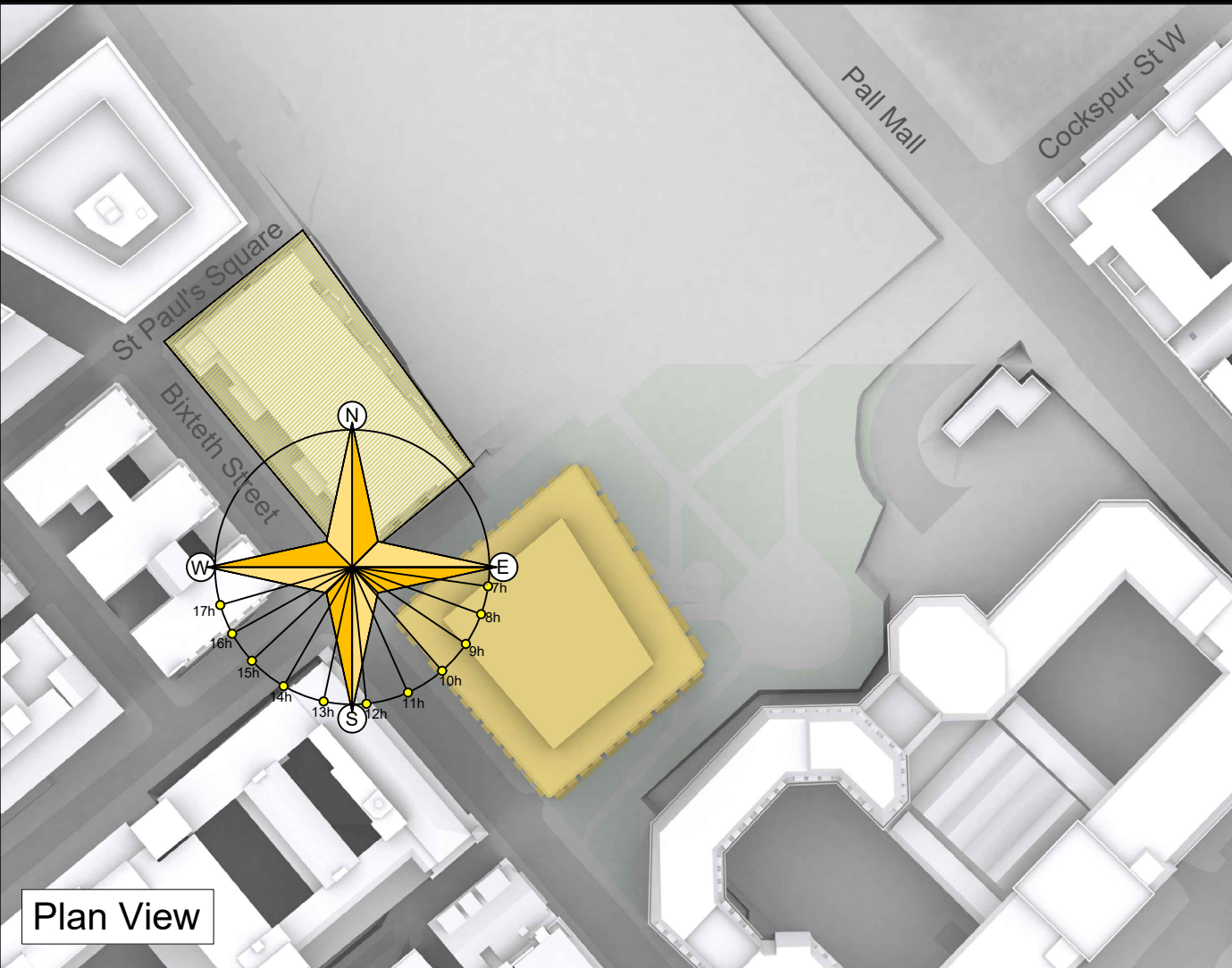


APPENDIX 11

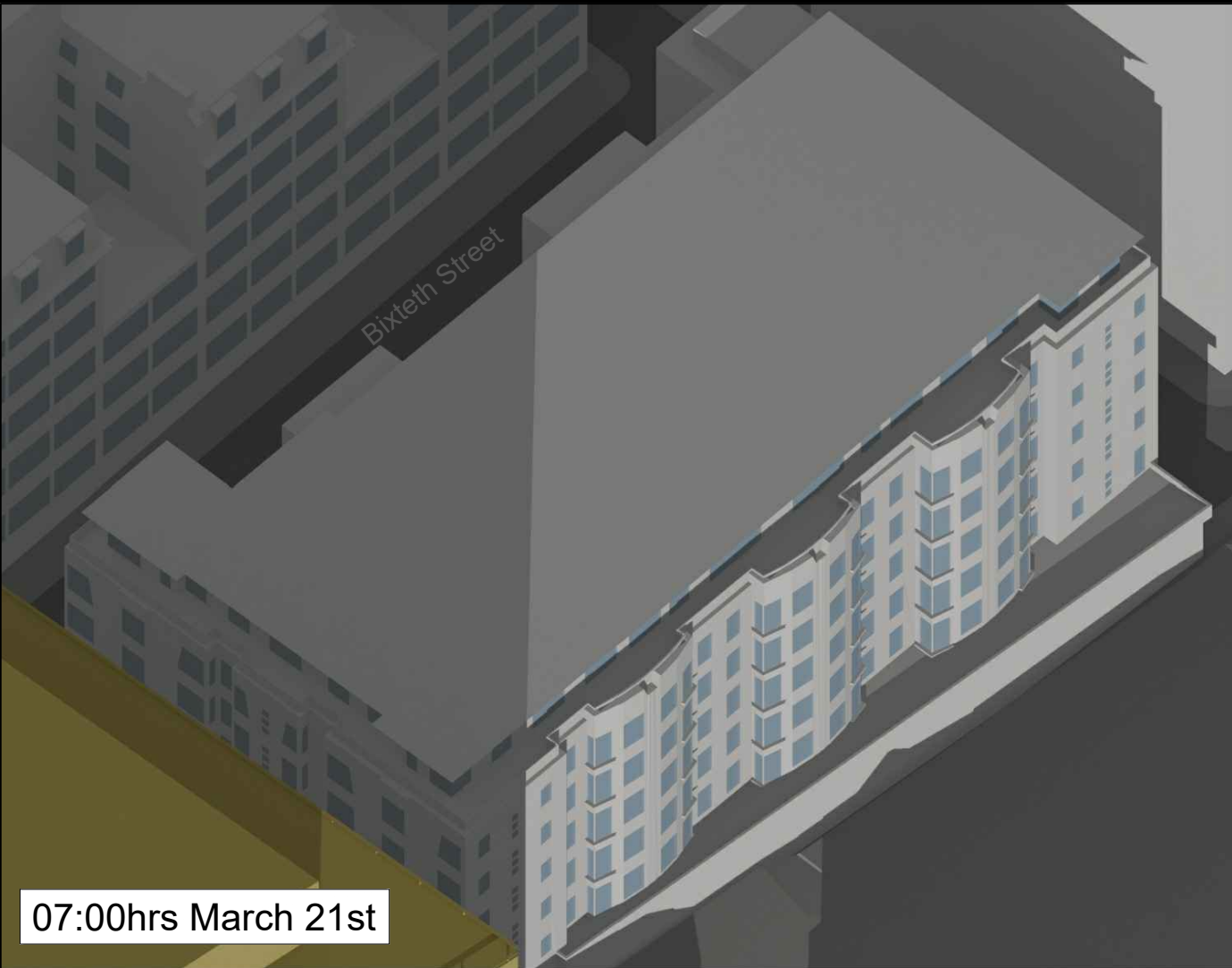
SHADOW ASSESSMENTS

[WITHOUT OTHER COMMITTED DEVELOPMENTS]

Drawing Reference	Title	Originator
Phase 1 Development only		
18411.SHD_009 Rev-	Transient shadow study X Building, 30-36 Bixteth Street Phase 1	Delva Patman Redler LLP
18411.SHD_010 Rev-	Transient shadow study X Building, 30-36 Bixteth Street Phase 1	Delva Patman Redler LLP
18411.SHD_011 Rev-	Transient shadow study X Building, 30-36 Bixteth Street Phase 1	Delva Patman Redler LLP
Phase 1 + Outline		
18411.SHD_001 Rev-	Transient shadow study 40-44 Pall Mall Phase 1 + Outline	Delva Patman Redler LLP
18411.SHD_002 Rev-	Transient shadow study 40-44 Pall Mall Phase 1 + Outline	Delva Patman Redler LLP
18411.SHD_005 Rev-	Transient shadow study Hamilton House Phase 1 + Outline	Delva Patman Redler LLP
18411.SHD_006 Rev-	Transient shadow study X Building, 30-36 Bixteth Street Phase 1 + Outline	Delva Patman Redler LLP
18411.SHD_007 Rev-	Transient shadow study X Building, 30-36 Bixteth Street Phase 1 + Outline	Delva Patman Redler LLP
