

C. Intrusive Survey Scope

STRUCTURAL SURVEYS DESCRIPTION

SURVEY REFERENCE	SURVEY TYPE	INFORMATION REQUIRED	TYPICAL INFORMATION REQUIRED - SECTION SKETCH
R	BEAM SURVEY	<ul style="list-style-type: none"> -BREAK OUT EXISTING BEAMS -CONFIRM CONSTRUCTION. IF TIMBER, TREAT AS TYPE J. -MEASURE BEAM DIMENSIONS (DEPTH, WIDTH, FLANGE etc.) -NOTE CONDITION -NOTE BEARING (PADSTONE DIMENSIONS ETC.) 	
J	JOIST SURVEY	<ul style="list-style-type: none"> -MEASURE JOIST DIMENSIONS -NOTE JOIST SPAN DIRECTION -NOTE JOIST CENTRES -NOTE JOIST BEARING CONNECTION (NOTCHES, BEARING DIMENSION ETC.) -MATERIALS TESTING FOR STRENGTH GRADE -NOTE CONDITION 	
W	WALL SURVEY	<ul style="list-style-type: none"> -MEASURE WALL THICKNESS. -NOTE FINISHES THICKNESS (PLASTER ETC.) -NOTE CONDITION 	
C	COLUMN SURVEY	<ul style="list-style-type: none"> -BREAK OUT TOP OF EXISTING PIERS TO SHOP FRONTS -DETERMINE PRESENCE OF STEEL/CAST IRON COLUMNS -MEASURE COLUMN DIMENSIONS AND ANY INCOMING BEAM DIMENSIONS AS TYPE R -NOTE CONDITION 	
LP	LIFT PIT SURVEY	<ul style="list-style-type: none"> -MEASURE DEPTH/WIDTH/LENGTH OF LIFT PIT -NOTE CONSTRUCTION OF LIFT PIT AND ANY WATERPROOFING -NOTE CONDITION 	
T	TRUSS SURVEY	<ul style="list-style-type: none"> -RECORD OVERALL GEOMETRY OF TRUSSES -MEASURE DIMENSIONS OF ALL TRUSS ELEMENTS AS TYPE J. -NOTE JOIST BEARING CONNECTION (NOTCHES, BEARING DIMENSION ETC.) -MATERIALS TESTING FOR STRENGTH GRADE -NOTE ALL INCOMING PURLINS, RAFTERS ETC. AS PER TYPE J. -NOTE CONDITION 	

NOTES:

1. REFER TO DRAWINGS FOR LOCATION OF ALL TEST LOCATIONS.
2. PHOTOGRAPHIC RECORD OF EACH SURVEY LOCATION REQUIRED.
3. PROVIDE FULLY DIMENSIONED SKETCHES TO CONFIRM THE FINDINGS INCLUDING DEPTHS, MATERIAL TYPES, THICKNESSES, ELEMENT TYPES ETC.
4. IT SHOULD BE NOTED THAT THIS SURVEY IS TO UNDERSTAND THE CONSTRUCTION OF THE BUILDING AND TARGET POTENTIAL AREAS FOR INTERVENTION. FURTHER SURVEY WORK WILL BE REQUIRED FOLLOWING THE OUTPUTS OF THIS SURVEY AND ONCE MORE DETAILED DESIGNED PROPOSALS FOR THE BUILDING MODIFICATION HAVE BEEN DEVELOPED.
5. ALL OPENING UP WORKS TO BE MADE GOOD, IN TERMS OF ANY ENCASEMENT OR FIRE PROTECTION A COMPATIBLE PRODUCT SHOULD BE USED THAT MATCHES THE EXISTING PERFORMANCE. NOTE AREA SPECIFIC HERITAGE/CONSERVATION REQUIREMENTS ON FOLLOWING PAGES ALSO
6. FOR MATERIAL TESTS, A MINIMUM OF 3no. SAMPLES IS REQUIRED PER MATERIAL TYPE
7. BDP TO MEET SUCCESSFUL CONTRACTOR ON SITE PRIOR TO WORKS TO AGREE FINAL POSITIONS FOR SURVEYS PRIOR TO STARTING WORK.
8. AS PART OF THE CONTRACTOR SUBMISSION DAY RATES SHOULD BE PROVIDED FOR CARRYING OUT FURTHER SURVEY WORK.
9. IF SURVEY IN SPECIFIC LOCATION CANNOT BE UNDERTAKEN FOR ANY REASON THE ENGINEER IS TO BE NOTIFIED AND DIFFERENT LOCATION TO BE AGREED.

JOB TITLE Dewsbury Arcade

JOB NUMBER P3001705

MADE BY CG DATE 20/10/2021

STRUCTURE Structural Survey Scope - Moneypenny's

SKETCH NUMBER 1705-BDP-ZZ-ZZ-DR-S-SK-0007B_1

CHECKED BY DN DATE 21/10/2021

Civil & Structural Sketch

BDP.



