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N

EXISTING VEGETATION RETAINED WHEREVER FEASIBLE EITHER SIDE OF DRAINAGE DITCH

PROPOSED SUBSTATION WITH PALISADE FENCING

EXISTING SUBSTATION

LIMIT OF AP5 Cutline to Sheet 43

LIMIT OF AP4 Cutline to Sheet 44

Cutline

Cutline

HILTON HOTEL CAR PARK

PROPOSED FENCELINE TO TIE INTO NEW WALL

PROPOSED PALADIN FENCELINE WITH ACCESS GATES FOR LINK ACROSS PWAY, CONSULTATION REQUIRED TO DETERMINE FUTURE USE AND ACCESS REQUIREMENTS, PROPOSED FENCELINE OFFSET 1m FROM EXTENT OF EARTHWORKS

EXISTING CONCRETE FENCE WITH ANTI CLIMB TOP

RINGWAY ROAD WEST

TAC-R

ROAD RESTRAINT SYSTEM

MATURE TREE PLANTING ON EXISTING ROUNDABOUT TO BE RETAINED WHERE POSSIBLE

MARIE CURIE 'FIELD OF HOPE' TO BE PLANTED WITH NARCISSUS SPECIES

GOODMANS TO DEVELOP AND IMPLEMENT LANDSCAPE DESIGN

CAR PARK

PROPOSED MARKETING SUITE

POTENTIAL LOCATION FOR FUTURE SIGNAGE FOR BUSINESS PARK ENTRANCE (TO BE DONE BY OTHERS)

TIMBER POST AND RAIL FENCE ON LINK TO BUSINESS PARK

0 10 20 30 40 50 m

SCALE 1 : 500

GRASS SEEDED AREAS SEE LDP-450 SERIES FOR TYPE

STREET TREES IN PAVED AREAS

STREET TREES IN SOFT LANDSCAPED AREAS

INTERMITTENT TREE PLANTING

PROPOSED PLANTING

PROPOSED HEDGEROW

PROPOSED SERVICE STRIP

NOTES:

1. FOR HIGHWAYS CONSTRUCTION DETAILS SEE DRAWING SERIES HDP-520
2. FOR DETAILS OF TREE AND SHRUB PLANTING AND SEEDING TYPES SEE DRAWING SERIES LDP-450
3. FOR TREE PIT DETAILS SEE DRAWINGS MPT3A-EM0-00-LDG-705 & 706
4. FOR DETAILED SURFACINGS, FURNITURE AND FITTINGS FOR STOPS SEE LDP-400 SERIES
5. REFER TO DOCUMENT NO. MPT3A-AL0-00-ZSP-430 FOR THE LANDSCAPE SPECIFICATION

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION - RESIDUAL HAZARD ASSESSMENT

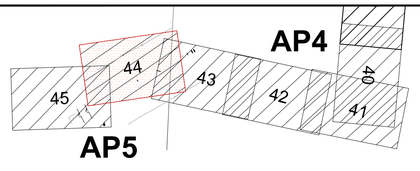
CONSTRUCTION LOCATION/HAZARD	EFFORTS TO ELIMINATE IN DESIGN	RESIDUAL HAZARD
1. Unknown statutory services.	1. As far as practicable proposed features - in design positioned to avoid known statutory services.	1. Possibility of presence of unknown statutory services.
2. Possibility of enhanced terrorism	2. As far as practicable landscape/urban realm design is a simple, straight forward design with no features deemed to be controversial.	2. Possibility of enhanced terrorism
3. Live highway/busy roads.	3. As far as practicable as much of existing landscape and urban realm context within route extents to be retained which will eliminate as much as possible need for new landscape/urban realm elements to be constructed in proximity to live highways/roads.	3. Live highway/busy roads.
4. Live tram tracks/moving trams.	4. As far as practicable as much of existing landscape and urban realm context within route extents to be retained which will eliminate as much as possible need for new landscape/urban realm elements to be constructed in proximity to live tram tracks/moving trams	4. Live tram tracks/moving trams.
5. Live rail tracks/moving trains.	5. Majority of proposed landscape/urban realm areas are away from trackside of live operational rail corridor.	5. Live rail tracks/moving trains.
MAINTENANCE / CLEANING / OPERATION - As above.		
DECOMMISSIONING / DEMOLITION - As above.		
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT		