18411.SHD_008 Rev-	Transient shadow study X Building, 30-36 Bixteth Street Phase 1 + Outline	Delva Patman Redler LLP



Plan View



07:00hrs March 21st



08:00hrs March 21st



09:00hrs March 21st

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

- Existing
- Proposed
- Neighbouring Property
- Consented
- Cumulative

SOURCE DATA:

Surrounding buildings:
AccuCities 3D Model
DPR Survey 3D Model: 18411 - 2019-05-17 - New Commercial Quarter, Liverpool - Master Model.dwg

Proposed Scheme:
Allies and Morrison
3D Model received 10.05.2019
16161_TVIA Model_190510.skp

Consented Scheme:
Falconer Chester Hall
Dwg no's: P15-015-02-03-001, P15-015-02-03-003, P15-015-02-03-004, P15-015-02-03-007, P15-015-02-03-008, P15-015-02-03-012, P15-015-02-03-019, P15-015-02-03-024, P15-015-02-05-001 to P15-015-02-05-008

NOTES:

REV	Description	Drawn	Ch'kd	Date

DELVA PATMAN REDLER
Chartered Surveyors

Thavies Inn House
3-4 Holborn Circus
London EC1N 2HA
020 7936 3668
www.delvapatmanredler.co.uk

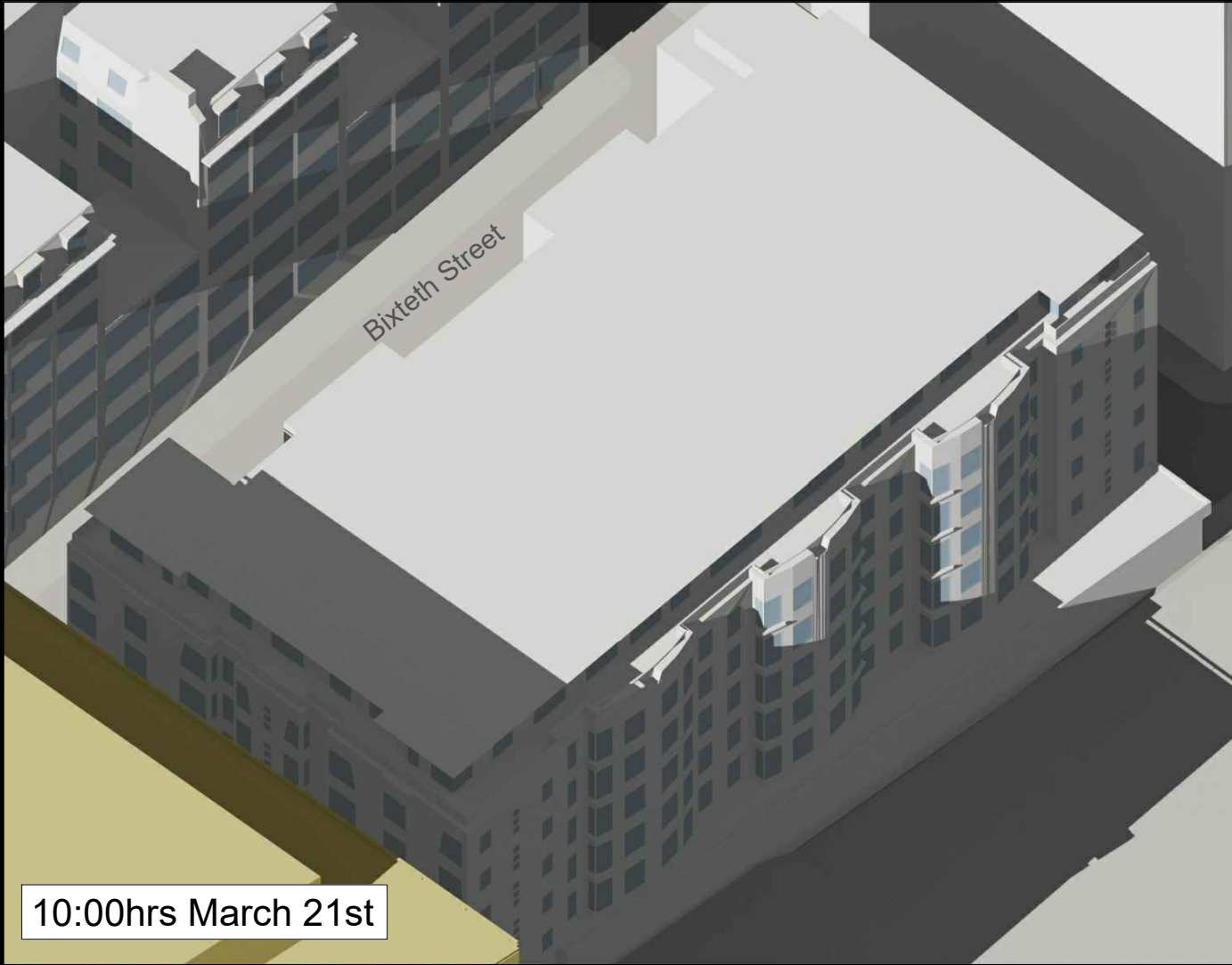
The Plaza
100 Old Hall Street
Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