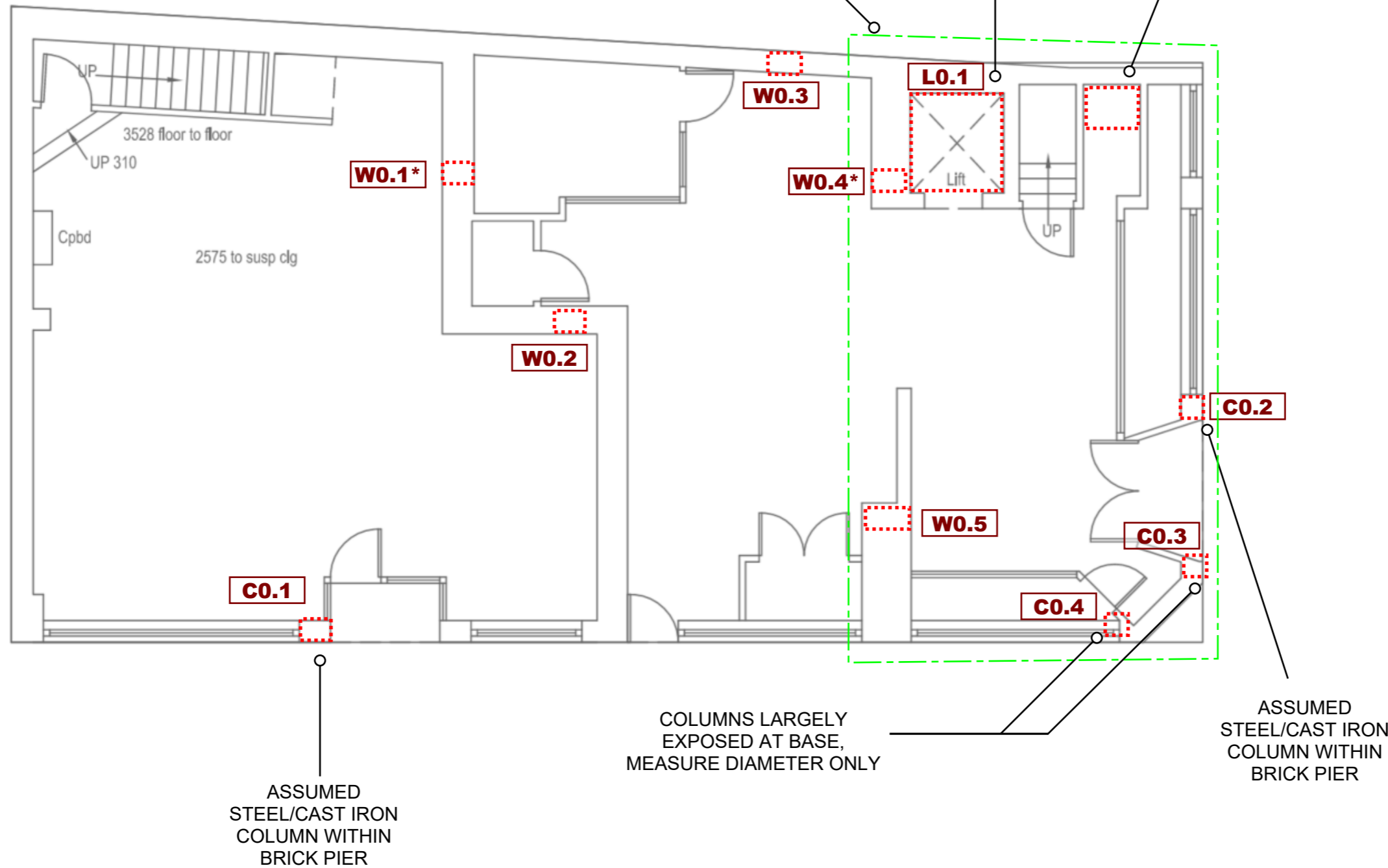
H&S NOTE:
NO ASBESTOS
SURVEY HAS BEEN
CARRIED OUT

CONSERVATION AND HERITAGE NOTE:
THIS AREA OF THE BUILDING IS LISTED. FOR
ALL INVESTIGATIONS IN THESE AREAS, ANY
EXISTING FINISHES MUST BE CAREFULLY
REMOVED AND REINSTATED. CONTRACTOR
TO ENSURE NECESSARY COST AND TIME
ALLOWANCES MADE FOR REINSTATEMENT.



