

The Linenhall

TDS TECH4100 Assessment 1 Collaborative Project

Group 6 ~ Liam Deguara ~ Jamie Leonard ~ Sinead Kielty ~ Karolina Potocka ~ Kevin O'Toole **Survey Site Address:**

Client:

Team member names:

TU Dublin Linenhall, Henrietta Place, Dublin 1

David Knight @ TU Dublin

Liam Deguara Jamie Leonard Sinead Kielty Karolina Potocka Kevin O'Toole

Contents:

1.	Context Report	Section 1
2.	Survey and Modelling	Section 2
3.	Waste Harvesting	Section 3
4.	Presentation	Section 4
5.	References	Section 5



The Linenhall

CONTEXT REPORT

Group 6 ~ Liam Deguara ~ Jamie Leonard ~ Sinead Kielty ~ Karolina Potocka ~ Kevin O'Toole **Survey Site Address:**

TU Dublin Linenhall, Henrietta Place, Dublin 1

Client:

Team member names:

David Knight @ TU Dublin

Liam Deguara Jamie Leonard Sinead Kielty Karolina Potocka Kevin O'Toole

Contents:

1.	Site History	Pg 2
2.	Site Maps	Pg 7
3.	Planning and Development Status	Pg 12
4.	Former Uses and Current Uses, Proposed	Pg 16
	Uses	
5.	Ownership	Pg 16
6.	S.W.O.T. Analysis	Pg 17

1. Site History

The History of Linenhall

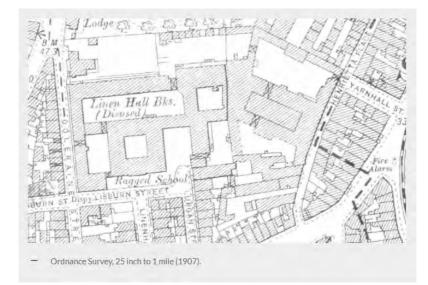
Linen hall, like many buildings in Dublin, Ireland were owned by the British and to me accurate the British Army during the 1870s. The Textile industry grew in Ireland during the 17^{th} century and when the Dutch Merchant by the name of William 3^{rd} founded the Linen Trade in Dublin.

The Linen Hall was proposed in 1722 for several sites in Dublin, however an undeveloped site was chosen and built. It did not open until November 1728. The front façade of Linen hall looked down onto LinenHall Street, which is now called Yarnhall street. A cotton hall and yarn hall had sufficient space to be built in the northeast by 1874. The linen hall building had a large trading floor with 550 bays for storage as well as a large board room for the use of trustees and traders.



The Linnen Hall (Charles Brooking 1728).

The linen trade went into serious decline after the opening of the Belfast Linen Hall in 1783 and was not until the 1880s when the main building was changed from a Linen factory to a Pharmaceutical and veterinary manufacturer and distributor. It was also used temporarily by the British army as barracks during the 1870s. It was also used to house British troops later from time to time.



During the Easter rising the barracks were set on fire on the Wednesday of the Easter week. Oil was poured onto the main floor and with the bed boards to help start the fire, it spread rapidly and almost burnt the dwellings in the vicinity.

Post-independence the Dublin corporation attempted to build slum housing conditions in the city where the former barracks were. The remains of Linen Hall were demolished and 2. 5 Acre site was leased out to a corporation for 99 years which applied for planning permission in 1926 to build 63 four to five roomed houses on the site for the poorer class of workers. However, it is unclear if they were ever erected.

What is left of the site today? The northern boundary of Linen hall survives in the plot to the rear of Linenhall terrace against the Dublin city council houses services. The wall is a calp with limestone with blocked openings and the wall returns north behind the houses on Linenhall parade, before returning east again at the boundary of the King's Inn. The most significant survival in the area is perhaps that of the Thomas Cooley's Yarn hall which was gutted after the fire was started in 1916 however the walls survived at ground level and is part of the Technology University of Dublin formerly known as DIT. Linenhall started as a school of trades in 1963 and is now the main building for the built environments' courses today with courses such as Architecture and Architectural technology. It still houses courses for trades people too.



'Linenhall Barracks, Dublin, shelled' (Keogh Photographic Collection, NLI).



Additional photos of the aftermath of the fire from 1916.



 T.J. Westropp, view of the barracks from Lisburn Street, 1916.



T.J. Westropp, view of the barracks from Lurgan Street, 1916.



 T.J. Westropp, view of the barracks from the corner of Lurgan Street and Lisburn Street (left), 1916.



 T.J. Westropp, view of facade from Lisburn Street, 1916.



'Linenhall Barracks, Dublin, shelled' (Keogh Photographic Collection, NLI).

TU Dublin Linenhall, Henrietta Place, Dublin 1

Photos of Linenhall now.



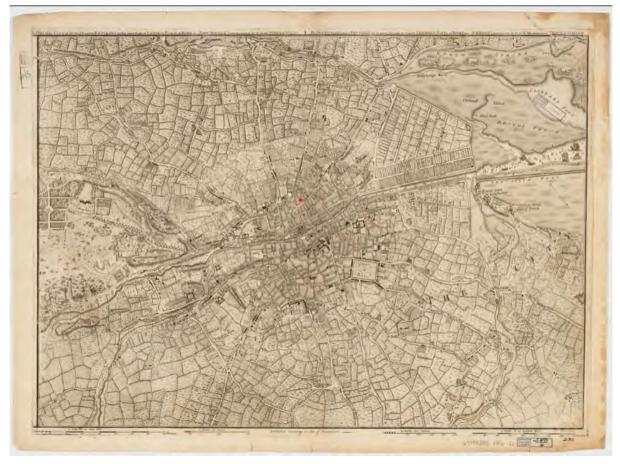
References;

https://thearchaeologyof1916.wordpress.com/2016/04/05/in-search-of-the-linen-hall-barracks/

TU Dublin Linenhall, Henrietta Place, Dublin 1

2. Site Maps

With this section I will be going through the UCD historic maps collection and any maps I find of the site I will get a snip and get the year the map and the author of the map.



1756 full map of city of Dublin John Rocque

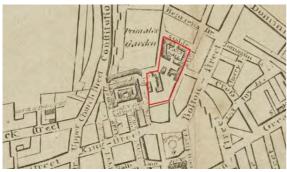


1756 Sheet 2 of city of Dublin John Rocque

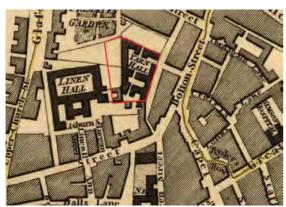
1756 close snip of site from city of Dublin John Rocque



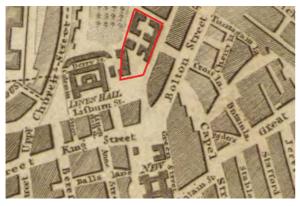
1757 close snip of site from city of Dublin John Rocque



1782 close snip of site from A plan of Dublin by Samuel Byron



1797 close snip of site from A plan of the city of Dublin by William Faden



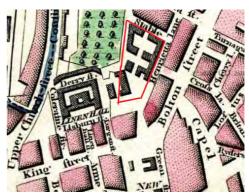
1800 close snip of site from new plan of the city of Dublin by Wilson's Dublin Directory



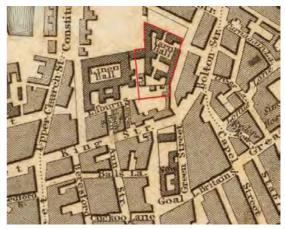
1773 close snip of site from An Accurate Survey of the City and Suburbs of Dublin by Mr. Rocque with Additions, and Improvements; By Mr. Bernard



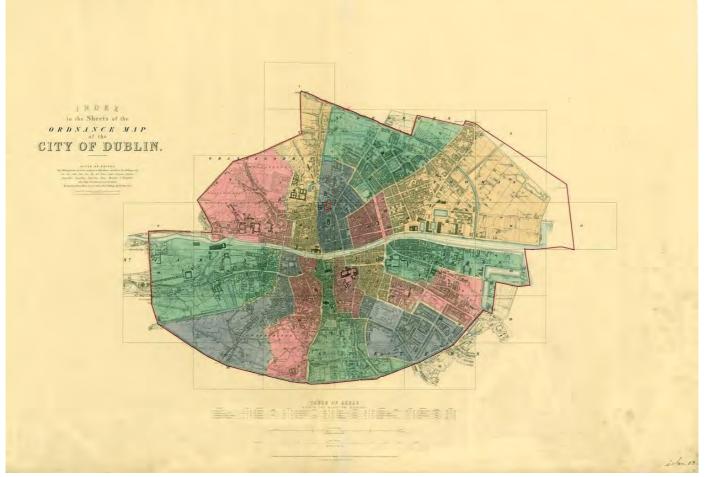
1782 close snip of site from Plan of the city of Dublin taken from an actual survey from universal scots almanack by John Robertson



1798 close snip of site from Modern Plan of The City And Environs Of Dublin by William M Wilson



1836 close snip of site from City of Dublin by W.B. Clarke



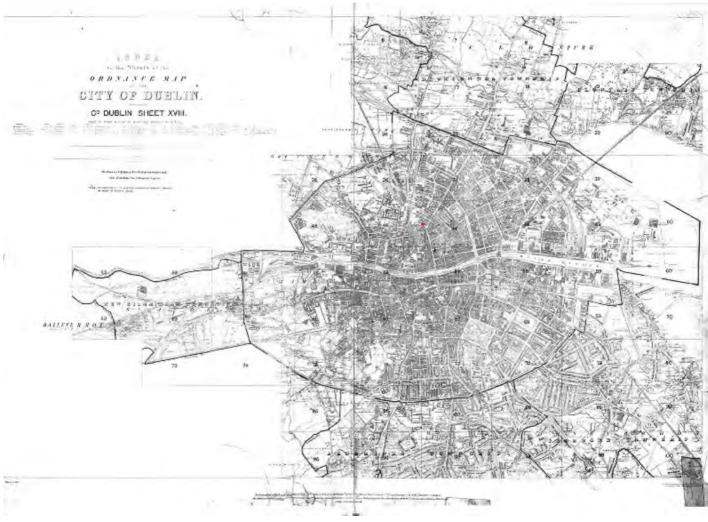
1848 OS map of city of Dublin (The red lines in the map is the site)



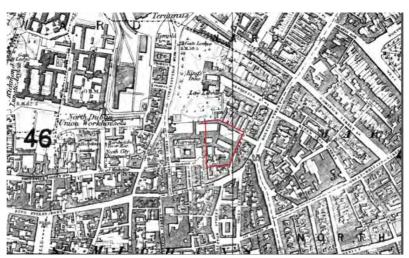
1848 close snip of site from OS map of city of Dublin



1859 close snip of site from Fraser's map of Dublin & environs



1897 OS Map city of Dublin (sheet XVII) (The red in the map is the site area)



1897 close snip of site from sheet 46 & 47 OS Map city of Dublin (sheet XVII) as site was in between two sheets



2017 OS Map (map sheet: 3263-04 3263-05)



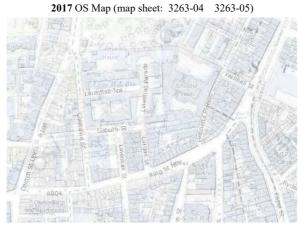
Overlaid of historic (1837-1842) and modern maps of close snip of site



2013 OS Map (map sheet: 3263-04 3263-05)



Overlaid of historic (1888-1913) and modern maps of close snip of site



Overlaid of historic and modern maps of close snip of site

References;

https://libguides.ucd.ie/findingmaps/mapshistDublin

3. Planning and Development Status

Planning Permission History

Planning Application Reference: 1921/98
Application Type: Permission
Application Date: 6th July 1998
Registration Date: 17th August 1998
Decision Date: 18th November 1998
Applicant: Dublin Institute of Technology
Agent: Crean Salley Architects
Proposal: Two storey extension to existing two storey entrance building.

Planning Application Reference: D0445/03
Application Type: Protected Structures Declaration (S57)
Application Date: 11th March 2003
Registration Date: 11th March 2003
Decision Date: 25th September 2003
Applicant: Dublin Institute of Technology
Agent: Dublin Institute of Technology
Main Location: Stone entrance gated archway, Yarnhall Street/Henrietta Place, Dublin 1.

Planning Application Reference: 2854/09
Application Type: Planning Permission
Application Date: 23rd of April 2009
Registration Date: 23rd of April 2009
Decision Date: 23rd of July 2009
Applicant: Dublin Institute of Technology
Agent: Crean Salley Architects
Main Location: Provision of new single storey substation and switch room to courtyard and provision of single storey extension to existing ground floor switch room to main building of Dublin Institute of Technology School of Trades.

Planning Application Reference: 2380/13

Application Type: Planning Permission Application Date: 26th March 2013 Registration Date: 26th March 2013 Decision Date: 15th May 2013 Final Grant Date: 31st July 2013

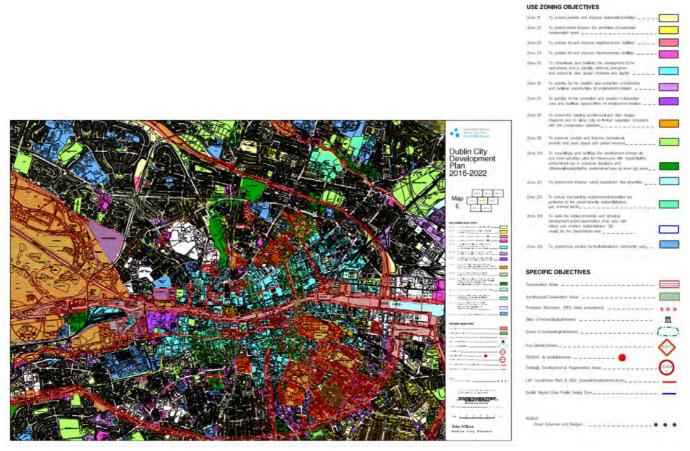
Applicant: Dublin Institute of Technology

Agent: DMOD Architects

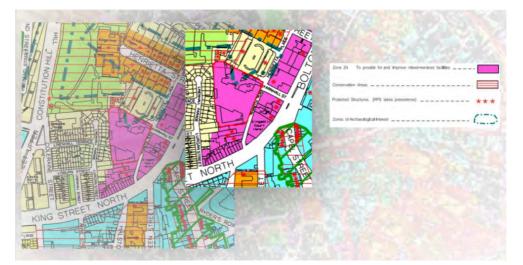
Proposal: PROTECTED STRUCTURE: Construction of new single storey Foyer and Gallery extension in a re-landscaped front courtyard at the DIT Linenhall Building and the construction of a new emergency exit from the building onto Henrietta Place.

Development Plan Zoning and Policy

The site is situated in an area zoned Objective "Z4 to provide for and improve mixed services facilities" in the Dublin City Development Plan 2016-2022.

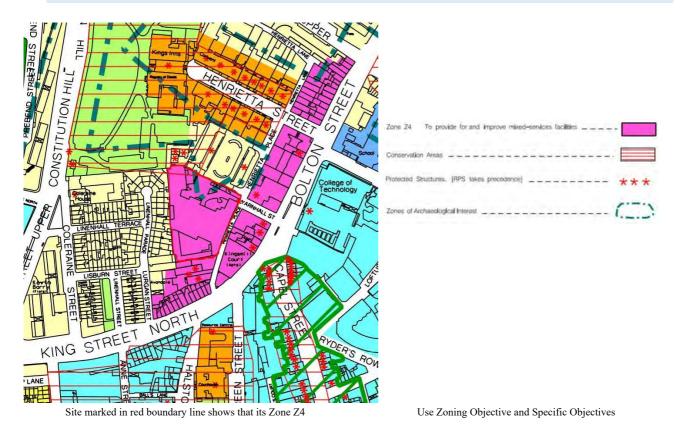


Dublin City Development Plan 2016-2022 Map E



Site marked in red boundary line shows that its Zone Z4

I did email John Beattie who is a conservation officer for Dublin City Council who confirmed that it was a Z4 area and had a protective structure being the archway. But he was looking into the zone of archeological interest and conservation area but has still to contact me on this.



The protected structure is the stone entrance gate / archway to College of Technology (Ref: 3648 RPS page 130).

Sorted	RPS Ref No	House No	Full Address	Post Code	Description
3601	3647	_	Henrietta Place, Dublin 1	Dublin 1	Henrietta House
3602	3648		Henrietta Place, Dublin 1	Dublin 1	Stone entrance gate/archway to College of Technology (opposite Yarnhall Street)
3603			Henrietta Place, Dublin 1	Dublin 1	Printing Works - see Yamhall Street/Henrietta Place

Volume 4 record of protection structures page 130

Volume 4 | Record of Protected Structures







Dublin City Development Plan 2016-2022. protection structures

14 | Page

Both figures are pictures got from the The National Inventory of Architectural Heritage Volume 4 record of it is parts of the protected structure entrance of TU Dublin college.

TU Dublin Linenhall, Henrietta Place, Dublin 1

"This well-executed carriage arch, designed by Thomas Cooley, provides an interesting architectural and artistic element on the streetscape. It was formerly the entrance to the City Linenhall and Yarnhall, built for the storage of yarn and linen in the city"



Archway toTU Dublin College



maps archaeology ie website map highlighting the entrance

"Round-headed arch, built c.1781, opening from TU Dublin college to Yarnhall Street and Henrietta Place. Cut granite walling with rectangular fascia and with moulded surround to top. Granite Tuscan columns on square plinth bases having square capitals with blocking course having round bosses supporting moulded dentillated granite projecting cornice. Rusticated gauged granite voussoirs to arch, moulded bust to keystone. Roughcast rendered wall to rear of arch. Double-leaf cast-iron gate with decorative upper part. Granite wheel-guards flanking entrance."

References;

http://www.dublincity.ie/swiftlg/apas/run/wphappcriteria.display

http://www.dublincity.ie/main-menu-services-planning-city-development-plan/dublin-city-develop ment-plan-2016-2022

http://www.dublincity.ie/main-menu-services-planning-heritage-and-conservation-conservation/prot ected-structures

https://www.buildingsofireland.ie/buildings-search/building/50011173/dit-faculty-of-engineering-henrietta-place-yarnhall-street-dublin-dublin-city

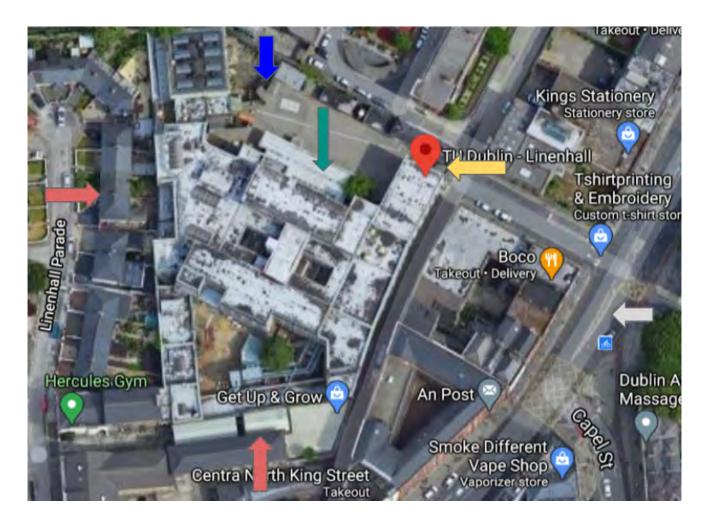
https://maps.archaeology.ie/historicenvironment/?REG_NO=50011173

4. Former Uses and Current Uses, Proposed Uses & 5. Ownership

Former, Current, Future Ownership of Linen Hall

- In 1711 was a Linen House for the board of the Linen and Hempen Manufacturers of Ireland.
- In 1870 it was an Army barracks for the British Army
- In the 1880s parts were occupied by the firm of Hugh, Moore and Alexanders Ltd. who had branched off from the linen trade to focus on the manufacture, sale and distribution of veterinary and pharmaceutical products.
- Was burnt down during the 1916 Easter rising
- In 1925 the 2^{1/4} acre site was leased to the Corporation for 99 years for the erection of 70 temporary dwellings 'for the poorer class of workers' (Dublin Corporation Reports and Printed Documents (Housing Committee).
- In 1963 became a school of trades and joined DIT which was college of technology
- It became an architectural and architectural technology as well as a trade school later and is now part of the Technological University Dublin since 2018.
- With buildings that are dotted around Dublin and part of the University are being moved to new TUD campus in Grangegorman and the buildings sold off, Bolton Street college and linen Hall may be moved in the future and the buildings sold off.

6. S.W.O.T. Analysis



Strengths

- Good location Dublin 1, close proximity to other facilities, shops and public transport
- Extended Foyer and Gallery in a re-landscaped front courtyard
- Good access to daylight in majority of the rooms
- Existing lift with indicators and controls suitable for use by the disabled

Weaknesses

Poor external and internal maintenance



Protected structure - the gate at the entrance to the site



Noise pollution from surrounding traffic

Small poor quality public space to the north

- No dedicated car park for the building
 - Close proximity to other buildings especially from the south and west sides
- Lack of a big internal public space
- Lack of existing soft landscape

Opportunities

- Preserve or enhance the character of the protected structure
- Buffer the noise pollution from adjacent infrastructure
- Provide high quality public open space
- Provide better facilities for the users of the building
- Improve the quality of the built form on the site and its relationship with the public realm
- Maximise the site's sustainability potential
- Incorporate renewable energy technologies where possible
- Introduce soft landscape across the site

Threats

- Objections to a development from surrounding buildings and owners of dwellings
- Refusal from Dublin City Council
- Allocating students during the construction process