TITLE:
**NEW COMMERCIAL QUARTER
LIVERPOOL**

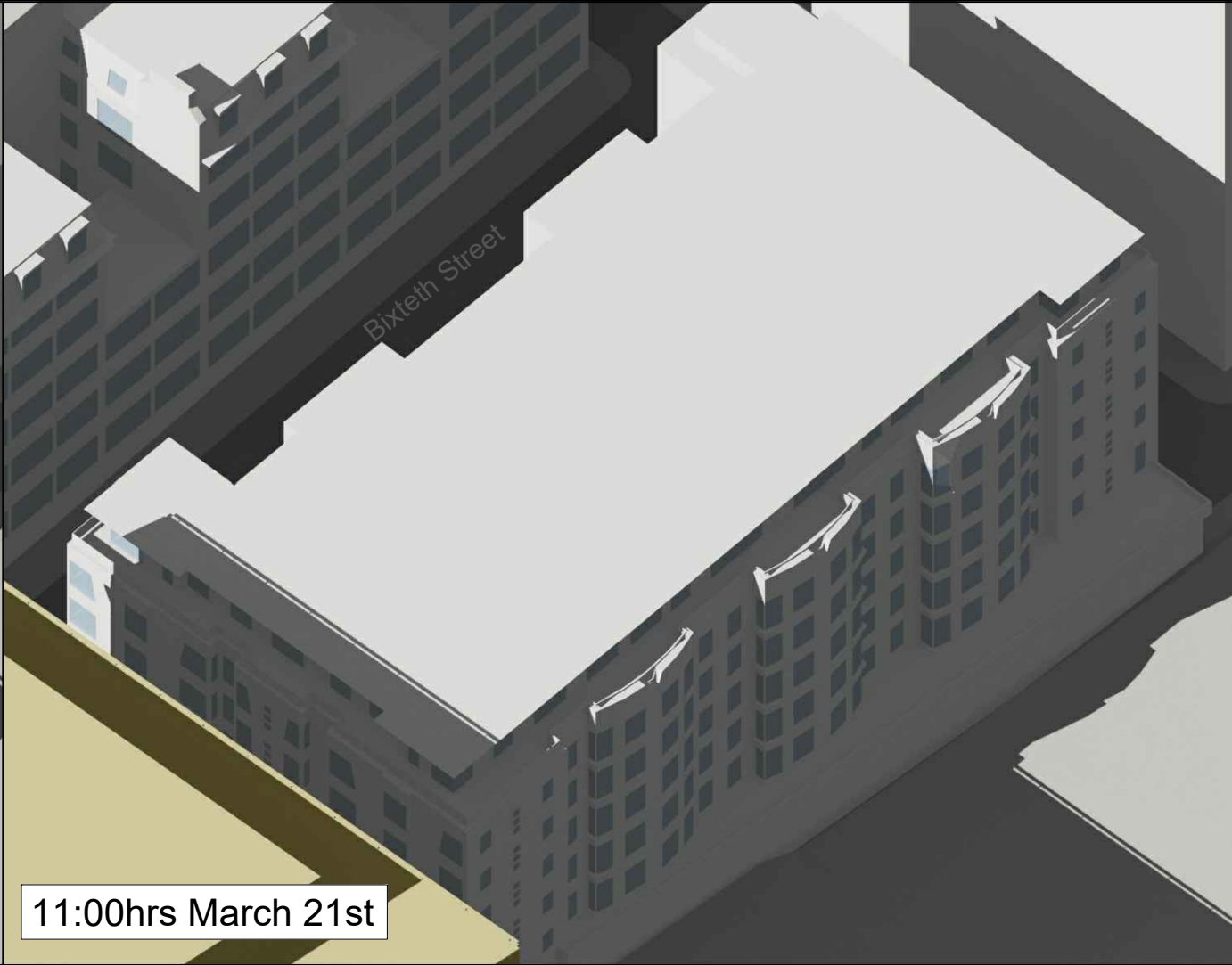
DRAWING:
TRANSIENT SHADOWS STUDY
March 21st
X Building, 30-36 Bixteth Street
Phase 1

DRAWN: RM	JOB NBR:
SCALE: NTS	18411
DATE: 21/06/2019	REV:
DWG NO:	-

SHD_009



10:00hrs March 21st



11:00hrs March 21st



12:00hrs March 21st



13:00hrs March 21st

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

Existing

Proposed

Neighbouring Property

Consented

Cumulative

SOURCE DATA:

Surrounding buildings:
AccuCities 3D Model
DPR Survey 3D Model: 18411 -
2019-05-17 - New Commercial Quarter,
Liverpool - Master Model.dwg

Proposed Scheme:
Allies and Morrison
3D Model received 10.05.2019
16161_TVIA Model_190510.skp

Consented Scheme:
Falconer Chester Hall
Dwg no's: P15-015-02-03-001,
P15-015-02-03-003, P15-015-02-03-004,
P15-015-02-03-007, P15-015-02-03-008,
P15-015-02-03-012, P15-015-02-03-019,
P15-015-02-03-024, P15-015-02-05-001
to P15-015-02-05-008

NOTES:

REV	Description	Drawn	Ch'kd	Date

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0151 242 0980

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100 Old Hall Street
Liverpool L3 9QJ

TITLE:

NEW COMMERCIAL QUARTER
LIVERPOOL

DRAWING:

TRANSIENT SHADOWS STUDY
March 21st
X Building, 30-36 Bixteth Street
Phase 1

DRAWN: RM

SCALE: NTS

DATE: 21/06/2019

JOB NBR:

18411

DWG NO:

SHD_010

REV:

-



10:00hrs March 21st

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

- Existing
- Proposed
- Neighbouring Property
- Consented
- Cumulative

SOURCE DATA:

Surrounding buildings:
AccuCities 3D Model
DPR Survey 3D Model: 18411 -
2019-05-17 - New Commercial Quarter,
Liverpool - Master Model.dwg

Proposed Scheme:
Allies and Morrison
3D Model received 10.05.2019
16161_TVIA Model_190510.skp

Consented Scheme:
Falconer Chester Hall
Dwg no's: P15-015-02-03-001,
P15-015-02-03-003, P15-015-02-03-004,
P15-015-02-03-007, P15-015-02-03-008,
P15-015-02-03-012, P15-015-02-03-019,
P15-015-02-03-024, P15-015-02-05-001
to P15-015-02-05-008

NOTES:



REV	Description	Drawn	Ch'kd	Date

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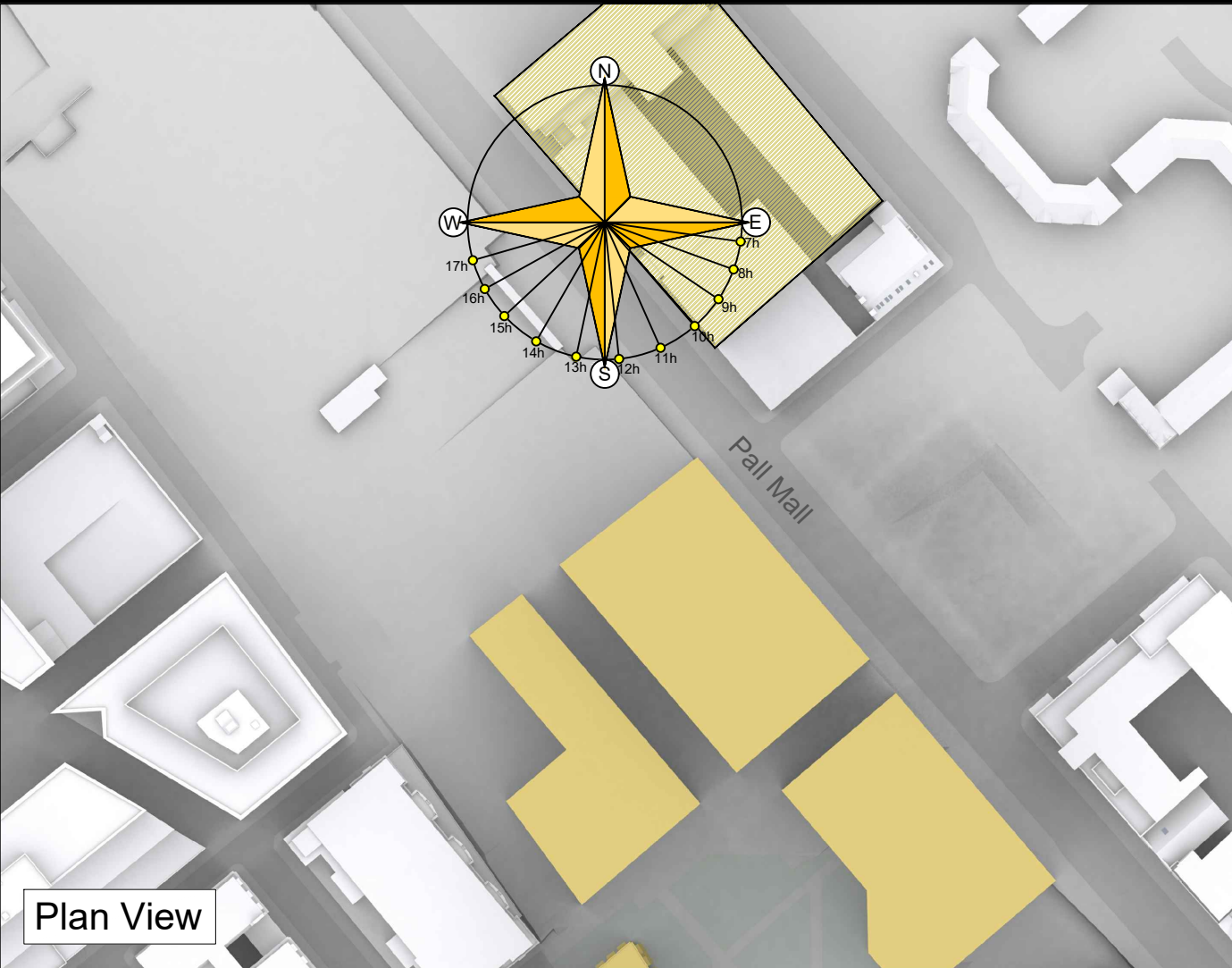
Thavies Inn House
3-4 Holborn Circus
London EC1N 2HA
020 7936 3668
www.delvapatmanredler.co.uk

The Plaza
100 Old Hall Street
Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

TITLE:
NEW COMMERCIAL QUARTER
LIVERPOOL

DRAWING:
TRANSIENT SHADOWS STUDY
March 21st
X Building, 30-36 Bixteth Street
Phase 1

DRAWN: RM	JOB NBR:
SCALE: NTS	18411
DATE: 21/06/2019	
DWG NO: SHD_011	REV: -



NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

- Existing
- Proposed
- Neighbouring Property
- Consented
- Cumulative

SOURCE DATA:

Surrounding buildings:
AccuCities 3D Model
DPR Survey 3D Model: 18411 - 2019-05-17 - New Commercial Quarter, Liverpool - Master Model.dwg

Proposed Scheme:
Allies and Morrison
3D Model received 10.05.2019
16161_TVIA Model_190510.skp

Consented Scheme:
Falconer Chester Hall
Dwg no's: P15-015-02-03-001, P15-015-02-03-003, P15-015-02-03-004, P15-015-02-03-007, P15-015-02-03-008, P15-015-02-03-012, P15-015-02-03-019, P15-015-02-03-024, P15-015-02-05-001 to P15-015-02-05-008