H&S NOTE:
LIFT SHAFT
UNDERSTOOD
TO BE LIVE

H&S NOTE:
ACCESS HATCH TO
BASEMENT CHAMBER
ADJACENT LIFT PIT
MAY BE USEFUL FOR
LIFT PIT SURVEY



STRUCTURAL SURVEYS GROUND FLOOR

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Survey type key:-

- R = Beam survey
- J = Joist survey
- W = Wall survey
- C = Column survey
- L = Lift pit survey
- T = Truss survey

* - denotes surveys with materials testing

W0.1 - denotes wall survey at level 0, location 1

JOB TITLE Dewsbury Arcade

JOB NUMBER P3001705

MADE BY CG DATE 20/10/2021

STRUCTURE Structural Survey Scope - Moneypenny's

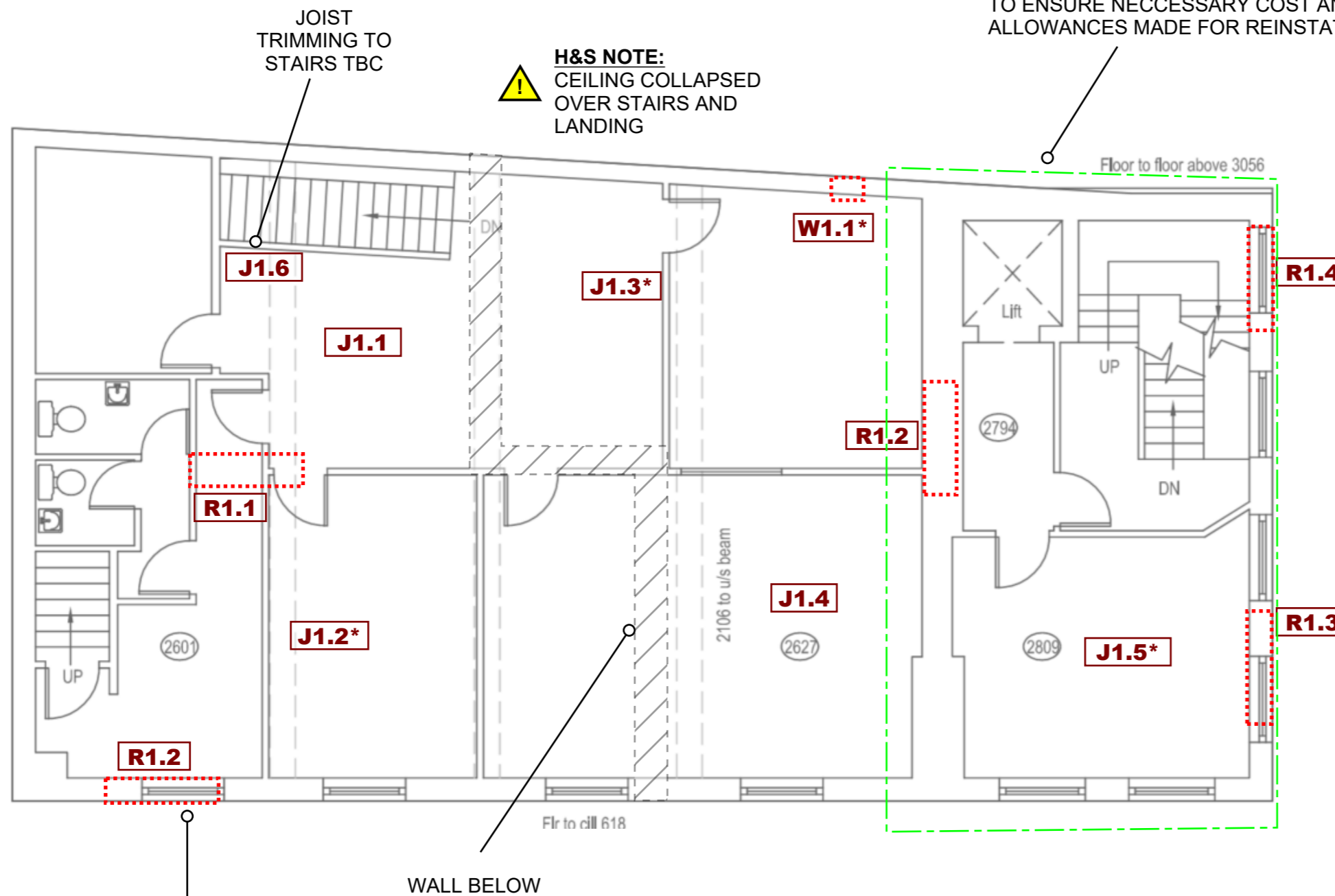
SKETCH NUMBER 1705-BDP-ZZ-ZZ-DR-S-SK-0007B_2

CHECKED BY DN DATE 21/10/2021

H&S NOTE:
 NO ASBESTOS SURVEY HAS BEEN CARRIED OUT

CONSERVATION AND HERITAGE NOTE:
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NOTE ACCESS FOR TYPE R SURVEYS FROM FLOOR BELOW

