

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

CONTIGUOUS PILE TRIGGER LEV	
COLOUR	INCLINOMETERS IN
GREEN	0 to
AMBER	21 to
RED	>2

TRIGGER LEVELS TO A (3D EDM TARGE		
COLOUR	MOVEMENT	ļ
GREEN	0mm - 5mm	- No
AMBER	5mm - 12mm	- Cra - Cal - Fre - Pre me - Imp me
RED	>12mm	- All - Cra - Imp - Cea wor and

ED WALLS /ELS

N PILED WALL (mm)

20

25

ADJOINING BUILDINGS ETS LOCATIONS)

ACTION

action required

rack Monitoring.

arry out a local structural review. equency of the surveying shall increase

eparation for the implementation of remedial asures should be required. plement any additional propping or change in ethodology as required

works are to stop immediately

rack Monitoring.

plement structural support as required. ase works with the exception of necessary orks for the safety and stability of the structure nd personnel. - Review monitoring data and implement revised

method of works.

NOTES

- . DO NOT SCALE THIS DRAWING. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS, AND SERVICE'S ENGINEERS DRAWINGS & SPECIFICATIONS.
- 3. ALL DIMENSIONS ARE IN MILLIMETRES (mm). 4. WORK TO FIGURED DIMENSIONS ONLY. ANY DISCREPANCIES TO BE 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. 6. CONCRETE GRADE FOR BEAMS, SLABS, WALLS AND RC RETAINING WALLS TO BE C32/40. CONCRETE GRADE FOR COLUMNS TO BE C40/50.
- THE CONTRACTOR SHALL ENSURE TEMPORARY LOADS ONTO THE NEW STRUCTURE SHALL BE LESS THAN THOSE WHICH IT HAS BEEN DESIGNED FOR.
- 8. 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

CARRY OUT CONDITION SURVEYS TO ADJACENT BUILDINGS PRIOR TO ANY WORKS COMMENCING

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Revision Notes

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Project:

Tribeca - Plot C

Drawing

MONITORING STRATEGY



Autodesk Docs://TRIBECA/TRI-GDP-PC-ZZ-M3-S-0001.rvt