NOTES:

REV	Description	Drawn	Ch'kd	Date

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100 Old Hall Street
Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

TITLE:
**NEW COMMERCIAL QUARTER
LIVERPOOL**

DRAWING:
TRANSIENT SHADOWS STUDY
March 21st
40-44 Pall Mall
Phase 1 plus Outline






DRAWN: RM	JOB NBR:
SCALE: NTS	18411
DATE: 21/06/2019	REV:
DWG NO:	-

SHD_001



NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

	Existing
	Proposed
	Neighbouring Property
	Consented
	Cumulative

SOURCE DATA:

Surrounding buildings:
AccuCities 3D Model
DPR Survey 3D Model: 18411 - 2019-05-17 - New Commercial Quarter, Liverpool - Master Model.dwg

Proposed Scheme:
Allies and Morrison
3D Model received 10.05.2019
16161_TVIA Model_190510.skp

Consented Scheme:
Falconer Chester Hall
Dwg no's: P15-015-02-03-001, P15-015-02-03-003, P15-015-02-03-004, P15-015-02-03-007, P15-015-02-03-008, P15-015-02-03-012, P15-015-02-03-019, P15-015-02-03-024, P15-015-02-05-001 to P15-015-02-05-008

NOTES:



REV	Description	Drawn	Ch'kd	Date

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020 7936 3668
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100 Old Hall Street
Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

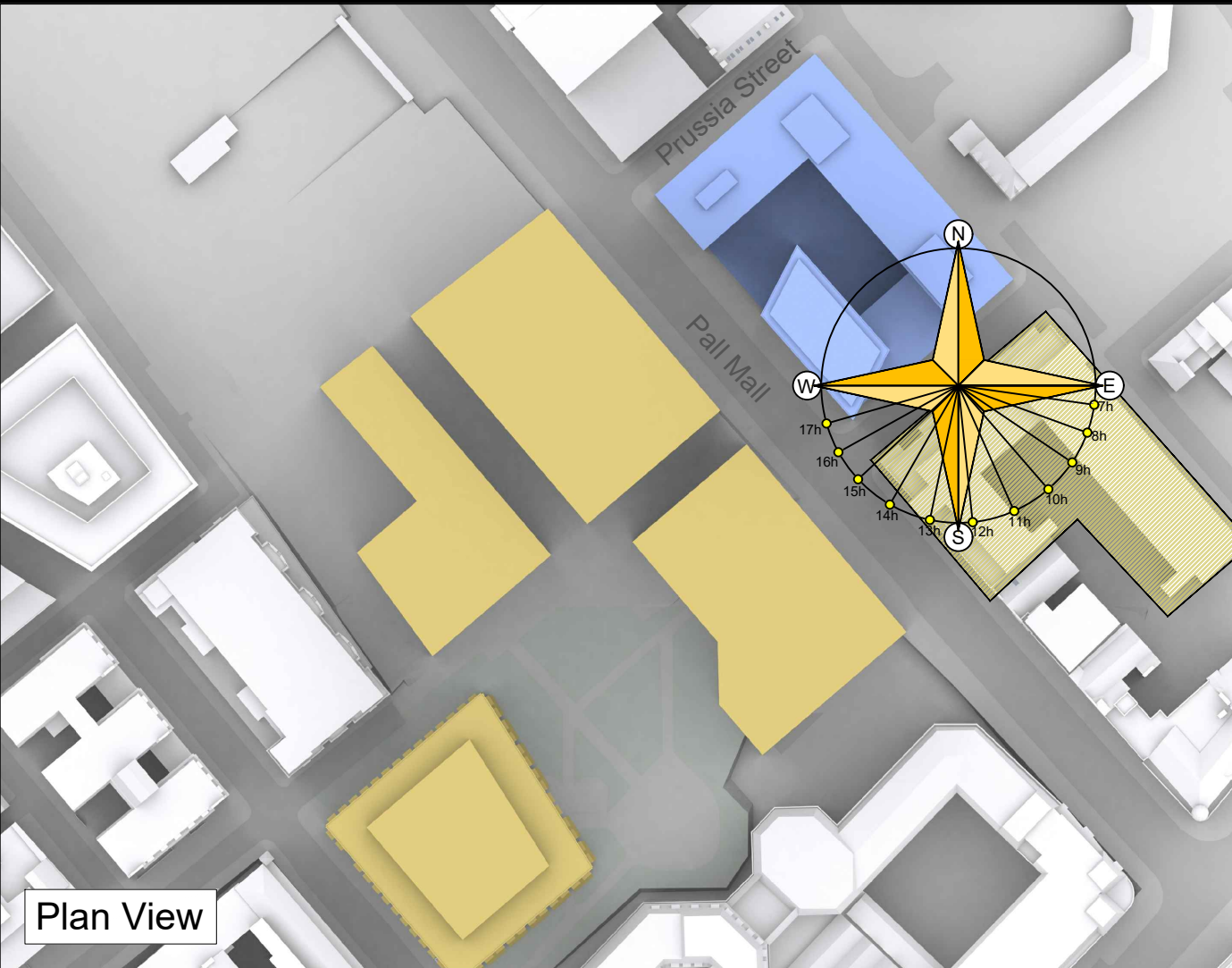
TITLE:

NEW COMMERCIAL QUARTER
LIVERPOOL

DRAWING:

TRANSIENT SHADOWS STUDY
March 21st
40-44 Pall Mall
Phase 1 plus Outline

DRAWN: RM	JOB NBR:
SCALE: NTS	18411
DATE: 21/06/2019	
DWG NO:	REV:
SHD_002	-



Plan View



16:00hrs March 21st



17:00hrs March 21st

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

- Existing
- Proposed
- Neighbouring Property
- Consented
- Cumulative

SOURCE DATA:
Surrounding buildings:
AccuCities 3D Model
DPR Survey 3D Model: 18411 - 2019-05-17 - New Commercial Quarter, Liverpool - Master Model.dwg

Proposed Scheme:
Allies and Morrison
3D Model received 10.05.2019
16161_TVIA Model_190510.skp

Consented Scheme:
Falconer Chester Hall
Dwg no's: P15-015-02-03-001, P15-015-02-03-003, P15-015-02-03-004, P15-015-02-03-007, P15-015-02-03-008, P15-015-02-03-012, P15-015-02-03-019, P15-015-02-03-024, P15-015-02-05-001 to P15-015-02-05-008

NOTES:



REV	Description	Drawn	Ch'kd	Date

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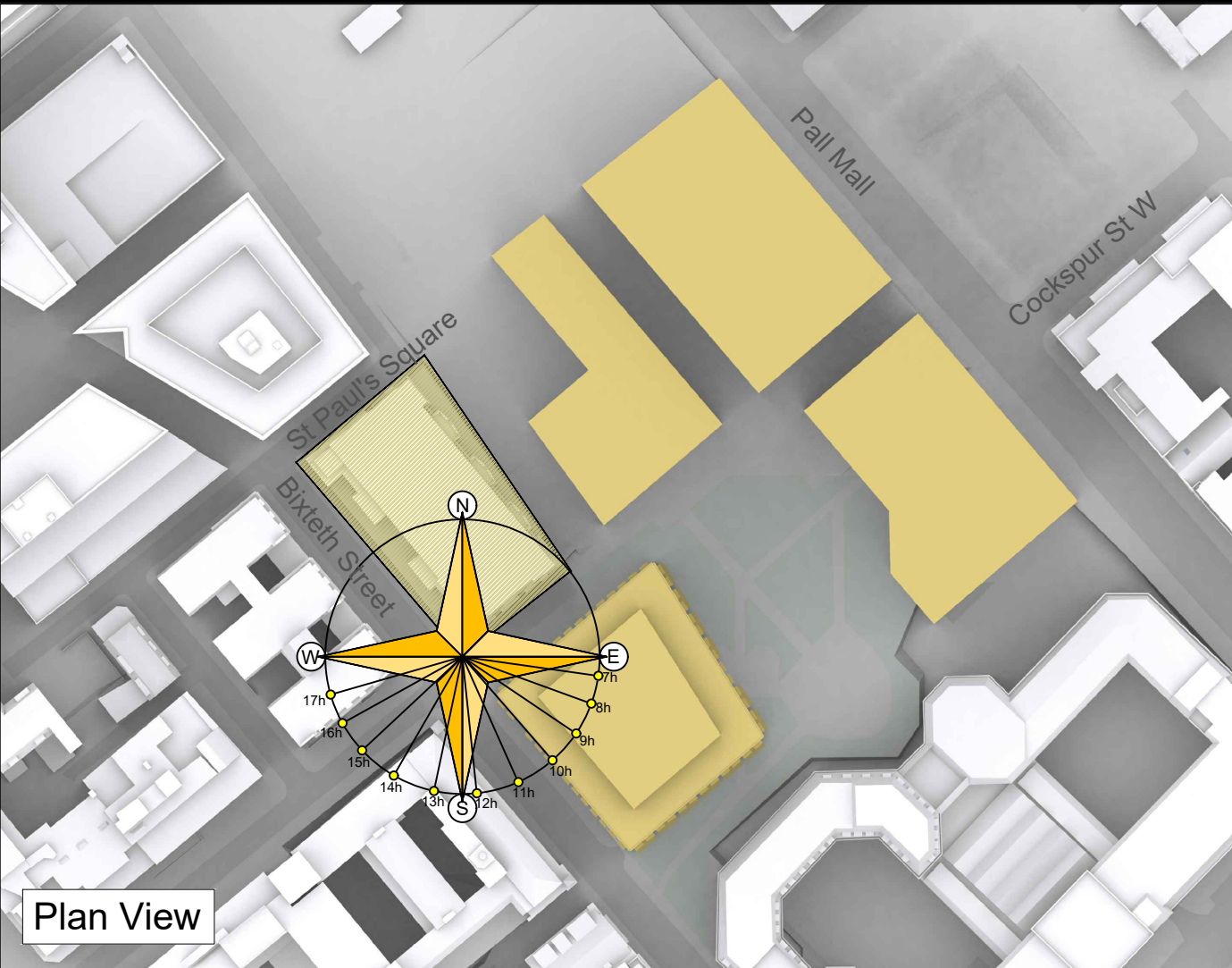
Thavies Inn House
3-4 Holborn Circus
London EC1N 2HA
020 7936 3668
www.delvapatmanredler.co.uk

The Plaza
100 Old Hall Street
Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

TITLE:
NEW COMMERCIAL QUARTER
LIVERPOOL

DRAWING:
TRANSIENT SHADOWS STUDY
March 21st
Hamilton House
Phase 1 plus Outline

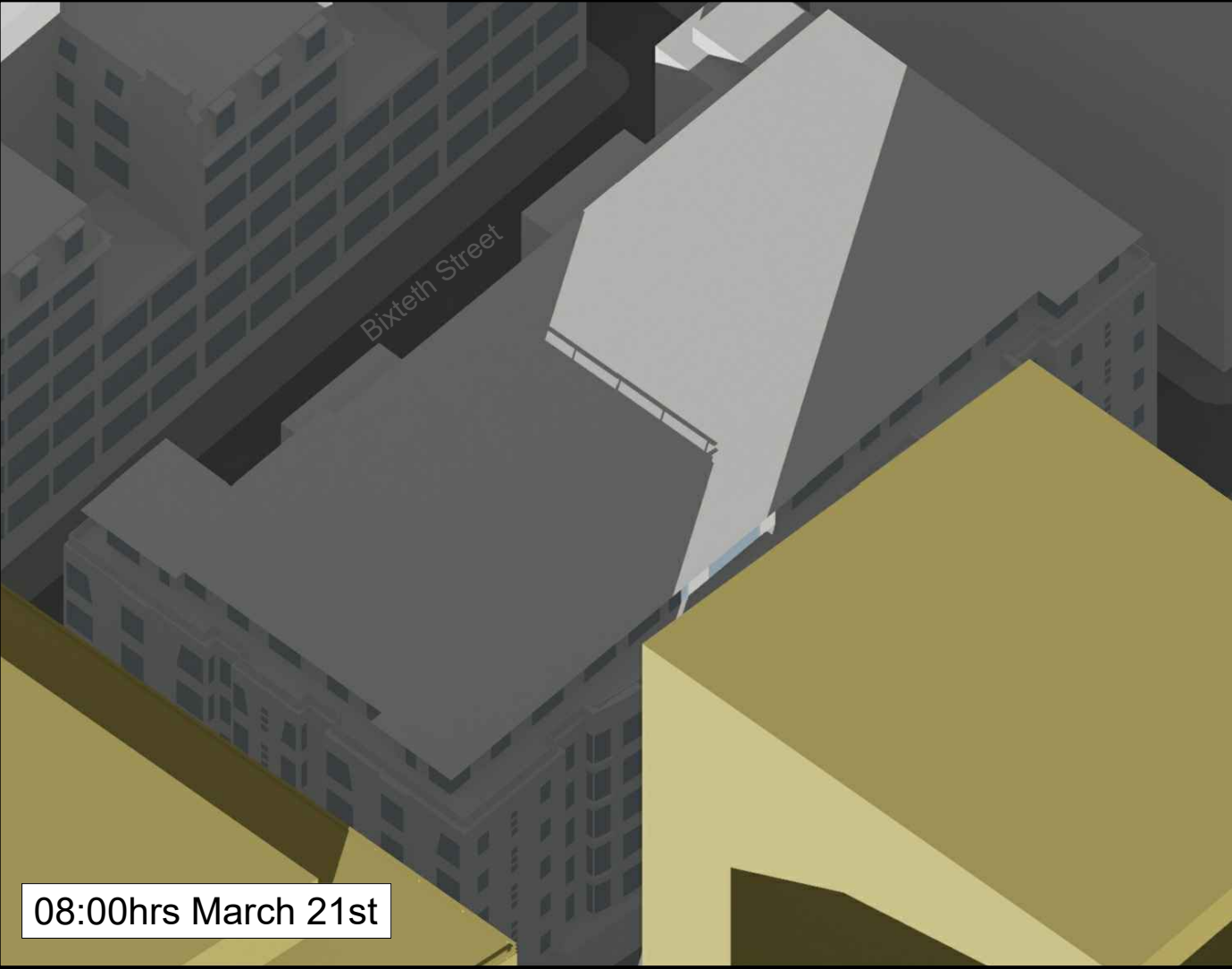
DRAWN: RM	JOB NBR:
SCALE: NTS	18411
DATE: 21/06/2019	
DWG NO:	REV:
SHD_005	-