WALL BELOW

STRUCTURAL SURVEYS FIRST FLOOR

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JOB TITLE Dewsbury Arcade

JOB NUMBER P3001705

MADE BY CG

DATE 20/10/2021

STRUCTURE Structural Survey Scope - Moneypenny's

SKETCH NUMBER 1705-BDP-ZZ-ZZ-DR-S-SK-0007B_3

CHECKED BY DN

DATE 21/10/2021

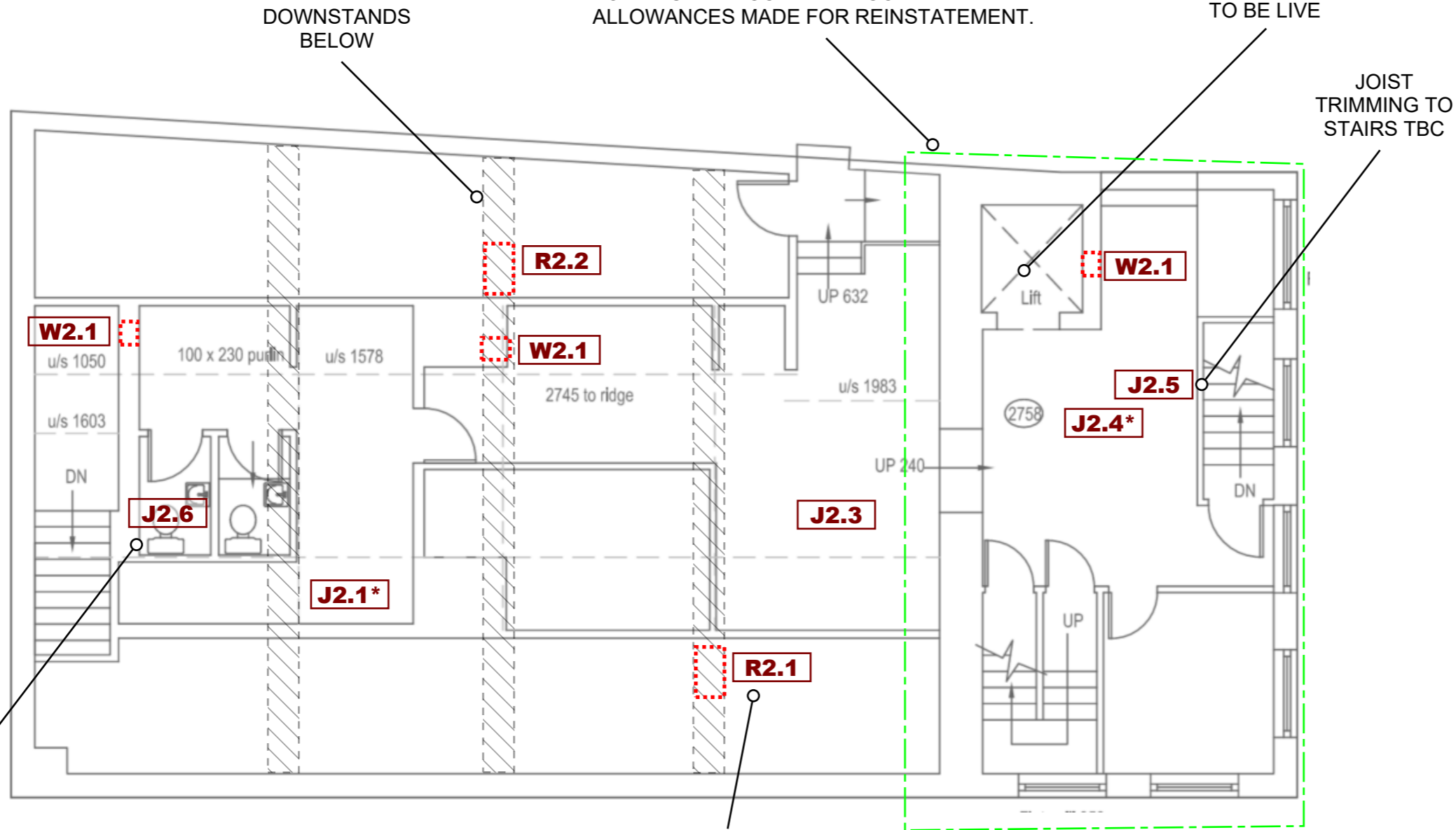


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H&S NOTE:
LIFT SHAFT
UNDERSTOOD
TO BE LIVE



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STRUCTURAL SURVEYS SECOND FLOOR

