Q:\IE000373 - Dublin Port 3FM Project\8.0 Drawings\Drainage\DR\IE000373-RPS-00-XX-DR-Z-DR-K-0001 (Area K).dwg

NOTES

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WASTEWATER NOTES:

1. ALL PUBLIC WASTEWATER DRAINAGE TO BE IN ACCORDANCE WITH UISCE EIREANN STANDARDS, NAMELY IW-CDS-5030-03 & IW-CDS-5030-01 AND IW-TEC-800-01.
2. ALL PRIVATE WASTEWATER DRAINAGE TO BE IN ACCORDANCE WITH UISCE EIREANN STANDARDS AND BUILDING REGULATIONS PART H.
3. WASTEWATER PIPES TO BE CONSTRUCTED FROM MATERIAL CONFORMING WITH UISCE EIREANN IW-CDS-5030-03 SECTION 3.13 AND BUILDING REGULATIONS PART H SECTION 1.3.6.
4. STANDARD WASTEWATER MANHOLES TO BE IN ACCORDANCE WITH UISCE EIREANN STD-WW-10.
5. PRIVATE SIDE INSPECTION CHAMBERS TO BE AS PER UISCE EIREANN DETAIL STD-WW-13 AND AND BUILDING REGULATIONS PART H.
6. BACKDROP MANHOLES, WHERE REQUIRED, TO BE N ACCORDANCE WITH UISCE EIREANN STD-WW-12.
7. SERVICE CONNECTIONS TO BE IN ACCORDANCE WITH UISCE EIREANN STD-WW-03 AND STD-WW-04.
8. LEVELS AND GRADIENTS OF ALL DIVERSIONS ARE INDICATIVE ONLY AND TO BE CONFIRMED ONCE EXISTING LEVELS ARE KNOWN.
9. SEE CP1901-3FM-RPS-S45-04-DR-C-0440 FOR RELEVANT WASTEWATER NETWORK STANDARD DETAILS.

AREA K LEGEND

- EXISTING WASTEWATER NETWORK (DPC OWNED)
- EXISTING WASTEWATER NETWORK (UISCE EIREANN OWNED)
- EXISTING WASTEWATER NETWORK CRITICAL TO RINGSEND PS AND RINGSEND WWTP (UISCE EIREANN OWNED)
- EXISTING WASTEWATER PIPE TO BE DECOMMISSIONED
- PROPOSED DIVERTED UISCE EIREANN WASTEWATER PIPE
- PROPOSED WASTEWATER GRAVITY PIPE
- PROPOSED WASTEWATER MANHOLE/ACCESS CHAMBER
- PROPOSED WASTEWATER RISING MAIN FOR AREA N
- PROPOSED WASTEWATER RISING MAIN FOR AREA L
- RED LINE PLANNING BOUNDARY IN THIS APPLICATION
- EXTENT OF AREA K

LENGTH OF EXISTING RATHMINES & PEMBROKE SEWER TO BE MAINTAINED AND PROTECTED IN ACCORDANCE WITH UISCE EIREANN REQUIREMENTS

150mm Ø@1:60 WASTEWATER COLLECTION PIPE TYPICALLY

EXISTING 90mm Ø RISING MAINS SERVICING PROPOSED AREA N DEVELOPMENT TO BE DECOMMISSIONED AND REPLACED WITH NEW RISING MAIN DESIGNED FOR THE NEW PLOT ARRANGEMENT

PROPOSED 90mm Ø SDR17 PE100 RISING MAIN SERVICING PROPOSED AREA L DEVELOPMENT

100mm Ø CONNECTION TO EXISTING DPC 225mm Ø SEWER WITH AJ AT UPSTREAM END

CONNECTION TO MANHOLE ON EXISTING DPC 150mm Ø FOUL SEWER

PROPOSED 110mm Ø SDR17 PE100 RISING MAIN SERVICING PROPOSED AREA N DEVELOPMENT

PROPOSED 150mm Ø VENT PIPE FROM DISCHARGE MANHOLE AND VENT STACK IN ACCORDANCE WITH UISCE EIREANN WATER STD-WW-34

PROPOSED 1500mm Ø DISCHARGE/STANDOFF MANHOLE IN ACCORDANCE WITH UISCE EIREANN STD-WW-29 AND 150mm Ø FOUL PIPE DISCHARGING TO PROPOSED FOUL GRAVITY SEWER MANHOLE

