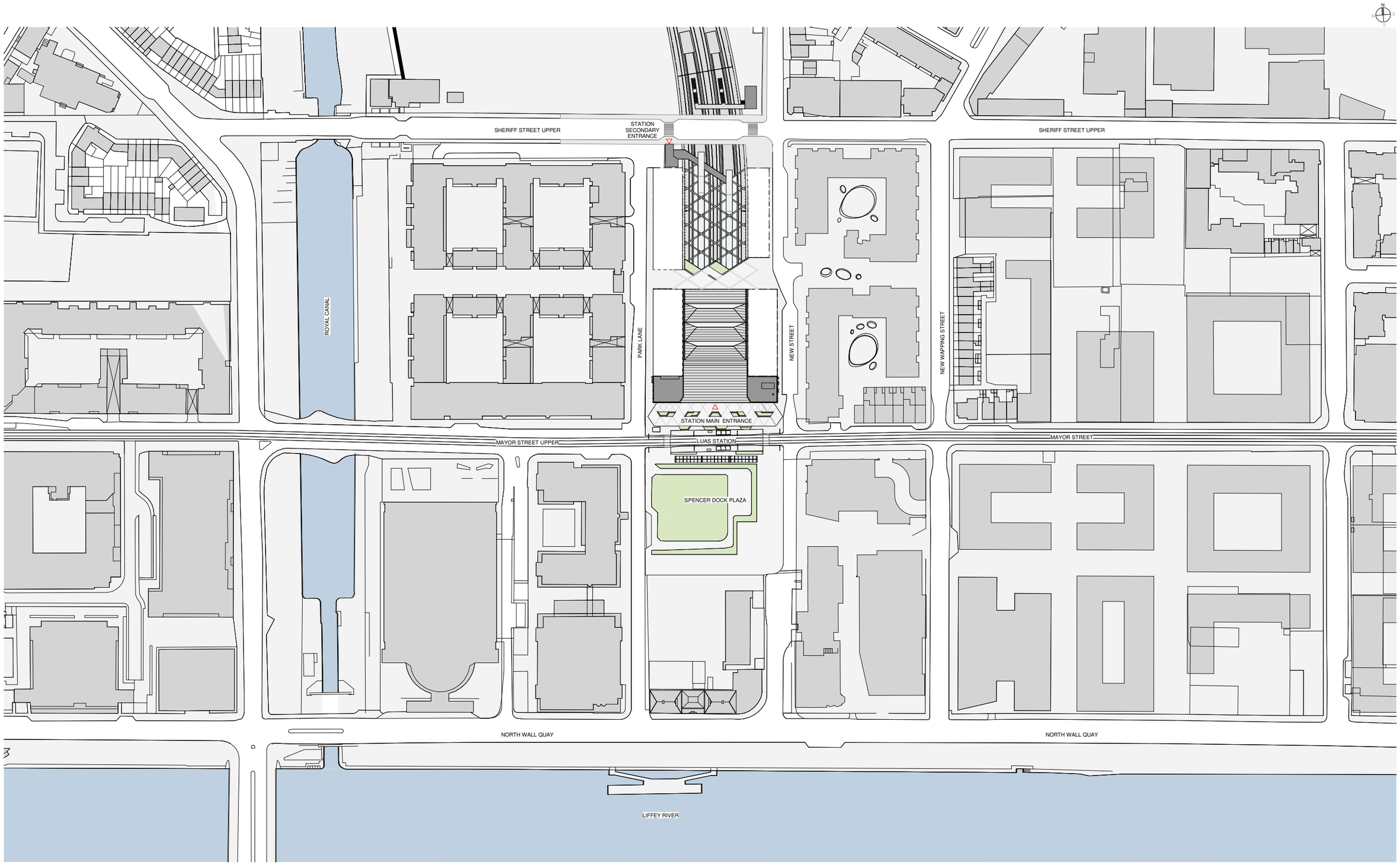


REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
STATION LOCATION

Scale: 1:1000 @ A1 - 1:2000 @ A3

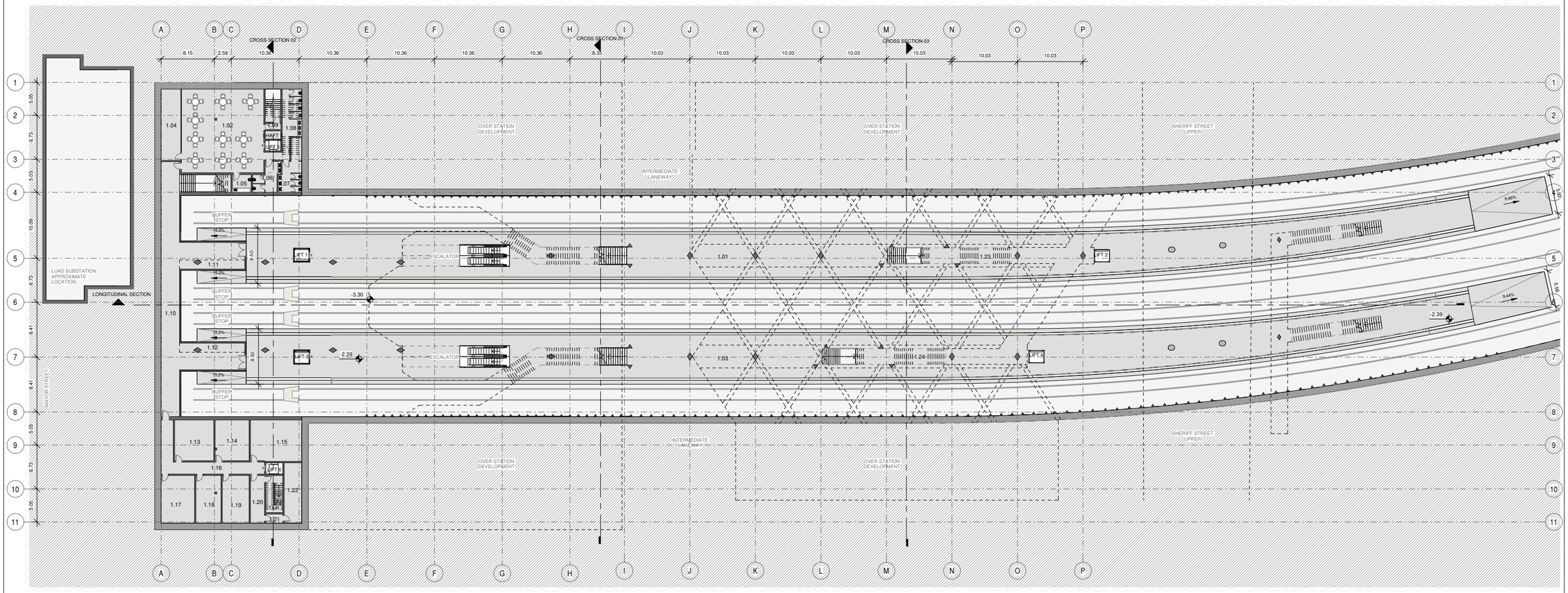
0 5 10 20 30 40 50

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0001	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	1 of 1

PLATFORM LEVEL AREAS		
Room Number	Room Name	Net Area
EMERGENCY EXITS		
1.10	Emergency Escape Route	185.07 m²
		185.07 m²
PLATFORMS		
1.01	Platforms 1-2	1403.79 m²
1.03	Platforms 3-4	1389.17 m²
		2792.96 m²
PUBLIC AREA MAIN ACCESS		
1.11	Refuge Area 1-2	13.54 m²
1.12	Refuge Area 3-4	13.54 m²
1.23	Vending Machines	46.02 m²
1.24	Vending Machines	44.81 m²
LIFT 1	Platform Lift 1	4.53 m²
LIFT 2	Platform Lift 2	4.40 m²
LIFT 3	Platform Lift 3	4.64 m²
LIFT 4	Platform Lift 4	4.40 m²
		135.89 m²

PLATFORM LEVEL AREAS		
Room Number	Room Name	Net Area
RETAIL UNIT 1		
1.02	Retail Area	166.85 m²
1.04	Storage	32.85 m²
1.05	PRM WC	8.37 m²
1.06	Staff WC	10.27 m²
1.07	M-WC	21.75 m²
1.08	F-WC	25.21 m²
1.09	Protected Lobby	14.88 m²
1L.05	Retail Lift 5	3.84 m²
1S.01	Shaft	3.02 m²
		287.04 m²
TECHNICAL ROOMS		
1.13	Storage	37.48 m²
1.14	Mechanical Room	32.49 m²
1.15	TER (SET)	49.62 m²
1.16	Technical corridor	41.18 m²
1.17	Sewage Room	37.30 m²
1.18	Fire Extinguishing	27.93 m²
1.19	UPS Room-EL	30.01 m²
1.20	Technical lobby	15.69 m²
1.21	Lobby	3.65 m²
1.22	Refuse Store	24.94 m²
1L.06	Technical Lift 6	4.56 m²
1ST.02	Technical Stair	14.18 m²
		319.03 m²
TOTAL		3720.00 m²



Platform Level (-2.39)
1 : 300

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSi Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

DART+ West

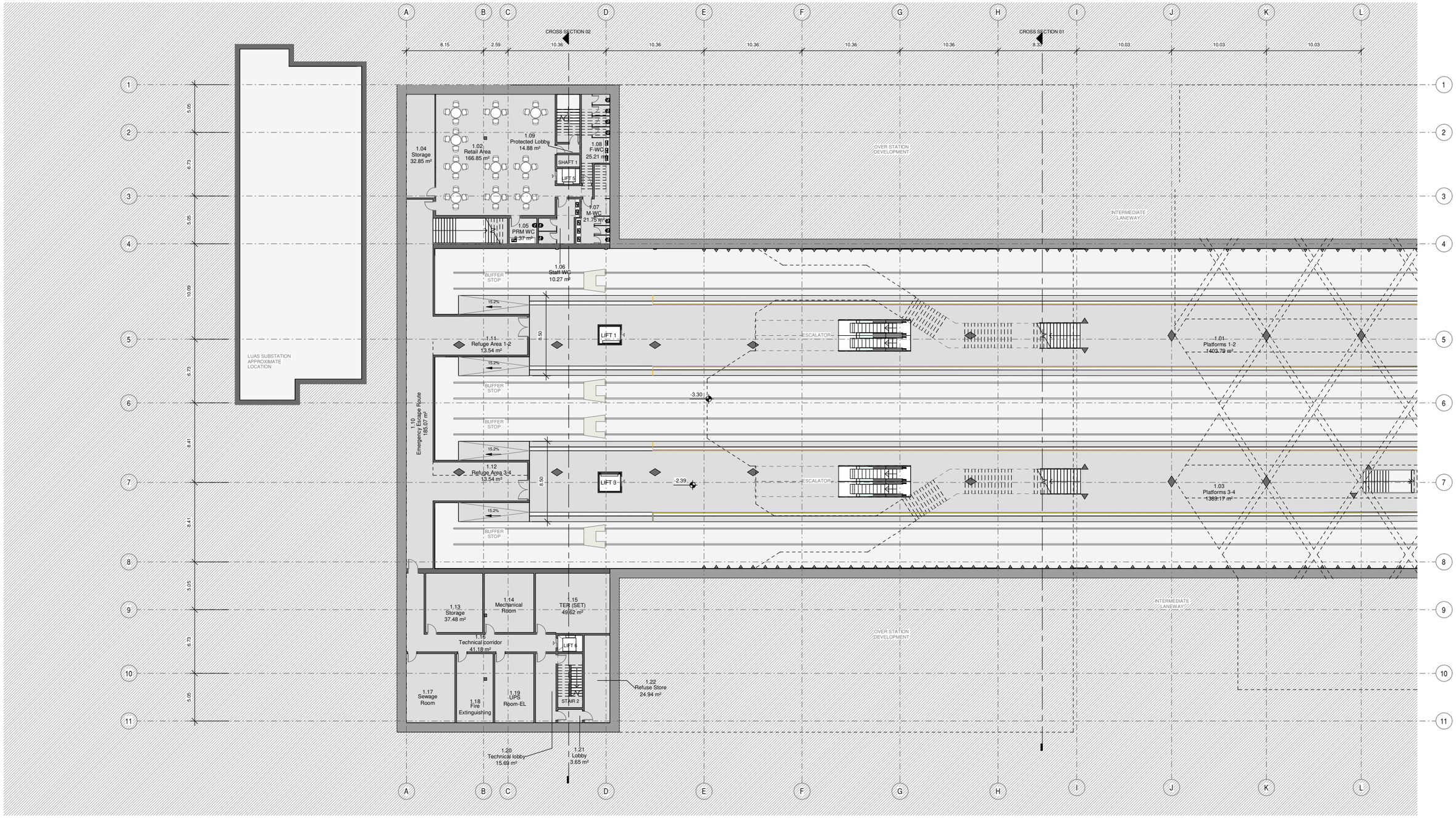
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
PLATFORM LEVEL PLAN

Scale: 1:300 @ A1 - 1:600 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0002	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	1 of 3



Platform Level (-2.39)
1 : 200

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSi Aerial Data or OSi Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