Plan View



07:00hrs March 21st



08:00hrs March 21st



09:00hrs March 21st

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

	Existing
	Proposed
	Neighbouring Property
	Consented
	Cumulative

SOURCE DATA:
Surrounding buildings:
AccuCities 3D Model
DPR Survey 3D Model: 18411 - 2019-05-17 - New Commercial Quarter, Liverpool - Master Model.dwg

Proposed Scheme:
Allies and Morrison
3D Model received 10.05.2019
16161_TVIA Model_190510.skp

Consented Scheme:
Falconer Chester Hall
Dwg no's: P15-015-02-03-001, P15-015-02-03-003, P15-015-02-03-004, P15-015-02-03-007, P15-015-02-03-008, P15-015-02-03-012, P15-015-02-03-019, P15-015-02-03-024, P15-015-02-05-001 to P15-015-02-05-008

NOTES:



REV	Description	Drawn	Ch'kd	Date

DELVA PATMAN REDLER
Chartered Surveyors

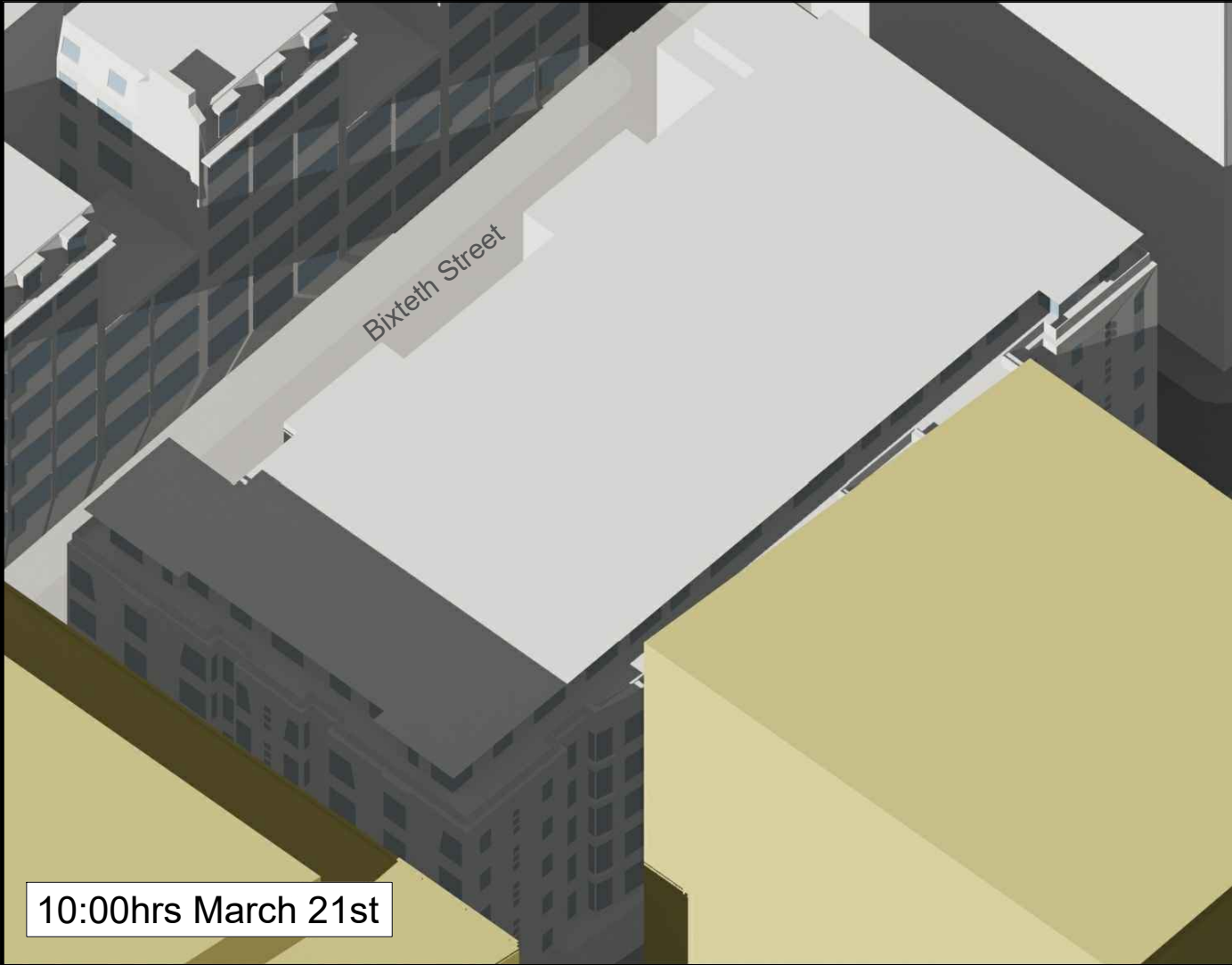
Thavies Inn House
3-4 Holborn Circus
London EC1N 2HA
020 7936 3668
www.delvapatmanredler.co.uk