150mm Ø @1:60 WASTEWATER COLLECTION PIPE TYPICALLY

CONNECTION TO MANHOLE ON EXISTING DPC 150mm Ø FOUL SEWER

EXISTING 225mm Ø UISCE EIREANN SEWER TO BE DIVERTED OUT OF AREA K AND LOCATED IN REALIGNED WHITEBANK ROAD AROUND AREA K PERIMETER

PROPOSED 225mm Ø DIVERSION OF UISCE EIREANN SEWER, WITH SEWER RELOCATED FROM DUBLIN PORT LANDS INTO REALIGNED WHITEBANK ROAD

EXISTING 225mm Ø PIPE TO BECOME A PRIVATE DPC ASSET UPON AGREEMENT WITH UISCE EIREANN

LENGTH OF EXISTING 2290mmØ TWIN SYPHONS FROM RINGSEND PS WITHIN SITE BOUNDARY TO BE MAINTAINED AND PROTECTED IN ACCORDANCE WITH UISCE EIREANN REQUIREMENTS. SYPHONS LOCATED IN AREA OF ACTIVE TRAVEL, WITH ASSOCIATED PEDESTRIAN / CYCLIST TYPE LOADINGS

LENGTH OF EXISTING 2290mmØ TWIN SYPHONS FROM RINGSEND PS AT CROSSING LOCATION OF REALIGNED WHITEBANK ROAD TO BE MAINTAINED AND PROTECTED IN ACCORDANCE WITH UISCE EIREANN REQUIREMENTS.

PROPOSED MANHOLE ON EXISTING 225mm Ø PIPE TO ALLOW FOR CONNECTION OF DIVERTED 225mm Ø UISCE EIREANN PIPE

LENGTH OF EXISTING 2290mmØ TWIN SYPHONS FROM RINGSEND PS WITHIN SITE BOUNDARY TO BE MAINTAINED AND PROTECTED IN ACCORDANCE WITH UISCE EIREANN REQUIREMENTS. SYPHONS LOCATED IN AREA OF ACTIVE TRAVEL, WITH ASSOCIATED PEDESTRIAN / CYCLIST TYPE LOADINGS

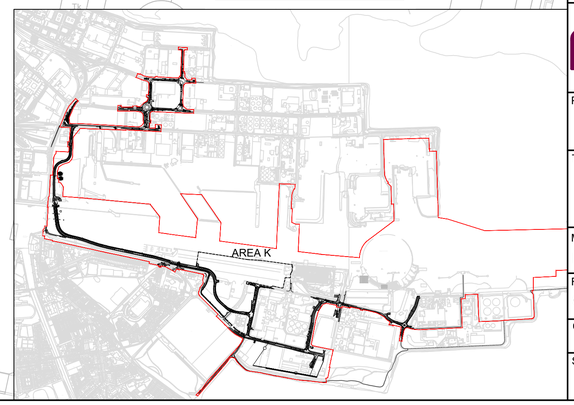
LENGTH OF EXISTING 2290mmØ TWIN SYPHONS FROM RINGSEND PS AT CROSSING LOCATION OF REALIGNED WHITEBANK ROAD JUNCTION TO BE MAINTAINED AND PROTECTED IN ACCORDANCE WITH UISCE EIREANN REQUIREMENTS. PROPOSED LEVEL OF ROAD AT RE-ALIGNED JUNCTION TO BE SIMILAREXISTING GROUND LEVELS. NOTE HEAVY VEHICLES CURRENTLY CROSS THE SYPHONS AT THIS LOCATION FOR ACCESS TO STORAGE YARD.

2290mmØ TWIN SYPHONS FROM MAIN LIFT PUMPING STATION

RATHMINES & PEMBROKE TRUNK SEWER

Area under construction

KEY PLAN AREA K



Rev	Date	Dm / Chk	Amendment / Issue	App
P04	19.06.24	DCH / GMcC	REVISED FOR UE SUBMISSION	DF
P03	27.06.24	DCH / GMcC	REISSUED FOR PLANNING	DF
P02	31.05.24	DCH / GMcC	REISSUED FOR PLANNING	DF
P01	18.10.23	GMcC / GMcC	ISSUE FOR PLANNING	DF

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Project: 3FM Project — Bringing Dublin Port To 2040

Title: RO-RO-TERMINAL (AREA K) PROPOSED WASTEWATER DRAINAGE LAYOUT

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