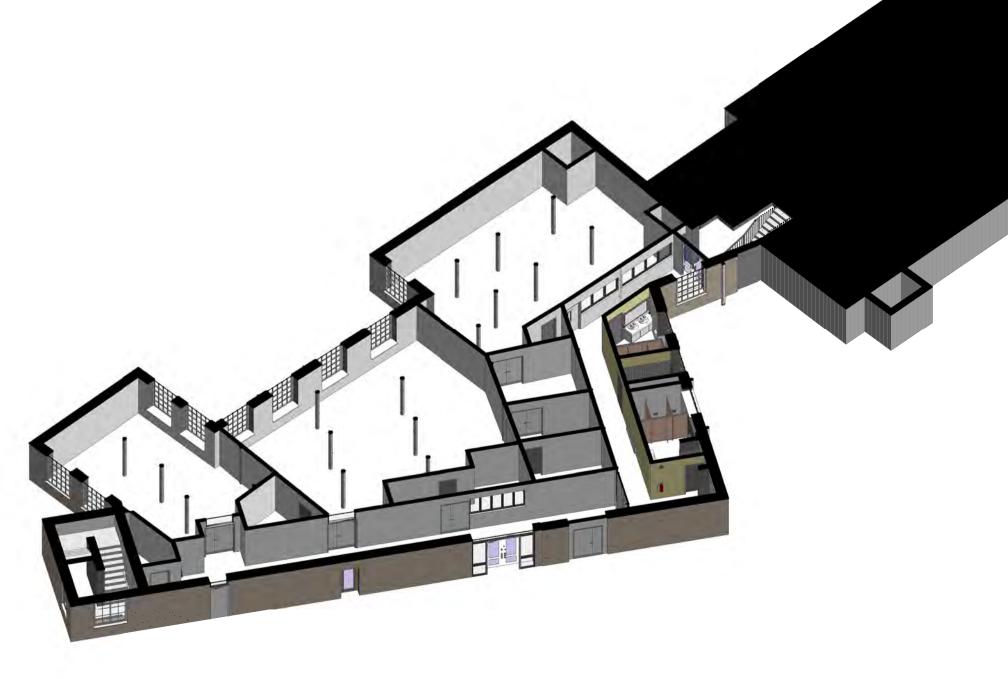
The Linenhall

SURVEY & MODELLING

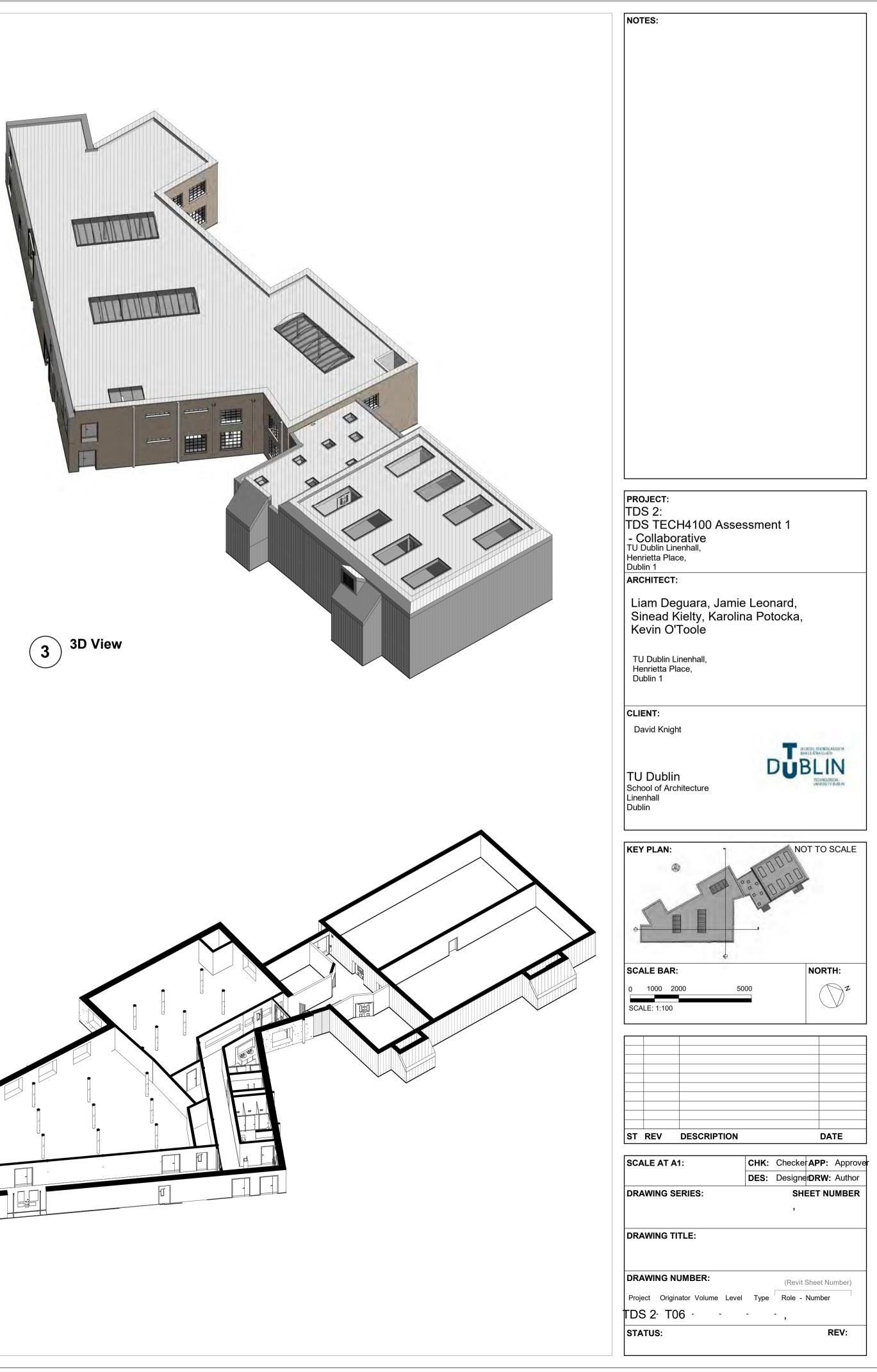
Group 6 ~ Liam Deguara ~ Jamie Leonard ~ Sinead Kielty ~ Karolina Potocka ~ Kevin O'Toole

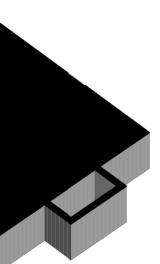
Content

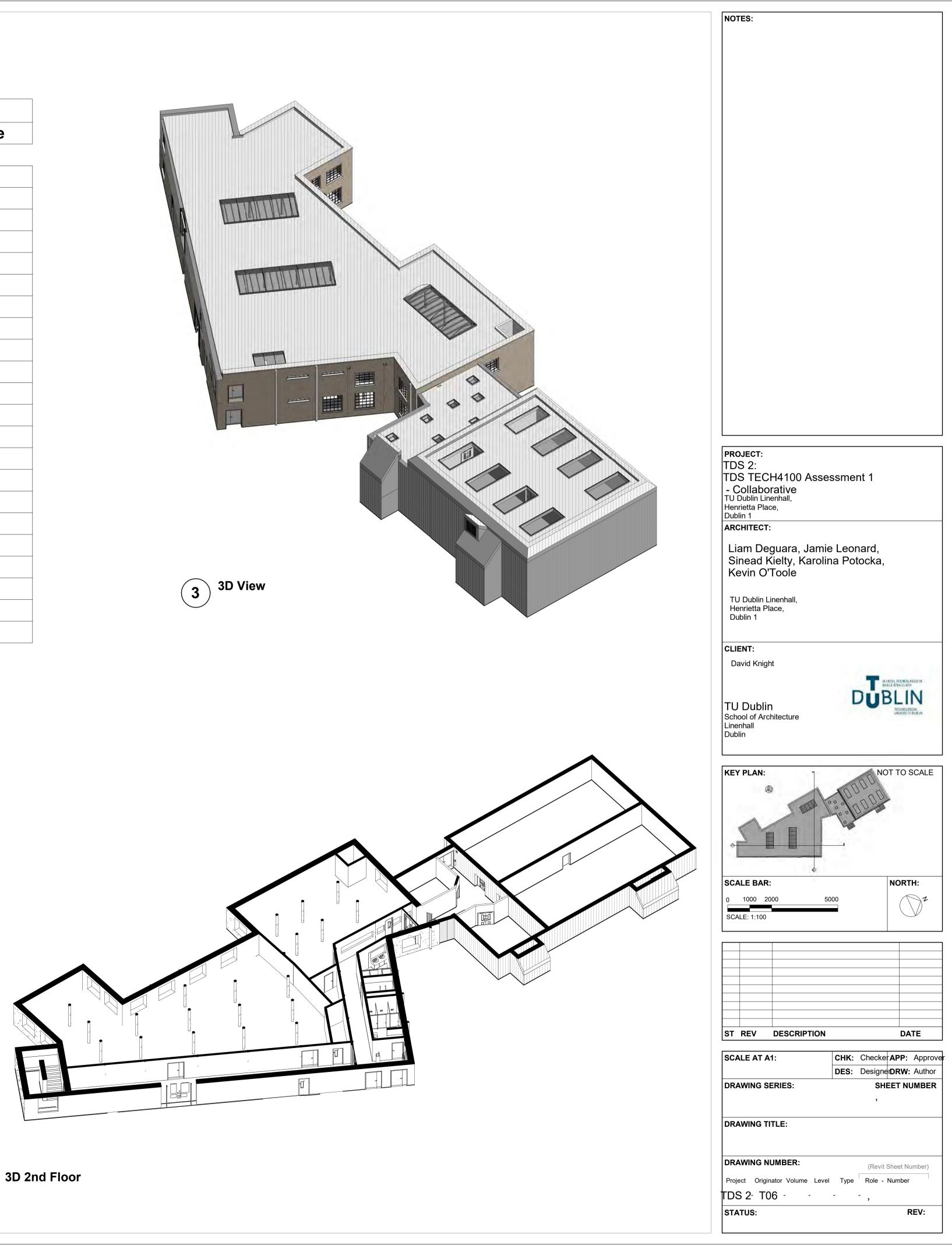
Sheet Schedule List				
Sheet Number	Sheet Name	Sheet Issue Date		
3				
•				
A101	OS MAP	10/30/20		
A102	EXISTING SITE PLAN	10/30/20		
A103	EXISTING 1ST FLOOR PLAN	10/30/20		
A104	EXISTING 2ND FLOOR PLAN	10/30/20		
A105	EXISTING ROOF PLAN	11/03/20		
A106	EXISTING 1ST FLOOR FINISHES PLAN	11/03/20		
A107	EXISTING 2ND FLOOR FINISHES PLAN	11/03/20		
A108	EXISTING 1ST FLOOR REFLECTED CEILING PLAN	11/03/20		
A109	EXISTING 2ND FLOOR REFLECTED CEILING PLAN	11/03/20		
A110	ELEVATIONS	11/03/20		
A111	ELEVATIONS	11/03/20		
A112	3D CONDITION REPORT	11/03/20		
A113	SECTIONS	11/03/20		
A114	Sample WC - Disabled	11/03/20		
A115	Sample WC - Male	11/04/20		
A116	Sample WC -Female	11/05/20		
A117	WINDOW SCHEDULE	11/03/20		
A118	WINDOW SCHEDULE 2	11/05/20		
A119	WINDOW SCHEDULE 3	11/05/20		
A120	DOOR SCHEDULE	11/03/20		



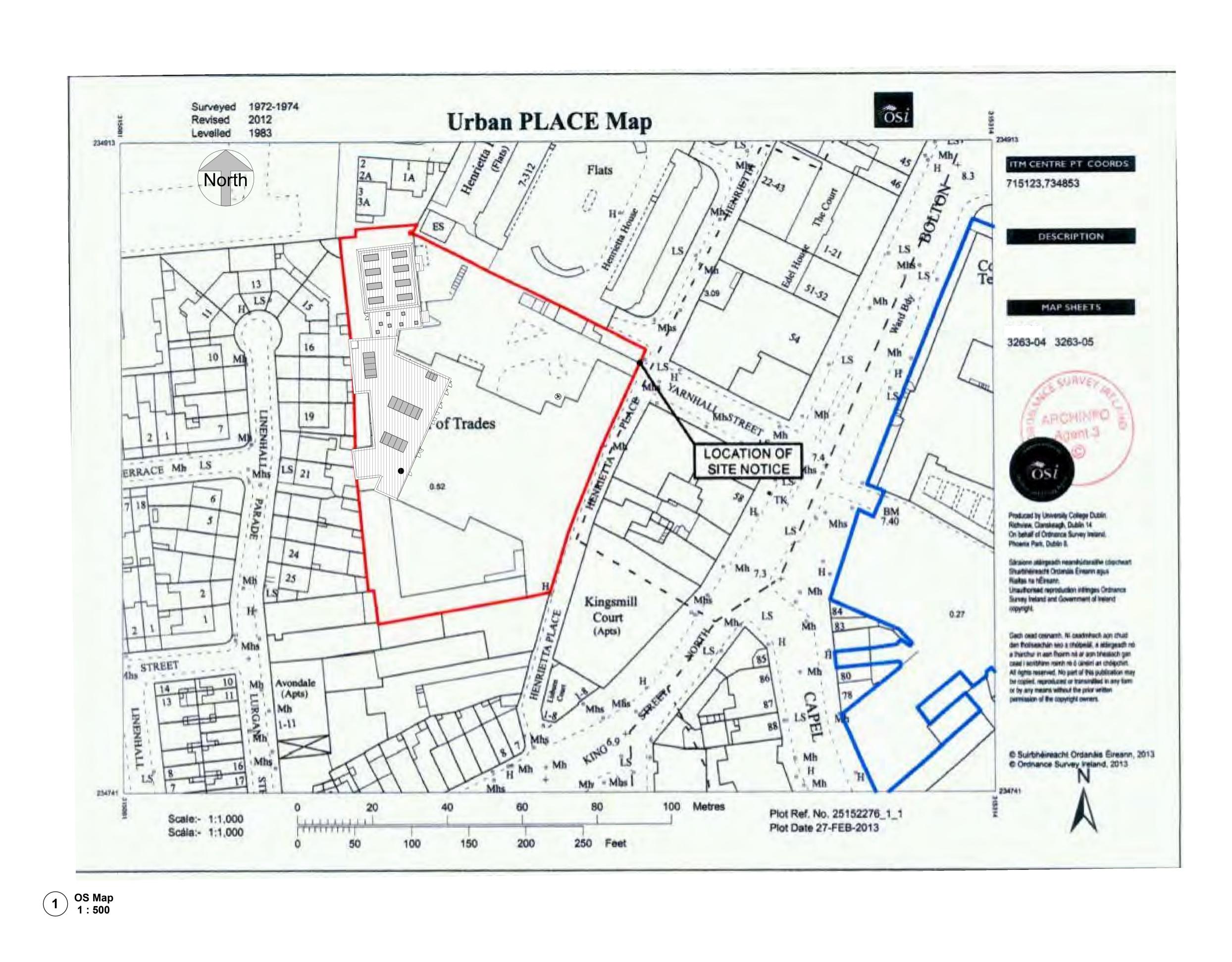
1 3D 1st Floor



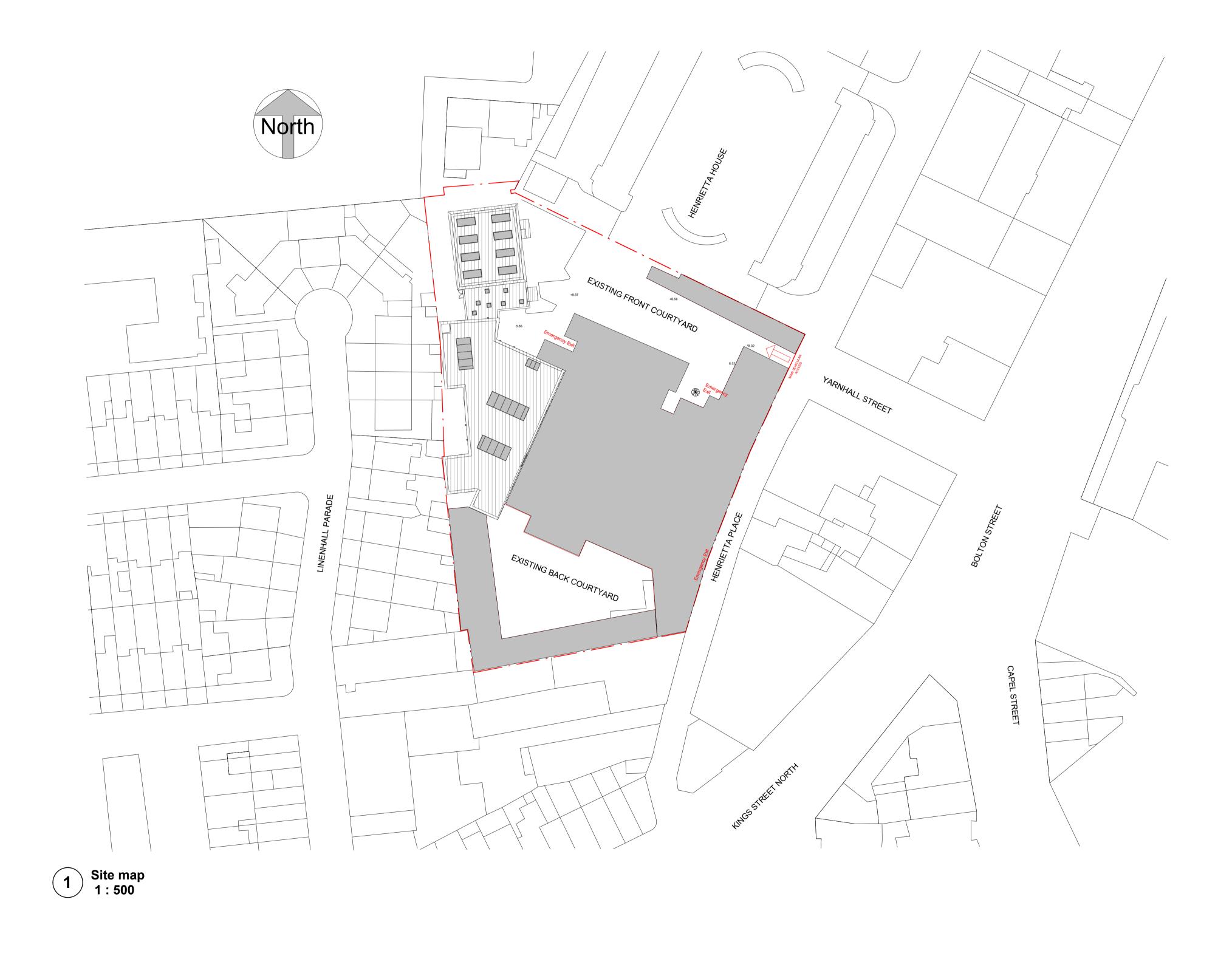




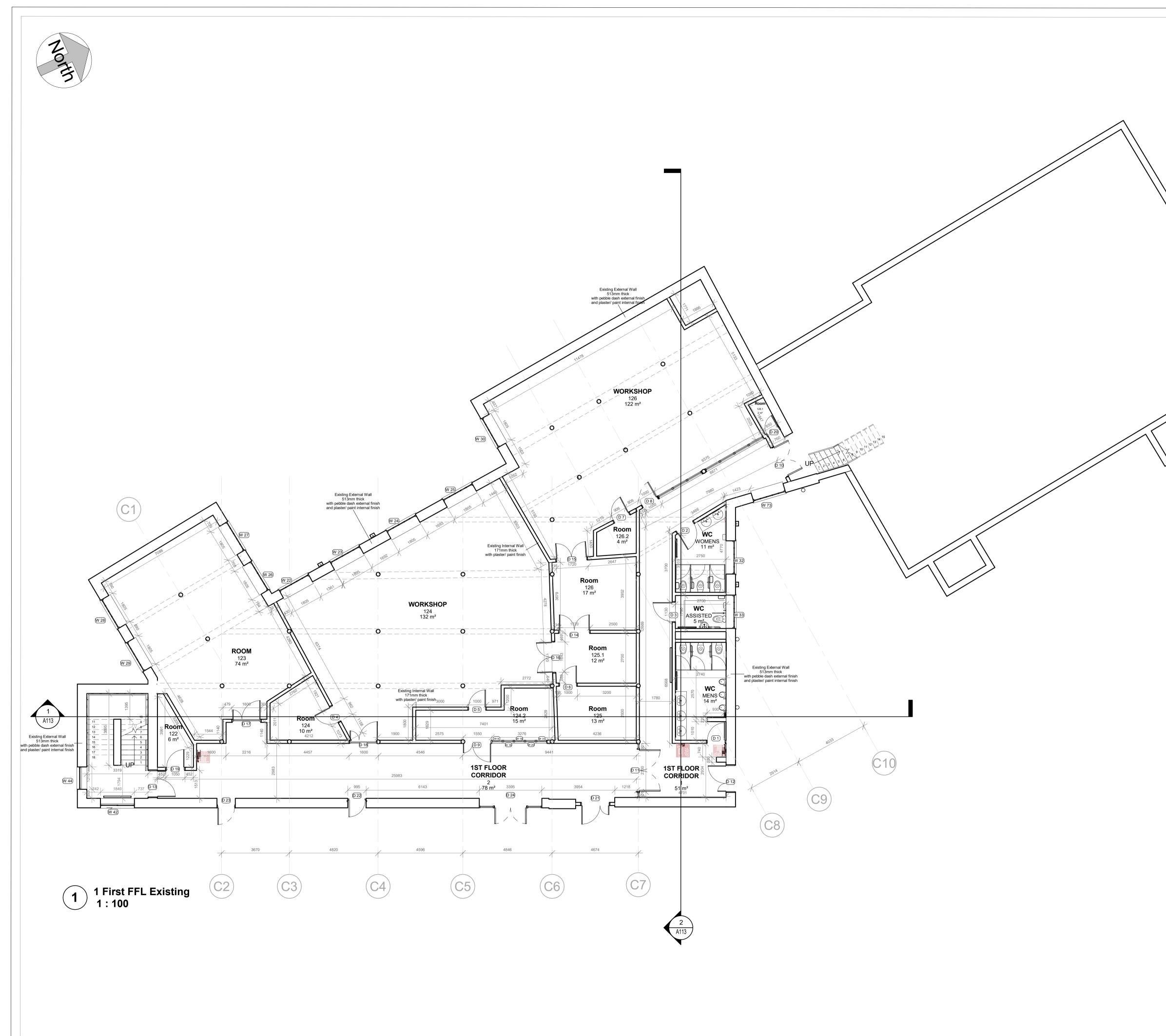




NOTES:		
PROJECT: TDS 2:		
TDS TECH4100 Asses	ssment 1	
TU Dublin Linenhall, Henrietta Place,		
Dublin 1 ARCHITECT:		
Liam Deguara, Jamie		
Sinead Kielty, Karolin Kevin O'Toole	ια μοιοςκα,	
TU Dublin Linenhall,		
Henrietta Place, Dublin 1		
CLIENT:		
David Knight		
TU Dublin School of Architecture	TECHNOLOGICAL UNITERSITY DURLIN	
Linenhall Dublin		
		. –
KEY PLAN:	NOT TO SCA	LE
	2	
SCALE BAR:	NORTH:	
0 1000 2000 50	00	2
SCALE: 1:100		
ST REV DESCRIPTION	DATE	
SCALE AT A1 : 1 : 500	CHK: David APP: Da	
DRAWING SERIES:	DES: Team 6 DRW: Te	
Existing Survey -	A101	
DRAWING TITLE: OS MAP		
DRAWING NUMBER: Project Originator Volume Level	(Revit Sheet Number	er)
TDS 2- T06		
STATUS:	REV	:

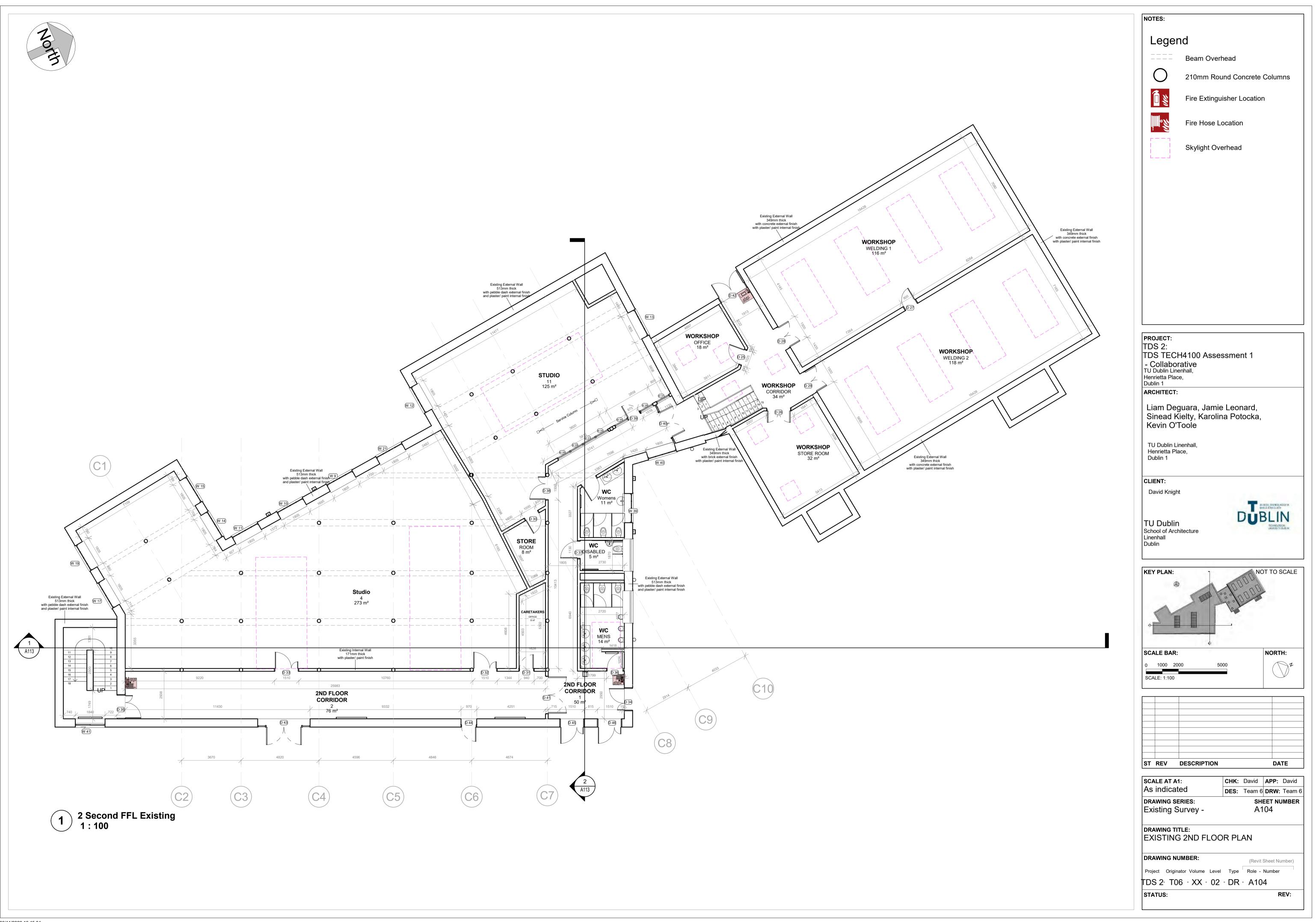


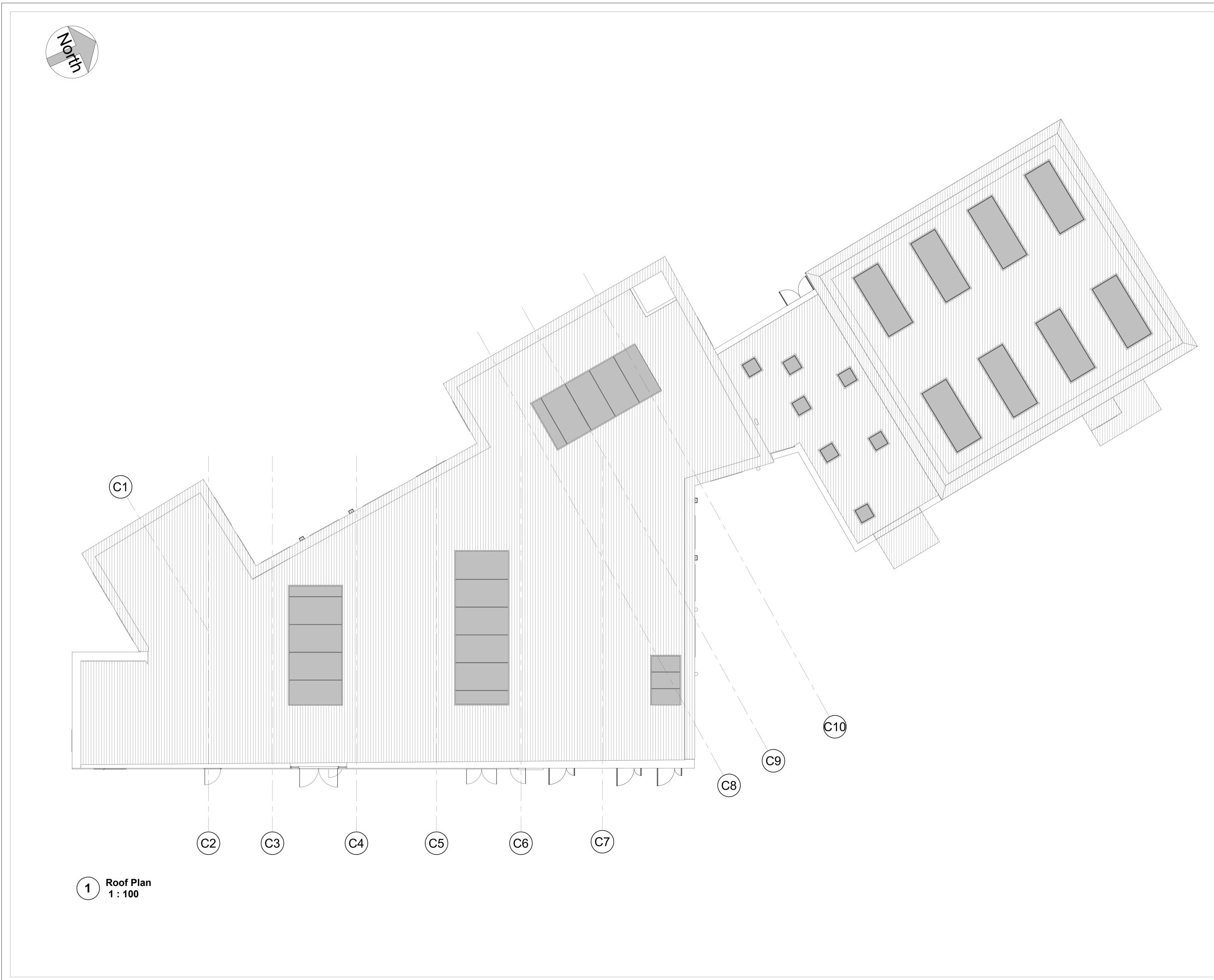
NOTES:		
PROJECT: TDS 2:		
TDS TECH4100 Asse	ssment 1	
TU Dublin Linenhall, Henrietta Place,		
Dublin 1 ARCHITECT:		
Liam Deguara, Jamie Sinead Kielty, Karolir		
Kevin O'Toole	ia Folocka,	
TU Dublin Linenhall,		
Henrietta Place, Dublin 1		
CLIENT:		
David Knight	1.4	23.5 B
	DUB	
TU Dublin School of Architecture Linenhall	-0-	TECHNOLOBICAL UNIVERSITY DUBLIN
Dublin		
KEY PLAN: 1	NO	T TO SCALE
	10000 m	T TO COME
	00000000	
STE	le d	
SCALE BAR:		NORTH:
	000	Z
SCALE: 1:100		
ST REV DESCRIPTION		DATE
scale at a1: 1 : 500	CHK: David DES: Team 6	
DRAWING SERIES: Existing Survey -	SHE A1	et number 02
DRAWING TITLE: EXISTING SITE PLAN		·
DRAWING NUMBER:		
Project Originator Volume Level		Sheet Number) Number
TDS 2- T06		2
STATUS:		REV:



PROJECT: TDS 2: TDS TEQ - Collab TU Dublin L Henrietta P Dublin 1 ARCHITEC Liam D Sinead Kevin C
Dublin 1 CLIENT: David Kni TU Dubl School of A Linenhall Dublin
SCALE BA
ST REV SCALE AT As indica DRAWING Existing DRAWING EXISTIN DRAWING Project Orig

NOTES:						
Legend						
Bea	im Overhead					
	mm Round Concrete Columns					
Fire Fire	Extinguisher Location					
Fire	Hose Location					
PROJECT:						
TDS 2: TDS TECH4100) Assessment 1					
- Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1						
Dublin 1 ARCHITECT:						
	Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole					
TU Dublin Linenhall, Henrietta Place, Dublin 1						
CLIENT: David Knight						
Datia rangin	IN ISCOL ELEMIOLADORTA BHALE ATHA GURTH					
TU Dublin School of Architecture						
Linenhall Dublin						
KEY PLAN:	NOT TO SCALE					
*	00000					
STI	E					
	•					
SCALE BAR: 0 1000 2000	5000 NORTH:					
SCALE: 1:100						
	RIPTION DATE					
SCALE AT A1: As indicated	CHK:DavidAPP:DavidDES:Team 6DRW:Team 6					
DRAWING SERIES: Existing Survey	r - A103					
drawing title: EXISTING 1ST	FLOOR PLAN					
DRAWING NUMBER	(Revit Sheet Number)					
	me Level Type Role - Number X - 01 - DR - A103					
-						





NOTES:

PROJECT:

TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1

ARCHITECT:

Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole

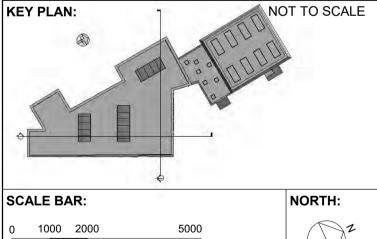
TU Dublin Linenhall, Henrietta Place, Dublin 1

CLIENT: David Knight

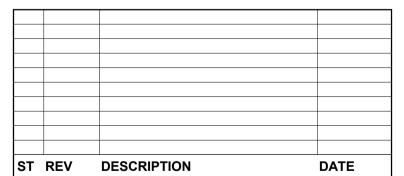
TU Dublin School of Architecture Linenhall Dublin



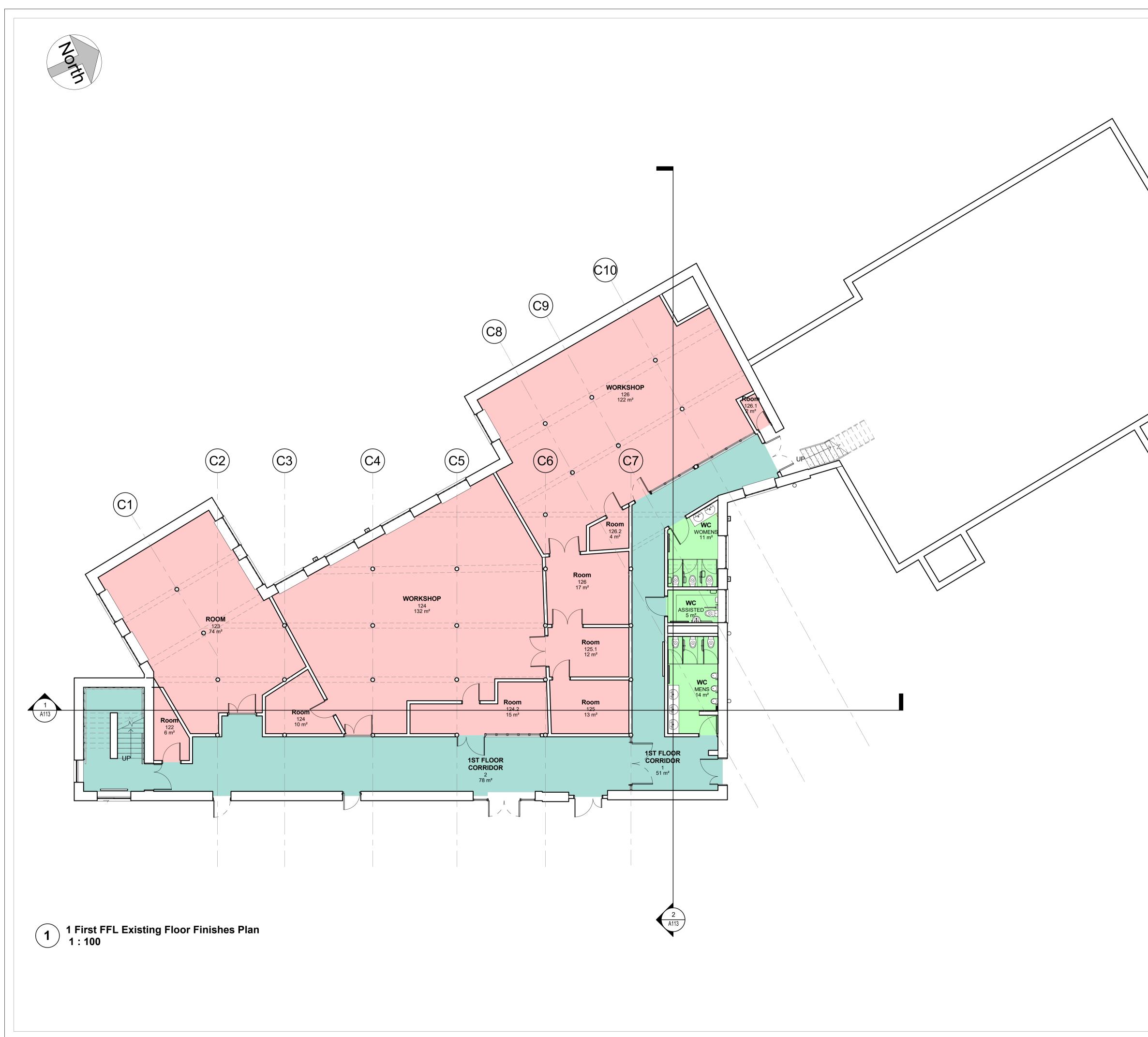
KEY PLAN:



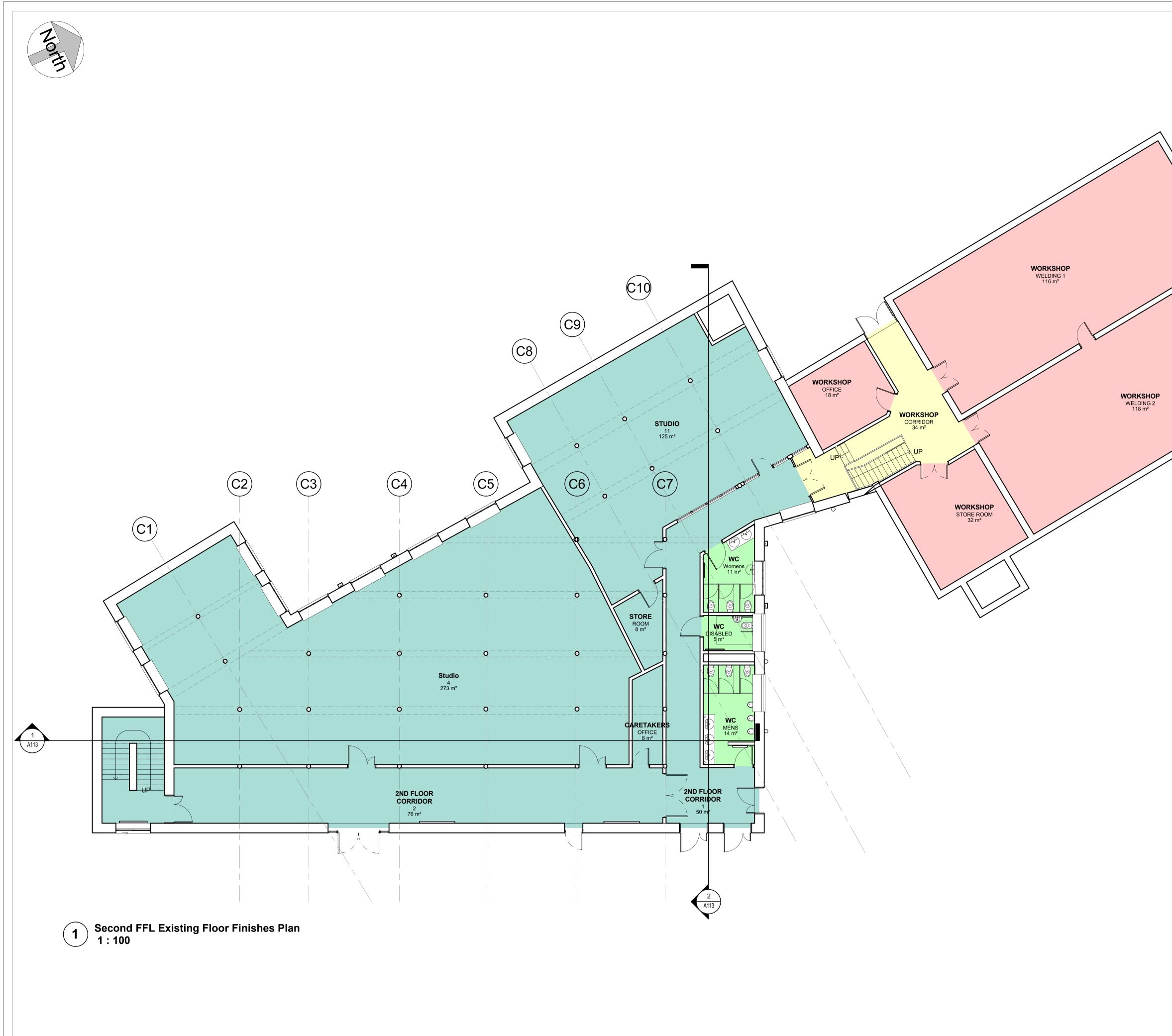
1000 2000 5000 SCALE: 1:100



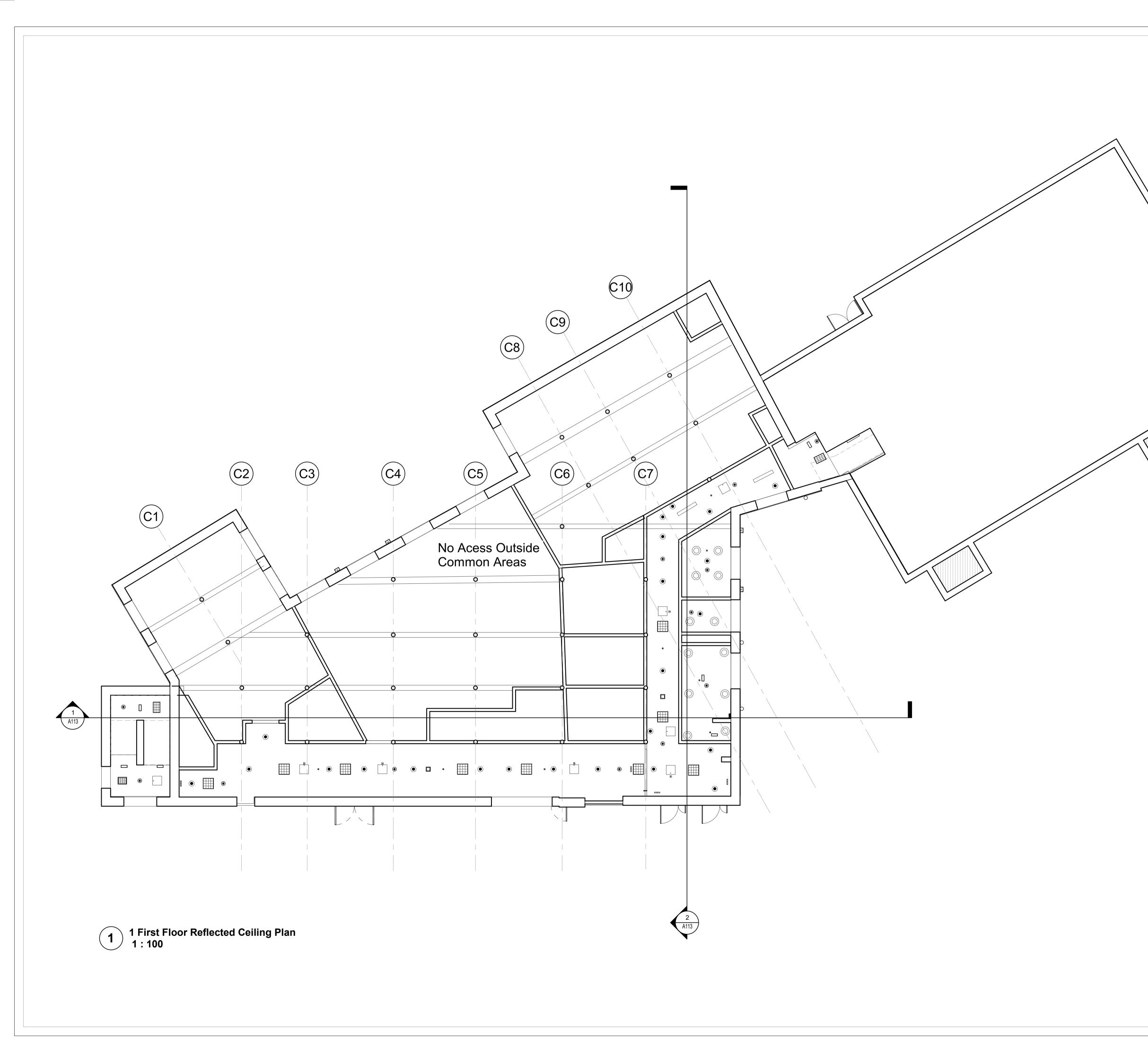
SCALE AT A1: CHK: David APP: David 1:100 DES: Team 6 DRW: Team 6 SHEET NUMBER A105 DRAWING SERIES: Existing Survey -DRAWING TITLE: EXISTING ROOF PLAN DRAWING NUMBER: (Revit Sheet Number) Project Originator Volume Level Type Role - Number TDS 2- T06 - XX - R1 - DR - A105 STATUS: **REV**:



NOTES: Floor Finishes Schedule Concrete Timber Vinyl
PROJECT: TDS 2: DDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight School of Architecture Linenhall Dublin Key PLAN: NOT TO SCALE
SCALE BAR: NORTH: 0 1000 2000 5000 SCALE: 1:100 Image: Construction of the second secon



NOTES:
Floor Finishes Schedule Concrete Tile Timber Vinyl
PROJECT: TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrieta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, TU Dublin Linenhall, Henrieta Place, Dublin 1 CLENT: David Knight Description School of Architecture Dublin Dublin 1 Stool of Architecture Dublin 5000 Scale BAR: NORTH: 0 100 2000 5000 Scale EAR: NORTH: 0 100 2000 5000 Scale EAR: NORTH: 0 100 2000 5000 Scale T:100 Date Scale EAR: NORTH: 0 100 2000 5000 Scale T:100 Date Scale T:100 <td< th=""></td<>



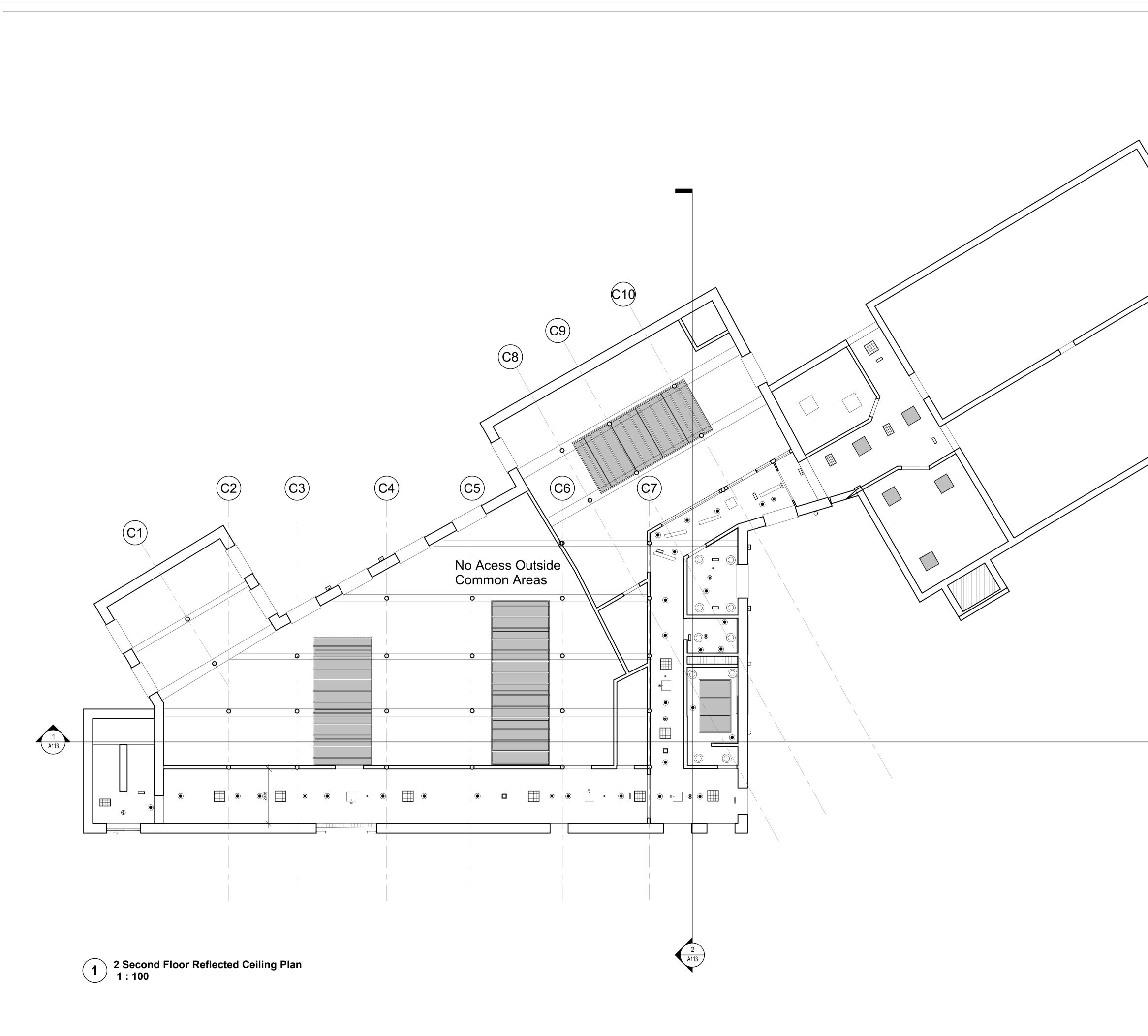
NOTES:
Ceiling Legend
210mm Round Concrete Columns
Sprinkler
 Sensor
Fire Detector Oparator
E Emergency Exit Ceiling Light
Fire Detector
Emergency Light
Emergency Light
WC Light
Common Areas Light
° Services Acess Opening
<mark>Ркојест:</mark> TDS 2: TDS TECH4100 Assessment 1 - Collaborative
TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT:
Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole
TU Dublin Linenhall, Henrietta Place, Dublin 1
CLIENT: David Knight
TU Dublin School of Architecture Linenhall Dublin
KEY PLAN:
SCALE BAR: NORTH:
0 1000 2000 5000 SCALE: 1:100
ST REV DESCRIPTION DATE
SCALE AT A1:CHK: DavidAPP: DaAs indicatedDES: Team 6DRW: Te
Drawing series:SHEET NUMEExisting Survey -A108
DRAWING TITLE: EXISTING 1ST FLOOR REFLECTED CEILING PLAN
DRAWING NUMBER: (Revit Sheet Number Project Originator Volume Level Type Role - Number
TDS 2- T06 - XX - C1 - DR - A108

it Ceiling Light jht jht s Light s Opening ment 1 eonard, Potocka, DU BLING HERIOLADORE BHALEATHAGUATH DU BLIN ECHICLOBICAL MINUS IT DALLIN