KEY:

- LOD (Limit Of Deviation)
- EMBEDDED RAIL - EXPOSED AGGREGATE CONCRETE FINISH TO TRACK BED
- ALTERNATIVE RAIL - EXPOSED AGGREGATE CONCRETE FINISH AND RAISED RAIL
- BALLAST
- MAINTENANCE WALKWAY
- DUCT COVER
- RRHIW RED LINE PLANNING BOUNDARY
- OVERRUN PROTECTION
- ASPHALT HIGHWAY - REFER TO HIGHWAYS/TRACKFORM DRAWINGS FOR DETAILS
- FLEXIBLE MACADAM FOOTWAY OR SHARED FOOTWAY/CYCLEWAY - REFER TO HIGHWAYS DRAWINGS FOR DETAILS
- RED SURFACED CONTROLLED CROSSING - REFER TO HIGHWAYS DRAWINGS FOR DETAILS
- GREEN SURFACED CYCLEWAY ADVANCE STOP LINE - REFER TO HIGHWAYS DRAWINGS FOR DETAILS
- STRAIL CROSSING
- PEDESTRIAN GUARD RAIL TYPE 4 REFER TO DRAWING EM0-00-HDD-670 FOR DETAILS
- EXISTING FENCE
- ACOUSTIC BARRIER - SEE DRAWING MPT3A-AL0-00-LDD-453 FOR DETAILS
- NEW FENCE OR RAILING - SEE NOTES ON DRAWING FOR TYPE AND REFERENCE
- OLE POLE
- ELECTRICAL CABINET/ POINTS HEATING CABINET
- BUS — NEW BUS STOP
- TAC-B — PCC TACTILE FLAGS TO UNCONTROLLED CROSSING SIZE: 450x450mm; COLOUR: BUFF; PATTERN: BLISTER
- TAC-R — PCC TACTILE FLAGS TO CONTROLLED CROSSING SIZE: 450x450mm; COLOUR: RED; PATTERN: BLISTER
- TAC-H — PCC TACTILE FLAGS TO RAMPS AND STEPS SIZE: 400x400mm; COLOUR: CHARCOAL; PATTERN: CORDUROY
- TAC-C — PCC TACTILE FLAGS TO CYCLEWAY SIZE: 400x400mm; COLOUR: BUFF; PATTERN: RIBBED (CYCLEWAY)

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Location Plan



Note:
1. DO NOT SCALE FROM THIS DRAWING.
2. IF THIS DRAWING HAS BEEN RECEIVED ELECTRONICALLY IT IS THE RECIPIENTS RESPONSIBILITY TO PRINT THE DOCUMENT TO THE CORRECT SCALE.
3. ANY ERRORS OR OMISSIONS ARE TO BE BROUGHT TO THE ATTENTION OF MPT.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
5. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, DRAINAGE, LIGHTING AND SPECIALIST DRAWINGS.

Rev.	Date	Detail	Made	Chk'd	App'd
D04	22/12/11	FOR DD IDC	NF	HJ	
D03	30/11/11	ISSUE FOR DD IDR2			
D02	17/11/11	Updated for planning - Marketing Suite orientation amended	NF	HJ	SH
D01	25/10/11	FOR IDR1 - WORK IN PROGRESS	NF	HJ	
P03	17/10/11	For Planning	NF	HJ	SH
P02	01/09/11	Updated in line with TfGM comments	HJ	SH	SW
P01	15/08/11	Preliminary Design	NF	HJ	SW

Client: GMPTE

MPT Laing O'Rourke VolkerRail Thales

Design: HJ
CAD: NF
Chk'd: HJ
App'd: SW
Scale: 1/500 @ A1
Date: 22 DEC 2011

MANCHESTER METROLINK PHASE 3B
RINGWAY ROAD HIGHWAY IMPROVEMENT WORKS

Title: URBAN REALM AND LANDSCAPE GA SHEET 44

Drg No' MPT3B-AP4-44-LDP-460

Rev: D04

cm A1

DRG Path: C:\Documents and Settings\johnsoh\Desktop\RRHIWDrawings\IDC\MPT3B-AP4-44-LDP-460.dwg User: johnsoh Plot time: 22-12-11 @ 11:01am