



B3 FOUNDATION PLAN
1:250

VIBRATION TRIGGER LIMITS	
COLOUR	VIBRATION MONITORING POINT RESULTANT PEAK PARTICLE VELOCITY (mm/s)
GREEN	3
AMBER	5
RED	7

CONTIGUOUS PILED WALLS TRIGGER LEVELS	
COLOUR	INCLINOMETERS IN PILED WALL (mm)
GREEN	0 to 27
AMBER	27 to 40
RED	>40

TRIGGER LEVELS TO ADJOINING BUILDINGS (3D EDM TARGETS LOCATIONS)		
COLOUR	MOVEMENT	ACTION
GREEN	0mm - 5mm	- No action required
AMBER	5mm - 12mm	- Crack Monitoring. - Carry out a local structural review. - Frequency of the surveying shall increase - Preparation for the implementation of remedial measures should be required. - Implement any additional propping or change in methodology as required
RED	>12mm	- All works are to stop immediately - Crack Monitoring. - Implement structural support as required. - Cease works with the exception of necessary works for the safety and stability of the structure and personnel. - Review monitoring data and implement revised method of works.

GRANARY STREET & St. PANCRAS WAY HIGHWAY & PAVEMENTS	
COLOUR	PROPOSED TRIGGER LIMITS (mm)
GREEN	<15
AMBER	15 to 20
RED	>20

DEMOLITION TRIGGER LIMITS		
COLOUR	VIBRATION MONITORING POINT RESULTANT PEAK PARTICLE VELOCITY (mm/s)	PRECISE LEVEL MOVEMENTS (mm)
GREEN	<5	<5
AMBER	5 to 6	5 to 8
RED	>7.5	>8

NOTES

- DO NOT SCALE THIS DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS, AND SERVICES ENGINEERS DRAWINGS & SPECIFICATIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES (mm).
- WORK TO FIGURED DIMENSIONS ONLY. ANY DISCREPANCIES TO BE REPORTED TO GD PARTNERSHIP FOR CLARIFICATION. IF IN DOUBT ASK.
- ALL WORK TO COMPLY WITH THE RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND THE BUILDING REGULATIONS.
- RELEVANT CONCRETE DESIGN MIX:
 - FOUNDATIONS, PILE CAPS, CAPPING BEAMS, GROUND BEAMS, SLABS, BEAMS, AND WALLS INCLUDING RETAINING WALLS: C32/40
 - COLUMNS: C40/50
- THE CONTRACTOR SHALL ENSURE TEMPORARY LOADS ONTO THE NEW STRUCTURE SHALL BE LESS THAN THOSE WHICH IT HAS BEEN DESIGNED FOR.
- GD PARTNERSHIP'S ROLE ON THIS PROJECT IS THAT OF A DESIGNER AS DEFINED BY THE CONSTRUCTION AND MANAGEMENT REQUIREMENTS.

KEY

- VIBRATION MONITORING (VIBRATION MONITORS TO BE MOVED ALONG WALL AS CONTIGUOUS WALL CONSTRUCTION PROGRESSES)
- 3D EDM TARGETS ON FACE OF RC CAPPING BEAMS
- 3D EDM TARGETS ON FACE OF RC CAPPING BEAMS & INCLINOMETER IN PILES TO TOE
- CARRY OUT CONDITION SURVEYS TO ADJACENT BUILDINGS PRIOR TO ANY WORKS COMMENCING
- PAVEMENT PRECISE STUDS @ APPROXIMATELY 10m c/c. (AVOID SITE ENTRANCE)

ALL TRIGGER LIMITS SHOWN ARE "IN PRINCIPLE" SUBJECT TO FINAL DESIGN

Rev	Date	By / Chk'd	Revision Notes
P06	30.10.23	MM / PP	TRIGGER LEVELS TO GRANARY STREET & St. PANCRAS WAY HIGHWAY & PAVEMENTS REVISED TO SUIT THAMES WATER COMMENTS
P05	02.10.23	MM / PP, RD	NOTE FOR TRIGGER LIMITS ADDED
P04	17.05.23	MM / PP, RD	DEMOLITION TRIGGER LIMITS TABLE REVISED, MONITORING POINTS UPDATED TO SUIT EARTH'S DRAWING
P03	15.05.23	RJW / RD	TRIGGER LIMITS TO THAMES WATER ASSETS ADDED.



Client:

Tribeca - Plot C

MONITORING STRATEGY

Scale: As indicated	at A1	GDP Ref: 21-131
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