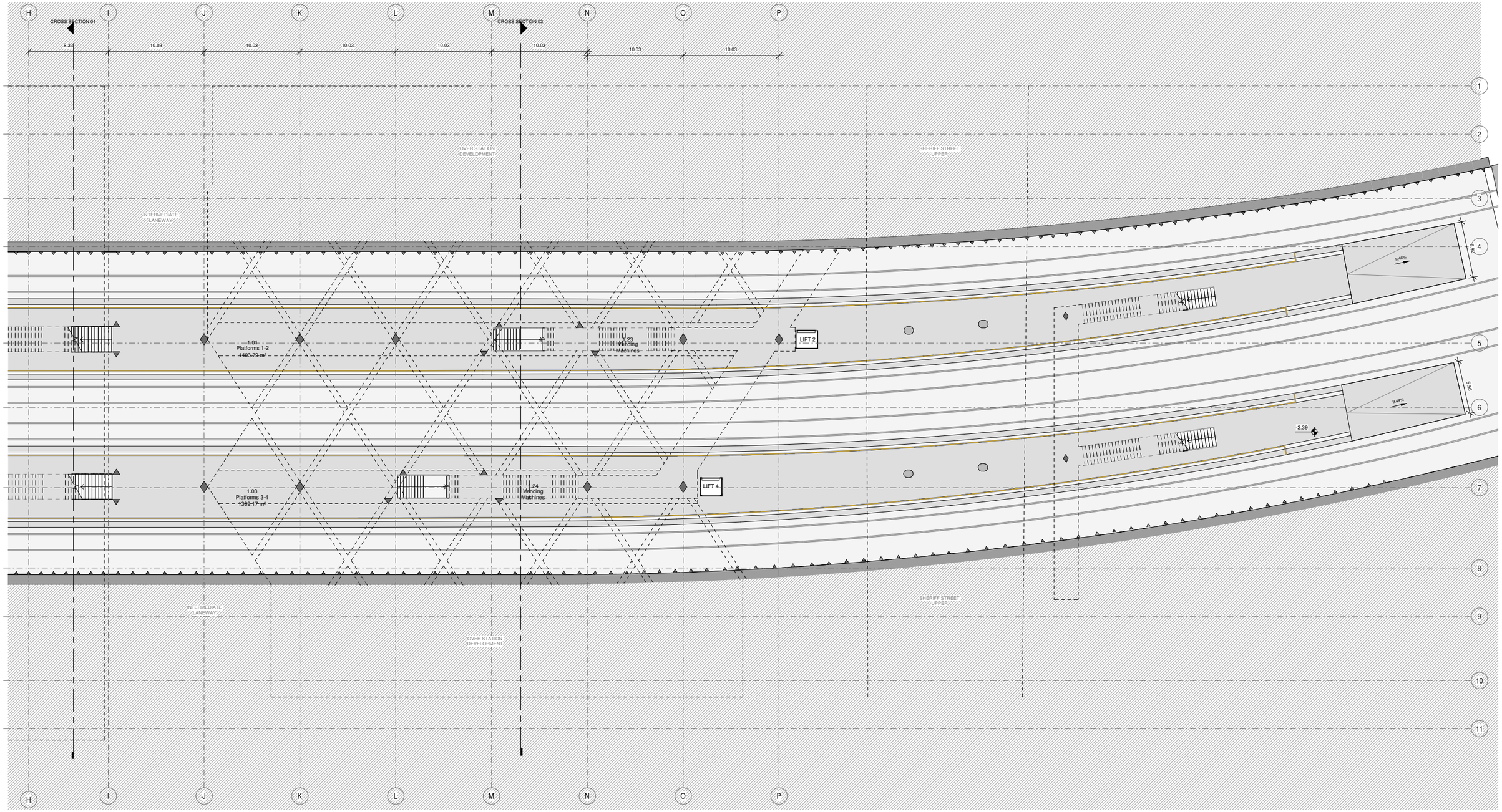
Project: DART+ West

Drawing Title
STATIONS DESIGN
SPENCER DOCK STATION
PLATFORM LEVEL PLAN

Scale: 1:200 @ A1 - 1:400 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0002	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	2 of 3



REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by eixsting Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant

IDOM | C3 | ROD Roughan & O'Donovan

Project

DART+ West

Drawing Title

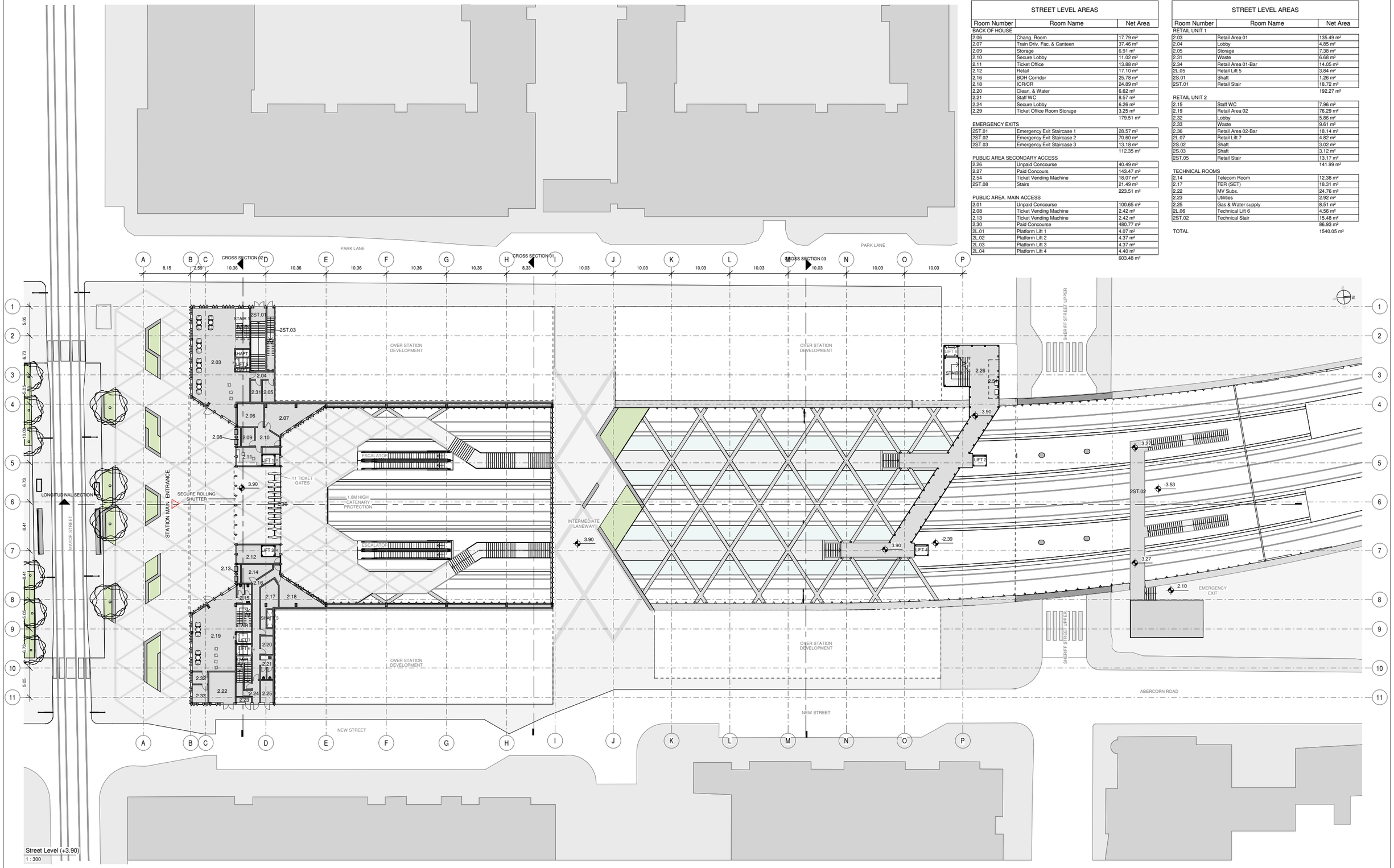
STATIONS DESIGN
SPENCER DOCK STATION
PLATFORM LEVEL PLAN

Scale: 1:200 @ A1 - 1:400 @ A3

0 1 2 3 4 5 10

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0002	D

Date:	Job No:	Status:	Rev:	Sheet: 3 of 3
April 2022	P/101086	F1-Approved & accepted	V01	



STREET LEVEL AREAS		
Room Number	Room Name	Net Area
BACK OF HOUSE		
2.06	Chang. Room	17.79 m²
2.07	Train Driv. Fac. & Canteen	37.46 m²
2.09	Storage	6.91 m²
2.10	Secure Lobby	11.02 m²
2.11	Ticket Office	13.88 m²
2.12	Retail	17.10 m²
2.16	BOH Corridor	25.78 m²
2.18	ICR/CR	24.89 m²
2.20	Clean. & Water	6.62 m²
2.21	Staff WC	8.57 m²
2.24	Secure Lobby	6.26 m²
2.29	Ticket Office Room Storage	3.25 m²
		179.51 m²
EMERGENCY EXITS		
2ST.01	Emergency Exit Staircase 1	28.57 m²
2ST.02	Emergency Exit Staircase 2	70.60 m²
2ST.03	Emergency Exit Staircase 3	13.18 m²
		112.35 m²
PUBLIC AREA SECONDARY ACCESS		
2.26	Unpaid Concourse	40.49 m²
2.27	Paid Concours	143.47 m²
2.54	Ticket Vending Machine	18.07 m²
2ST.08	Stairs	21.49 m²
		223.51 m²
PUBLIC AREA. MAIN ACCESS		
2.01	Unpaid Concourse	100.65 m²
2.08	Ticket Vending Machine	2.42 m²
2.13	Ticket Vending Machine	2.42 m²
2.30	Paid Concourse	480.77 m²
2L.01	Platform Lift 1	4.07 m²
2L.02	Platform Lift 2	4.37 m²
2L.03	Platform Lift 3	4.37 m²
2L.04	Platform Lift 4	4.40 m²
		603.48 m²

STREET LEVEL AREAS		
Room Number	Room Name	Net Area
RETAIL UNIT 1		
2.03	Retail Area 01	135.49 m²
2.04	Lobby	4.85 m²
2.05	Storage	7.38 m²
2.31	Waste	6.68 m²
2.34	Retail Area 01-Bar	14.05 m²
2L.05	Retail Lift 5	3.84 m²
2S.01	Shaft	1.26 m²
2ST.01	Retail Stair	18.72 m²
		192.27 m²
RETAIL UNIT 2		
2.15	Staff WC	7.96 m²
2.19	Retail Area 02	76.29 m²
2.32	Lobby	5.86 m²
2.33	Waste	9.61 m²
2.36	Retail Area 02-Bar	18.14 m²
2L.07	Retail Lift 7	4.82 m²
2S.02	Shaft	3.02 m²
2S.03	Shaft	3.12 m²
2ST.05	Retail Stair	13.17 m²
		141.99 m²
TECHNICAL ROOMS		
2.14	Telecom Room	12.38 m²
2.17	TER (SET)	18.31 m²
2.22	MV Subs.	24.76 m²
2.23	Utilities	2.92 m²
2.25	Gas & Water supply	8.51 m²
2L.06	Technical Lift 6	4.56 m²
2ST.02	Technical Stair	15.48 m²
		86.93 m²
TOTAL		1540.05 m²

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSI_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

DART+ West

Drawing Title

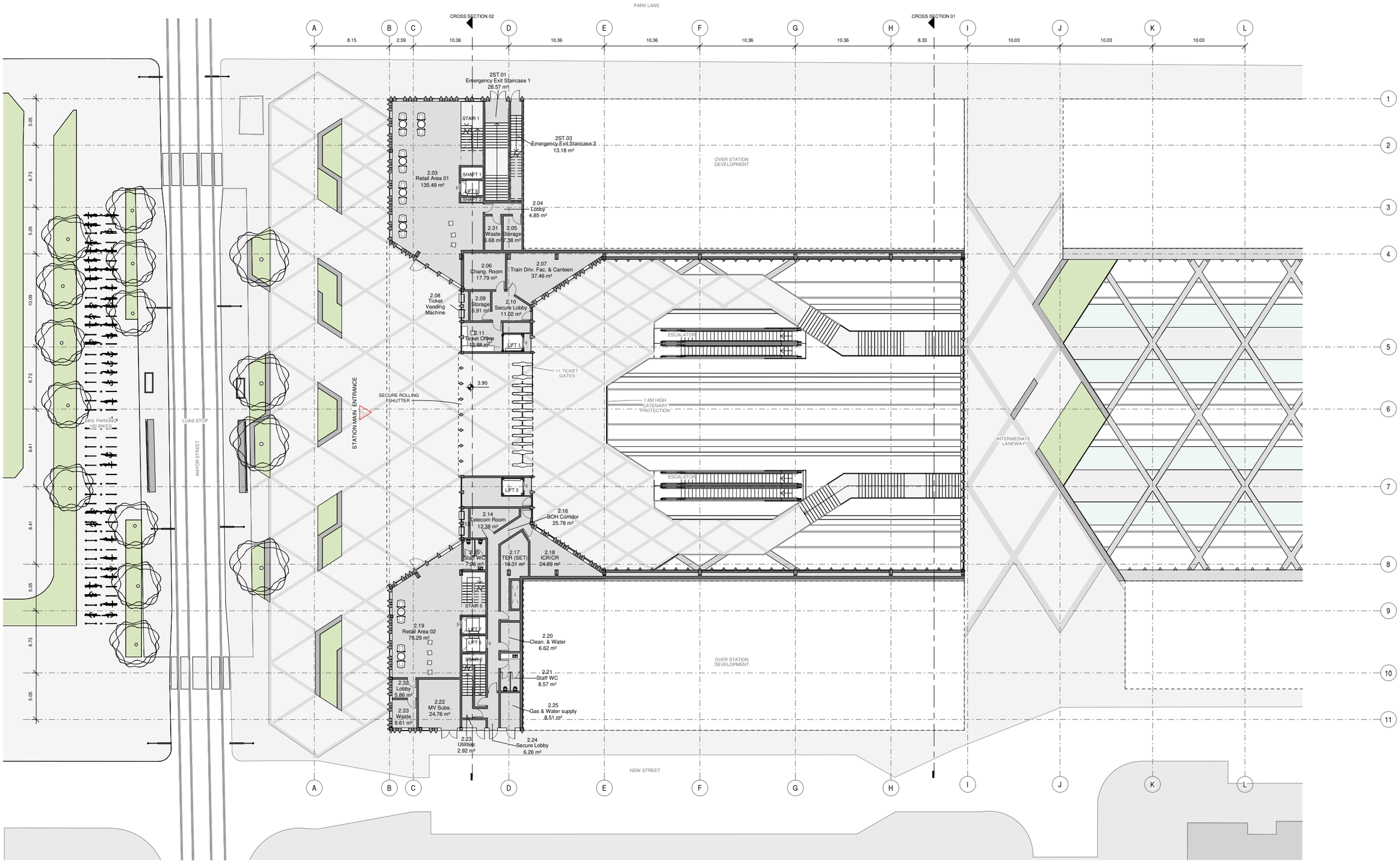
STATIONS DESIGN
SPENCER DOCK STATION
STREET LEVEL PLAN

Scale: 1:300 @ A1 - 1:600 @ A3

0 1.5 3.77 7.5 15

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0003	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	1 of 3



REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

DART+ West

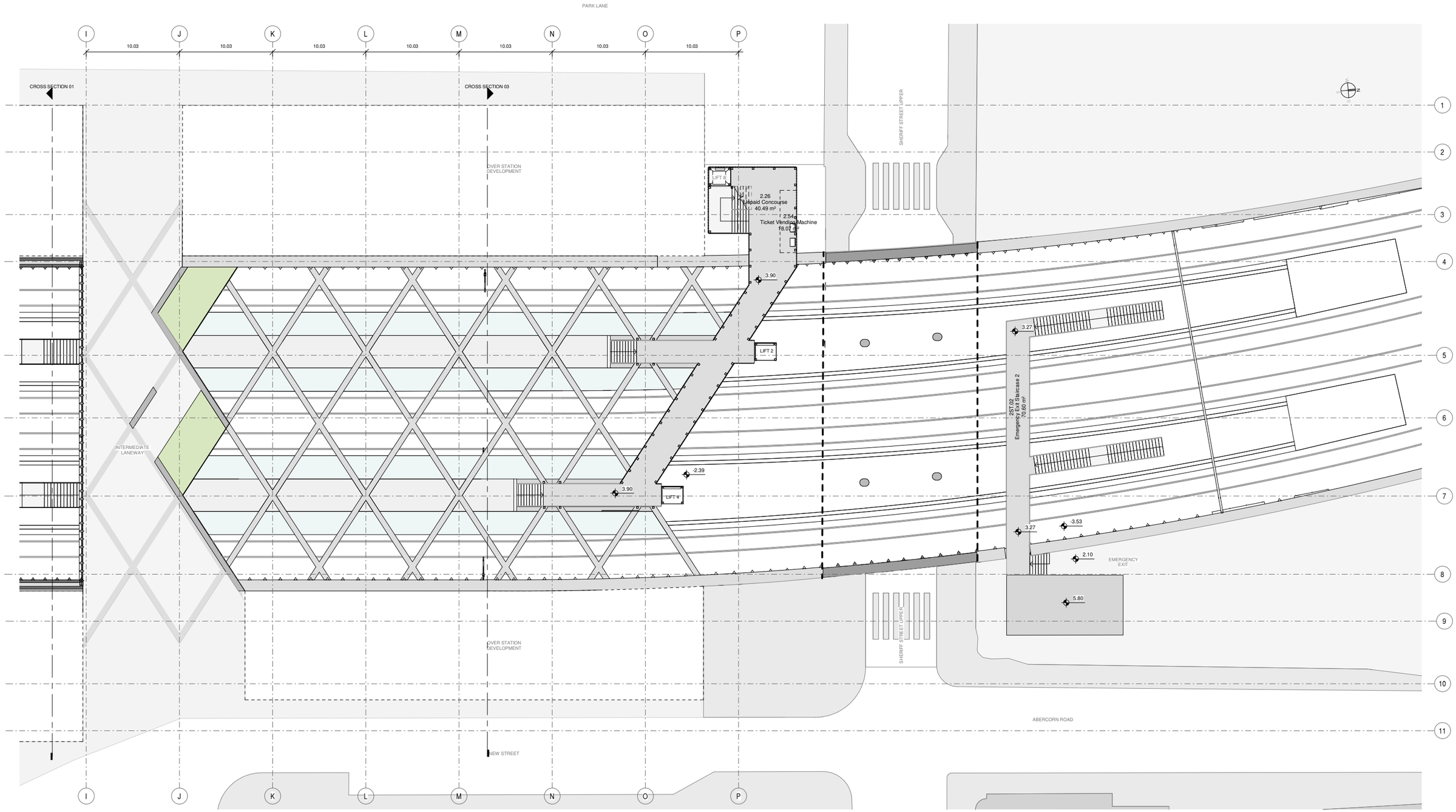
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
STREET LEVEL PLAN

Scale: 1:200 @ A1 - 1:400 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0003	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	2 of 3



REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

DART+ West

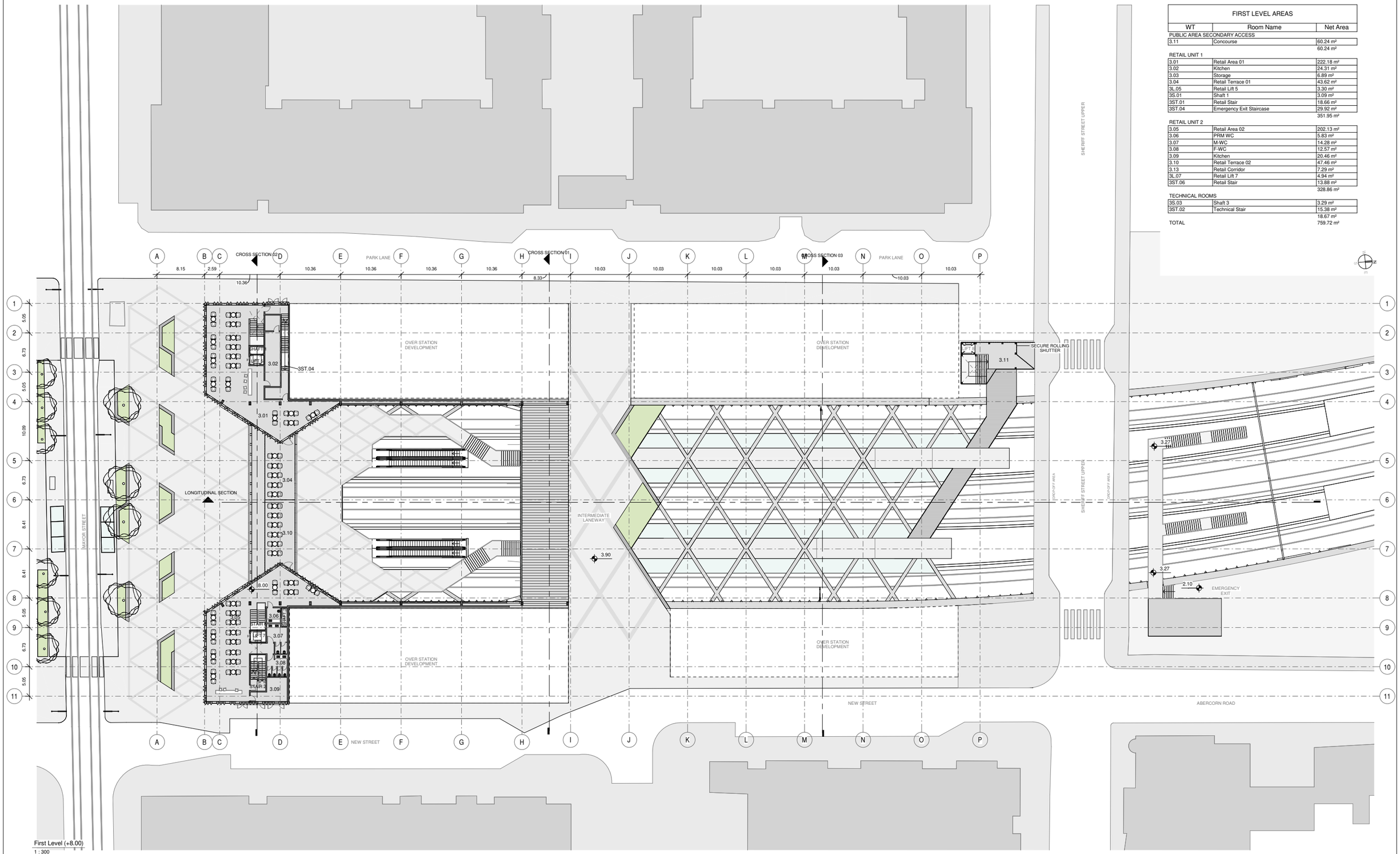
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
STREET LEVEL PLAN

Scale: 1:200 @ A1 - 1:400 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0003	D

Date:	Job No:	Status:	Rev:	Sheet: 3 of 3
April 2022	P/101086	F1-Approved & accepted	V01	



First Level (+8.00)
1 : 300

FIRST LEVEL AREAS		
WT	Room Name	Net Area
PUBLIC AREA SECONDARY ACCESS		
3.11	Concourse	60.24 m²
		60.24 m²
RETAIL UNIT 1		
3.01	Retail Area 01	222.18 m²
3.02	Kitchen	24.31 m²
3.03	Storage	6.89 m²
3.04	Retail Terrace 01	43.62 m²
3L.05	Retail Lift 5	3.30 m²
3S.01	Shaft 1	3.09 m²
3ST.01	Retail Stair	18.66 m²
3ST.04	Emergency Exit Staircase	29.92 m²
		351.95 m²
RETAIL UNIT 2		
3.05	Retail Area 02	202.13 m²
3.06	PRM WC	5.83 m²
3.07	M-WC	14.28 m²
3.08	F-WC	12.57 m²
3.09	Kitchen	20.46 m²
3.10	Retail Terrace 02	47.46 m²
3.13	Retail Corridor	7.29 m²
3L.07	Retail Lift 7	4.94 m²
3ST.06	Retail Stair	13.88 m²
		328.86 m²
TECHNICAL ROOMS		
3S.03	Shaft 3	3.29 m²
3ST.02	Technical Stair	15.38 m²
		18.67 m²
TOTAL		759.72 m²

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSi Aerial Data or OSi Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

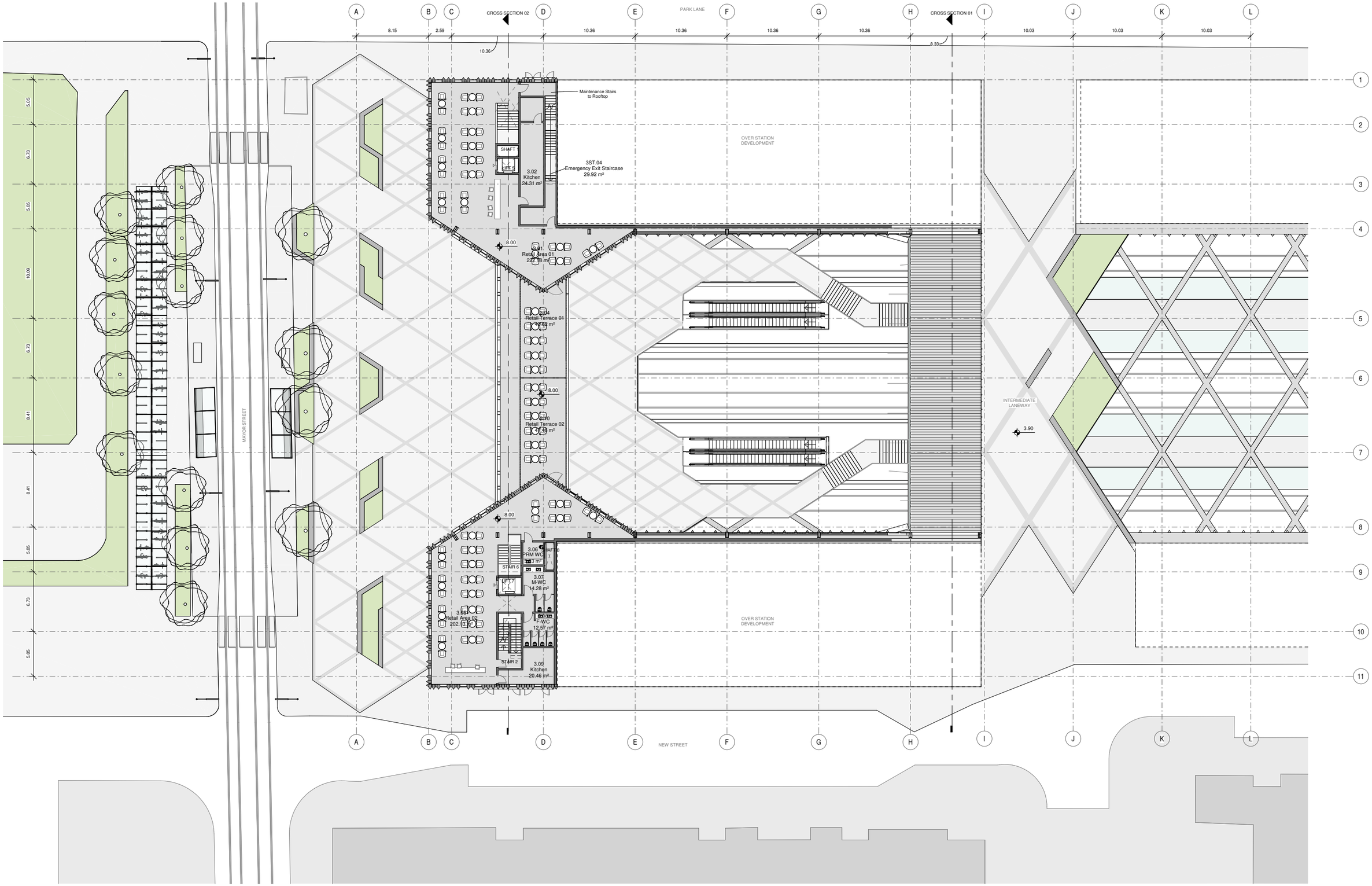
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
FIRST LEVEL PLAN

Scale: 1:300 @ A1 - 1:600 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0004	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	1 of 3



REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020-OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant

IDOM | C3 | ROD Roughan & O'Donovan

Project

DART+ West

Drawing Title

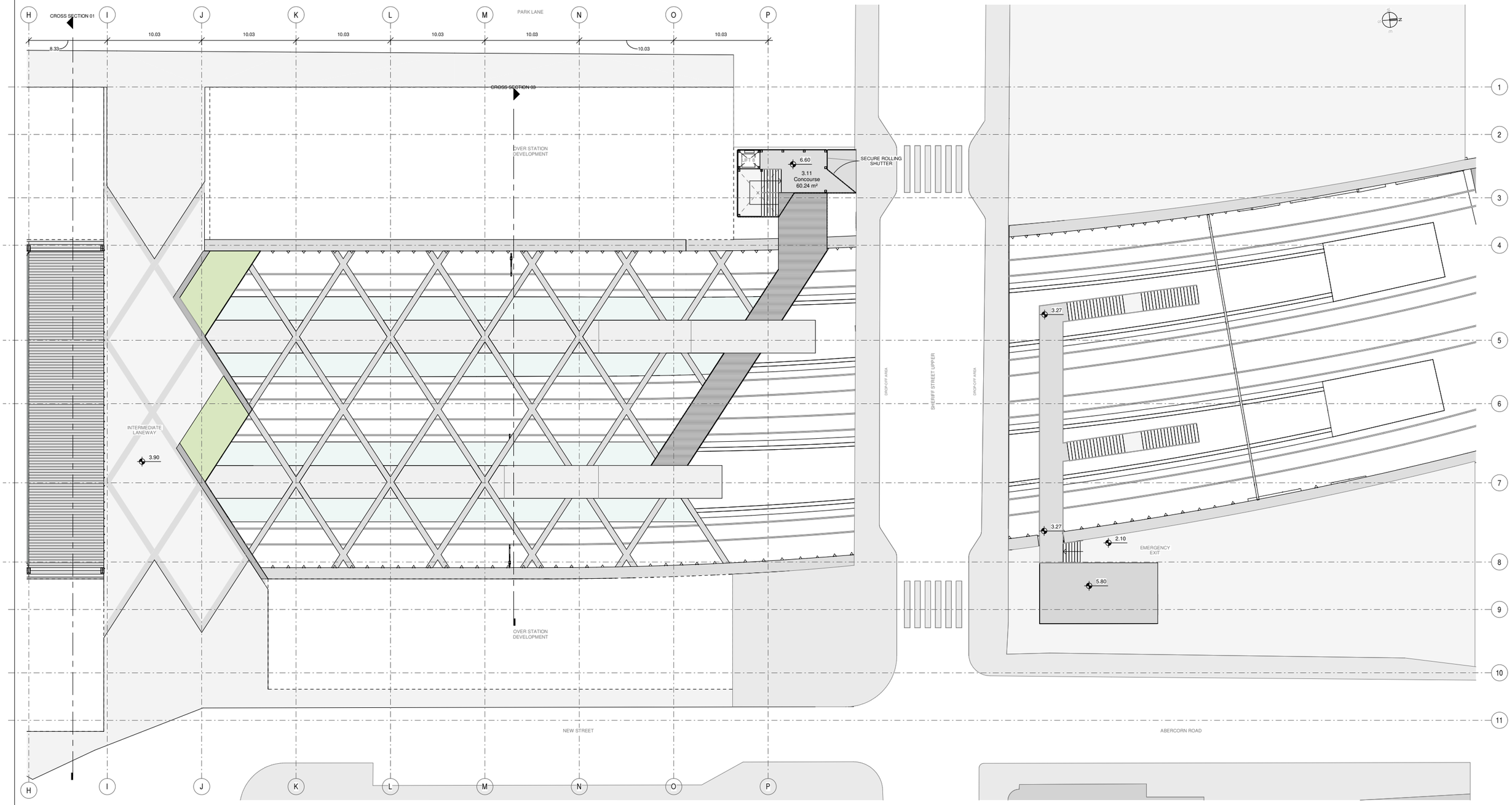
STATIONS DESIGN
SPENCER DOCK STATION
FIRST LEVEL PLAN

Scale: 1:200 @ A1 - 1:400 @ A3

0 1 2 3 4 5 10

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0004	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	2 of 3



REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSi Aerial Data or OSi Lidar Data) & Survey No. **2020-OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

DART+ West

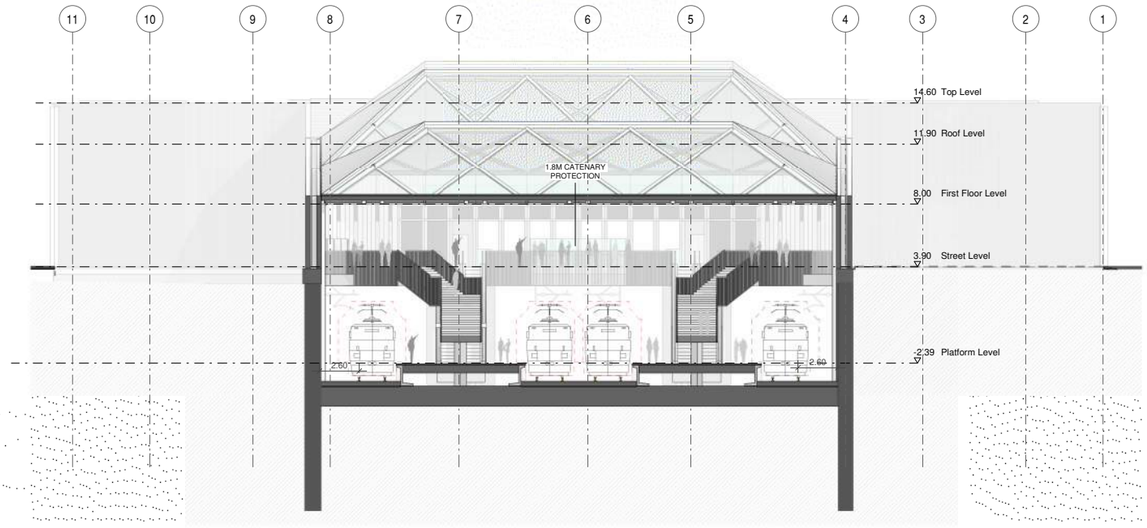
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
FIRST LEVEL PLAN

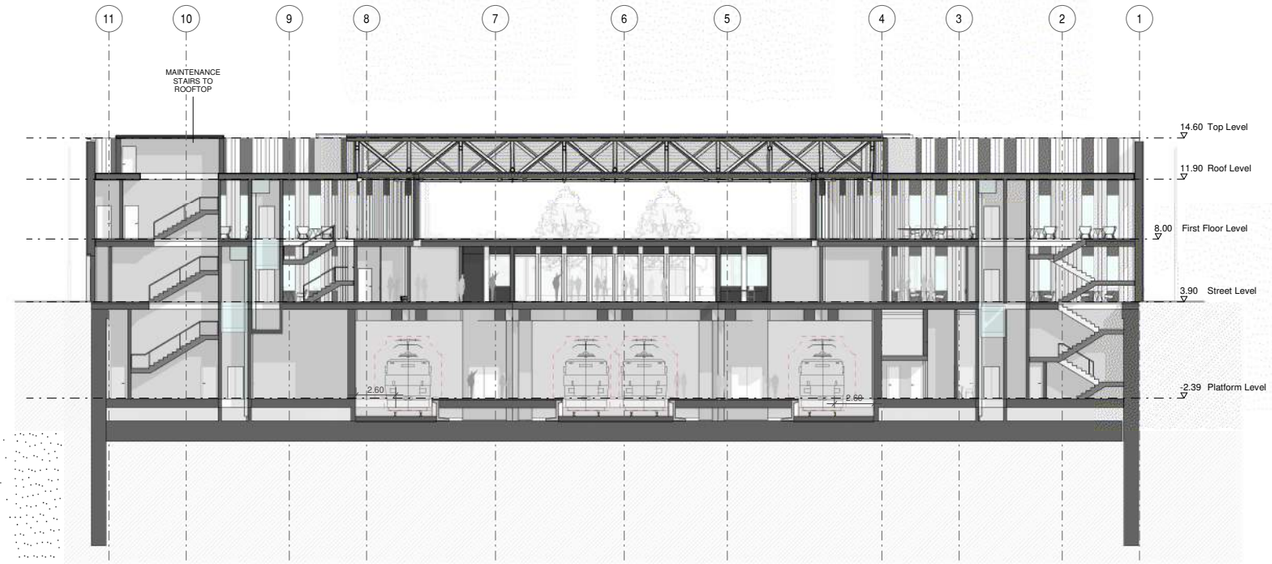
Scale: 1:200 @ A1 - 1:400 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0004	D

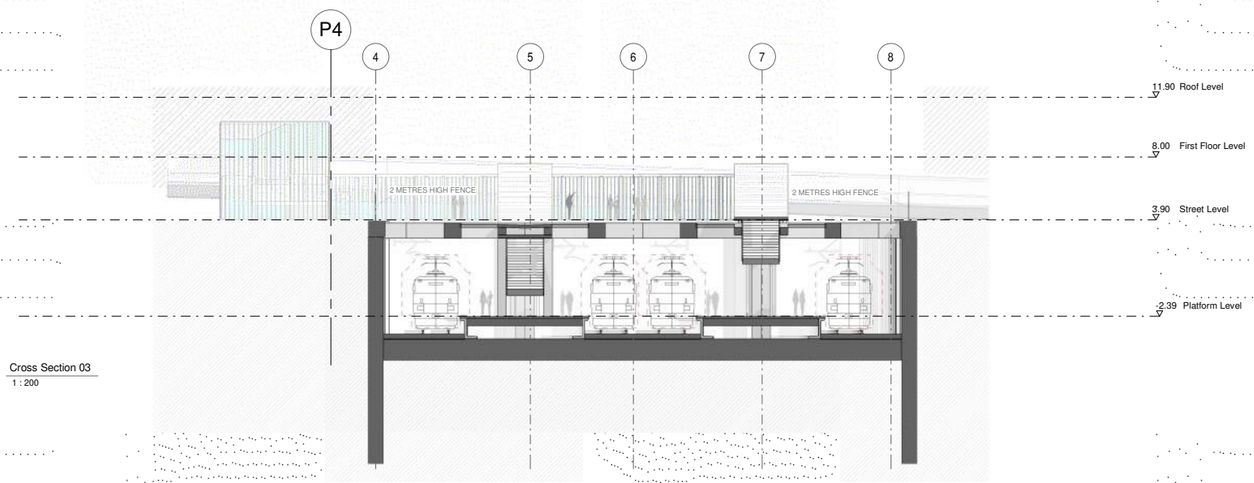
Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	3 of 3



Cross Section 01
1 : 200



Cross Section 02
1 : 200



Cross Section 03
1 : 200

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

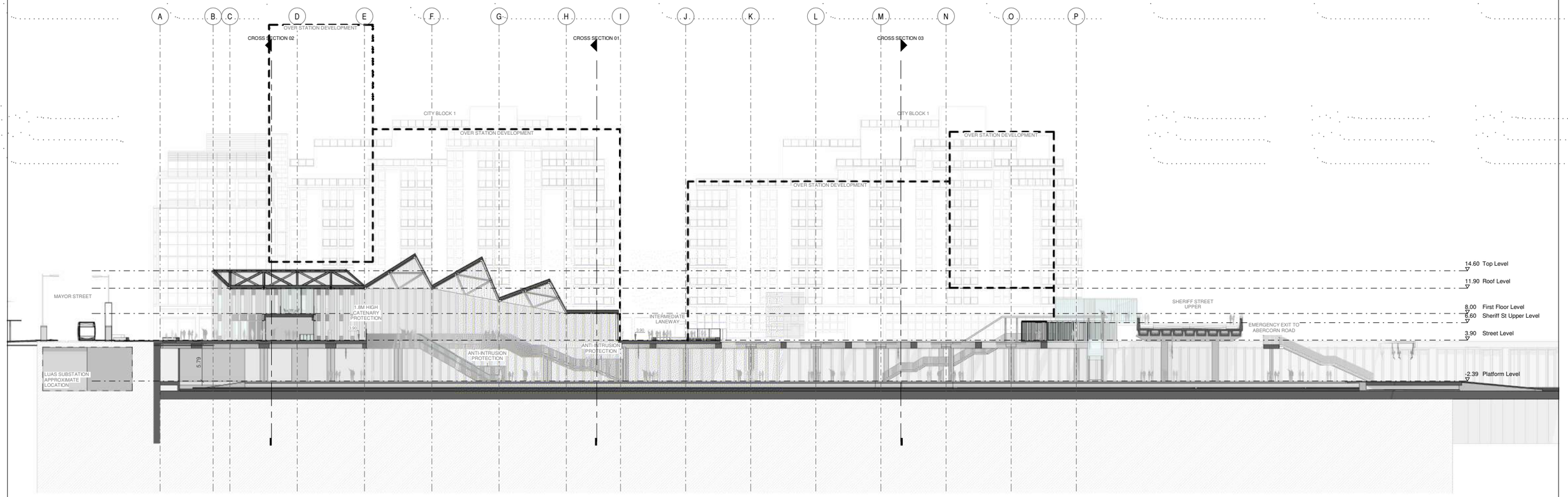
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
CROSS SECTIONS

Scale: 1:200 @ A1 - 1:400 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0005	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	1 of 1



LONGITUDINAL SECTION
1 : 300

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant

IDOM | C3 | ROD Roughan & O'Donovan

Project

DART+ West

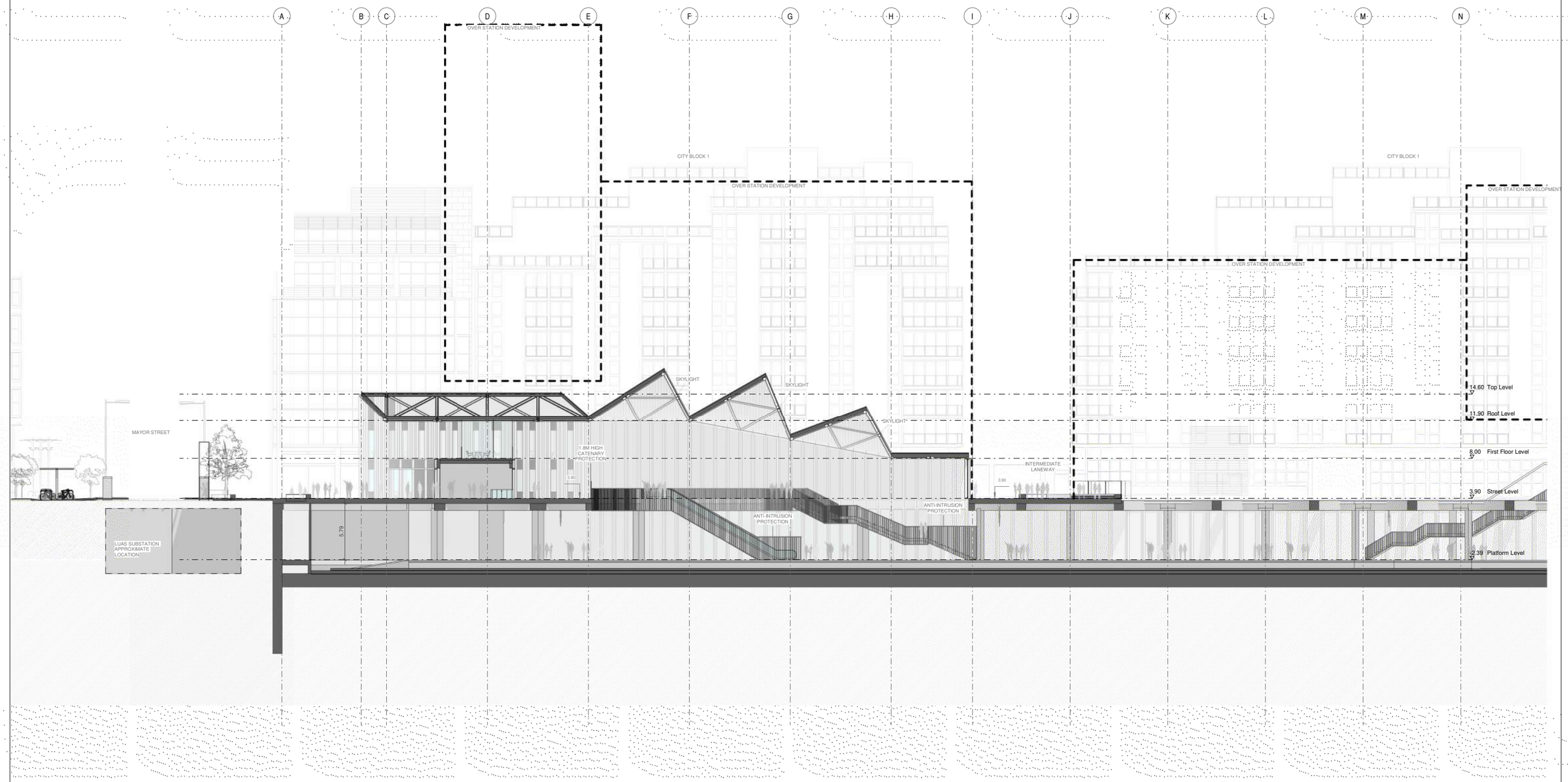
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
LONGITUDINAL SECTION

Scale:
1:300 @ A1 - 1:600 @ A3
0 1.5 3.77 7.5 15

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0006	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	1 of 3



LONGITUDINAL SECTION 1/200 1

1 : 200

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSi Aerial Data or OSi Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