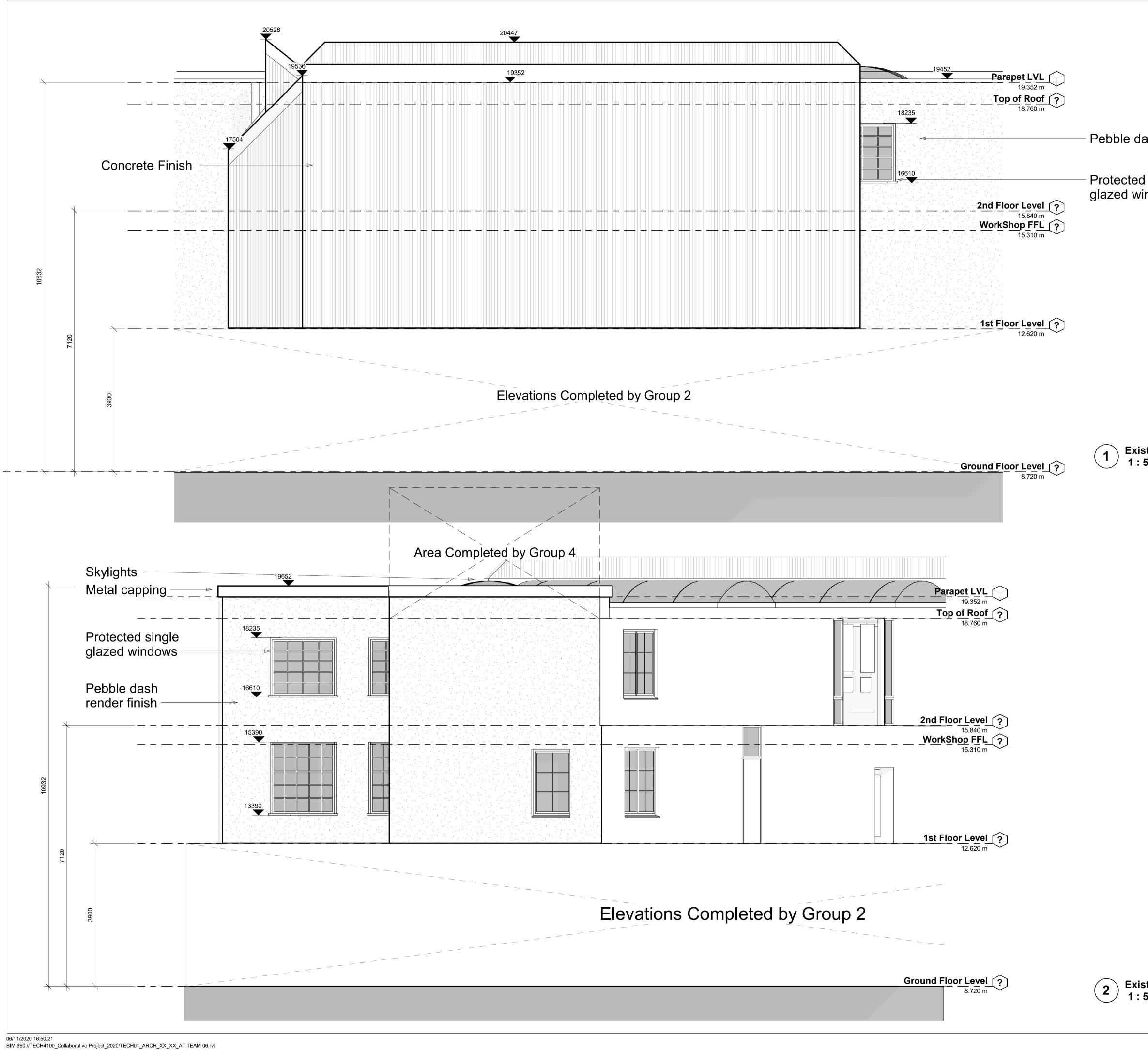
NOT TO SCALE NORTH:

DATE

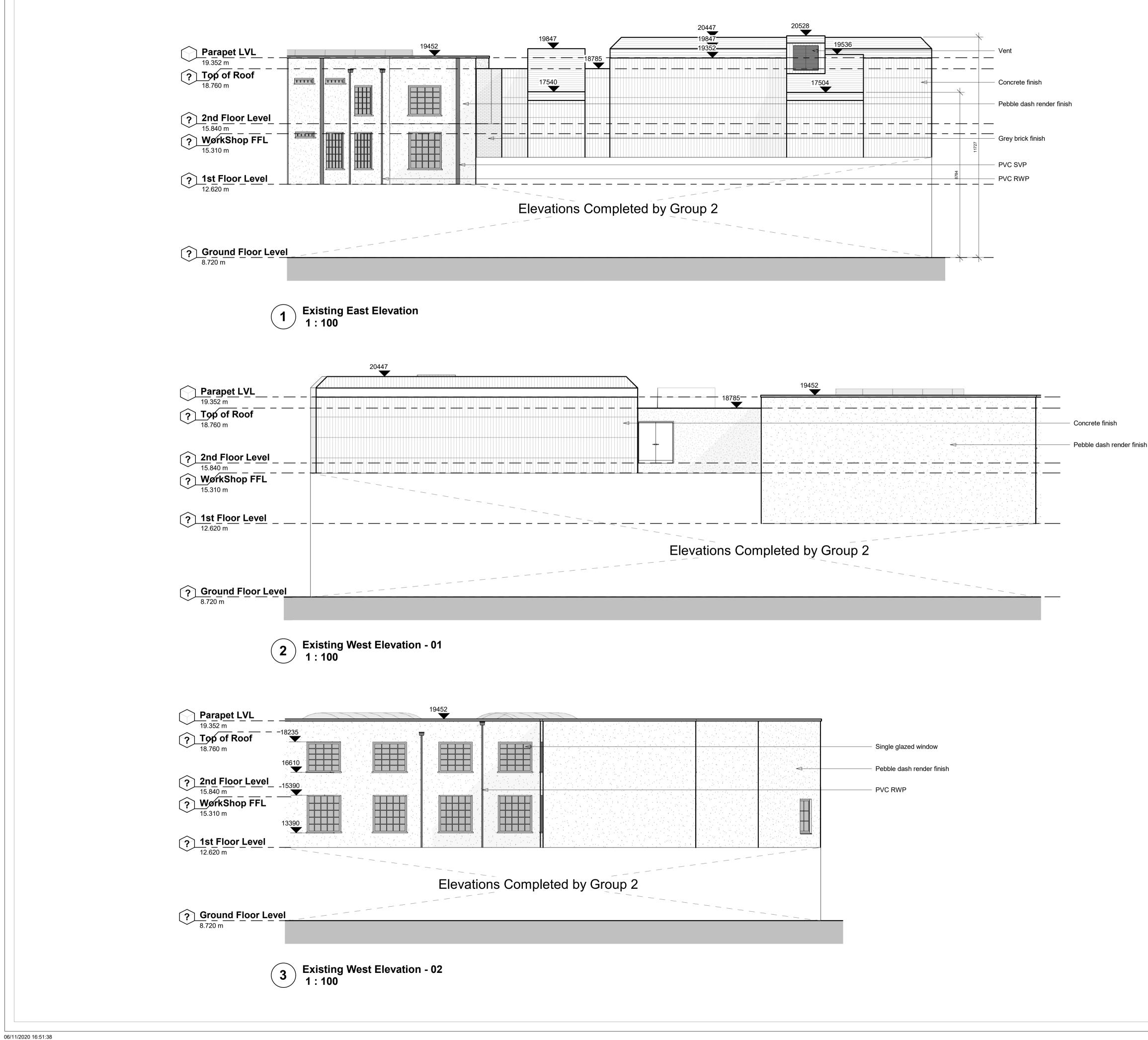
SCALE AT A1:	CHK:	David	APP:	David
As indicated	DES:	Team 6	DRW:	Team 6
DRAWING SERIES : Existing Survey -		sнi A1		IMBER
DRAWING TITLE: EXISTING 1ST FLOOR REFLECTED CEILING PLAN				
DRAWING NUMBER:		(Revit S	Sheet Nu	mber)
Project Originator Volume Level	Туре	Role -	Number	
TDS 2- T06 - XX - C1	- DR	- A10	8	
STATUS:			R	EV:



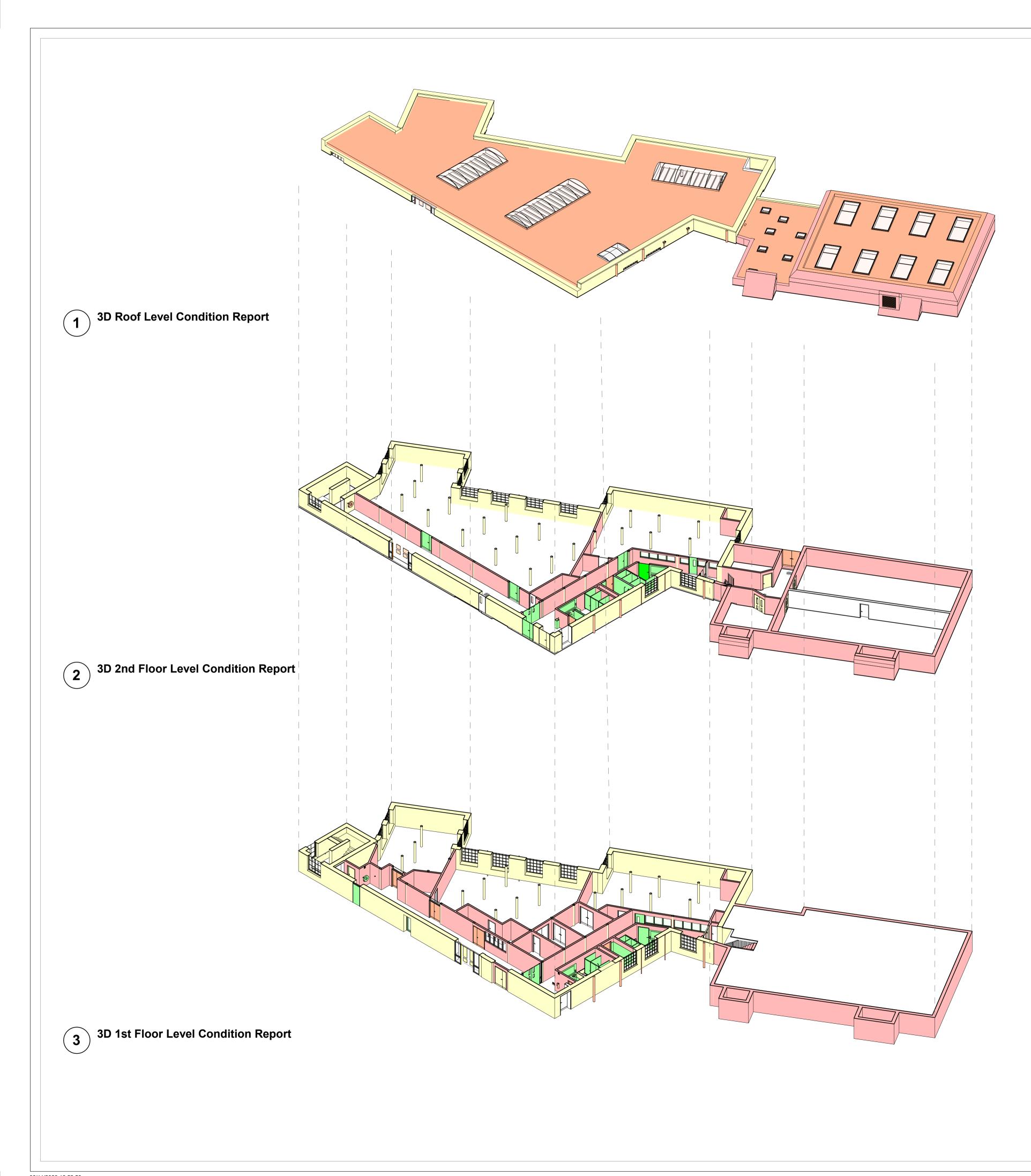
NOTES:
Ceiling Legend
 210mm Round Concrete Columns Sprinkler
Sensor
Fire Detector Oparator
E Emergency Exit Ceiling Light
Fire Detector
Emergency Light
Emergency Light
WC Light
Common Areas Light
° Services Acess Opening
PROJECT: TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place,
Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole
TU Dublin Linenhall, Henrietta Place, Dublin 1
CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin
KEY PLAN:
SCALE BAR: NORTH: 0 1000 2000 5000 SCALE: 1:100 SCALE: 1:100 SCALE: 1:100 SCALE: 1:100
Image:
ST REV DESCRIPTION DATE
SCALE AT A1:CHK: DavidAPP: DavidAs indicatedDES: Team 6DRW: Team 6DRAWING SERIES:SHEET NUMBERExisting Survey -A109
DRAWING TITLE: EXISTING 2ND FLOOR REFLECTED CEILING PLAN DRAWING NUMBER: Project Originator Volume Level Type Role - Number TDS 2- T06 A109 STATUS: REV:



	NOTES:
ash render finish	
d single	
indows	
	PROJECT: TDS 2:
	TDS Z2 TDS TECH4100 Assessment 1
	- Collaborative TU Dublin Linenhall,
	Henrietta Place,
	Dublin 1
sting North Elevation	ARCHITECT:
sting North Elevation 50	Liam Deguara, Jamie Leonard,
50	Sinead Kielty, Karolina Potocka, Kevin O'Toole
	TU Dublin Linenhall,
	Henrietta Place, Dublin 1
	CLIENT:
	David Knight
	TU Dublin
	TU Dublin School of Architecture Linenhall
	TU Dublin School of Architecture
	TU Dublin School of Architecture Linenhall
	TU Dublin School of Architecture Linenhall
	TU Dublin School of Architecture Linenhall Dublin
	TU Dublin School of Architecture Linenhall Dublin
	TU Dublin School of Architecture Linenhall Dublin
	TU Dublin School of Architecture Linenhall Dublin
	TU Dublin School of Architecture Linenhall Dublin
	TU Dublin School of Architecture Linenhall Dublin
	TU Dublin School of Architecture Linenhall Dublin
	<text><text><text></text></text></text>
	<section-header><section-header><text><text><text></text></text></text></section-header></section-header>
	<section-header></section-header>
sting South Elevation	<section-header></section-header>
sting South Elevation	
	<section-header></section-header>



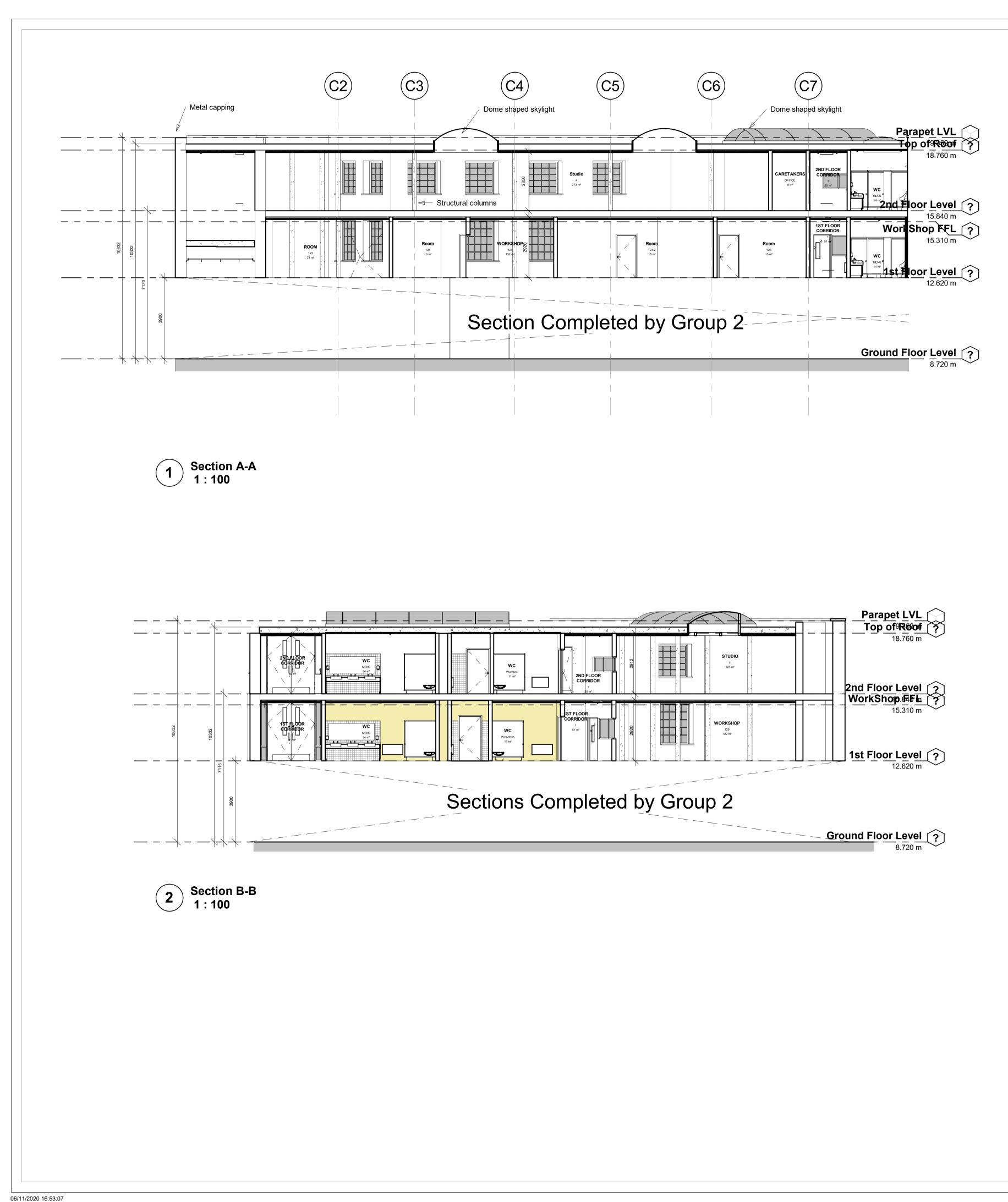
PROJECT: TDS 2: TDS TECH4100 Assessment 1 - Collaborative - Dublin timental, - Public timental, - P	NOTES:	
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW	l la	
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
TDS 2: TDS TECH4100 Assessment 1 - Collaborative TU Dublin Linenhall, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin SCALE BAR: 0 1000 2000 5000 SCALE 1:100 KEY PLAN: 0 1000 2000 5000 SCALE BAR: 0 1000 2000 5000 SCALE 1:100 TO DESCRIPTION SCALE 1:100 TO DESCRIPTION TO DATE SCALE AT A1: 1:00 DTAWING SERIES: Existing Survey - A111 CHK: David APP: David DESCRIPTIONS CREW THE: ELEVATIONS CREW THE: ELEVATIONS CREW THE: CREW		
- Collaborative TU Dublin Linenhali, Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhali, Henrietta Place, Dublin 1 CLIENT: David Knight CLIENT: David Knight KEY PLAN:	PROJECT: TDS 2:	
Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Dublin CHENT: David Knight Scale BAR: 0 1000 2000 5000 SCALE 1100 NORTH: 0 1000 2000 5000 SCALE 1100 NORTH: 0 1000 2000 5000 SCALE 1100 NORTH: 0 1000 2000 5000 SCALE 1100 DES: Team 6 DRWING SERIES: Scale ATA1: 1: 100 DES: Team 6 DRWING SERIES: Scale TA1: 1: 100 DES: Team 6 DRWING SERIES: Scale TA1: 1: 100 DES: Team 6 DRWING SERIES: Scale TA1: 1: 100 DES: Team 6 DRW: Team 7 CRAUNG SERIES: Scale TA1: 10 DRAWING SERIES: 10 DRAWING SERIES:	TDS TECH4100 Assessment 1 - Collaborative	
Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Dublin School of Architecture Discover School School of Architecture Discover School of Architecture Disc	TU Dublin Linenhall, Henrietta Place, Dublin 1	
Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Dublin Were plan:	ARCHITECT:	
Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin School of Architecture Linenhall 0 1000 0 2000 SCALE BAR: 0 1000 0 1000 SCALE: 1:100 Image: Construction of the second seco	Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka,	
Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	Kevin O'Toole	
Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:		
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:		
TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	CLIENT:	
TU Dublin School of Architecture Linenhall Dublin KEY PLAN: Image: strain of the		HICHIG ADDITA
School of Architecture Linenhall Dublin Avertice and the second seco		LIN
KEY PLAN: Image: Constraint of the second secon	School of Architecture	RECEINDUDECKI.
SCALE BAR: 0 1000 2000 5000 SCALE: 1:100 SCALE: 1:100	Dublin	
0 1000 2000 5000 SCALE: 1:100 Image: Constraint of the second seco	KEY PLAN: NOT	TO SCALE
0 1000 2000 5000 SCALE: 1:100 Image: Constraint of the second seco		
0 1000 2000 5000 SCALE: 1:100 Image: Constraint of the second seco		
0 1000 2000 5000 SCALE: 1:100 Image: Constraint of the second seco	a de la contraction de la cont	
0 1000 2000 5000 SCALE: 1:100 Image: Constraint of the second seco		
SCALE: 1:100 SCALE: 1:100 SCALE: 1:100 ST REV DESCRIPTION DATE SCALE AT A1: CHK: David APP: David 1 : 100 DATE SCALE AT A1: CHK: David APP: David DES: Team 6 DRW: Team 6 DRAWING SERIES: SHEET NUMBER Existing Survey - A111 DRAWING TITLE: ELEVATIONS DRAWING NUMBER: (Revit Sheet Number) Project Originator Volume Level Type Role - Number TDS 2- T06 A111		
ST REV DESCRIPTION DATE ST REV DESCRIPTION DATE SCALE AT A1: CHK: David APP: David 1:100 DES: Team 6 DRW: Team 6 DRAWING SERIES: SHEET NUMBER Existing Survey - A111 DRAWING TITLE: ELEVATIONS DRAWING NUMBER: (Revit Sheet Number) Project Originator Volume Level TDS 2- T06 - - -	SCALE BAR:	ORTH:
SCALE AT A1: CHK: David APP: David 1:100 DES: Team 6 DRW: Team 6 DRAWING SERIES: SHEET NUMBER Existing Survey - A111 DRAWING TITLE: ELEVATIONS DRAWING NUMBER: (Revit Sheet Number) Project Originator Volume Level Type Role - Number TDS 2- T06 - - -	0 1000 2000 5000	
SCALE AT A1: CHK: David APP: David 1:100 DES: Team 6 DRW: Team 6 DRAWING SERIES: SHEET NUMBER Existing Survey - A111 DRAWING TITLE: ELEVATIONS DRAWING NUMBER: (Revit Sheet Number) Project Originator Volume Level Type Role - Number TDS 2- T06 - - -	0 1000 2000 5000	
SCALE AT A1: CHK: David APP: David 1:100 DES: Team 6 DRW: Team 6 DRAWING SERIES: SHEET NUMBER Existing Survey - A111 DRAWING TITLE: ELEVATIONS DRAWING NUMBER: (Revit Sheet Number) Project Originator Volume Level Type Role - Number TDS 2- T06 - - -	0 1000 2000 5000	
SCALE AT A1: CHK: David APP: David 1:100 DES: Team 6 DRW: Team 6 DRAWING SERIES: SHEET NUMBER Existing Survey - A111 DRAWING TITLE: ELEVATIONS DRAWING NUMBER: (Revit Sheet Number) Project Originator Volume Level Type Role - Number TDS 2- T06 - - -	0 1000 2000 5000	
SCALE AT A1: CHK: David APP: David 1:100 DES: Team 6 DRW: Team 6 DRAWING SERIES: SHEET NUMBER Existing Survey - A111 DRAWING TITLE: ELEVATIONS DRAWING NUMBER: (Revit Sheet Number) Project Originator Volume Level Type Role - Number TDS 2- T06 - - -	0 1000 2000 5000	
1:100 DES: Team 6 DRW: Team 6 DRAWING SERIES: SHEET NUMBER Existing Survey - A111 DRAWING TITLE: A111 DRAWING NUMBER: (Revit Sheet Number) Project Originator Volume Level Type Role - Number TDS 2- T06 - - -	0 1000 2000 5000 SCALE: 1:100	Z
Existing Survey - A111 DRAWING TITLE: ELEVATIONS DRAWING NUMBER: Project Originator Volume Level Type Role - Number TDS 2- T06 A111	0 1000 2000 5000 SCALE: 1:100	
ELEVATIONS DRAWING NUMBER: Project Originator Volume Level Type Role - Number TDS 2- T06 A111	0 1000 2000 5000 SCALE: 1:100	DATE PP: David RW: Team 6
Project Originator Volume Level Type Role - Number DS 2- T06 A111	0 1000 2000 5000 SCALE: 1:100	DATE PP: David RW: Team 6 T NUMBER
Project Originator Volume Level Type Role - Number DS 2- T06 A111	0 1000 2000 5000 SCALE: 1:100	DATE PP: David RW: Team 6 T NUMBER
	0 1000 2000 5000 SCALE: 1:100	DATE PP: David RW: Team 6 TNUMBER 1
STATUS: REV:	0 1000 2000 5000 SCALE: 1:100	DATE PP: David RW: Team 6 T NUMBER 1
	0 1000 2000 5000 SCALE: 1:100 SCALE: 1:100 Image: Constraint of the second secon	DATE PP: David RW: Team 6 T NUMBER 1 eet Number) mber