JOB TITLE Dewsbury Arcade

JOB NUMBER P3001705

MADE BY CG

DATE 20/10/2021

STRUCTURE Structural Survey Scope - Moneypenny's

SKETCH NUMBER 1705-BDP-ZZ-ZZ-DR-S-SK-0007B_4

CHECKED BY DN

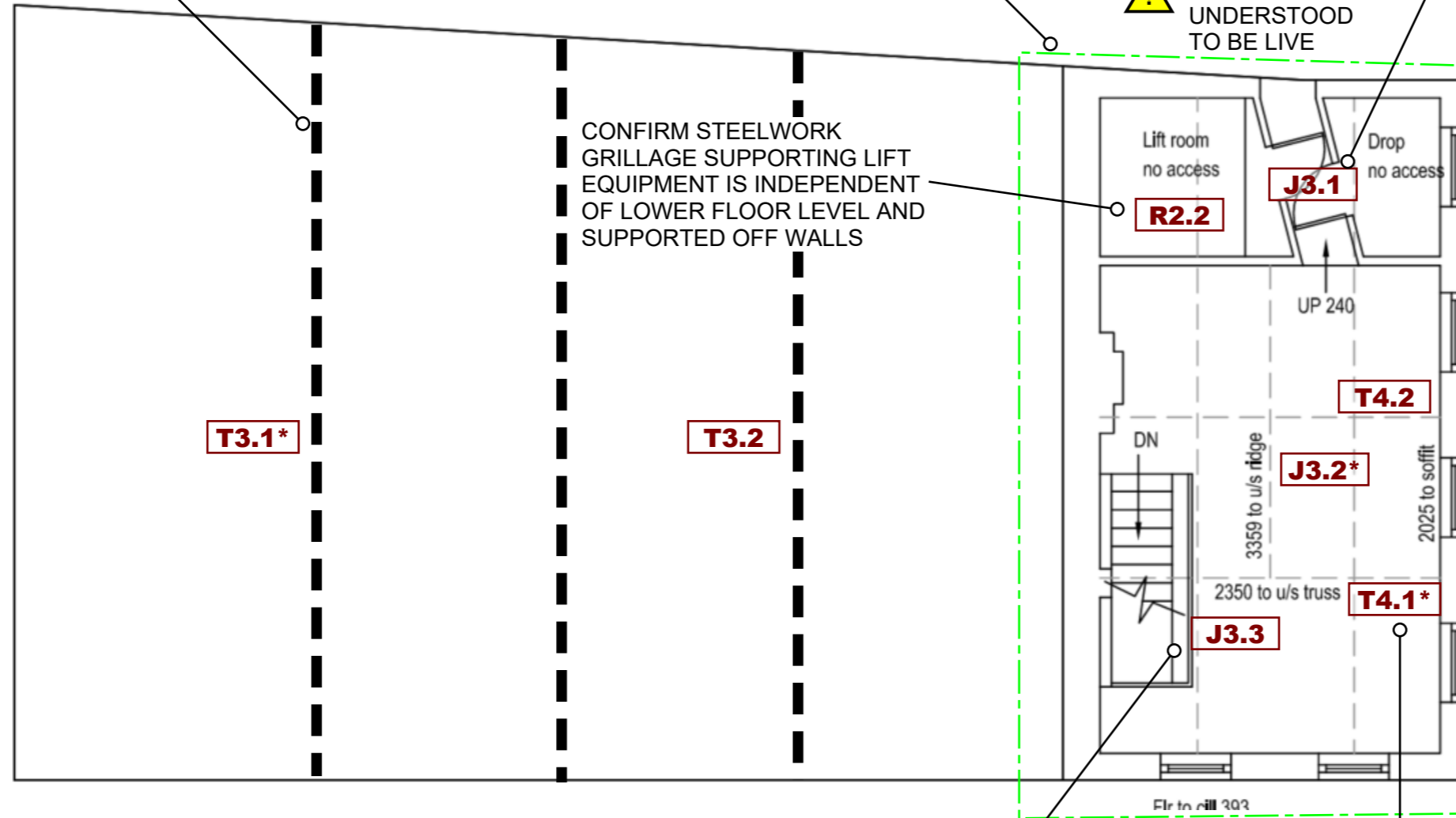
DATE 21/10/2021

APPROXIMATE TRUSS LOCATION. TO BE ACCESSED FROM SECOND FLOOR

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JOISTS AT FLOOR LEVEL NOT THE RAISED STEEL GRILLAGE FOR LIFT MOTOR ROOM.