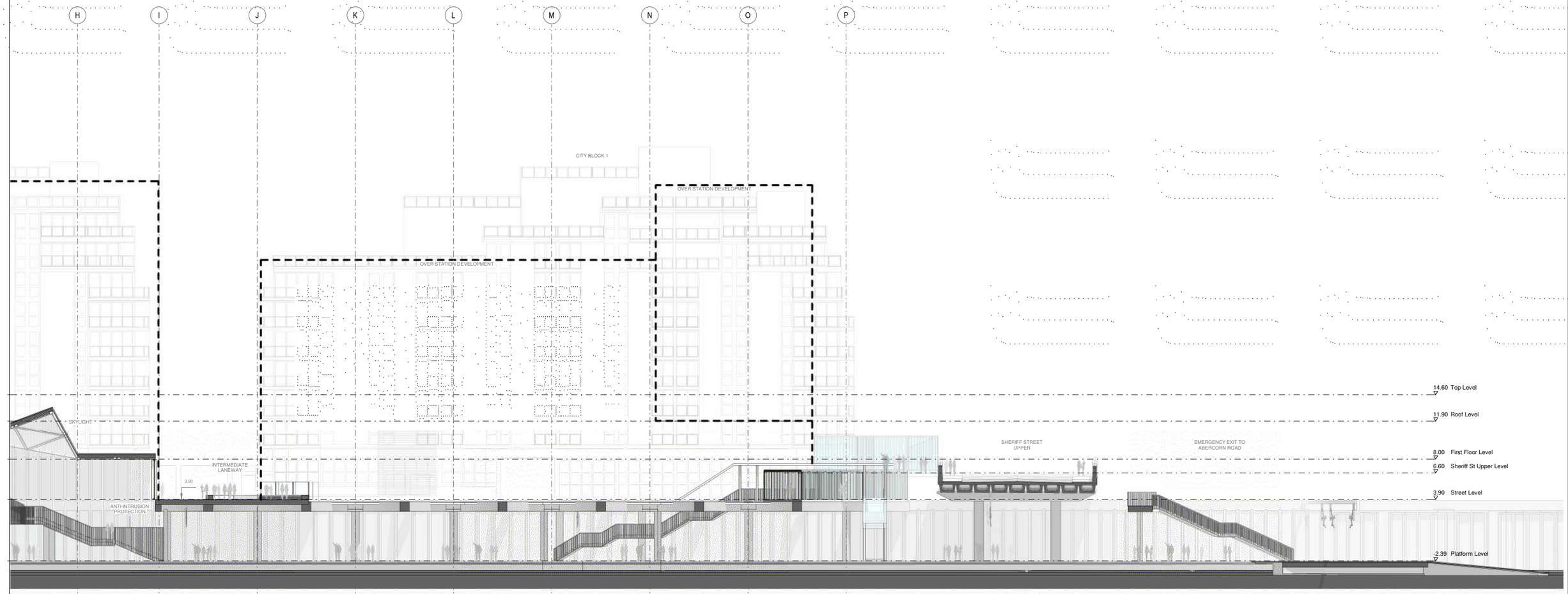
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
LONGITUDINAL SECTION

Scale: 1:200 @ A1 - 1:400 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0006	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	2 of 3



LONGITUDINAL SECTION 1/200 2

1 : 200

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020-OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant

IDOM | C3 | ROD Roughan & O'Donovan

Project

DART+ West

Drawing Title

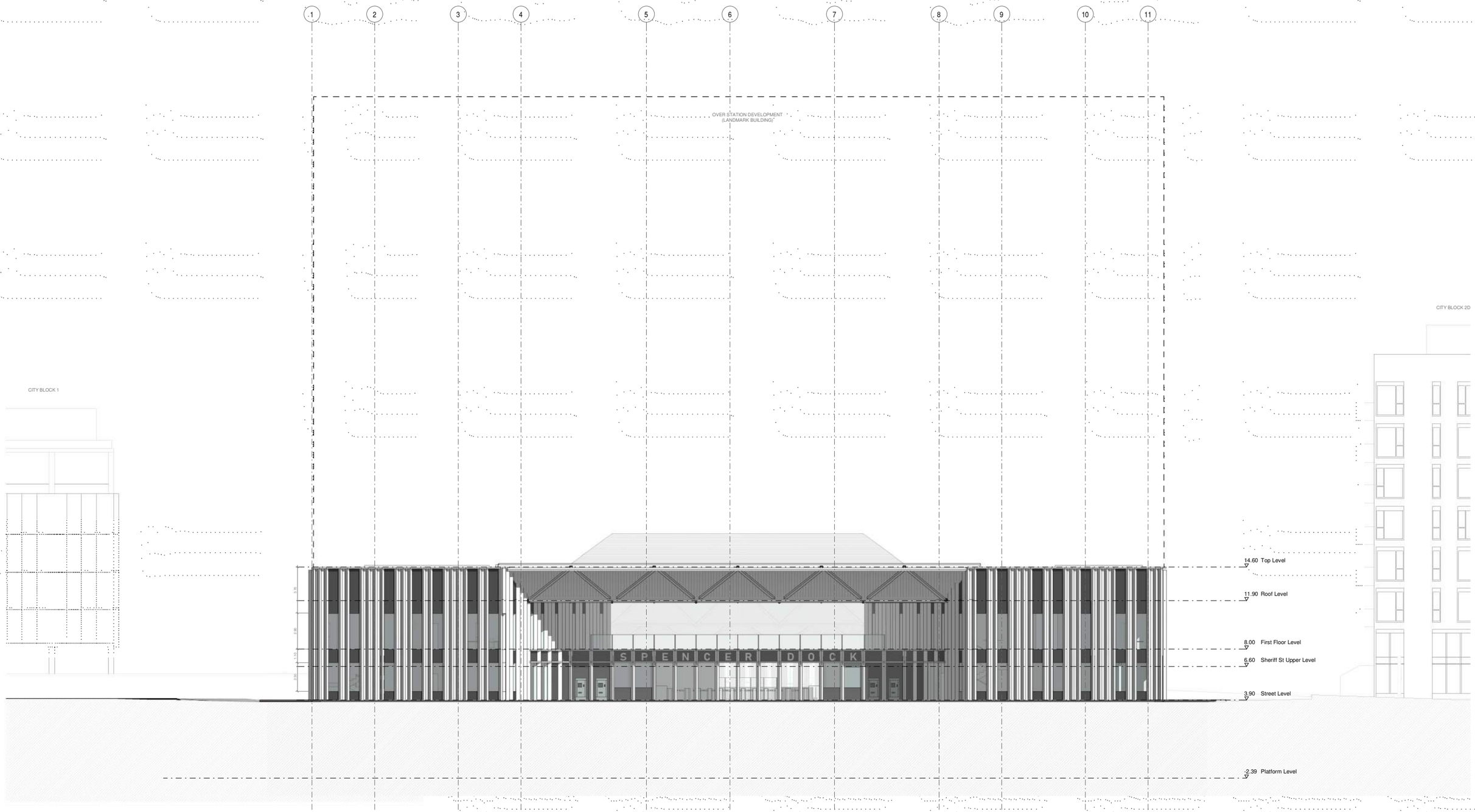
STATIONS DESIGN
SPENCER DOCK STATION
LONGITUDINAL SECTION

Scale: 1:200 @ A1 - 1:400 @ A3

0 1 2 3 4 5 10

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0006	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	3 of 3



SOUTH ELEVATION
1 : 150

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

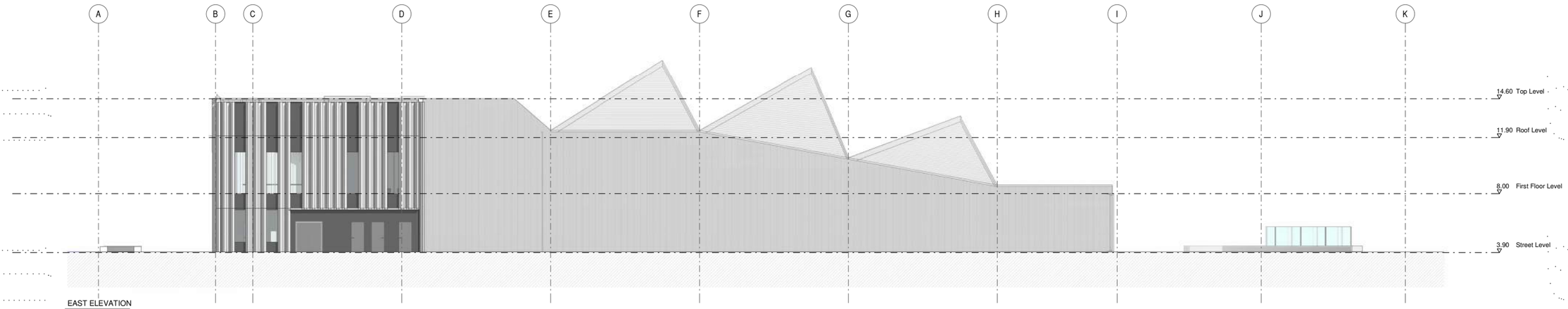
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
ELEVATIONS

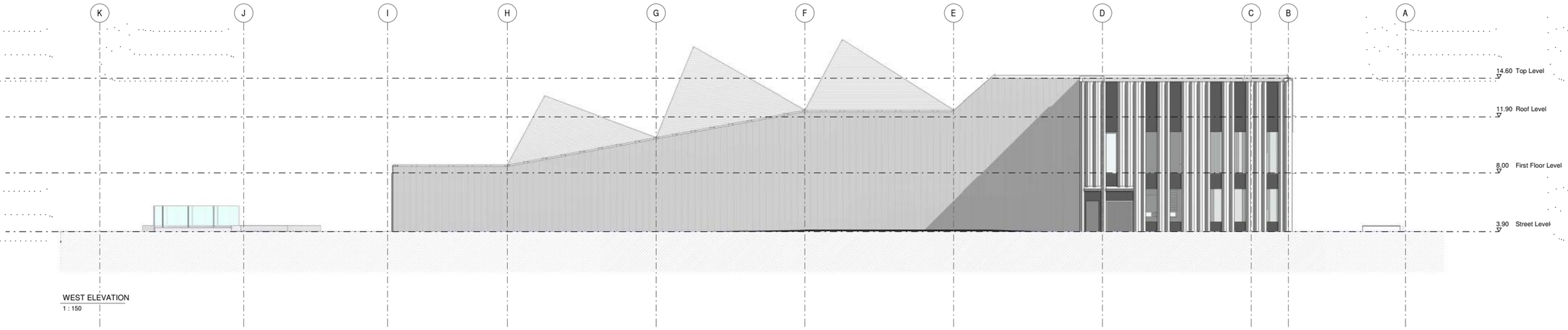
Scale:
1:150 @ A1 - 1:300 @ A3
0 0.5 1 2 3 4 5

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0007	D

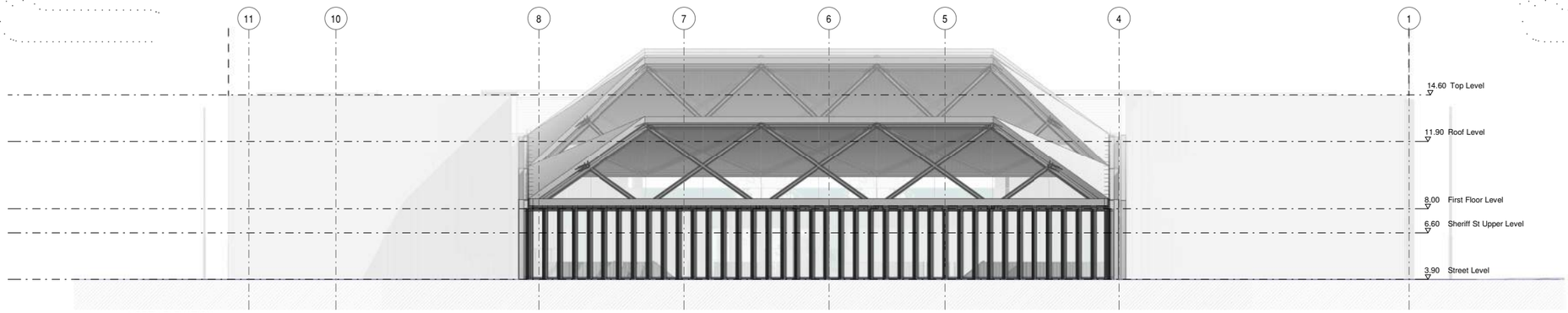
Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	1 of 3



EAST ELEVATION
1 : 150



WEST ELEVATION
1 : 150



NORTH ELEVATION
1 : 150

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSi Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

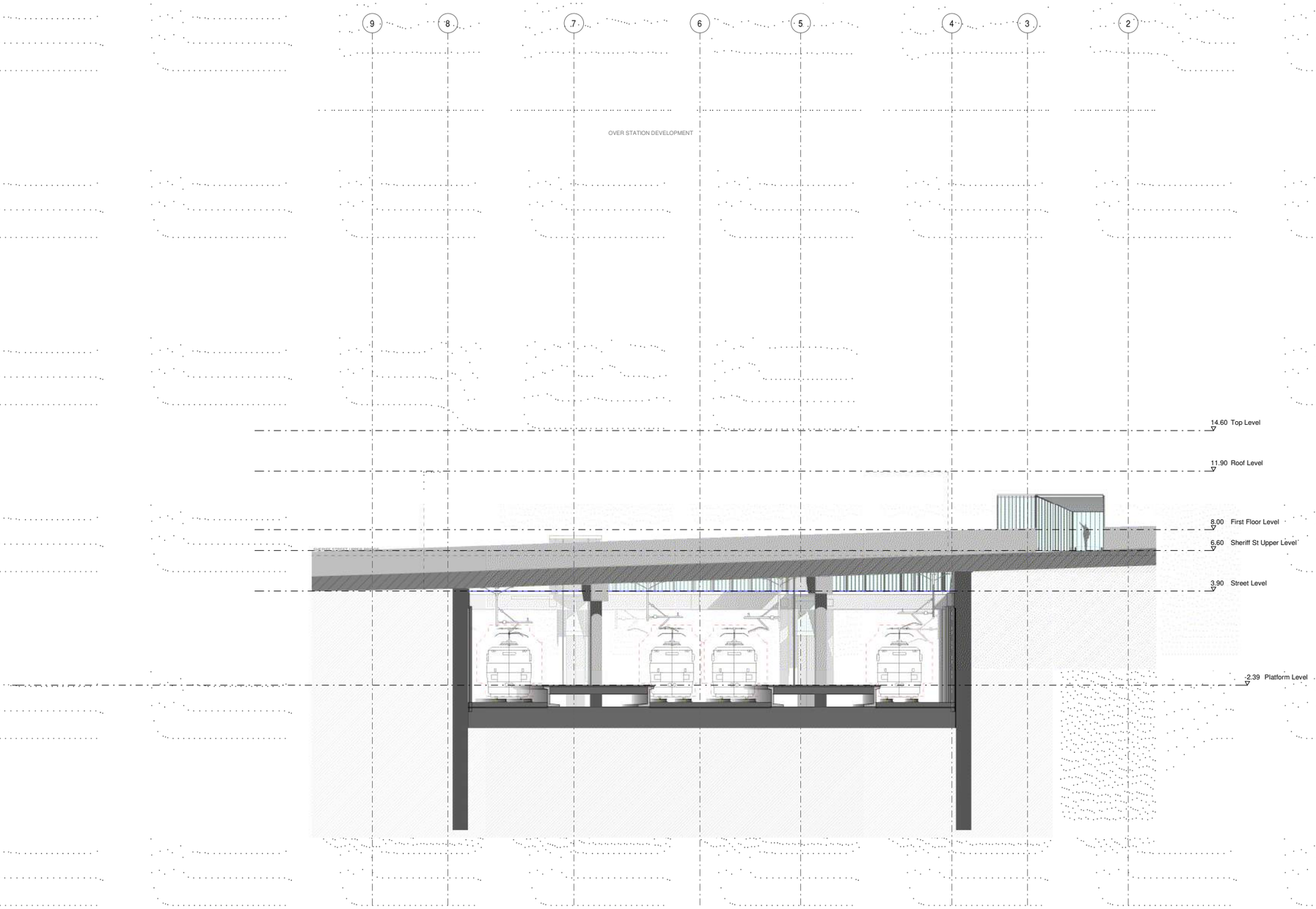
Project: DART+ West

Drawing Title: STATIONS DESIGN
SPENCER DOCK STATION
ELEVATIONS

Scale: 1:150 @ A1 - 1:300 @ A3
0 0.5 1 2 3 4 5

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0007	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	2 of 3