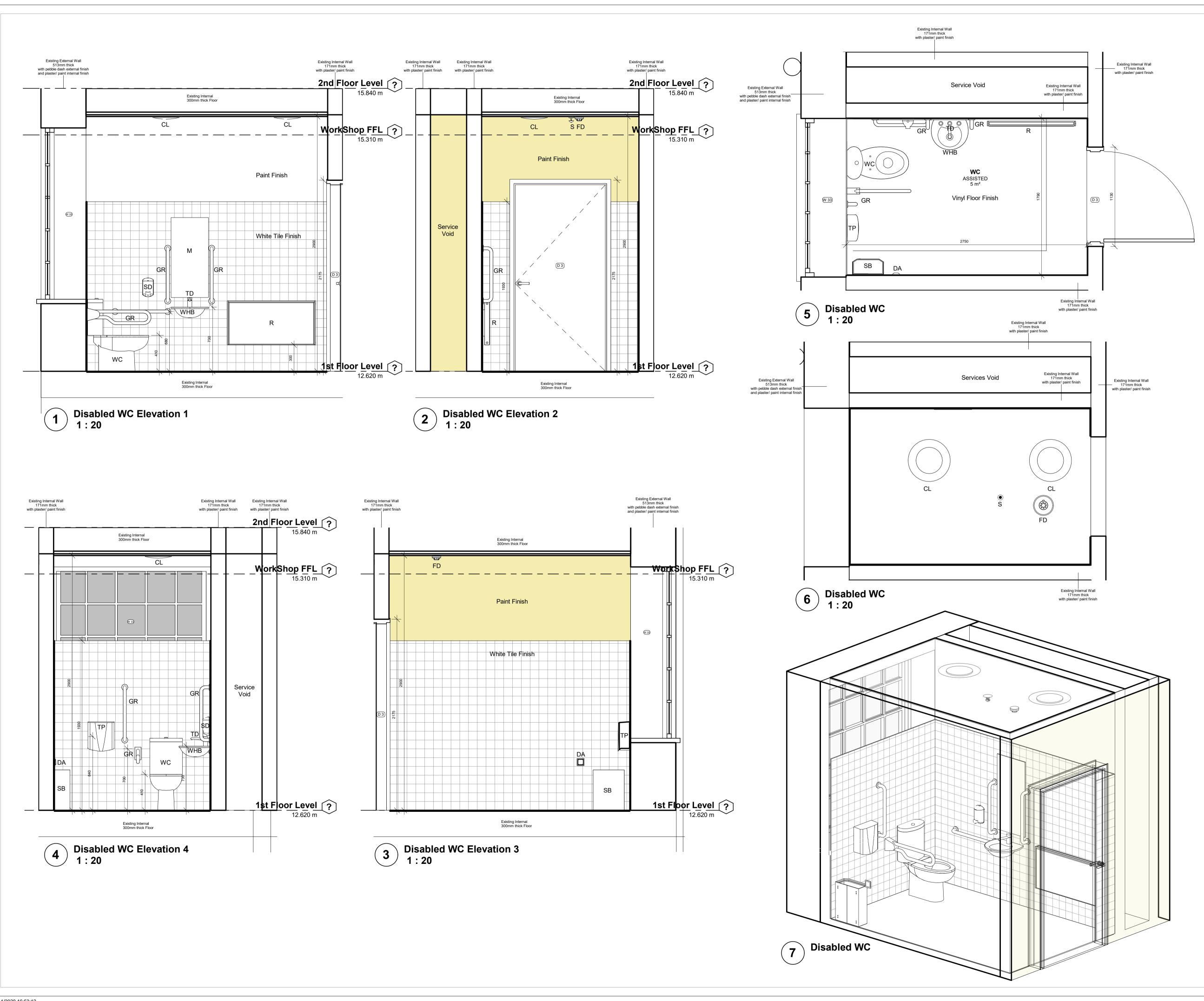
Condition Evaluato

	Good
	Average
	Requires Cer Inspection
	Bad

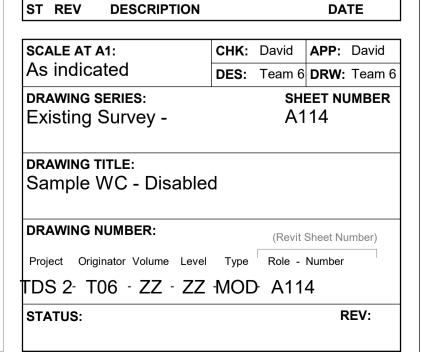
	NOTES:
or	
ertified	
	PROJECT:
	TDS 2:
	TDS TECH4100 Assessment 1
	- Collaborative TU Dublin Linenhall,
	Henrietta Place, Dublin 1
	ARCHITECT:
	Liam Deguara, Jamie Leonard,
	Sinead Kielty, Karolina Potocka,
	Kevin O'Toole
	TU Dublin Linenhall,
	Henrietta Place, Dublin 1
	CLIENT:
	David Knight
	UK LSCO L RECNIOLADORTA BHALE ATHA CUATH
	TU Dublin School of Architecture
	Linenhall Dublin
	KEY PLAN: 1 NOT TO SCALE
	00000000000
	and the second second
	¢.
	SCALE BAR: NORTH:
	0 1000 2000 5000
	SCALE: 1:100
	ST REV DESCRIPTION DATE
	SCALE AT A1:CHK: DavidAPP: David1:1DES: Team 6DRW: Team 6
	DRAWING SERIES: SHEET NUMBER
	Existing Survey - A112
	DRAWING TITLE:
	3D CONDITION REPORT
	DRAWING NUMBER: (Revit Sheet Number)
	Project Originator Volume Level Type Role - Number
	TDS 2- T06 - ZZ - ZZ - MOD- A112
	STATUS: REV:

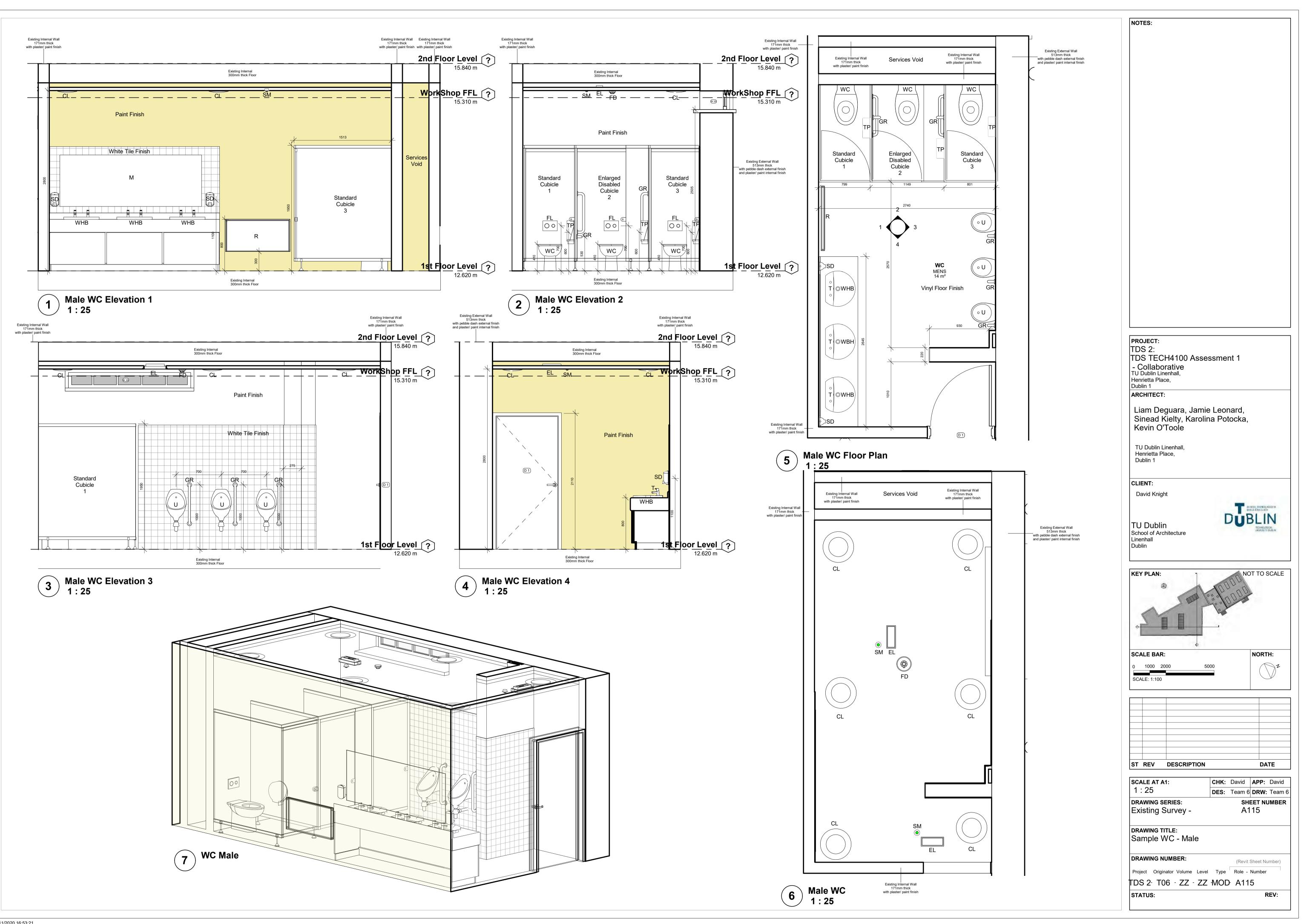


NOTES:	
PROJECT:	
TDS 2: TDS TECH4100 Assessment	1
- Collaborative	1
TU Dublin Linenhall, Henrietta Place,	
Dublin 1	
ARCHITECT:	
Liam Deguara, Jamie Leonar	
Sinead Kielty, Karolina Potoc	ka,
Kevin O'Toole	
TU Dublin Linenhall,	
Henrietta Place, Dublin 1	
CLIENT: David Knight	
CLIENT: David Knight	IR LISCO LI TECNIQUADORTR
David Knight	RUSCOL BECHIOLABORTA BHALEATHAQUATH
David Knight	BURGELING MICHARDATA BHALLE ACHARDARTH BURDEN TECHNOLOBICAL MINING STY TO BELLAN
David Knight TU Dublin School of Architecture Linenhall	TECHNOLOBICAL
David Knight TU Dublin School of Architecture	TECHNOLOBICAL
David Knight TU Dublin School of Architecture Linenhall	TECHNOLOBICAL
David Knight TU Dublin School of Architecture Linenhall	TECHNOLOBICAL
David Knight TU Dublin School of Architecture Linenhall Dublin	TECHNOLOGICAL UNIWERS I'Y DURLIN
David Knight TU Dublin School of Architecture Linenhall Dublin	TECHNOLOGICAL UNIWERS I'Y DURLIN
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	TECHNOLOBICAL UNIVERSITY DUBLIN
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	TECHNOLOGICAL UNIWERS I'Y DURLIN
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	TECHNOLOGICAL UNIWERS I'Y DURLIN
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	TECHNOLOGICAL UNIWERS I'Y DURLIN
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NOT TO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	TECHNOLOGICAL UNIWERS I'Y DURLIN
David Knight	NOT TO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NOT TO SCALE
David Knight	NOT TO SCALE
David Knight CUDublin School of Architecture Linenhall Dublin KEY PLAN:	
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NOT TO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NOT TO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NOT TO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NOT TO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NOT TO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN: KEY PLAN: D C C C C C C C C C C C C C C C C C C	NOT TO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NOT TO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NOT TO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN: KEY PLAN: SCALE BAR: 100 SCALE BAR: SCALE 1:100 SCALE 1:100 SCALE 1:100 CHK: Da SCALE AT A1: I: 100 CHK: Da DESCRIPTION SCALE AT A1: CHK: Da DES: Te DRAWING SERIES: Existing Survey - DRAWING SERIES: Existing Survey - DRAWING TITLE: SECTIONS DRAWING NUMBER:	NOT TO SCALE

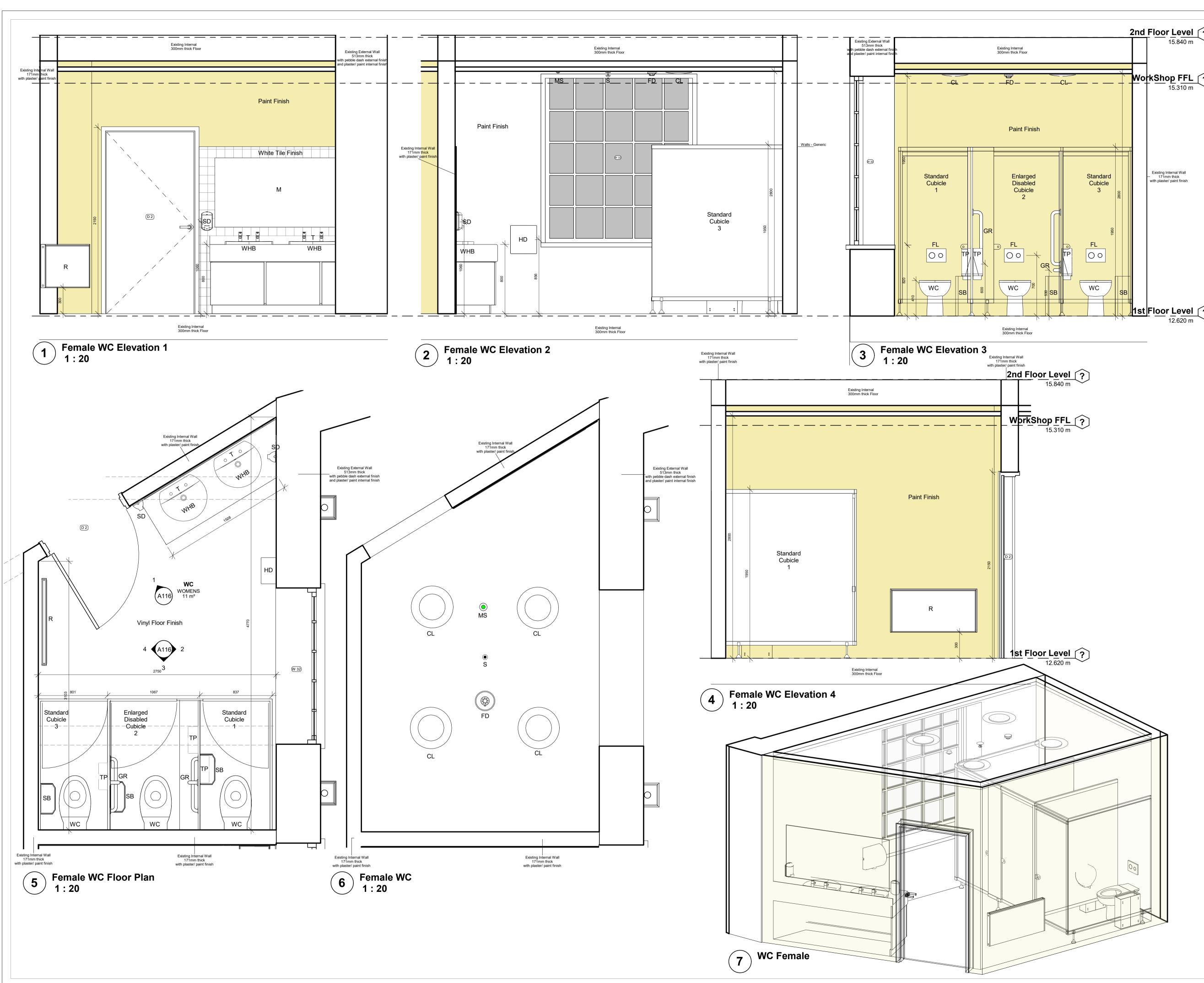


NOTES	:	
WC	Indicates Existing Porcelain WC	
U	Indicates Existing Wall Hung Arrintag Urinal	je Sharks
FL	Indicates Existing Stainless Steel Du	al Flush
WHB	Indicates Existing Arrinitage Sharks	Wash Hand
Т	Indicates Existing Arrinitage Sharks (Water Press Taps	Cold and Hot
TD	Indicates Existing Arrinitage Sharks (Water Tap	Cold and Hot
SD	Indicates Existing Kimberly Clark Soa	ap Dispenser
TP	Indicates Existing Kimberly Clark Toi Dispenser	let Paper
SB	Indicates Existing PHS Sanitary Bin	
HD	Indicates Existing Robous Hand Drye	er
DA	Indicates Existing Disabled Assistance	ce Button
Μ	Indicates Existing Wall Hung Mirror	
R	Indicates Existing Radiator	
GR	Indicates Existing Grab Rail	
CL	Indicates Existing Ceiling Light	
FD	Indicates Existing Fire Detector	
EL	Indicates Existing Emergency Light	
MS	Indicates Existing Sensor	
S	Indicates Existing Sprinkler	
- Coll TU Dub Henriett Dublin 1 ARCHI	TECT:	
- Coll TU Dub Henriett Dublin 1 ARCHIT Liam Sine	laborative Ilin Linenhall, ta Place, I	l,
- Coll TU Dub Henriett Dublin 1 ARCHIT ARCHIT Liam Sine Kevit	laborative lin Linenhall, ta Place, TECT: n Deguara, Jamie Leonard, ad Kielty, Karolina Potocka n O'Toole ublin Linenhall, etta Place,	l,
- Coll TU Dub Henriett Dublin 1 ARCHIT Liam Sine Kevi TU Du Henrie Dublin	laborative lin Linenhall, ta Place, TECT: Deguara, Jamie Leonard, ad Kielty, Karolina Potocka n O'Toole ublin Linenhall, etta Place, 1	l,
- Coll TU Dub Henriett Dublin 1 ARCHIT Liam Sine Kevi TU Du Henrie Dublin	laborative Jin Linenhall, ta Place, TECT: Deguara, Jamie Leonard, ad Kielty, Karolina Potocka n O'Toole Jublin Linenhall, etta Place, 1	L,
- Coll TU Dub Henriett Dublin 1 ARCHIT Liam Sine Kevi TU Du Henrie Dublin CLIENT David	laborative Jin Linenhall, ta Place, TECT: n Deguara, Jamie Leonard, ad Kielty, Karolina Potocka n O'Toole Jublin Linenhall, etta Place, n 1 T: Knight Ublin of Architecture	RELECTION DECEMBER BLUIN EXTINCTION DATES
- Coll TU Dub Henriett Dublin 1 ARCHIT Liam Sine Kevit TU Du Henrie Dublin CLIENT David	Iaborative Jin Linenhall, ta Place, TECT: TODeguara, Jamie Leonard, ad Kielty, Karolina Potocka n O'Toole Ublin Linenhall, etta Place, 1 T: Knight Ublin of Architecture II	I, BLUIDADOFTR BLUIDADOFTR BLUIDADOFTR BLUIDADOFTR TETHNOLOGICAL THIRTS IY DUBLIC
- Coll TU Dub Henriett Dublin 1 ARCHIT Liam Sine Kevit TU Du Henrie Dublin CLIENT David	Iaborative Jin Linenhall, ta Place, TECT: Deguara, Jamie Leonard, ad Kielty, Karolina Potocka n O'Toole Jublin Linenhall, etta Place, 1 T: Knight Ublin of Architecture Jublin Sear: 0 2000 5000	REISCOL MICHIOLADOPTR BALEATRAGUATH BLUIN TECHNOLODICA WINNES TY OURLIN
- Coll TU Dub Henriett Dublin 1 ARCHIT ARCHIT Liam Sine Kevi TU Du Henrie Dublin CLIENT David TU D School o Linenha Dublin KEY PL	Iaborative Jin Linenhall, ta Place, TECT: Deguara, Jamie Leonard, ad Kielty, Karolina Potocka n O'Toole Jublin Linenhall, etta Place, 1 T: Knight Ublin of Architecture Jublin Sear: 0 2000 5000	NORTH:
- Coll TU Dub Henriett Dublin 1 ARCHIT ARCHIT Liam Sine Kevi TU Du Henrie Dublin CLIENT David TU D School o Linenha Dublin KEY PL	Iaborative Jin Linenhall, ta Place, TECT: Deguara, Jamie Leonard, ad Kielty, Karolina Potocka n O'Toole Jublin Linenhall, etta Place, 1 T: Knight Ublin of Architecture Jublin Sear: 0 2000 5000	NORTH:
- Coll TU Dub Henriett Dublin 1 ARCHIT ARCHIT Liam Sine Kevi TU Du Henrie Dublin CLIENT David TU D School o Linenha Dublin KEY PL	Iaborative Jin Linenhall, ta Place, TECT: Deguara, Jamie Leonard, ad Kielty, Karolina Potocka n O'Toole Jublin Linenhall, etta Place, 1 T: Knight Ublin of Architecture Jublin Sear: 0 2000 5000	NORTH:
- Coll TU Dub Henriett Dublin 1 ARCHIT ARCHIT Liam Sine Kevi TU Du Henrie Dublin CLIENT David TU D School o Linenha Dublin KEY PL	Iaborative Jin Linenhall, ta Place, TECT: Deguara, Jamie Leonard, ad Kielty, Karolina Potocka n O'Toole Jublin Linenhall, etta Place, 1 T: Knight Ublin of Architecture Jublin Sear: 0 2000 5000	NORTH:





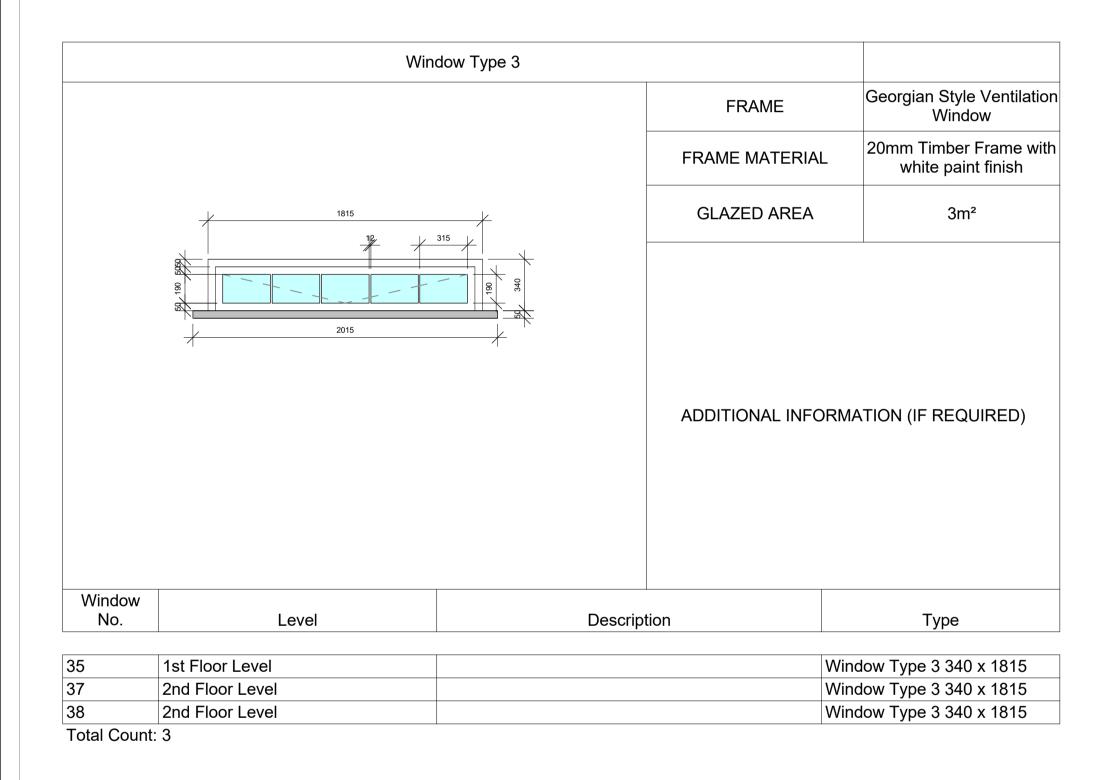
06/11/2020 16:53:21 BIM 360://TECH4100_Collaborative Project_2020/TECH01_ARCH_XX_XX_AT TEAM 06.rvt

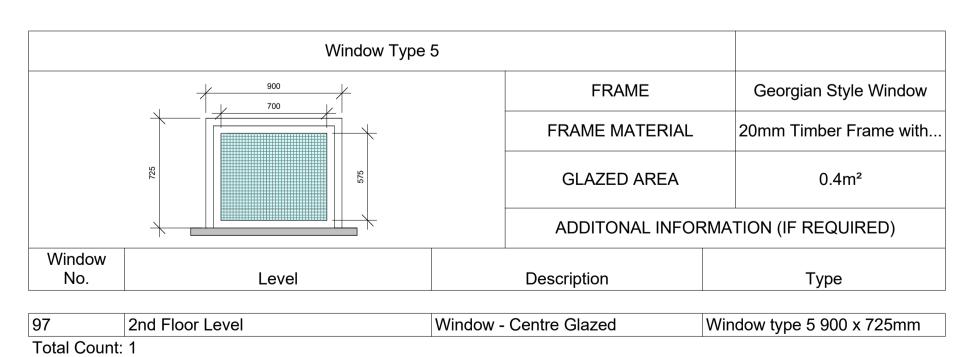


]						
	wc	Indicates E	xisting Po	rcelain W	С	
	U	Indicates E Urinal	xisting Wa	all Hung A	vrrintage	Sharks
۲	FL	Indicates E	xisting Sta	ainless St	eel Dual	Flush
ן	WHB	Indicates Ex Basin	xisting Arı	rinitage S	harks W	ash Hand
	т	Indicates E Water Pres		initage Sl	harks Co	old and Hot
	TD	Indicates E		initage Sl	harks Co	old and Hot
	SD	Water Tap	xistina Kin	nberly Cla	ark Soap	Dispenser
	TP	Indicates E	•			
	SB	Dispenser Indicates E	xistina PH	S Sanitar	v Bin	
	HD	Indicates E	-		-	
	DA	Indicates E	xisting Dis	abled As	sistance	Button
	M	Indicates E	-	-	Airror	
	R GR	Indicates E	-			
	CL	Indicates E	•		t	
	FD	Indicates E	xisting Fire	e Detecto	or	
	EL	Indicates E	-		Light	
)	MS S	Indicates E	U			
	TU Dubl Henrietta Dublin 1 ARCHIT Liam Sinea		ı, Jamie Karolir			
	Henrie Dublin CLIENT David	: Knight Jblin of Architecture	e			REDI-THEORIGIABEDITE BLIN TECHNOLOGICAL WRIVERS ITY DUELIN T TO SCALE
	Henrie Dublin CLIENT David TU Du School o Linenhal Dublin	tta Place, 1 : Knight Jblin of Architecture AN: BAR: 0 2000	e			ILE ACTHA COLVATH BLUIN TECHNOLOBICAL WHIMERSY TY DURLIN
	Henrie Dublin CLIENT David TU Du School o Linenhal Dublin KEY PL	tta Place, 1 : Knight Jblin of Architecture AN: BAR: 0 2000	e			TTO SCALE
	Henrie Dublin CLIENT David TU Du School o Linenhal Dublin KEY PL	tta Place, 1 : Knight Jblin of Architecture AN: BAR: 0 2000	e			TTO SCALE
	Henrie Dublin CLIENT David TU Du School o Linenhal Dublin KEY PL	tta Place, 1 : Knight Jblin of Architecture AN: BAR: 0 2000	e 50			TTO SCALE
	Henrie Dublin CLIENT David TU Du School of Linenhal Dublin KEY PL SCALE SCALE SCALE	tta Place, 1 Knight Jblin of Architecture AN: BAR: 0 2000 I:100 I:10	e 50	000 000 000 000 000 000		
	Henrie Dublin	tta Place, 1 Knight Jblin of Architecture AN: BAR: 0 2000 H100 H10	e 50 50 RIPTION	000 000 000 000 000 000	David Team 6	
	Henrie Dublin CLIENT David TU Du School of Linenhal Dublin KEY PL SCALE 0 100 SCALE 0 100 SCALE SCALE	tta Place, 1 Knight Jblin of Architecture AN: BAR: 0 2000 HID0 HID0 HID0 HID0 HID0 HID0 HID0 H	e 50 50 RIPTION	000 000 000 000 000 000	David Team 6	
	Henrie Dublin CLIENT David TU Du School o Linenhal Dublin KEY PL SCALE 0 100 SCALE 0 100 SCALE 0 100 SCALE 0 100 SCALE 0 100 SCALE	tta Place, 1 Knight Jblin of Architecture AN: BAR: 0 2000 H100 H10	e S S S S S S S S S S S S S S S S S S S	000 000 000 000 000 000	David Team 6 SHE A1	
	Henrie Dublin CLIENT David TU Du School of Linenhal Dublin KEY PL KEY PL SCALE SCALE SCALE SCALE SCALE SCALE SCALE SCALE SCALE C SCALE	tta Place, 1 Knight Jblin of Architecture AN: BAR: 0 2000 HID0 HID0 HID0 HID0 HID0 HID0 HID0	e Finale Ription y - female R: ume Level	DOOD	David Team 6 SHE A1	APP: David DATE APP: David DRW: Team 6 ET NUMBER 16

	Win	dow Type 1			
			FRAME	Georgian Style Window	
	1625	/	FRAME MATERIAL	20mm Timber Frame with white paint finish	
			GLAZED AREA	18.5m²	
Window			ADDITIONAL INFORM	MATION (IF REQUIRED)	
No.	Level	Descrip	otion	Туре	
11 2nd	Floor Level	Window - Slide from right, 1	1200 x 1200mm Win	dow type 1 1840 X 1860mr	
12 1st	Floor Level	Window - Slide from right, 1	I200 x 1200mm Win	dow type 1 1840 X 1860mr	

Total Count: 2







Total Count: 12

	Window Type	4			
	900		FRAME	Georgian Style safety glass Window	
		FRAME MATERIAL	20mm Timber Frame with white paint finish		
	212		GLAZED AREA	0.4m²	
			ADDITONAL INFO	RMATION (IF REQUIRED)	
Window					
No.	Level		Description	Туре	
89	2nd Floor Level	Window -	- Centre Glazed	Window type 4 900 x 720mm	
90	2nd Floor Level	Window -	- Centre Glazed	Window type 4 900 x 720mm	
91	2nd Floor Level	Window -	- Centre Glazed	Window type 4 900 x 720mm	
94	2nd Floor Level	Window -	- Centre Glazed	Window type 4 900 x 720mm	
95	2nd Floor Level	Window -	- Centre Glazed	Window type 4 900 x 720mm	
96	2nd Floor Level	Min dawy	- Centre Glazed	Window type 4 900 x 720mm	

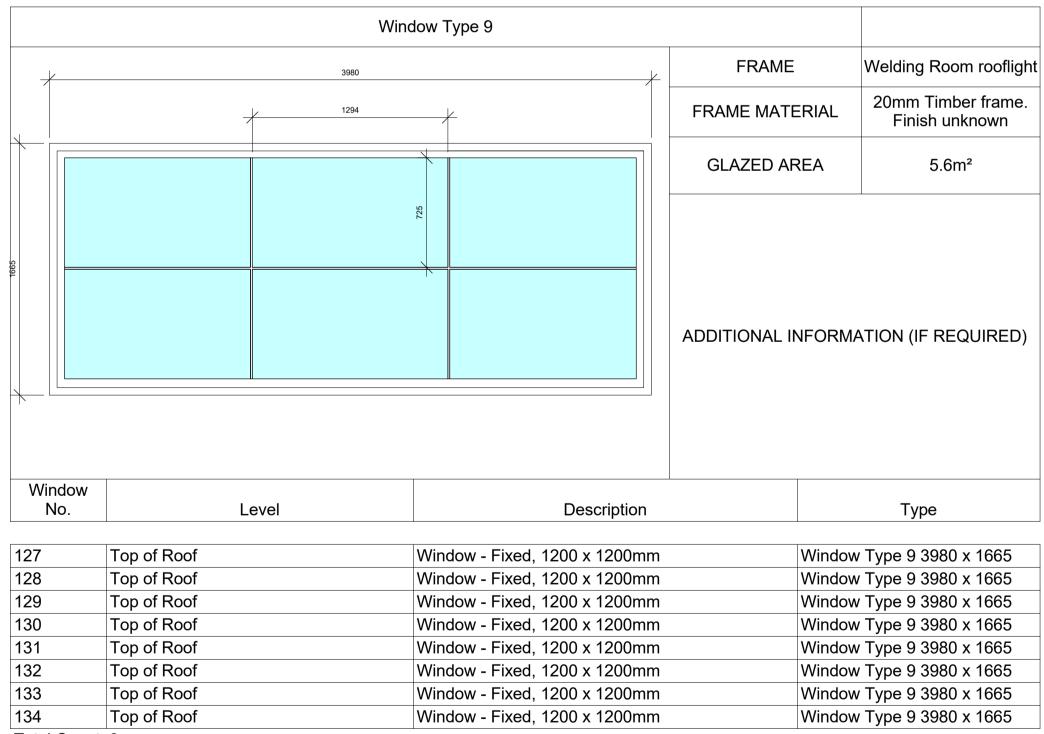
Window Type 6 FRAME 860 Square rooflight with... FRAME MATERIAL 20mm Timber Frame with.. GLAZED AREA 0.73m² ADDITONAL INFORMATION (IF REQUIRED) Window Level Description Туре No. 135 Window - Fixed, 1200 x 1200mm Window type 6 860 x 860 1st Floor Level 136 1st Floor Level Window - Fixed, 1200 x 1200mm Window type 6 860 x 860 137 Window - Fixed, 1200 x 1200mm Window type 6 860 x 860 1st Floor Level 138 Window - Fixed, 1200 x 1200mm Window type 6 860 x 860 1st Floor Level 139 1st Floor Level Window - Fixed, 1200 x 1200mm Window type 6 860 x 860 140 Window - Fixed, 1200 x 1200mm Window type 6 860 x 860 1st Floor Level 141 1st Floor Level Window - Fixed, 1200 x 1200mm Window type 6 860 x 860

Total Count: 7

NOTES:			
PROJECT:			
TDS 2: TDS TECH4100 Asses	ssment 1		
- Collaborative TU Dublin Linenhall,	Sinch 1		
Henrietta Place, Dublin 1			
ARCHITECT:			
Liam Deguara, Jamie Sinead Kielty, Karolir			
Kevin O'Toole			
TU Dublin Linenhall,			
Henrietta Place, Dublin 1			
CLIENT: David Knight			
	UKL EH4	SCOL TEICNTOLAIDCHTA Alle Atha Cuath	
TU Dublin	DŬE	BLIN	
School of Architecture Linenhall		UNIVERSITY DUTLIN	
Dublin			
KEY PLAN:	NO	T TO SCALE	
	1000U	A	
	0000000		
	10 M		
¢			
SCALE BAR: 0 1000 2000 50	00	NORTH:	
SCALE: 1:100			
			-
ST REV DESCRIPTION		DATE	
SCALE AT A1:		APP: David	
	DES: Team 6	APP: David	6
scale at a1: 1 : 25	DES: Team 6	APP: David DRW: Team	6
SCALE AT A1: 1:25 DRAWING SERIES:	DES: Team 6 SHI A1	APP: David DRW: Team EET NUMBER	6
SCALE AT A1: 1 : 25 DRAWING SERIES: Existing Survey - DRAWING TITLE:	DES: Team 6 SHI A1	APP: David DRW: Team EET NUMBER 17	6
SCALE AT A1: 1 : 25 DRAWING SERIES: Existing Survey - DRAWING TITLE: WINDOW SCHEDULI	DES: Team 6 SHI A1	APP: David DRW: Team EET NUMBER 17	6
SCALE AT A1: 1 : 25 DRAWING SERIES: Existing Survey - DRAWING TITLE: WINDOW SCHEDULE DRAWING NUMBER: Project Originator Volume Level TDS 2- T06 - ZZ - ZZ	DES: Team 6 SHI A1	APP: David DRW: Team EET NUMBER 17 17 Sheet Number) Number 7	6
SCALE AT A1: 1 : 25 DRAWING SERIES: Existing Survey - DRAWING TITLE: WINDOW SCHEDULE DRAWING NUMBER: Project Originator Volume Level	DES: Team 6 SHI A1	APP: David DRW: Team EET NUMBER 17	6



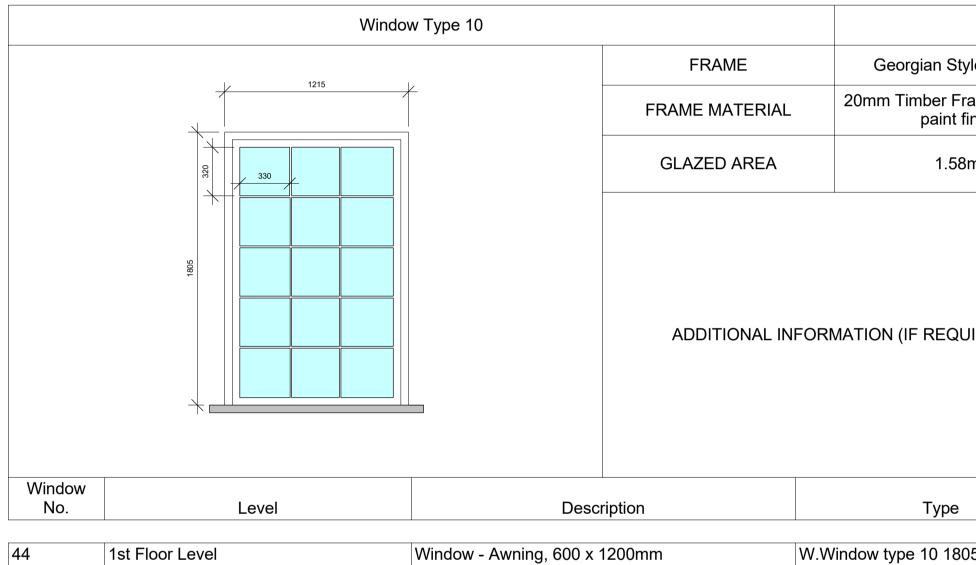
1st Floor Level Total Count: 10



Total Count: 8

	Window Ty	pe 8	
	995	FRAME	Internal Window
		FRAME MATERIAL	20mm Timber frame with blac finish
		GLAZED AREA	0.59m²
Window		ADDITIONAL INFORMA	TION (IF REQUIRED)
No.	Level	Description	Туре
79	1st Floor Level	Window - Centre Glazed	Window type 8 995 x 900
80	1st Floor Level	Window - Centre Glazed	Window type 8 995 x 900
81	1st Floor Level	Window - Centre Glazed	Window type 8 995 x 900
82	1st Floor Level	Window - Centre Glazed	Window type 8 995 x 900
83	1st Floor Level	Window - Centre Glazed	Window type 8 995 x 900
85	1st Floor Level	Window - Centre Glazed	Window type 8 995 x 900

Total Count: 7



Total Count: 1

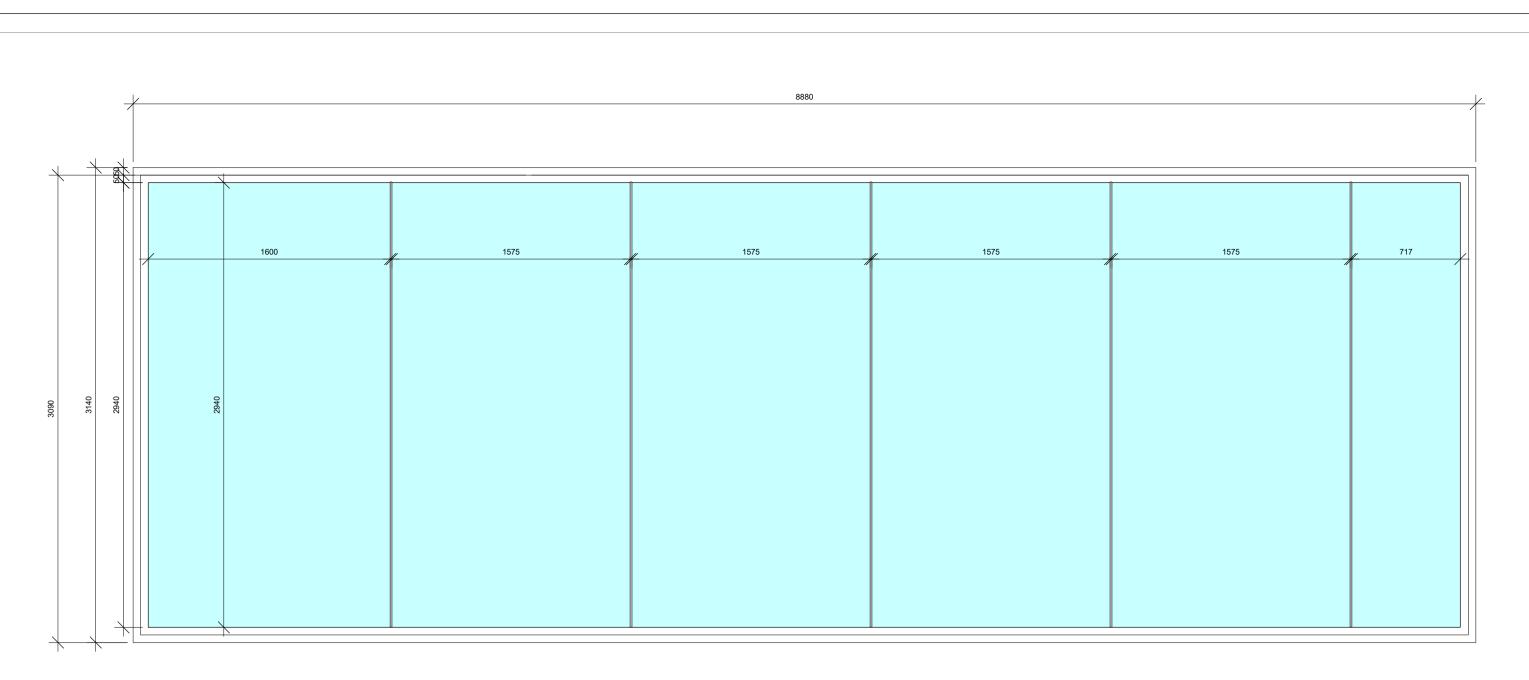
Window Type 7 1805 x 2000

	NOTES:
ack paint	
00mm	
00mm 00mm	
00mm 00mm	
00mm 00mm	
de Minderry	
ame with white	PROJECT:
nish	TDS 2: TDS TECH4100 Assessment 1
m²	- Collaborative TU Dublin Linenhall, Henrietta Place,
	Dublin 1 ARCHITECT:
	Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka,
	Kevin O'Toole
IIRED)	TU Dublin Linenhall, Henrietta Place,
	Dublin 1
	CLIENT: David Knight
	ULISCOL RECNIOLADOITA BHALE ATHA GUATH
	TU Dublin School of Architecture
95 x 1215mm	Linenhall Dublin
	KEY PLAN: 1 NOT TO SCALE
	¢
	SCALE BAR: NORTH: 0 1000 2000 5000 Z
	SCALE: 1:100
	SCALE AT A1: CHK: David APP: David
	SCALE AT A1:CHK: DavidAPP: David1:25DES: Team 6DRW: Team 6
	DRAWING SERIES:SHEET NUMBERExisting Survey -A118
	DRAWING TITLE: WINDOW SCHEDULE 2
	DRAWING NUMBER: (Revit Sheet Number)
	Project Originator Volume Level Type Role - Number TDS 2- T06 - ZZ - ZZ -SHD- A118
	STATUS: REV:

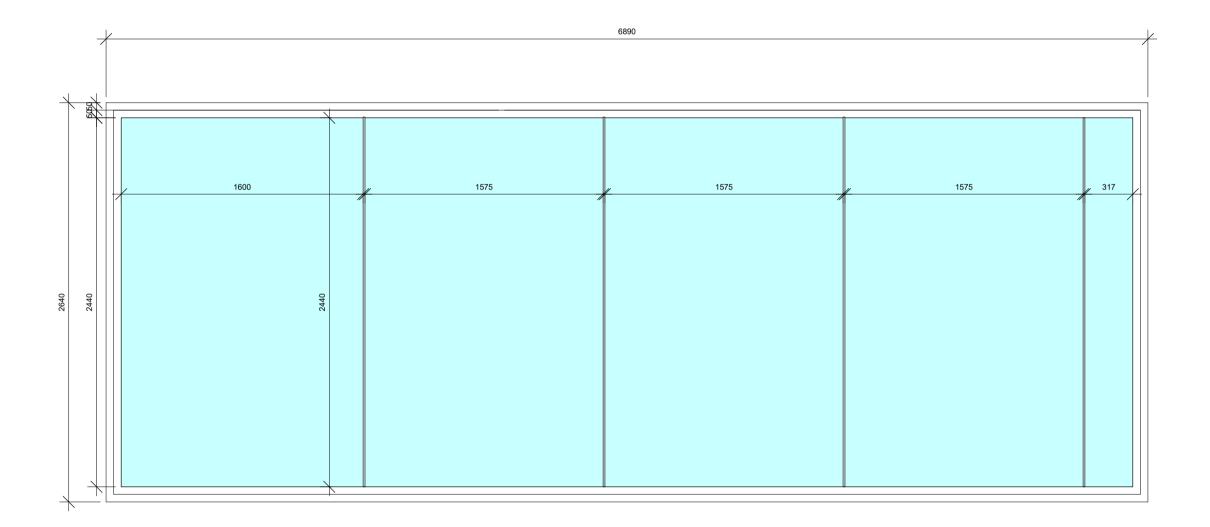
		Window Type 11	
		FRAME	Domed Rooflight
		FRAME MATERIAL	12mm Timber Frame Unknown finish
	SEE WINDOW TYPE 11	GLAZED AREA	21.1m²
		ADDITIONAL INF	ORMATION (IF REQUIRED)
Mark	Level	Description	Туре
T	op of Roof		Window Type 11 8880 x 3120