H&S NOTE:
LIFT SHAFT UNDERSTOOD TO BE LIVE



CONFIRM STEELWORK GRILLAGE SUPPORTING LIFT EQUIPMENT IS INDEPENDENT OF LOWER FLOOR LEVEL AND SUPPORTED OFF WALLS

T3.1*

T3.2

R2.2

J3.1

T4.2

J3.2*

J3.3

T4.1*

JOIST TRIMMING TO STAIRS TBC

NOTE: ROOF TRUSSES ABOVE (TO LEVEL 4) TO BE SURVEYED ALSO

STRUCTURAL SURVEYS THIRD FLOOR

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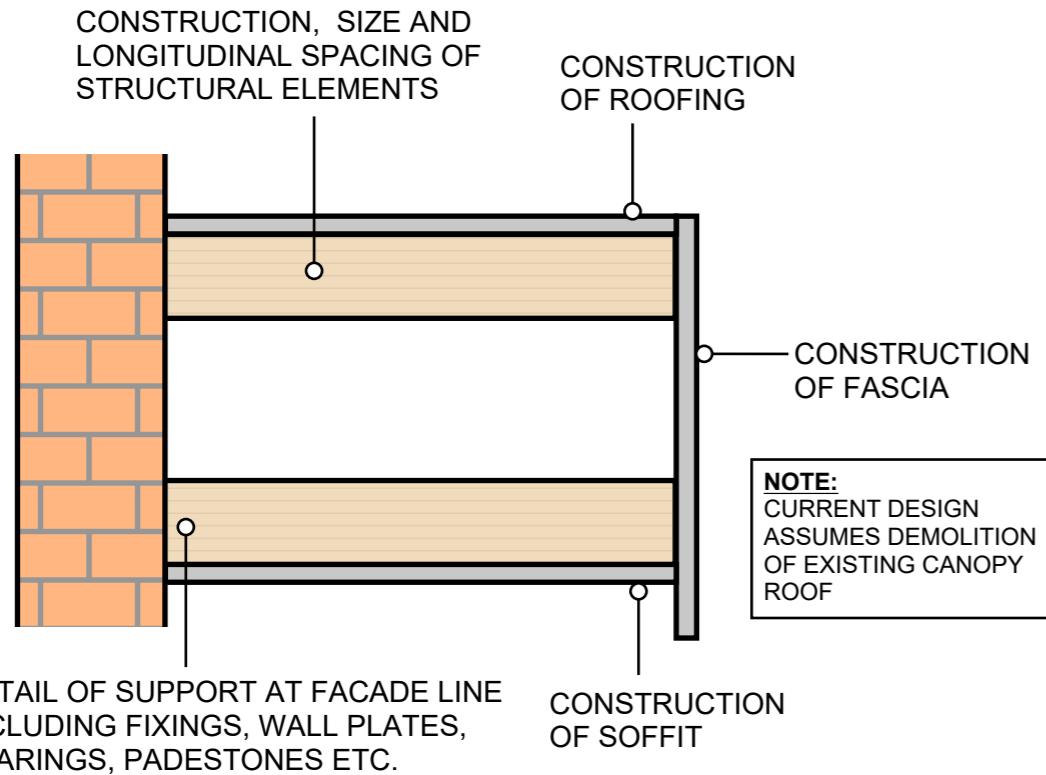
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W0.1 - denotes wall survey at level 0, location 1

JOB TITLE Dewsbury Arcade JOB NUMBER P3001705 MADE BY CG DATE 20/10/2021

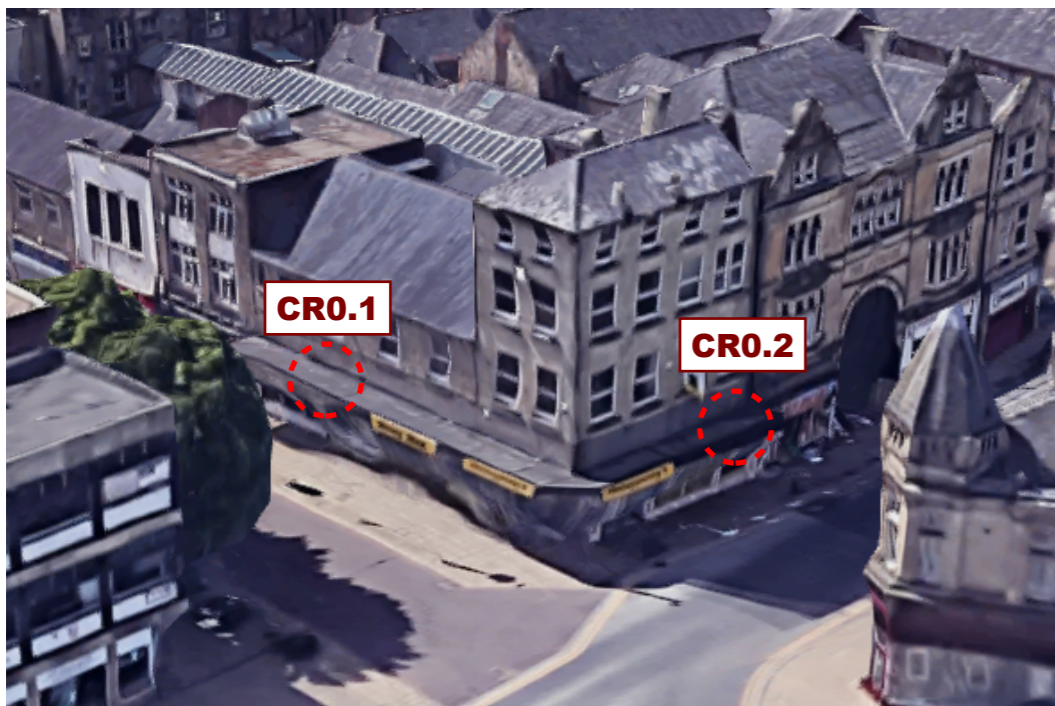
STRUCTURE Structural Survey Scope - Moneypenny's SKETCH NUMBER 1705-BDP-ZZ-ZZ-DR-S-SK-0007B_5 CHECKED BY DN DATE 21/10/2021