SECONDARY ACCESS ELEVATION
1 : 150

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Consultant

Project

DART+ West

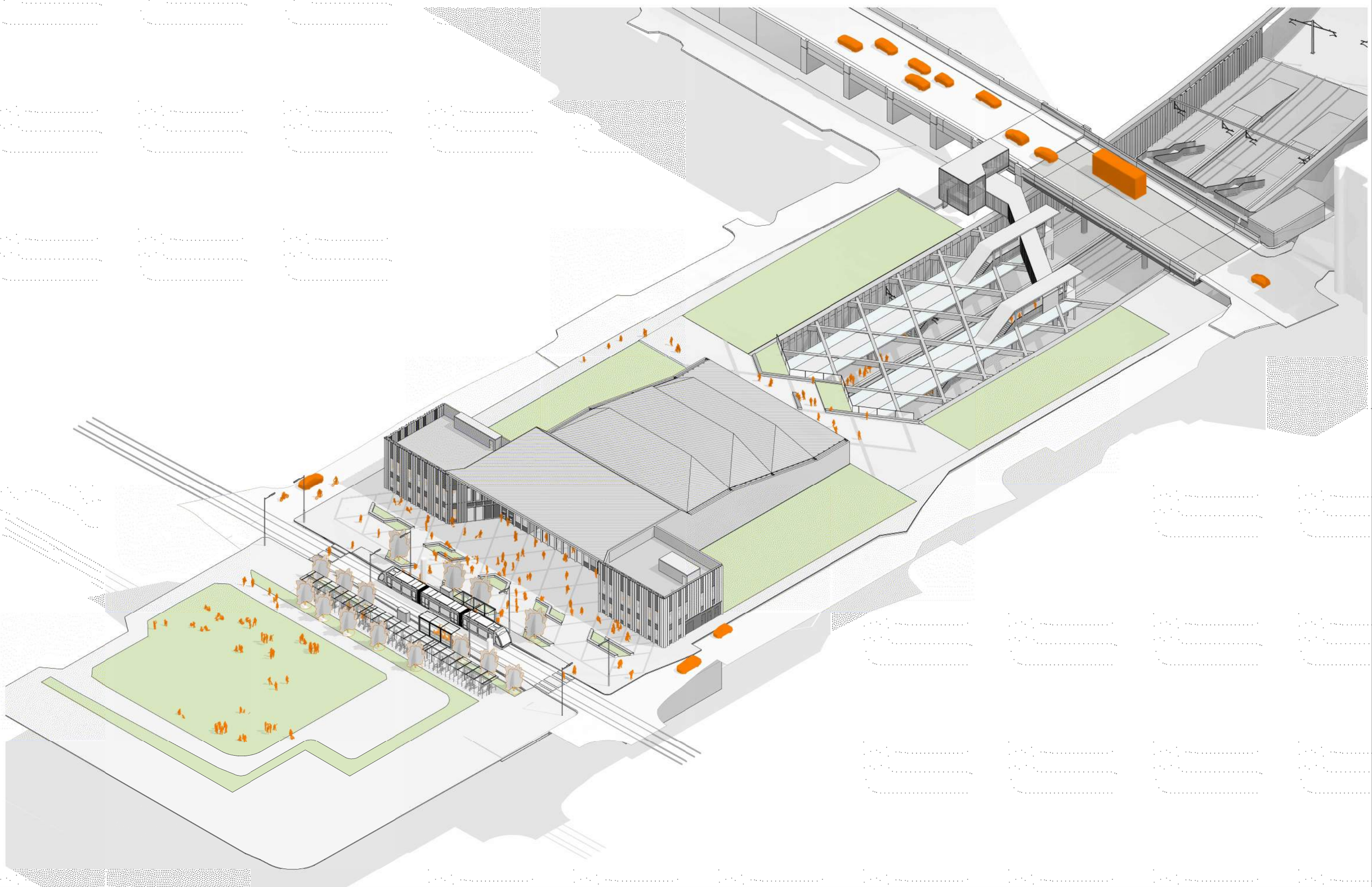
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
ELEVATIONS

Scale: 1:150 @ A1 - 1:300 @ A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0007	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	3 of 3



REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant

IDOM | C3 | ROD Roughan & O'Donovan

Project

DART+ West

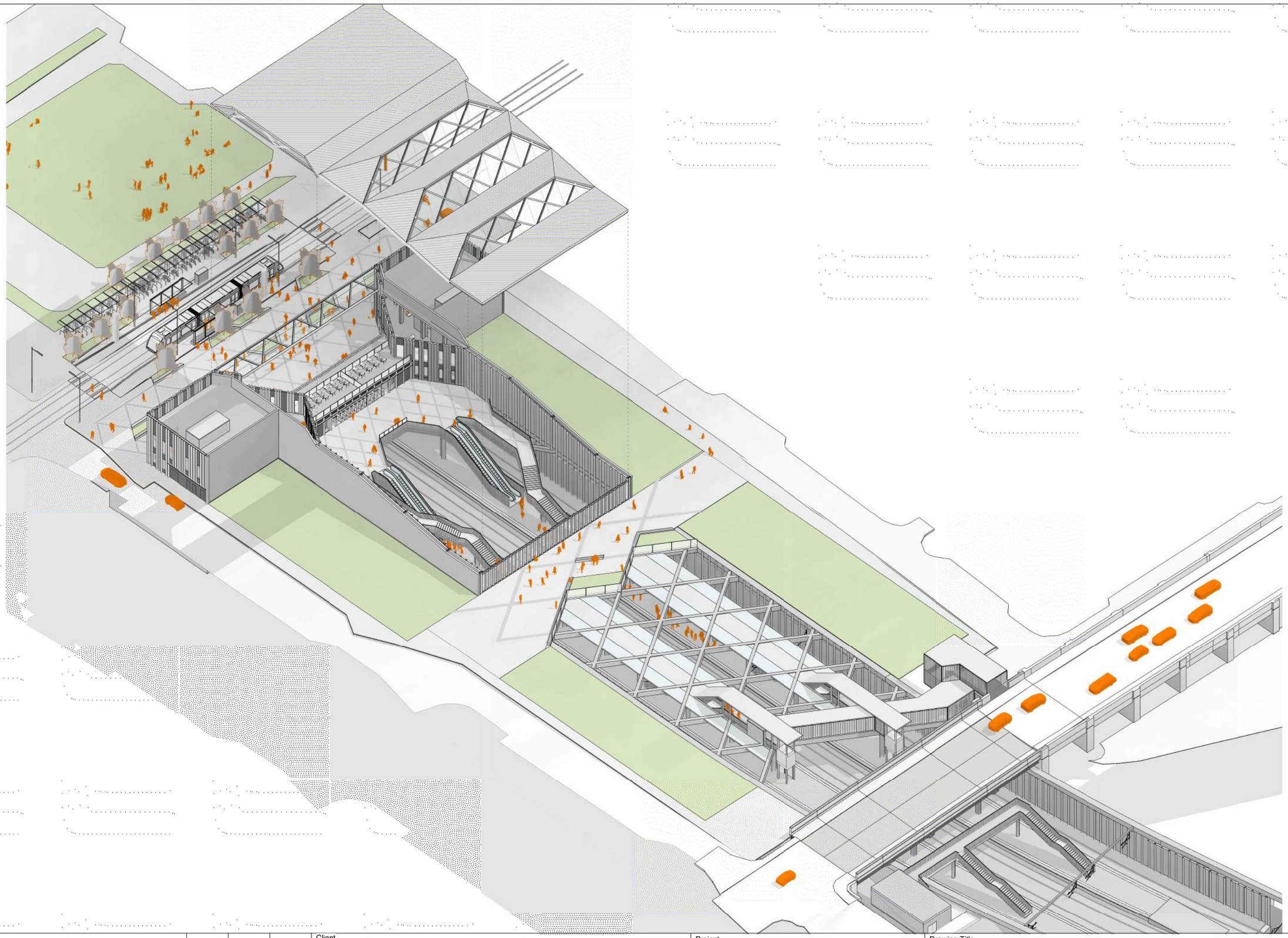
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
AXONOMETRIC VIEW

Scale: 1:-- @ A1 - 1:-- @A3

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0008	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	1 of 2



REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant

IDOM | C3 | ROD Roughan & O'Donovan

Project

DART+ West

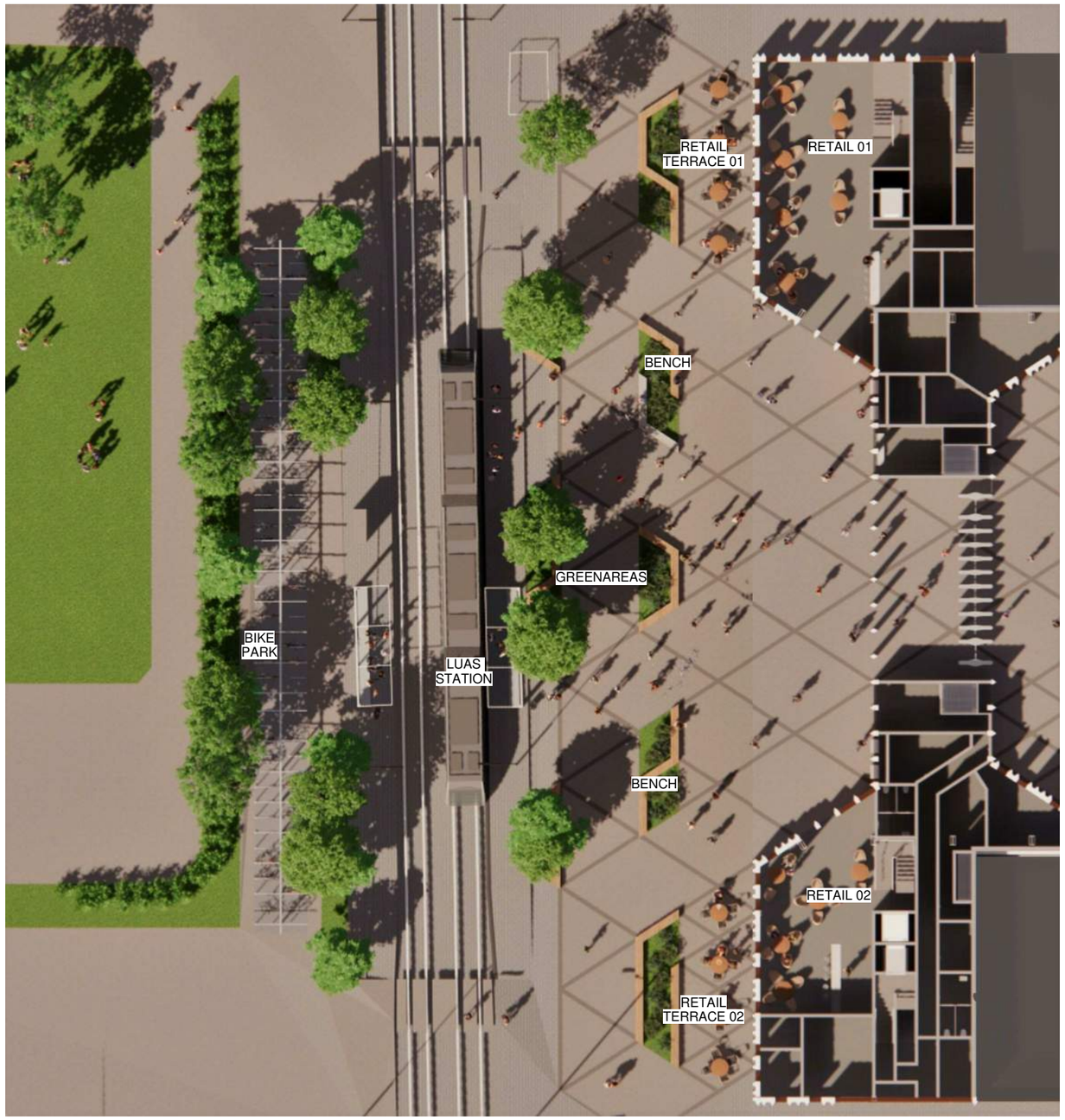
Drawing Title

STATIONS DESIGN
SPENCER DOCK STATION
AXONOMETRIC VIEW

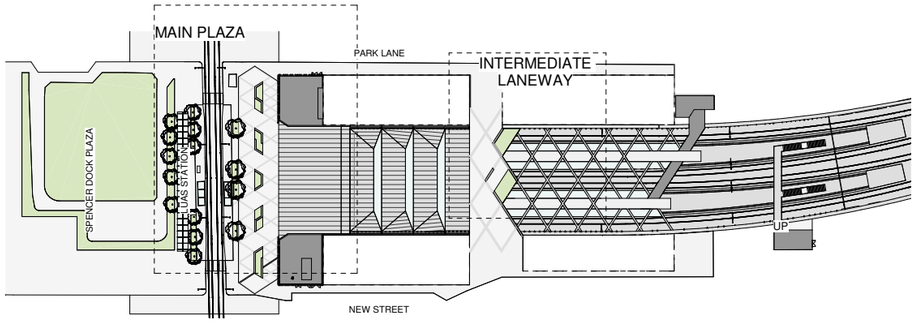
Scale: 1:-- @ A1 - 1:-- @A3

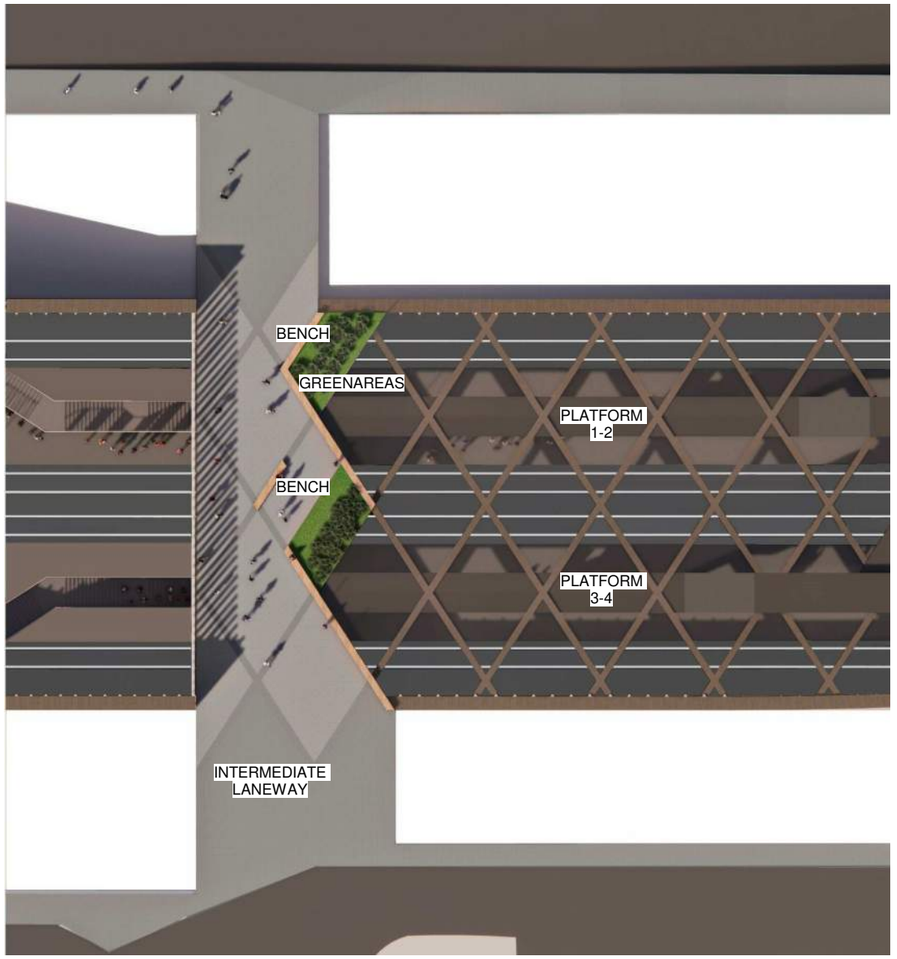
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	ARC	RS01	DR	A	0008	D