	Window	/ Туре 12				
		FRAME	Domed Rooflight			
		FRAME MATERIAL	12mm Timber Frame Unknown finish			
	SEE WINDOW TYPE 12	GLAZED AREA	15.6m²			
		ADDITIONAL INFORM	ATION (IF REQUIRED)			
Mark	Level	Description	Туре			
	Top of Roof		Window Type 12 6890 x 2690			
	Top of Roof		Window Type 12 6890 x 2690			

	Window	/ Туре 13	
		FRAME	Domed Rooflight
		FRAME MATERIAL	12mm Timber Frame Unknown finish
	SEE WINDOW TYPE 13	GLAZED AREA	1.35m²
		ADDITIONAL INFORM	ATION (IF REQUIRED)
Mark	Level	Description	Туре

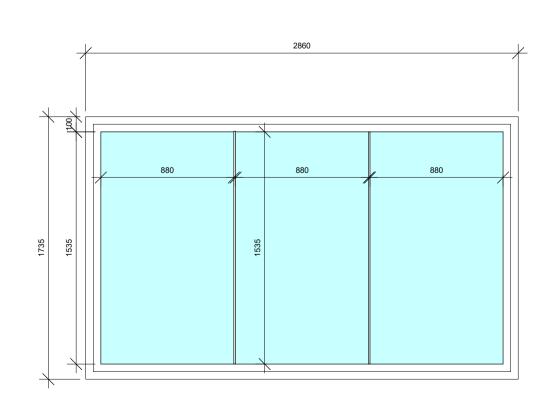








WINDOW TYPE 12 SCALE: NTS





PROJECT:	
TDS 2:	
TDS TECH4100 Assessment 1 - Collaborative	
TU Dublin Linenhall, Henrietta Place, Dublin 1	
ARCHITECT:	
Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka,	
Kevin O'Toole	
TU Dublin Linenhall,	
Henrietta Place, Dublin 1	
CLIENT:	
CLIENT: David Knight	
	DL HIKNIDIADOITA EXTRADUATH LINN TECHNOLOBICAL INNA RS TY DUELIN
David Knight	DILINENIOLADOPTR EXTRAGUATH LLIN TECHNOLOBICAL UNIVERSITY DUBLAN
David Knight TU Dublin School of Architecture Linenhall	DI INKINDI ADDITA EXTRAGUATH LETRAGUATH TECHNOLOBICAL UNIVERSITY DUELIN
David Knight TU Dublin School of Architecture Linenhall Dublin	
David Knight TU Dublin School of Architecture Linenhall Dublin	UNIVERSITY DUBLIN
David Knight TU Dublin School of Architecture Linenhall Dublin	UNIVERSITY DUBLIN
David Knight TU Dublin School of Architecture Linenhall Dublin	UNIVERSITY DUBLIN
David Knight TU Dublin School of Architecture Linenhall Dublin	UNIVERSITY DUBLIN
David Knight	TTO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	
David Knight TU Dublin School of Architecture Linenhall Dublin	TTO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	TTO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin	TTO SCALE
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NORTH:
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	NORTH: DATE DATE APP: David DRW: Team 6 ET NUMBER 19
David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN:	APP: David DATE DATE DATE DRW: Team 6 ET NUMBER 19

		Door Scł					Door			Door Sch	edule					Door	
Туре	Family and Type	Level	Head Height	Hei ght Width	Type Mark	Count	Condition	Туре	Family and Type	Level	Head Height	Hei ght	Width	Type Mark	Count	Condition	Ту
st Floor Level								Туре 28	Bridgman_Bridg	1st Floor	2345	234	995	DR. 28	1	Green	Type 24
oor Type 7 (LinenHall) Gents	BG_DOR_Basic -Single_R20: Door Type 7 (LinenHall) Gents	1st Floor Level	2060	206 945 0	DR. 07	1	Orange	Turo 10	manIBCLtd_Drs etSym_Educatio n_Storeroom: Type 28		0465	5	1900	DB 10		N//A	
oor Type 22 (LinenHall) emale	BG_DOR_Basic -Single_R20: Door Type 22 (LinenHall)	1st Floor Level	2100	210 1010 0	DR. 22	1	Green	Type 19	Bridgman_Bridg manIBCLtd_Drs etSym_Educatio n_Stairwell: Type 19		2465	246 5	1800	DR. 19	1	N/A	Type 14 Fire Esc Type 3 (Corridor
	Female							WorkShop FFL									
oor Type 23 (LinenHall) ssisted	BG_DOR_Basic -Single_R20: Door Type 23 (LinenHall)	1st Floor Level	2125	212 1030 5	DR. 23	1	Orange	Type 13 Type 18 (Workshop)	BG_DOR_Basic -Single_R20: Type 13 Bridgman_Bridg	FFL	2100	210 0 211	945	DR. 13 DR. 18	1	Yellow	
9.SGL-02_920 x 2040mm	Assisted BG_DOR_Basic -Single_R20: D.SGL-02_920 x	Level	2040	204 920 0	235	1	N/A		manIBCLtd_Drs etSym_Educatio n_Corridor: Type 18 (Workshop)	FFL		0					Type 4 (Office)
9.SGL-02_920 x 2040mm	2040mm BG_DOR_Basic -Single_R20: D.SGL-02_920 x	Level	2040	204 920 0	235	1	N/A	D.SGL-01_820 x 2040mm	BG_DOR_Basic -Single_R20: D.SGL-01_820 x 2040mm	FFL	2040	204 0	820	236	1	N/A	Type 5 (Studio 4
9.SGL-02_920 x 2040mm	2040mm BG_DOR_Basic -Single_R20: D.SGL-02_920 x 2040mm	Level	2040	204 920 0	235	1	N/A	Type 18 (Workshop)	Bridgman_Bridg manIBCLtd_Drs etSym_Educatio n_Corridor: Type 18 (Workshop)	FFL	2110	211 0	1500	DR. 18	1	Yellow	Type 35 (PAULS
9.SGL-02_920 x 2040mm	BG_DOR_Basic	Level	2040	204 920 0	235	1	N/A	Type 18 (Workshop)	Bridgman_Bridg manIBCLtd_Drs etSym_Educatio n_Corridor: Type	FFL	2110	211 0	1500	DR. 18	1	Yellow	
ype 21	Bridgman_Bridg manIBCLtd_Drs etSym_Educatio n_Classroom: Type 21	Level	2100	210 1000 0	DR. 21	1	Green	2nd Floor Level D.SGL-02_920 x 2040mm	18 (Workshop) BG_DOR_Basic	2nd Floor Level	2040	204 0	920	235	1	N/A	
Туре 26	BG_DOR_Swing -Unequal_R20: DType 26		2000	200 1000 0	DR. 26	1	Orange	Education_Classroom_940x206 0mm Type 6	2040mm Bridgman_Bridg manIBCLtd Drs	2nd Floor	2060	206 0	940	246	1	Green	
ype 19	Bridgman_Bridg manIBCLtd_Drs etSym_Educatio n_Stairwell: Type 19	Level	2465	246 1800 5	DR. 19	1	N/A		etSym_Educatio n_Classroom: Education_Clas sroom_940x206 0mm Type 6								
ype 24	Bridgman_Bridg manIBCLtd_Drs etSym_Educatio n_Corridor: Type 24	Level	2865	286 2330 5	DR. 24	1	Green	Type 5 (Studio 4)	BG_DOR_Swing -Unequal_R20: Type 5 (Studio 4)	Level	2000	0	1000	DR. 05	1	Green	
ype 1 (Stairway)	BG_DOR_Swing -Unequal_R20: Type 1		2000	200 1000 0	276	1	Green	Type 5 (Studio 4)	BG_DOR_Swing -Unequal_R20: Type 5 (Studio 4)	Level	2000	200 0	1000	DR. 05	1	Green	
ype 1 (Stairway)	(Stairway) BG_DOR_Swing -Unequal_R20: Type 1 (Stairway)		2000	200 1000 0	276	1	Green	920/420 x 2040mm (Stairway)	BG_DOR_Swing -Unequal_R20: 920/420 x 2040mm (Stairway)		2000	200 0	1000	221	1	N/A	
DBL-XX_1640 x 2040mm	BG_DOR_Swing	Level	2000	200 1000 0	214	1	N/A	Type 1 (Stairway)	BG_DOR_Swing -Unequal_R20: Type 1 (Stairway)		2000	200 0	1000	276	1	Green	
.DBL-XX_1640 x 2040mm	BG_DOR_Swing -Double_R20: D.DBL-XX_1640 x 2040mm	Level	2000	200 1000 0	214	1	N/A	Door Type 7 (LinenHall) Gents	BG_DOR_Basic -Single_R20: Door Type 7 (LinenHall)	2nd Floor Level	2060	206 0	945	DR. 07	1	Orange	
.DBL-XX_1640 x 2040mm	BG_DOR_Swing -Double_R20: D.DBL-XX_1640 x 2040mm	Level	2000	200 1000 0	214	1	N/A	Door Type 23 (LinenHall) Assisted	Door Type 23	2nd Floor Level	2125	212 5	1030	DR. 23	1	Orange	
Туре 26	BG_DOR_Swing -Unequal_R20: DType 26		2000	200 1000 0	DR. 26	1	Orange	Type 1 (Studio 11)	(LinenHall) Assisted BG_DOR_Swing	2nd Floor	2000	200	1000	DR. 01	1	Green	
Туре 26	BG_DOR_Swing -Unequal_R20: DType 26	Level	2000	200 1000 0	DR. 26	1	Orange		-Unequal_R20: Type 1 (Studio 11)			0	075				
уре 30	Type 30	Level	2000	200 1000 0	DR. 30	1	Yellow	Type 11 (Studio 11)	Bridgman_Bridg manIBCLtd_Drs etSym_Educatio n Classroom:	2nd Floor Level	2210	221 0	875	DR. 11	1	Yellow	
.SGL-XX_720 x 2040mm 2	BG_DOR_Swing -Single_R20: D.SGL-XX_720 x 2040mm 2	1st Floor Level	2000	200 1000 0	275	1	N/A	Туре 19	Type 11 (Studio 11) Bridgman_Bridg	2nd Floor	2465	246	1800	DR. 19	1	Yellow	
ype 25	BG_DOR_Swing -Unequal_R20: Type 25		2000	200 1000 0	DR. 25	1	Yellow		manIBCLtd_Drs etSym_Educatio n_Stairwell:			5					

		Door Sch	edule					
e	Family and Type	Level	Head Height	Hei ght	Width	Type Mark	Count	Door Condition colour
	Bridgman_Bridg manIBCLtd_Drs etSym_Educatio n_Corridor: Type 24		2865	286 5	2330	DR. 24	1	Green
ре	BG_DOR_Swing -Double_R20: Type 14 Fire Escape	2nd Floor Level	2170	217 0	1100	DR. 14	1	Red
	Bridgman_Bridg manIBCLtd_Drs etSym_Educatio n_Stairwell: Type 3 (Corridor)		2950	295 0	2250	DR. 03	1	Yellow
	Bridgman_Bridg manIBCLtd_Drs etSym_Educatio n_Classroom: Type 4 (Office)		2060	206 0	970	297	1	Green
	BG_DOR_Swing -Unequal_R20: Type 5 (Studio 4)	2nd Floor Level	2000	200 0	1000	DR. 05	1	Green
	BG_DOR_Swing -Unequal_R20: Type 35 (PAULS)	2nd Floor Level	2000	200 0	1000	DR. 12	1	Green

NOTES:

PROJECT: TDS 2: TDS TECH4100 Assessment 1 FUCollaborative Henrietta Place, Dublin 1 ARCHITECT: Liam Deguara, Jamie Leonard, Sinead Kielty, Karolina Potocka, Kevin O'Toole TU Dublin Linenhall, Henrietta Place, Dublin 1 CLIENT: David Knight TU Dublin School of Architecture Linenhall Dublin KEY PLAN: NOT TO SCALE SCALE BAR: NORTH: 72 1000 2000 5000 SCALE: 1:100 ST REV DESCRIPTION DATE SCALE AT A1: CHK: David APP: David DES: Team 6 DRW: Team 6 DRAWING SERIES: SHEET NUMBER Existing Survey -A120 DRAWING TITLE: DOOR SCHEDULE DRAWING NUMBER: (Revit Sheet Number) Project Originator Volume Level Type Role - Number TDS 2- T06 - ZZ - ZZ - SHD- A120 STATUS: REV:



The Linenhall

WASTE HARVESTING

Group 6 ~ Liam Deguara ~ Jamie Leonard ~ Sinead Kielty ~ Karolina Potocka ~ Kevin O'Toole

WASTE HARVESTING

Content

- P.1 SuperUse & Urban Mining
- P.2 Life Cycle Assessment (LCA)
- P.3 CO2 Emissions and Recyclability
- P.4 Waste harvesting images
- P.5 References
- P.6 C&D Waste Inventory
- P.7 C&D Door and Window Waste Inventory



SuperUse & Urban Mining

SuperUse is a company which reuses materials to give them a new design purpose. They are at the forefront of reusing materials to create new architectural feats. SuperUse are a design team based in the Netherlands, who can be contacted for consultancy about a project, or they can be brought on board in the design phase to bring "superuse" into the design process. SuperUse believes in "Circular Architecture & Design" (SuperUse, 2019, p. NA). They see the architectural design not as linear, but a circular process. "A phase in a continuous cycle of creation and recreation, use and reuse" (SuperUse, 2019, p. NA)

Superuse recommend the use of a material flow analysis (Figure 1), which they call the SuperUse Steps. This is an eight part plan which maps out important layers in the project. It outlines areas such as creating an inventory, analysing materials, energy sources, water, food systems, etc.

Urban mining looks at materials in a city or area that are not being reused already, or could be reused for a new purpose. WEEE (Waste Electronics & Electrical Equipment) collect waste electrical goods and recycle them in Ireland. KMK recycling takes waste metal in Ireland and recycles it.(<u>https://www.kmk.ie/kmk-metals-recycling/</u>)

This could possibly be used in the construction industry by reusing waste metal for facades, rainscreens, etc.

Main Metal Groups:

- Rare metals (RE, In, Ta, Li)
- Light metals (Al, Mg, Ti)
- Precious metals (PGM, Ag, Au)
- Base metals (Cu, Zn, Pb)



Figure 1. SuperUse Flow Analysis (SuperUse website, 2019)

References

KMK Recycling, (2016) <u>https://www.kmk.ie/kmk-metals-recycling/</u> SuperUse, (2019), *Superuse, About Us.* <u>https://www.superuse-studios.com/about-us/?lang=en</u>

Life Cycle Assessment

Definition: A Life Cycle Assessment (LCA) is an analysis of the impact one object has on the world around it.

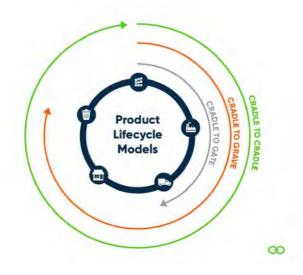


Figure 2. Product Lifecycle Models

- 1. Raw Material Extraction
- 2. Manufacturing & Processing
- 3. Transportation
- 4. Usage & Retail
- 5. Waste Disposal

The aim for this project is to have as much existing building materials and products as possible follow the cradle to cradle life cycle. All new building products should be on the cradle to gate life cycle with the aim for these products to eventually follow the cradle to cradle cycle in the future.

References

https://ecochain.com/knowledge/life-cycle-assessment-lca-guide/

CO2 Emissions and Recyclability

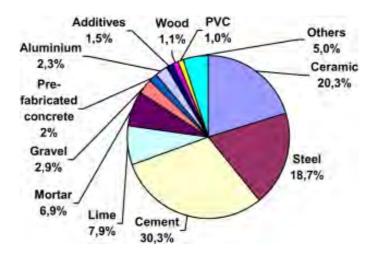


Figure 2. Contribution of CO2 emissions associated with the manufacture of the materials needed for the construction of 1 m2 (gross floor area.

Steel: After a building is demolished, "pretty much all steel will get recycled,". In fact, steel is the most recycled material in the world, with about 98 percent of structural steel avoiding landfills.

There is not a lot of steel in Linenhall as the building has a concrete structure. Any rebar steel will be lost to disposal because it cannot be recycled.

Glass: Easily recycled to original form however coloured glass is difficult to recycle.

All windows that may need to be replaced will be recycled.

Concrete: Like many building products slated for reuse or recycling, concrete faces the challenge of isolating its core materials.

The fact that concrete is difficult to recycle will impact any demolition of the main structure. Any materials that cannot be recycled will be retained-in-situ.

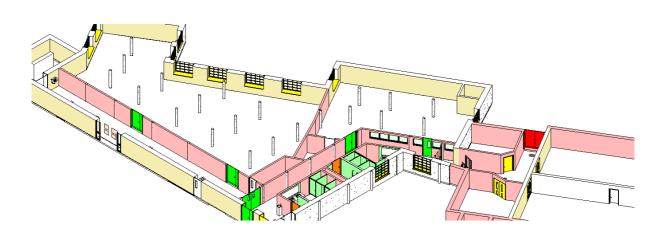
Plasterboard: Plasterboard paper envelopes can be ground down and recycled like any paper or wood product, and the gypsum core can be infinitely recycled without any significant loss of performance.

Plasterboard is easily recycled. With much of the walls in Linenhall showing signs of wear and tear, the plasterboard finishes should be stripped out and re-finished throughout the building.

Waste harvesting Spreadsheet

Туре	Dimensions (Ope)	Photo	Il Waste Window/Do Condition	Count	Additional Information	Location
Window Type 1	1840 x 1680	Photo	Condition	2	Do not meet minimum U-value requirements, however could be reused due do heritage	First & Second Floor staircores
Window Type 2	1805 x 1625			10	Do not meet minimum U-value requirements, however could be reused due do heritage	2nd Floor West Elevation
Window Type 3	340 x 1815			3	Minimum ventilation requirements may not be met	1st and 2nd Floor bathrooms
Window Type 4	900 x 725	- Duty		6	Interior windows with fire rated wire framing	2nd Floor Studio 11
Window Type 5	900 x 720			1	Interior windows with fire rated wire framing	2nd Floor Studio 11
Window Type 6	860 x 860	-		7	Must be inspected for damage & deterioration	Rooflight, Welding room staricor
Window Type 7	2000 x 1805	A N		10	Do not meet minimum U-value requirements, however could be reused due do heritage	1st Floor West Elevation
Window Type 8	3210 x 995			2	Interior windows with fire rated wire framing	1st Floor hallway
Window Type 9	3980 x 1665	N.A		8	Rooflight in Welding rooms. Unable to access.	Rooflight, welding rooms
Window Type 10	1805 x 1215	N.A.		1	Does not meet minimum U-value requirements	1st Floor staircore

Waste Harvesting in model



References

https://www.metropolismag.com/architecture/recycling-demolition-building-materials/

		l	Linenhall Was	te Harvesting	Inventory				
Number	Item	Photo	Quantity	Condition	Notes	Material Category	Co	ondition Evaluator	Material Categories
1	Sockets		9		Located on walls of corridors.	Electronic		Good	Wood
2	Light Switches	•1 1 1•	26		Located on walls of corridors. Some switches are cracked.	Electronic		Average	Plastic
3	Ceiling Light	T	19		Tubular and circular types. 3 not working in ladies bathrooms.	Electronic		Requires Certified Inspection	Textile
4	ID Card NFC Pad		4		Located outside doors of studios to gain access.	Electronic		Bad	Metal
5	Security Keypad		3		Located outside doors of offices to gain access.	Electronic			Glass
6	Emergency Lighting	- <u>*</u>	30		Signage, tubular and box lights.	Electronic			Electronic
7	Fire System Board		4		Located above every water hose.	Electronic			Stone
8	Fire Bell		7		Modern and old bells distributed around the building.	Electronic			Systems
9	Smoke / Fire Detector	Ô	9		Located on ceilings.	Electronic			Chemical
10	Fire Break Glass	100 000 000 000 0000 0000 000000000000	4		Beside every water hose.	Glass			Organic
11	Fire Extinguisher		3		Powder outside the workshops and foam in the corridors	Metal			Paper & Cardboard

12	Water Hose		4	Located at the both ends of each main corridor	Systems			Ceramic
13	Sprinkler	O	37	Located on ceilings	Systems			Concrete
14	Fire Alarm Button		4	Located at both ends of main corridors	Systems			Vinyl
15	Light Sensors		7	Located on the ceilings.	Electronic			
16	Disabled Alarm Indicator	Direkter Assistance	2	1 in each part M WC	Electronic			
17	Emergency Lights Distribution Board		4	Located above each water hose	Electronic			
18	Toilet Paper Dispenser	0	14	1 Dispenser for every WC	Plastic			
19	Soap Dispenser		10	1 Dispenser for every WHB	Plastic			
20	Toilet		14	3 Located in each bathroom and 1 disabled access WC in each part M WC (pull string on 2nd FL part M WC missing)	Ceramic			
21	Wash hand basin		10	2 Located in each bathroom and 1 disabled access WHB in each part M WC	Ceramic			
22	Urinal	0	6	3 Water flushing urinals in each mens bathroom.	Ceramic			
23	Hand Dryer		6	1 Dryer in each bathroom.	Electronic			

		-		Central hea	ting radiators.			
24	Radiators		11	Central fiea		Metal		
25	Tiled Concrete Stairs		1	Most tiles ci concrete sta	racked/broken on airs	Ceramic		
26	Metal Handrail	T	1	staircase.	he north-west	Metal		
27	Timber Stairs		1		north-west stair core.	Wood		
28	Timber Handrail		4	Located in r	north-west stair core.	Wood		
29	Timber Floor		NA	and stairs. high foot tra		Wood		
30	Concrete Floor		NA		in workshops only.	Concrete		
31	Tile Floor		NA		re cracked/broken.	Ceramic		
32	Vinyl Floor		NA		oathrooms only.	Vinyl		
33	Wall Paint Finish		NA	and cracked	displaying peeled d painted plaster.	Chemical		
34	Wall Tile Finish		NA		n all bathrooms.	Ceramic		
35	Ceiling Paint Finish		NA	All ceilings a plasterboard cracked.	are painted d. Some ceilings are	Chemical		

36	Air Conditioning Unit		1	Located beside window in computer room	Electronic		
37	Drinking Fountain	T.	1	Located on second floor, outside mens bathroom.	Metal		
38	Computer		60	Located in studios on desks with monitor, mouse and keyboard.	Electronic		
39	Intercom Speaker	The second	5	Showing visible deterioration.	Electronic		
40	External Render Finish	for the second s	NA	General wear and tear that requires re-painting.	Chemical		
41	External Precast Concrete Finish		NA	Visible staining of concrete visible.	Concrete		

		Linenhall	Waste Window/Do	or Inventory			
Туре	Dimensions (Ope)	Photo	Condition	Count	Additional Information	Location	
Window Type 1	1840 x 1680			2	Do not meet minimum U- value requirements, however could be reused due do heritage	First & Second Floor staircores	
Window Type 2	1805 x 1625			10	Do not meet minimum U- value requirements, however could be reused due do heritage	2nd Floor West Elevation	
Window Type 3	340 x 1815			3	Minimum ventilation requirements may not be met	1st and 2nd Floor bathrooms	
Window Type 4	900 x 725			6	Interior windows with fire rated wire framing	2nd Floor Studio 11	
Window Type 5	900 x 720			1	Interior windows with fire rated wire framing	2nd Floor Studio 11	
Window Type 6	860 x 860			7	Must be inspected for damage & deterioration	Rooflight, Welding room staricore	
Window Type 7	2000 x 1805			10	Do not meet minimum U- value requirements, however could be reused due do heritage	1st Floor West Elevation	
Window Type 8	3210 x 995			2	Interior windows with fire rated wire framing	1st Floor hallway	
Window Type 9	3980 x 1665	N.A		8	Rooflight in Welding rooms. Unable to access.	Rooflight, welding rooms	
Window Type 10	1805 x 1215	N.A		1	Does not meet minimum U-value requirements	1st Floor staircore	
Window Type 11	8880 x 3120	N.A		1	Studio 4 rooflights. Unable to access.	2nd Floor Studio 4	

	Condidtio	n Evaluator
s		Good
		Average
5		Requires Certified Inspection
		Bad
ore		