The Plaza
100 Old Hall Street
Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

TITLE:
NEW COMMERCIAL QUARTER
LIVERPOOL

DRAWING:
TRANSIENT SHADOWS STUDY
March 21st
X Building, 30-36 Bixteth Street
Phase 1 plus Outline

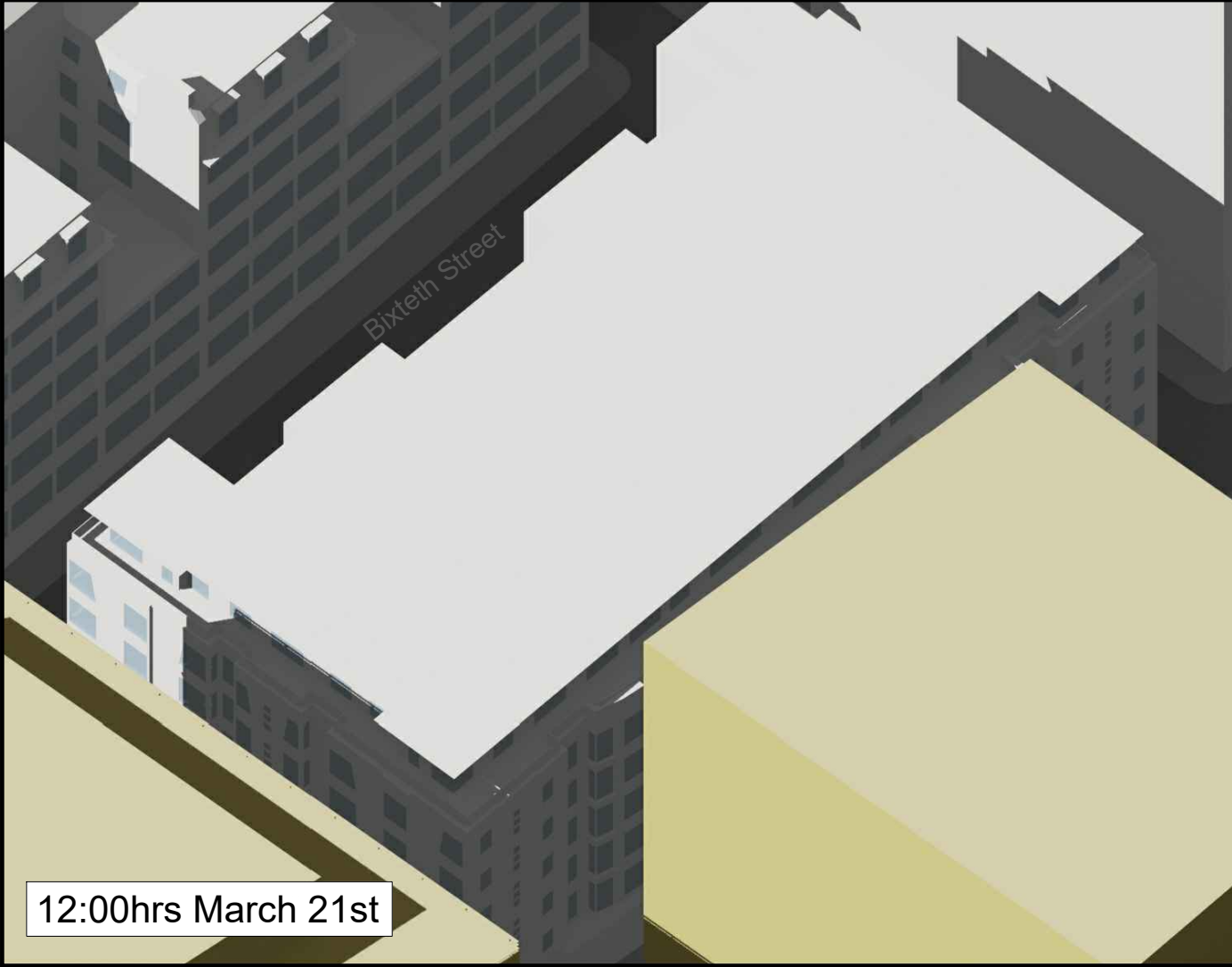
DRAWN: RM	JOB NBR:
SCALE: NTS	18411
DATE: 21/06/2019	
DWG NO:	REV:
SHD_006	-



10:00hrs March 21st



11:00hrs March 21st



12:00hrs March 21st



13:00hrs March 21st

NO DIMENSIONS TO BE SCALED FROM THIS DRAWING

KEY:

Existing

Proposed

Neighbouring Property

Consented

Cumulative

SOURCE DATA:

Surrounding buildings:
AccuCities 3D Model
DPR Survey 3D Model: 18411 - 2019-05-17 - New Commercial Quarter, Liverpool - Master Model.dwg

Proposed Scheme:
Allies and Morrison
3D Model received 10.05.2019
16161_TVIA Model_190510.skp

Consented Scheme:
Falconer Chester Hall
Dwg no's: P15-015-02-03-001, P15-015-02-03-003, P15-015-02-03-004, P15-015-02-03-007, P15-015-02-03-008, P15-015-02-03-012, P15-015-02-03-019, P15-015-02-03-024, P15-015-02-05-001 to P15-015-02-05-008

NOTES:

REV

Description

Drawn

Ch'kd

Date

DELVA PATMAN REDLER

Chartered Surveyors

Thavies Inn House
3-4 Holborn Circus
London EC1N 2HA
020 7936 3668
www.delvapatmanredler.co.uk

The Plaza
100 Old Hall Street
Liverpool L3 9QJ
0151 242 0980
info@delvapatmanredler.co.uk

TITLE:

NEW COMMERCIAL QUARTER
LIVERPOOL

DRAWING:

TRANSIENT SHADOWS STUDY
March 21st
X Building, 30-36 Bixteth Street
Phase 1 plus Outline

DRAWN: RM

SCALE: NTS

DATE: 21/06/2019

JOB NBR:

18411

DWG NO:

SHD_007

REV:

-



DRAWN: RM	JOB NBR: 18411
SCALE: NTS	
DATE: 21/06/2019	
DWG NO: SHD_008	
REV: -	