Date:	Job No:	Status:	Rev:	Sheet: 2 of 2
April 2022	P/101086	F1-Approved & accepted	V01	



MAIN PLAZA





INTERMEDIATE LANEWAY

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020-OSi_NMA_180** (OSI Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

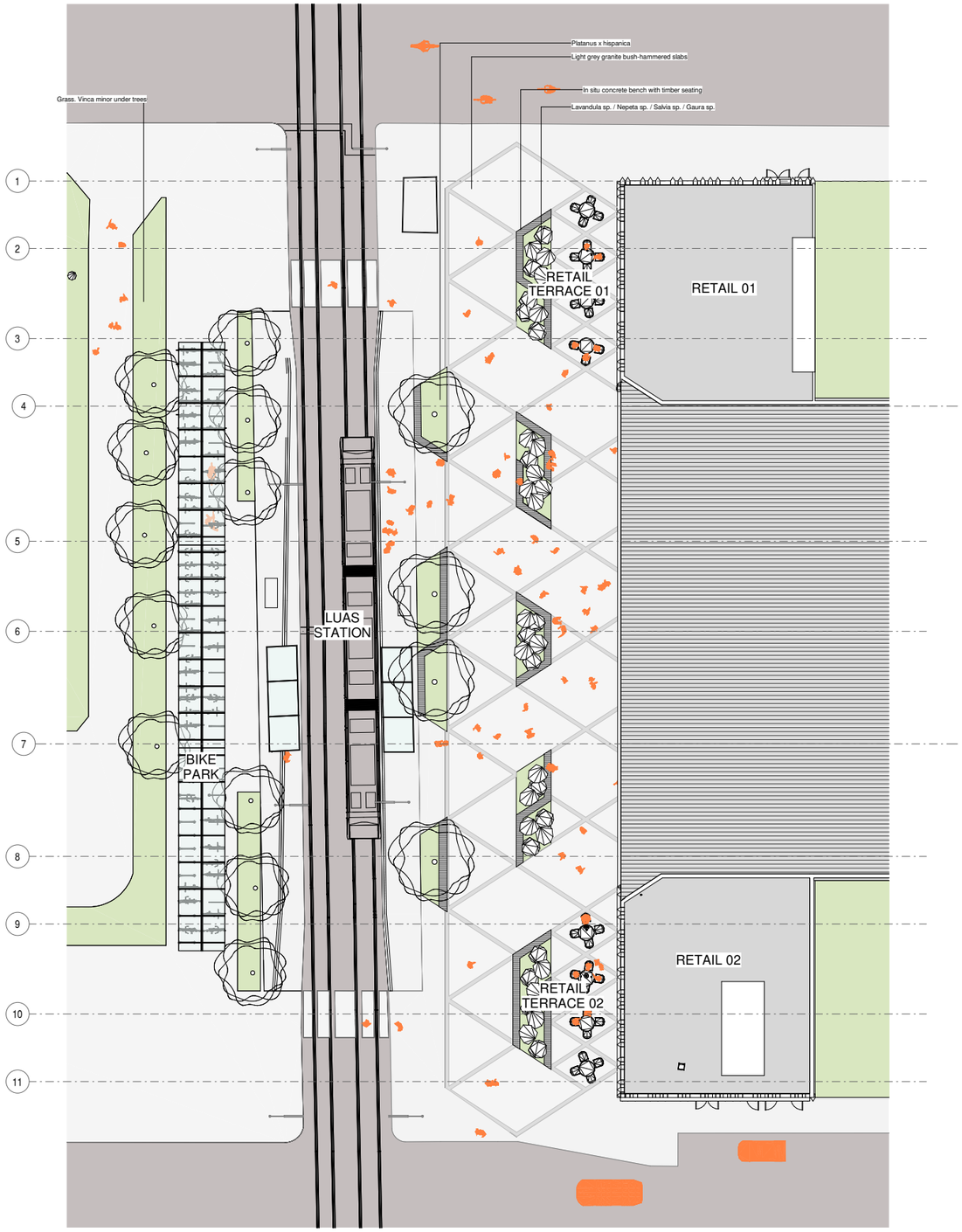
Project: DART+ West

Drawing Title: STATIONS DESIGN
SPENCER DOCK STATION
LANDSCAPE AND URBAN INTEGRATION

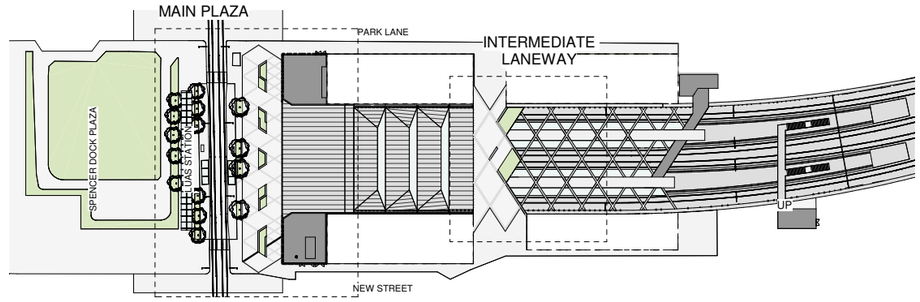
Scale: 1:-- @ A1 - 1:-- @A3

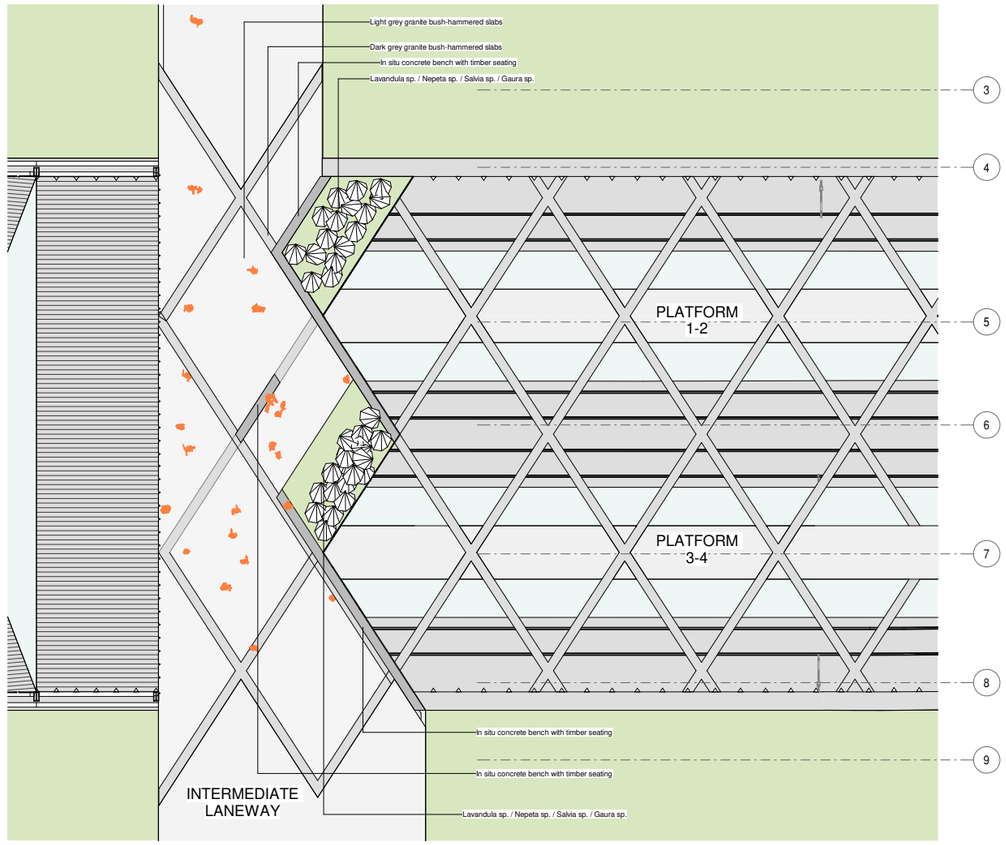
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	LAN	RS01	DR	A	0001	D

Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	1 of 2



MAIN PLAZA





INTERMEDIATE LANEWAY

REV.	DATE	Description	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	BAC	LA	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client

Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant

IDOM | C3 | ROD Roughan & O'Donovan

Project

DART+ West

Drawing Title

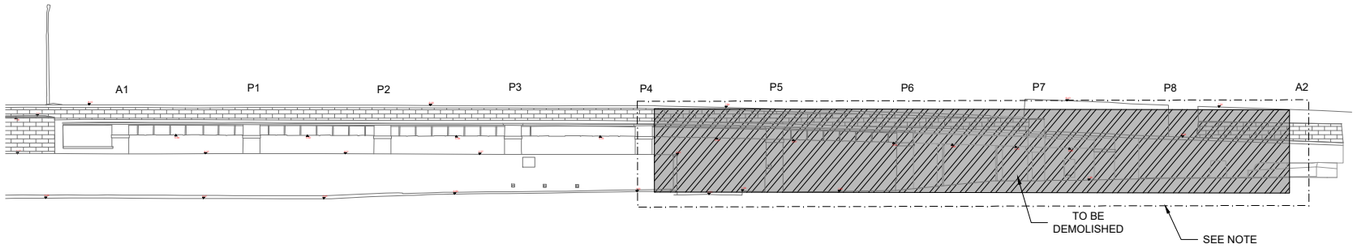
STATIONS DESIGN
SPENCER DOCK STATION
LANDSCAPE AND URBAN INTEGRATION

Scale: 1:200 @ A1 - 1:400 @ A3

0 1 2 3 4 5 10

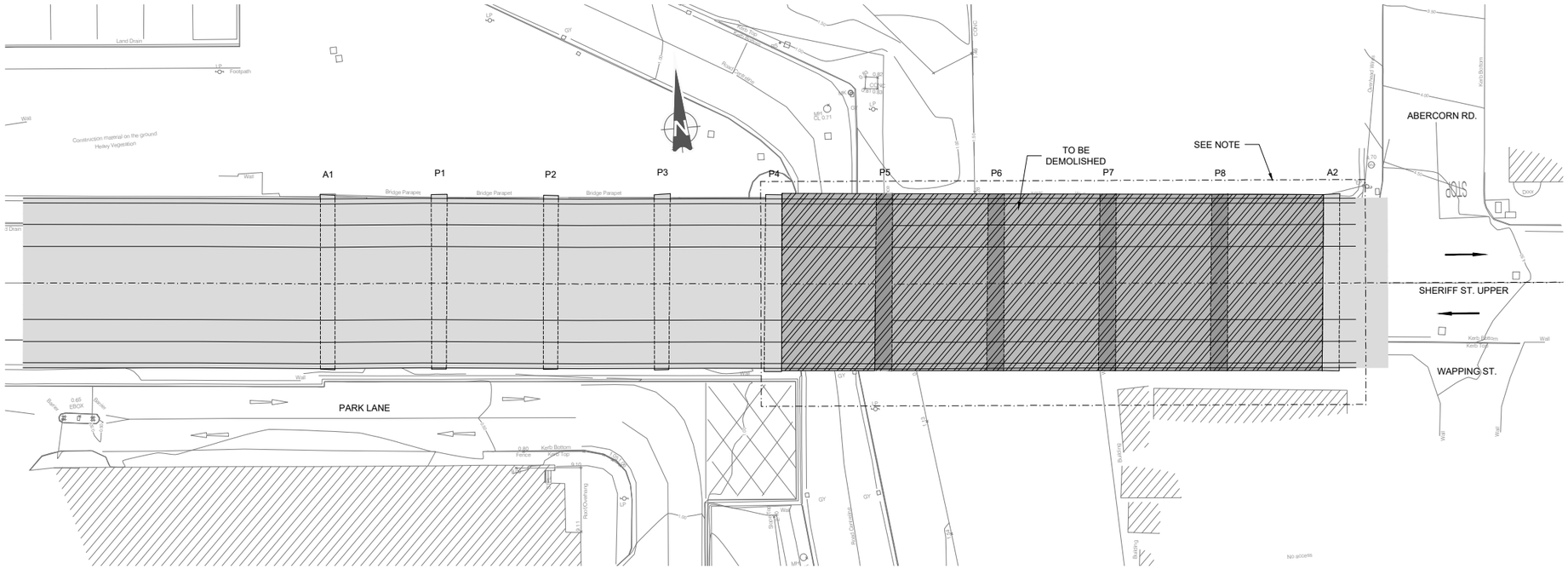
Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	LAN	RS01	DR	A	0001	D

Date:	Job No:	Status:	Rev:	Sheet: 2 of 2
April 2022	P/101086	F1-Approved & accepted	V01	



CURRENT STATE, ELEVATION

SCALE 1:250



CURRENT STATE, PLAN

SCALE 1:250

NOTE:
-THE DIMENSION AND GEOMETRY OF THE EXISTING SHERIFF STREET BRIDGE SHALL BE UPDATED AND VERIFIED ONCE THE UPDATED TOPOGRAPHY IS RECEIVED.

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	EAC	ACJ	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSi Aerial Data or OSi Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght Coilege (TLLG).