INFO REQUIRED FOR CANOPY ROOF SURVEY



EXTERNAL CANOPY ROOF SURVEY CR0.1



EXTERNAL CANOPY ROOF SURVEY LOCATIONS



EXTERNAL CANOPY ROOF SURVEY CR0.2

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10. APPROPRIATE SIGNAGE, FENCING ETC. TO BE PROVIDED FOR THESE INVESTIGATIONS AS PAVEMENT WILL BE OBSTRUCTED ON CORPORATION STREET.

Survey type key:-

CR = Canopy Roof Survey

CR0.1 - denotes Canopy Roof Survey at level 0, location 1

JOB TITLE Dewsbury Arcade

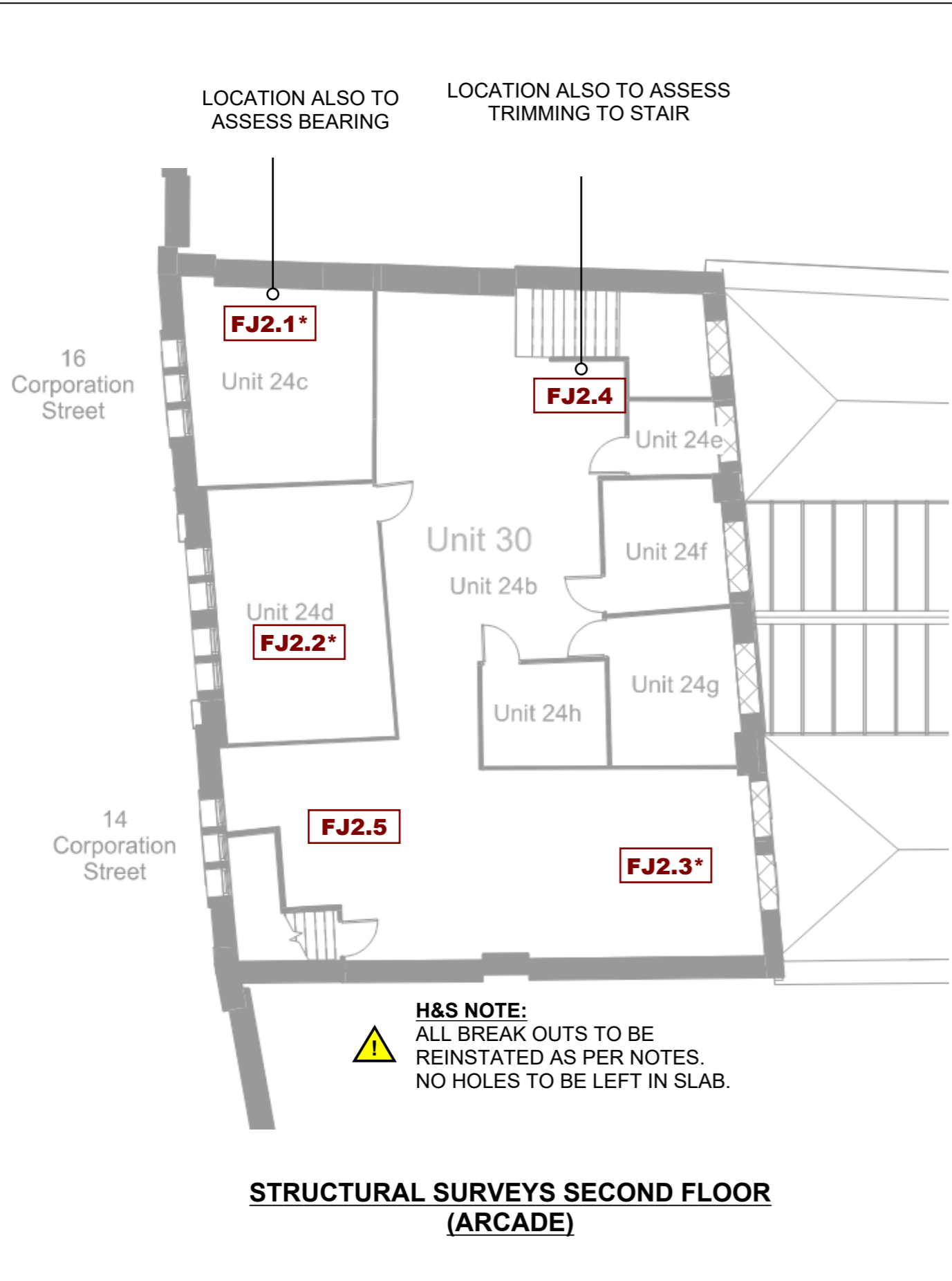
JOB NUMBER P3001705

MADE BY CG DATE 10/11/2021

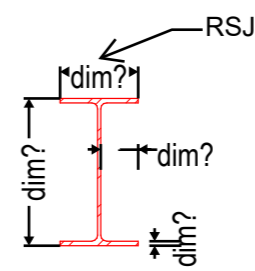
STRUCTURE Structural Survey Scope - Moneypenny's

