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TRILOGY

Great Northern Warehouse



Leisure Box Draft Car Parking Continuation

Internal Review / Issue Process			File details	
Stage	Initials	Date		
Originator	GR	03 Aug 22	Status	For Planning
Review	-	-	Revision	2
-	-	-		
-	-	-		

Distribution - to be further distributed	Distribution
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rpm file	--
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Description

Contents

Phasing drawings 1-3

Phase 1 :
Flatten central area,
Relocate 100 spaces into warehouse.
Erect crash deck,
Realign access road,
Construct temporary ramp L00 to BMT
Open car park entrance and exit to close to final layout

Phase 2 :

Open CIRCA 100 spaces in existing basement freeing up all of the interventions to Buildings A and C
Construct the individual pile caps and columns BMT to L00 and infill slabs around columns at L00 to all areas BETWEEN the areas required to reconstruct Cores A & C

Phase 3 :

Reconfigure CIRCA 100 spaces to areas in the centre of the car park @ BMT level to also free up all of Building C core AND the new column interventions.
Eastern bays to be confirmed by Main Contractor - close vicinity to work faces.

Phase 4:

Relocate to L01 later to complete any residual works in BMT

Key Assumptions

Assumptions as shown on phasing plans
Fire escapes/routes etc. can be managed / created as temporary through slabs to comply with all regs. TBC
Transport consultant to comment / AIP for future development
Some short closures may be needed for transformations between the key phases. TBC on further detailed development

100 SPACES BEING USED IN GNW

CAR PARK CLOSED FULL VP

FORM CRASHDECK UNDER EARLY CAR PARK CLOSURE

BREAK OUT L00 SLAB AND BUILD TEMP CAR PARK RAMP L00 TO BMT

to B1

from B1

RECONFIGURE ENTRANCES TO OPERATE AS PINK ARROWS

PETER STREET

Marron Pl

JERUSALEM PL

BOOTLE STREET

WATSON STREET

DEANSGATE

GREAT BRIDGEWATER STREET

BEETHAM TOWER

LITTLE QUAY STREET

QUAY STREET

LONGWORTH STREET

Campfield Avenue [Arcade]

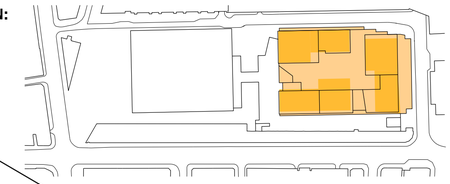
UTHERN STREET

R.P.M.	Project: GNW	Title: CAR PARKING PHASE 1 : L00	* ALL reversing will be carried out supervised by qualified banksmen	GNW/CP/001

LEGEND

1	Count	ONE WAY ACCESS
1	Count	TOWER CRANE ENCLOSURE
15	Count	BUILDING B COLINTERVENTIONS U/S L00 SLAB
43	Count	BUILDINGS A&C COLINTERVENTIONS U/S L00 SLAB
209.9	m	SOLID HOARDING

KEY PLAN:



FORM FINAL LAYOUT UNDER TM TO CREATE OFFLOAD SPACE

WATSON STREET

Breakdown of Car Parking Spaces

B1: 227 spaces
00: 148 spaces
01: 238 spaces
02: 162 spaces
03: 170 spaces
Total: 945 spaces

ACCESS FROM ABOVE

ACCESS FROM ABOVE

ACCESS FROM ABOVE

ACCESS FROM ABOVE

ROW 5

ROW 4

ROW 3

ROW 2

ROW 1

FUTURE CAR PARK EGRESS

GREAT BRIDGEWATER STREET

87.1 m FROM B1

FROM 01

WC

COND

LEER

Room

TRANSFORMER

SWITCH ROOM

TA - SUB 16.0 Sq. m

TA - SWITCH 29.5 Sq. m

TA - SUB 16.0 Sq. m

TA - COMMS 10.8 Sq. m

3 MVA SUBSTATION

OFFICE HANGING AND SHOWER FE SAFETY ITCH ROOM 40.2 Sq. m

GENERATOR 44.0 Sq. m

3 MVA SUBSTATION

1 MVA SUBSTATION

FX 3 UNIT Switch Room

RETAIL 2 Sq. m

Plant 2 Sq. m

REFUSE m2

TC - SUB 16.0 Sq. m

TC - COMMS 10.8 Sq. m

TC - SWITCH 29.5 Sq. m

LS - Generator 37.0 Sq. m

LS - SWITCH 18.7 Sq. m

CPR - SWITCH 29.5 Sq. m

CARPARK-SUB 16.0 Sq. m

RETAIL-SUB 16.0 Sq. m

TOWER B - REFUSE HOLDING AREA 173.5 Sq. m

COMMERCIAL SERVICING

SERVICE BAY

TB - COMMS 10.8 Sq. m

TB - SUB 16.0 Sq. m

TB - SWITCH 28.3 Sq. m

POST & DELIVERIES 118.1 Sq. m

MAIN ENTRANCE

REFUSE HOLDING AREA 204

CYCLE HUB 263.7 Sq. m (278 Spaces)

FIRE RATED SHAFT 19.3 Sq. m

5.3 m

172.8 m

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ACCESS THROUGH CASTELLATION OPENINGS FROM PIT LANE

PHASE 2

1	Count	FUTURE TC ENCLOSUE LATER PHASE
1	Count	ONE WAY ACCESS
1	Count	SOLID HOARDING
1	Count	STRUCTURE CUT BACK FOR CORE CONSTRUCT
43	Count	BLD A&C PILE CAP & COL BELOW L00 ONGOING
97	Count	PARKING SPACES

ACCESS FROM ABOVE

ACCESS FROM ABOVE

DMENSION OF PILE CAP AND WORKING AREA
TBC SHEET PILES?
3M PILE CAP SHOWN

TEMP RAMP FROM L00

RAMP TO L00

BASED ON EXISTING LAYOUT OF SPACES

!!!

R.P.M.	Project: GNW	Title: CAR PARKING PHASE 2 : BMT	* ALL reversing will be carried out supervised by qualified banksmen	GNW/CP/003	

PHASE 3

1	Count	ONE WAY ACCESS
1	Count	SOLID HOARDING
1	Count	STRUCTURE CUT BACK FOR CORE CONSTRUCT
1	Count	TOWER CRANE ENCLOSURE
15	Count	Count Measurement
43	Count	BLD A&C PILE CAP & COL BELOW L00 FINISHED
100	Count	PARKING SPACES

ACCESS THROUGH CASTELLATION OPENINGS FROM PIT LANE

TBC - THESE MAY BE TOO CLOSE TO CONSTRUCTION - CONTRACTOR TO CONFIRM

ESCAPE STAIR REQUIREMENT

ACCESS FROM ABOVE

ACCESS FROM ABOVE

ACCESS FROM ABOVE

TEMP RAMP FROM L00

RAMP TO L00

CWB T-A 7 Sq. m

SWT COM 64,2 Sq. m

WRB - A01 WRB - A02 8,8 Sq. m

WRT TC 36,0 Sq. m

WRB - C01 WRB - C02 8,8 Sq. m

WRT TB 37,2 Sq. m

ACCESS ACCROSS BMT SLAB FOR MINI PILING & PILE CAPS

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