Window Type 12	6890 x 2690	N.A	2	Studio 4 rooflights. Unable to access.	2nd Floor Studio 4	Total Window Count	
Window Type 13	2860 x 1735	N.A	1	Male WC Rooflight	2nd Floor Male WC	54	
Door Type 1	1500 x 2220			Fire rated staricore door with self closers	West staricore		
Door Type 2	1360 x 2085			Fire rated internal door with self closer	2nd Floor Studio 4		
Door Type 3	3270 x 2220			Wire frame fire double dors. No self closers. Could be upgraded	2nd Floor hallway		
Door Type 4	970 x 2060			Fire rated internal door with self closer	2nd Floor Office door		
Door Type 5	1500 x 2085			Fire rated internal door with self closer	2nd Floor Studio 4 & 5		
Door Type 6	940 x 2060	2100-0		Fire rated internal door with self closer	2nd Floor Cleaning room		
Door Type 7	945 x 2040		2	Bathroom door. Currently does not meet minimum Part M clear ope width	1st and 2nd Floor Male bathroom		
Door Type 8	2080 x 940			Accesible bathroom door with no assisted opening. Not Part M compliant	2nd Floor accesible bathroom		
Door Type 9	2050 x 1810			Fire rated internal door with self closer	2nd Floor Studio 11		
Door Type 10	2210 x 980			Bathroom door with glass slot. Currently does not meet minimum Part M clear ope width	2nd Floor Women's bathroom		

	T						
Door Type 11	875 x 2210		1	Fire rated internal door with self closer	2nd Floor Studio 11		
Door Type 12	2665 x 2120		1	Wire frame fire double dorswith self closers	2nd Floor hallway		
Door Type 13	945 x 2600		1	Single door with turnkey lock & ventilation. Signs of damage	2nd Floor Staff Welding room		
Door Type 14	1515 x 2670		1	heavily damaged escape door. No fire resistance or air tightness	2nd Floor Emergency Exit		
Door Type 15	N.A	N.A	1	Unable to Access	2nd Floor welding rooms		
Door Type 16	1500 x 2400		1	Fire rated internal door with self closer	2nd Floor Welding room		
Door Type 17	1430 x 2670	N.A	1		2nd Floor Welding room		
Door Type 18	1430 x 2670		1	Internal swinging door. Slight damage	2nd Floor Storage room		
Door Type 19	2925 x 2685		1	Wire frame fire double dorswith self closers	2nd Floor hallway		
Door Type 20	2110 x 1020	N.A	1	Unable to Access			
Door Type 21	1000 x 2510		1	Fire rated internal door with turnkey lock	2nd Floor Painting & Decorating		
Door Type 22	2100 x 1010		1	Bathroom door	1st Floor Womens bathroom		

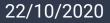
				1		
Door Type 23	2125 x 1030		1	Accesible bathroom door with no assisted opening	1st Floor Accesible bathroom	
Door Type 24	2965 x 2330		1	Fire rated internal door with self closer	1st Floor hallway	
Door Type 25	1485 x 2085		1	Slight damage to door. Threshold needs to be replaced	1st Floor Room 129	
Door Type 26	1500 x 2085		1	Missing door handle. No appropriate signage	1st Floor Workshop	
Door Type 27	995 x 2075		1	Fire rated internal door with self closer	1st Floor common room	
Door Type 28	995 x 2345		1	Fire rated internal door with self closer	1st Floor Room 121	
Door Type 29	1525 x 2050		1	Slight damage to door. No self closer visible	1st Floor Room 123	
Door Type 30	2035 x 930			Internal sdoor. no signage or self closer visible	1st Floor Room 122	
Door Type 31	N.A	N.A	1	Unable to access	1st Floor Room 124.1	
Door Type 32	N.A	N.A	1	Unable to access	1st Floor Workshop internal	
Door Type 33	N.A	N.A	1	Unable to access	1st Floor Room 125	
Door Type 34	N.A	N.A	1	Unable to access	1st Floor Room 125.1	

Door Type 35	N.A	N.A	1	Unable to access	1st Floor Room 125		
Door Type 36	N.A	N.A	1	Unable to access	1st Floor Workshop		
Door Type 37	N.A	N.A		Unable to access	1st Floor Workshop	Total Door Count	
Door Type 38	N.A	N.A	1	Unable to access	2nd Floor Computer Room	43	

T1 Project Presentation DT175_04



Team 6 Liam Deguara Jamie Leonard Sinéad Kielty Karolina Potocka Kevin O Toole



Introduction & Running order

The history of the site / Ownership	Kevin O Toole
Door families and Schedules, Surveying / Elevations	
Sitemaps / Development Plan	Sinéad Kielty
Modelling Revit Model & Floor Plans & Site Plans	
Planning Permission / S.W.O.T Analysis	Karolina Potocka
Surveying plans / Revit floor plans and Services	
Researching, Surveying and Scheduling	Liam Deguara
Revit Modelling and Drawings	
Waste Harvesting	Jamie Leonard

Window families and Schedules / Surveying

Elevations The history of the site / Ownership

- 1711 it was the linen house of the linen and Hempen manufacturers of ireland
- In the late 1880s it became owned by Hugh, moore and Alexanders Ltd who manufactured and sold pharmaceuticals.
- It was burnt down in 1916 as it was a British Army barracks
- 1920s the area around Linen Hall houses were built as part of the Dublin Housing Committee.
- In 1942 it became a school for Architecture as part of the Bolton Street campus which was founded in 1911
- In 1963 the school of trades started aim at teaching trade work for construction.
- Now its part of the built environments of TUD.





A drawing of Linen Hall from 1700s

What was left from the fire from 1916





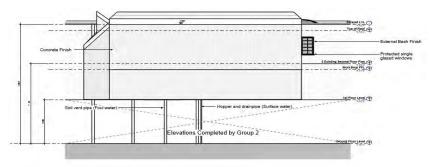
The school of Built Environments as part of TUD. Both the aerial photo and the front photo

Surveying, Door families and Schedules / Elevations

- Myself and Jamie went around the first and second floor on the eastern side of the building where our group had to survey and model. We took pictures of all the doors in the area.
- Using the pdf printed out sheet of our sections we labeled the each door, measured them and recorded the information for the revit families. I also recorded the window information and took pictures.
- Using the information and pictures i started to create all the different door families and created a schedule with all the important information like widths, heights, conditions, levels they are on and the type mark of them.
- After they were complete and placed in all the correct positions i moved on the finishing both the south and north elevation



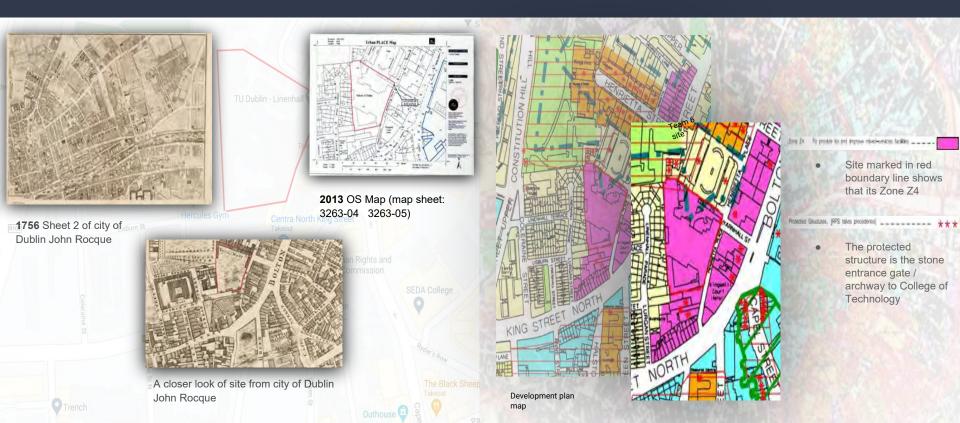
7,014	Family and Type La		Trees reader	1 Marght	West.	Pype New	Court	Door Constrant as
ar Loval								
yee 7 (Linanitial) Ganta	60, 50R Basic Single, R2 fat Floor Li		2060	2060	943	(Cm. 67	14	Orange
yes 22 Cranital Famale	80, DOR, Basic-Sirgin, RZ fai Floor Li		1496	2100	1010	DH 21	14	0-846
yee 21 (UnertHall) Assisted	80_DOH_Reen-Ringle_R2 fet Plote La		2136	2126	10550	DH 25	1	Orange
-02 830 x 2040mm	BG DOIL Basie-Bingto B2 hat Floor Li	e	2043	2343	620	238	4	44.46
-12, 501 a 2040mm	80.00R Basic-Single R2 fai Floor L4	a	2040	2040	820	258	14	No.A
-02_800 + 2040mm	80 DOR East-Ergit R2 lat Plan L4	a	2040	2040	820	238	14	No.
-02_020 x 2040eee	65 DOR Basic-Sirgs R2 fat Filler L4	01.0F	2040	2140	1020	248	4	No.A.
29	Britgman BritgmanBCLM fail Floor La		2100	2100	1560	DR. 21	14	Gear
26	80_00H_Exing-Unequal_ 1st Floor Li	1111	2000	2000	+300	DH 26	4	Cristige
	Britgman Britgmani@CLtd 1at Picor Li		2455	2455	+800	QM. 18	4	14.4
14	Britgman BritgmanBCLM fat Floor Li	***	2944	2665	2190	DH. 24	14	(D-mar
(Bierury)	83 COH EuropLinesust, 1at Floor Le		2000	2000	10000	216	4	Great.
(Starway)	85, DOR Surg-Lineput, 1st Floor L	area .	29000	2000	1900	278	4	(Deast
.xx 1845 v 2040mm	BO DOR SurreyDouble H hat Floor Li	****	2500	2000	1000	214	1	NA
.10, 1840 x 2040mm	#3, DOIL Baing-Double, N Tax Floor La		2000	2000	1000	214	4	Is A
-01, 1640 x 2040mm	\$5, DOR, Swing-Double, R Tel Floor Li	erei .	2000	2000	+500	214	1	No.A
28	80 DOR Burns Unesual Tax Floor Li	1.11	2500	2000	1000	04.38	1	Diarga
28	#3 DOM Burg-Linesus. Tet Plant Li		2000	2000	1000	GH 24	4	Grange
0	95 DOR Swing-Single R fat Floor Li	*-**	2905	2006	+300	04.55	1	Valler
.4X 720 x 2040eee 2	BO DON Turny Single N 11st Floor Le	F1.61	2555	2000	1000	279	1	N.A.
8	#3, DON Swing-Linaquel, 1at Picor Li		2000	2006	10000	246 24	4	Valida
19	Drame Entlight 1 Type 27 fail Floor Le		2078	20148	994	D4.27	14	(Departy)
18	Bulgman Bridgman/BCLail Fat Floor La		2248	2348	894	DH 28	1	Ower
	Butteman Britaman/Britand for Place in		Jato	2446	1400	249.14		Table .
And PPL								
0	ISS DOR Reso lings BJ WorkShop	281	2+05	12:00	1641	Crief, 43	14	(Value)
a (Workshop)	Britgman Britgmani@Cast WorkSince	000	2+10	2110	14800	24.15	4	Value
-01 820 x 2040mm	BS COR Basic-Bright R2 WorkBright	58.	2040	2540	820	134	1	NA
E (Workshop)	Brogman Brogman/BCLM Visitaling	FFL.	2115	2110	1800	CH6. 13		(Value
8 (Workshop)	Britgman Bridgman/BCL18 Warkfreg	244	2510	2410	1500	DR. 15		Vallor
ing Sacond Front Plan								
-02 820 x 2040mm	\$5 DOM Basin-Bright H22 Example	Identified Films	2040	12040	625	2.14	14	742.4
ton, Classroom, B40x2080mm Type If	Britanian Bridgmant/BCubil 2 Evaluation 2			2586	540	345	14	Green
(Stade 4)	BD DOR BurgeLingsont 2 Existing I	Income Place	2000	2000	9300	DH 08	1	Drean.
(Studio 4)	dis food sumplimenter 12 Example	Lannad Plan	2000	2006	+300	DH 48	4	Gener
to a 2040mm clitanuary)	BO_DOR_Bung-Unequal_ 2 Example	Second Flow	2959	2008	1000	117	24	De A
(Bierowy)	BO DOR Barry Lineson 12 Existing I	Internet Plan	3000	2000	1000	276		Green
Vite 7 (Linerstall) Germa	BS DOR Resc-Seps 822 Externs 1			2080	845	04.17	. 4	Orange
yoe 23 (Literitiet) Assessed	80 COR Raso-Brigs R27 Every 1			2125	1050	CHI 23	14	O-arge
(English FF)	80 COll Surgilinatial 2 Exampl			2000	10000	DH 21	14	Orean .
th (Brudio 14)	Britgman, Britgman/BCLM2 Rooming 1			2248	875	DH. 11	4	Yalow
15	Britaman Britaman/BCUM 2 Exating 1			2486	1900	DH. 19	14	Value
14	Britgman Britgman/BCL of 2 Evening 1			2044	2500	DH 24	14	Grant .
A File Elecade	BS DOR Suing-Couble R 2 Eviating 5			2-195	1100	DR 14		Red
(Certain)	Bullgman Britisman/BCLail J Example			2940	2280	DH. 03	74	Valler
Office	Britgman Britgman/BCLed 2 Bularing 1			2040	876	247	14	(Inner
Charles #1	85 DOR Swing-Unaquel. 2 Extering 1			2006	1000	08.08	1	(Date)
IF (PALLE)	BS COR Samp-Unanual (3 Example			2000	10000	08.12	1	Ower



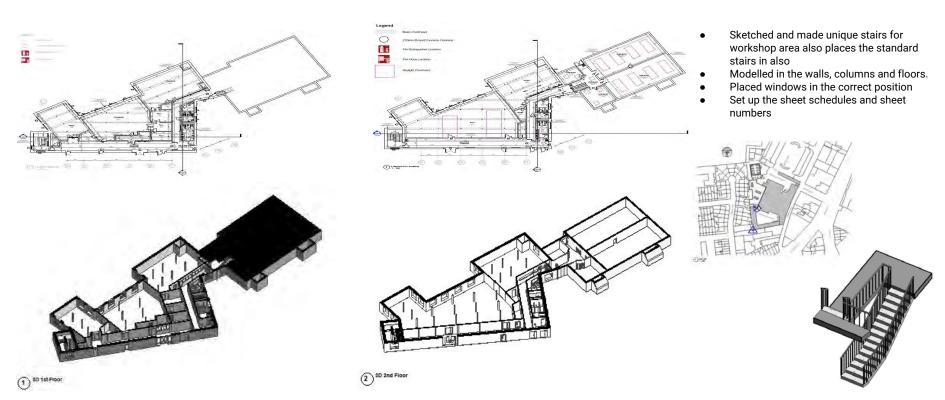
Top left Myself and Jamie surveying doors. Top right is the door schedule. Bottom is an elevation

Lat Pha Door 1 D

Site Maps / Development Plan



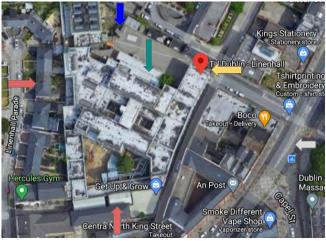
Modelling Revit Model & Revit floor plans & Site Plans



Planning History / S.W.O.T Analysis



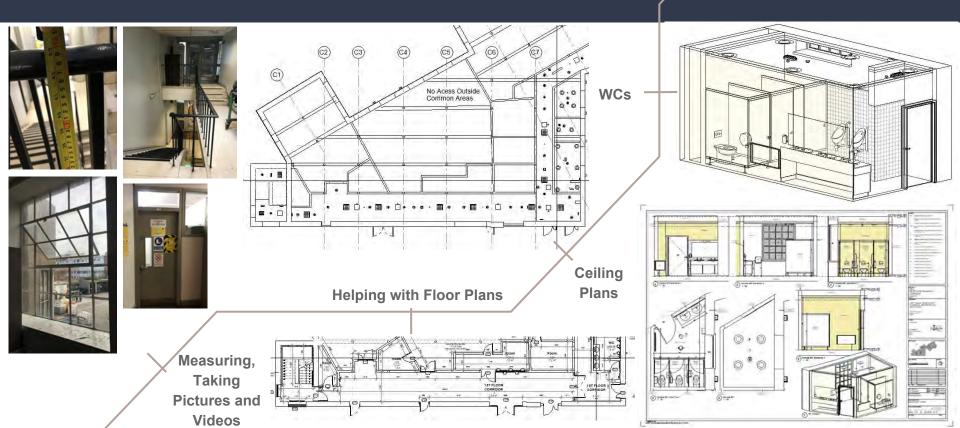
Construction of new single storey Foyer and Gallery extension in a re-landscaped front courtyard and the construction of a new emergency exit from the building onto Henrietta Place



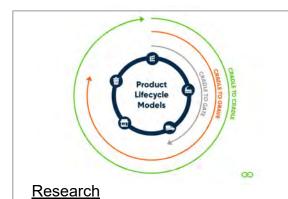
Strengths, Weaknesses,

Opportunities & Threats Analysis

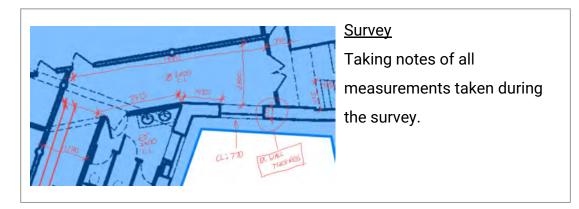
Surveying / Revit Model

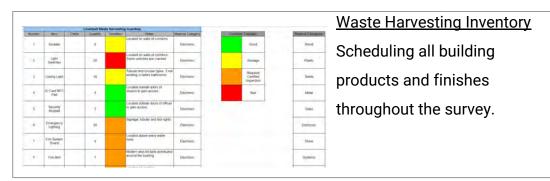


Researching, Surveying and Scheduling

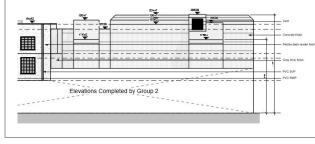


Investigating how life cycle assessment and embodied carbon will impact what building products should be maintained, re-used or disposed of for the Linenhall project.

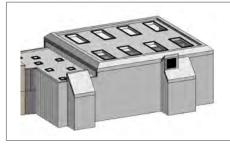




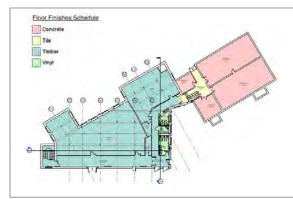
Revit Modelling and Drawings



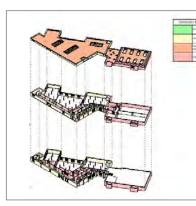
<u>Elevations</u> Applying graphic overrides, dimensions and finishes notes to the east and west elevations.



<u>3D Modelling</u> Modelling the complex brutalist architecture of the workshop building.



Floor Finishes Plans Applying color schemes to the floor finishes plans.

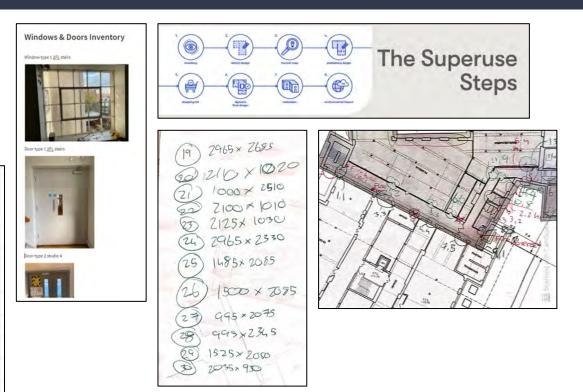


<u>3D Condition Report</u> Utilising the 3D model to highlight the condition of everything noted in the waste harvesting inventory.

- Urban Mining
- SuperUse
- Surveying
- Waste Harvesting
- Windows & Doors inventory

Waste Harvesting Schedule



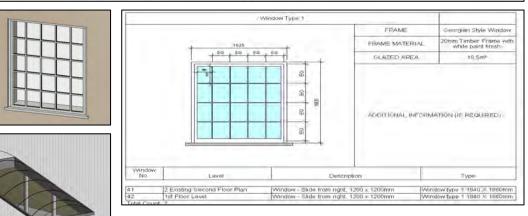


Window families and Schedules / Surveying



- Custom filter based on waste harvesting
- Custom window families
- Custom Window schedule
- Custom ceiling based Timber louvres
- Roof based generic model rooflights





How the team coordinated



Tesco Mobile at 18 18 35% D 16:41 Team 6 (m) H

Hey Kevin can you do me a favour I think its just the 2nd floor ladies wc but the door is missing can you put that back in as you know the right sizes and just have a quick glance to see if any others are missing please and thank you 1251

Ok everyone can yous all check your sheets and make sure that I added the key plan the north sign and the text in the sheet family itself is correct some of the text had to be put in every single sheet individually so I might have missed one 14:13

And also Jamie I have made a new sheet for your door schedule sheet so you will have to reload as the text was all on top of each other they way you had it 14-15

Bar the part Kevin is working on I havent touched that 14

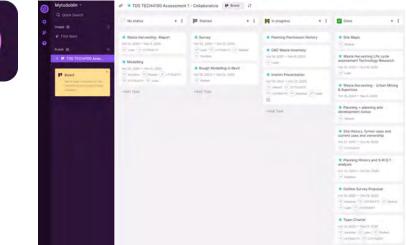
Anything above the drawing number section 14:1

I had already made my own to fit the schedule, it's in the families, also in the sheets the project name and the address are on top of each other

10 10

Type a message

٢



Summary

Topics covered:

- The history of the site / Ownership
- Door families and Schedules, Surveying / Elevations
- Sitemaps / Development Plan
- Modelling Revit Model & Floor Plans & Site Plans
- Planning Permission / S.W.O.T Analysis
- Surveying plans / Revit floor plans and Services
- Life Cycle Assessment / CO2 Emissions, Recyclability
- Elevations and 3D Plans / Surveying
- Waste Harvesting
- Window families and Schedules / Surveying

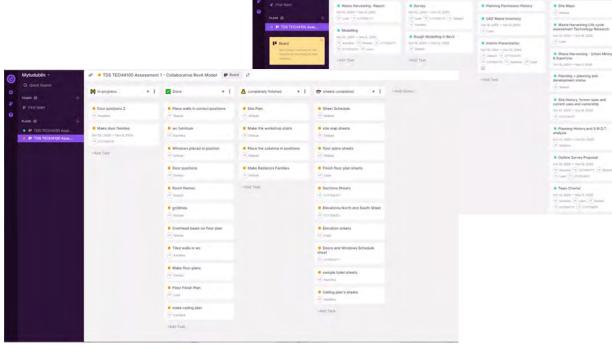
Project Outputs:

Context Report

Waste Harvesting

Survey

Modelling



Mytudublin

-

TDS TECH4100 Assessment 1 - Collaborative # Bowd 2*

+ 1 P Started

* i 🔰 in progress

+ E Z Done

* I

No status

Figure 5. Toggl Plans

References

Content Report:

Site history/ Ownership:

https://thearchaeologyof1916.wordpress.com/2016/04/05/in-search-of-the-linen-hall-barracks/ Mairtin Dalton, Architectural technology lecturer at TUDublin

Planning and Development Status

Dublin city council website waas where I found these links http://www.dublincity.ie/main-menu-services-planning-city-development-plan/dublin-city-development-plan-2016-2022 http://www.dublincity.ie/main-menu-services-planning-heritage-and-conservation-conservation/protected-structures http://www.dublincity.ie/swiftlg/apas/run/wphappcriteria.display https://www.buildingsofireland.ie/buildings-search/building/50011173/dit-faculty-of-engineering-henrietta-place-yarnhall-street-dublin-dublin-city https://maps.archaeology.ie/historicenvironment/?REG_NO=50011173

Site maps:

https://libguides.ucd.ie/findingmaps/mapshistDublin

Ordnance Survey Ireland - National Mapping Agency

www.osi.ie

Waste Harvesting:

KMK Recycling (2016)

Retrieved on 21st October from https://www.kmk.ie/kmk-metals-recycling/

SuperUse (2019) Superuse, About Us.

Retrieved on 20th October from https://www.superuse-studios.com/about-us/?lang=en

Liebsch, T (2020) Life Cycle Assessment EcoChain

Retrieved on 20th October from https://ecochain.com/knowledge/life-cycle-assessment-lca-guide/

https://www.metropolismag.com/architecture/recycling-demolition-building-materials/