SKETCH NUMBER 1705-BDP-ZZ-ZZ-DR-S-SK-0007B_6

CHECKED BY DN DATE 10/11/2021

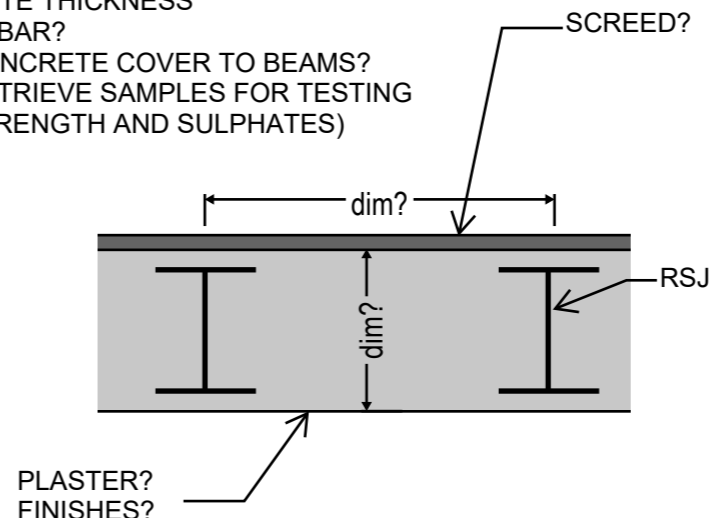


- BREAK OUT EXISTING BEAMS
- MEASURE BEAM DIMENSIONS (DEPTH, WIDTH, FLANGE etc.)
- NOTE CONDITION
- NOTE BEARING (PADSTONE DIMENSIONS ETC.)
- CENTRES/SPACING



INFO REQUIRED FOR RSJs WITHIN FLOOR

- BREAK OUT BETWEEN RSJs
- NOTE CONDITION
- NOTE THICKNESS
- REBAR?
- CONCRETE COVER TO BEAMS?
- RETRIEVE SAMPLES FOR TESTING (STRENGTH AND SULPHATES)



INFO REQUIRED FOR CONCRETE INFILL

- NOTES:
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Survey type key:-

FJ = Filler joist survey

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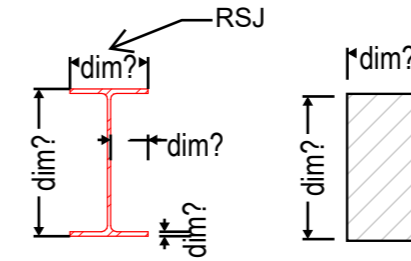
FJ2.1 - denotes filler joist survey at level 2, location 1

JOB TITLE	Dewsbury Arcade	JOB NUMBER	P3001705	MADE BY	CG	DATE	01/11/2021
STRUCTURE	Structural Survey Scope - Arcade Second Floor	SKETCH NUMBER	1705-BDP-ZZ-ZZ-DR-S-SK-0007B_7	CHECKED BY	DN	DATE	01/11/2021

LOCATION TO ASSESS BOTH BEAMS (PREVAILING AND INCOMING BEAMS)

NOTE SURVEY DRAWING IS OUTDATED; PARTITIONS HAVE ALL BEEN REMOVED

- BREAK OUT EXISTING BEAMS
- CONFIRM CONSTRUCTION
- MEASURE BEAM DIMENSIONS (DEPTH, WIDTH, FLANGE etc.)
- NOTE CONDITION
- IF BEAMS ARE TIMBER, MATERIAL TESTING TO DETERMINE STRENGTH



INFO REQUIRED FOR BEAM SURVEYS



LOCATION TO ASSESS BOTH BEAMS (PREVAILING AND INCOMING BEAMS)

STRUCTURAL SURVEYS THIRD FLOOR (ARCADE 2nd FLOOR SOFFIT)



ENCASEMENT TO BE REMOVED AS REQUIRED AND REINSTATED

BEAMS SHOWING ENCASEMENT

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Survey type key:-

R = Beam survey

* - denotes surveys with materials testing (only to be undertaken if beams are timber)

R3.1 - denotes beam survey at level 3, location 1

JOB TITLE Dewsbury Arcade JOB NUMBER P3001705 MADE BY CG DATE 01/11/2021

STRUCTURE Structural Survey Scope - Arcade Second Floor SKETCH NUMBER 1705-BDP-ZZ-ZZ-DR-S-SK-0007B_8 CHECKED BY DN DATE 01/11/2021