Client

Consultant

Project

DART+ West

Drawing Title

STRUCTURE DESIGN
SHERIFF STREET BRIDGE RECONSTRUCTION
PLAN, ELEVATION & SECTION DETAIL

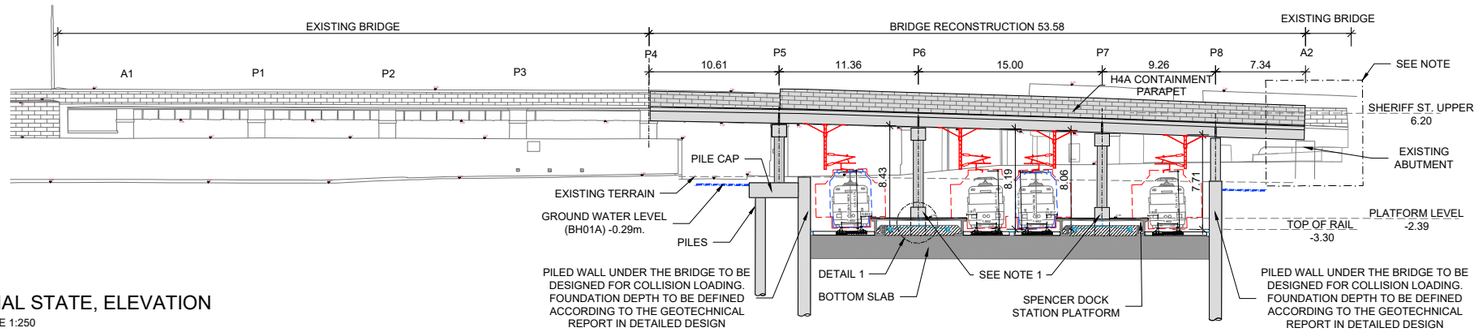
Scale: 1:1000 @ A1 1:2000 @ A3

0 INDICATED

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	STR	SC01	DR	C	0002	D

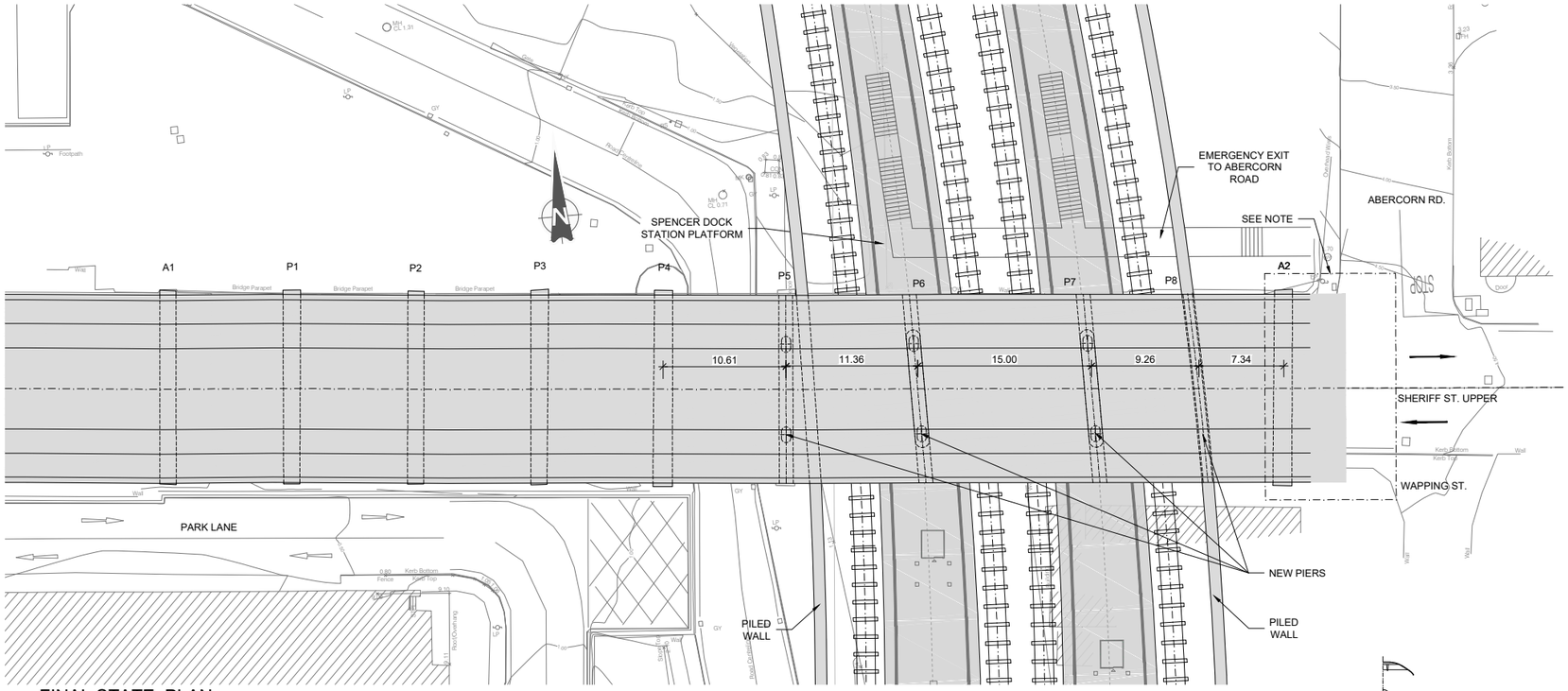
Date:	Job No:	Status:	Rev:	Sheet:
April 2022	P/101086	F1-Approved & accepted	V01	1 of 3

NOTE 1:
PIERS SITUATED ON PLATFORMS TO BE DESIGNED FOR 50% OF COLLISION LOADING ACCORDING TO SECTION 5.3.2 OF UIC 777-2R



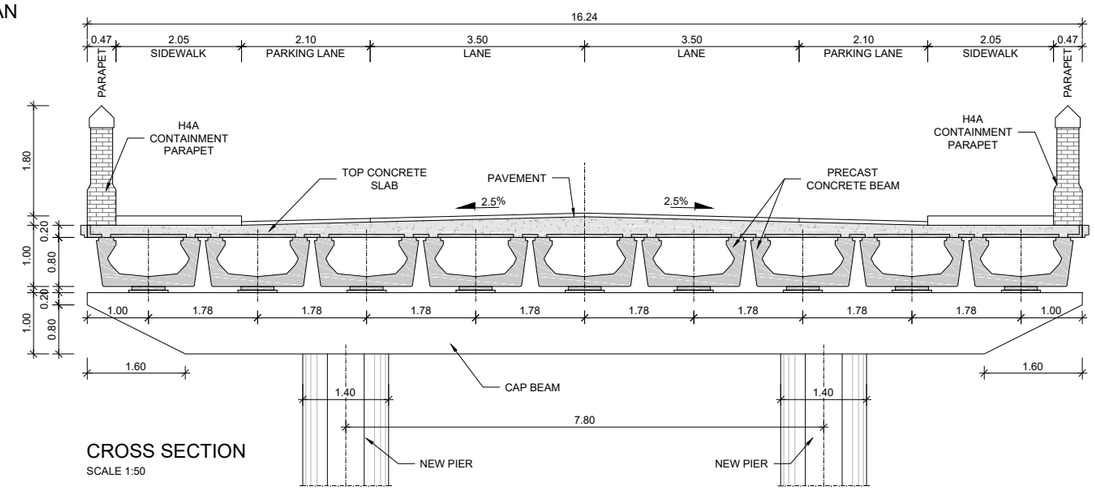
FINAL STATE, ELEVATION

SCALE 1:250



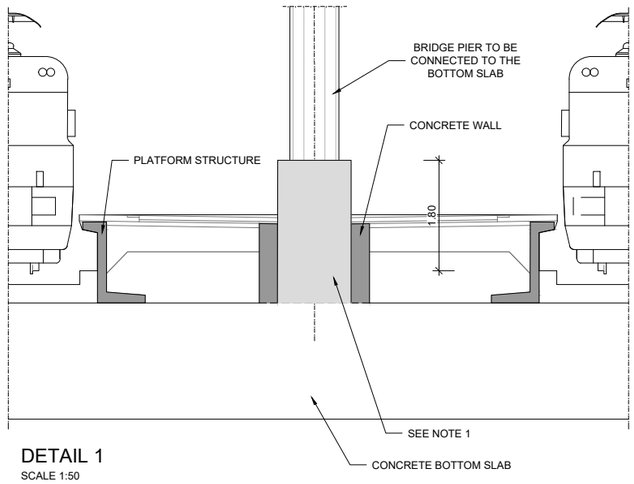
FINAL STATE, PLAN

SCALE 1:250



CROSS SECTION

SCALE 1:50



DETAIL 1

SCALE 1:50

NOTE:
-THE BRIDGE DECK DIMENSION SHALL BE CHECKED AND VERIFIED TO MATCH CORRECTLY WITH THE EXISTING BRIDGE DECK IN THE DETAIL DESIGN.

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	EAC	ACJ	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).

All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | C3 | ROD Roughan & O'Donovan

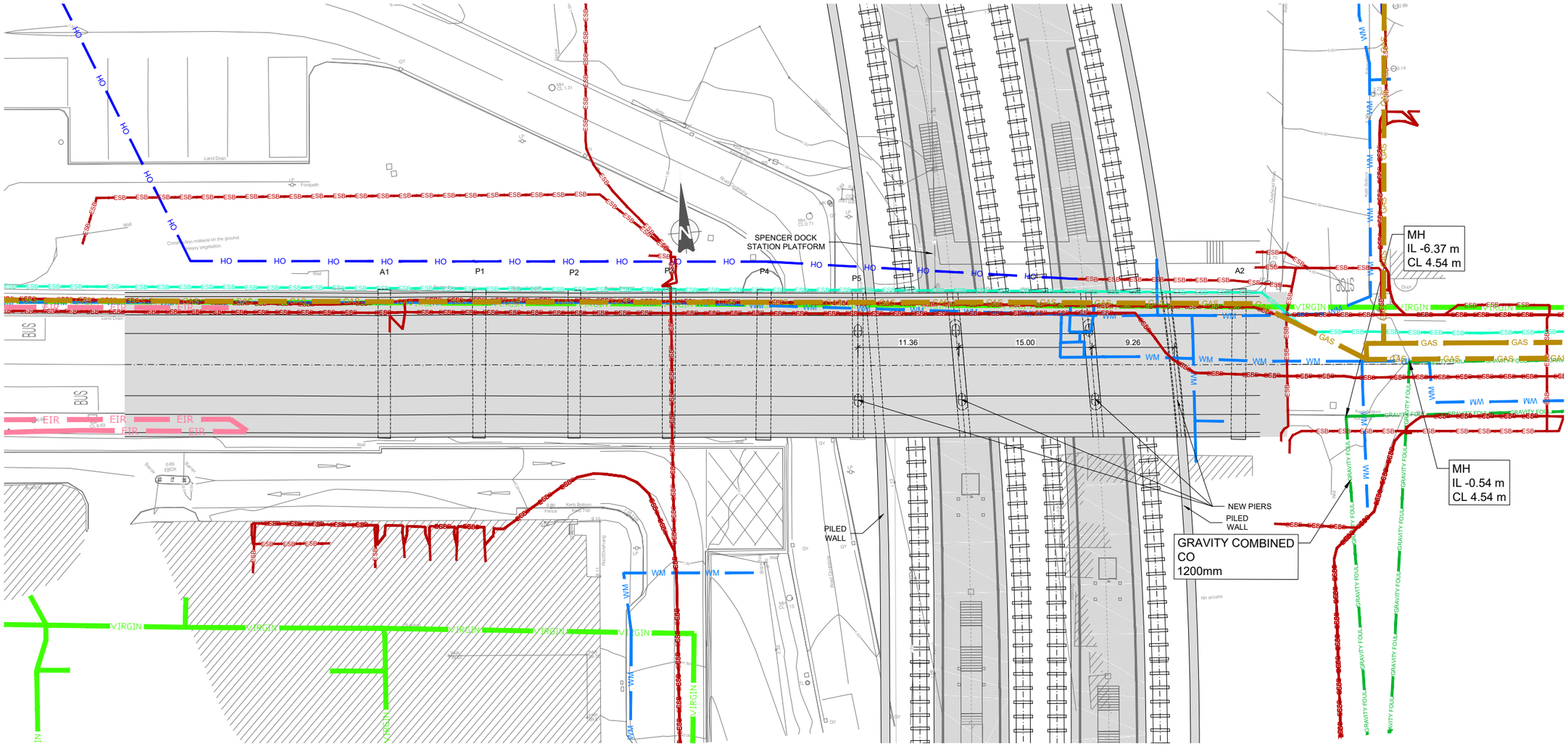
Project: DART+ West

Drawing Title
STRUCTURE DESIGN
SHERIFF STREET BRIDGE RECONSTRUCTION
PLAN, ELEVATION & SECTION DETAIL

Scale: 1:1000 @ A1 1:2000 @ A3
0 INDICATED

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	STR	SC01	DR	C	0002	D

Date:	Job No:	Status:	Rev:	
April 2022	P/101086	F1-Approved & accepted	V01	Sheet: 2 of 3



AFFECTED SERVICES, PLAN

SCALE 1:250

Legend for Utility Services Survey

Study Area Boundary	Gravity Combined
Railway Tracks	Syphon Foul
ESB - HV Overhead	Gas Network (70/40/19 bar)
ESB - MV Overhead	Gas Network (25 mbar)
ESB - LV Overhead	Gas Network (4 bar)
ESB - HV Underground	Virgin (NTL - UPC)
ESB - MV Underground	Vodafone
ESB - LV Underground	Vodafone Inactive
Eircom	EuNetwork
Water Main	Aurora
Storm Water	Existing ESB Substation
Gravity Foul	Mile Post

REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY
V01	April 2022	PLANNING ISSUE	EAC	ACJ	CCH

© Irish Rail (2020). This drawing is confidential and the copyright in it is owned by Irish Rail. This drawing must not be either loaned, copied or otherwise reproduced in whole or in part or used for any purpose without the prior permission of Irish Rail.
© Ordnance Survey Ireland and Government of Ireland. All O.S. data used for plans are printed under "Copyright Ordnance Survey Ireland" Survey No. **0039720** (OSI Aerial Data or OSI Lidar Data) & Survey No. **2020/OSi_NMA_180** (OSi Vector Data).
All elevations are in metres and relate to OSi Geoid Model (OSGM02) Malin Head as defined by existing Project Control.
All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght Coilege (TLLG).

Client: Tionscadal Éireann Project Ireland 2040 | NTA Údarás Náisiúnta Iompair National Transport Authority | Iarnród Éireann Irish Rail

Consultant: IDOM | CS | ROD Roughan & O'Donovan

Project: DART+ West

Drawing Title

STRUCTURE DESIGN
SHERIFF STREET BRIDGE RECONSTRUCTION
EXISTING UTILITIES DETAIL

Scale: 1:1000 @ A1 1:2000 @ A3
0 INDICATED

Drawing Number	Project	Originator	Discipline	Location	Type	Role	Number	Phase
	MAY	MDC	STR	SC01	DR	C	0002	D

Date:	Job No:	Status:	Rev:	Sheet: 3 of 3
April 2022	P/101086	F1-Approved & accepted	V01	