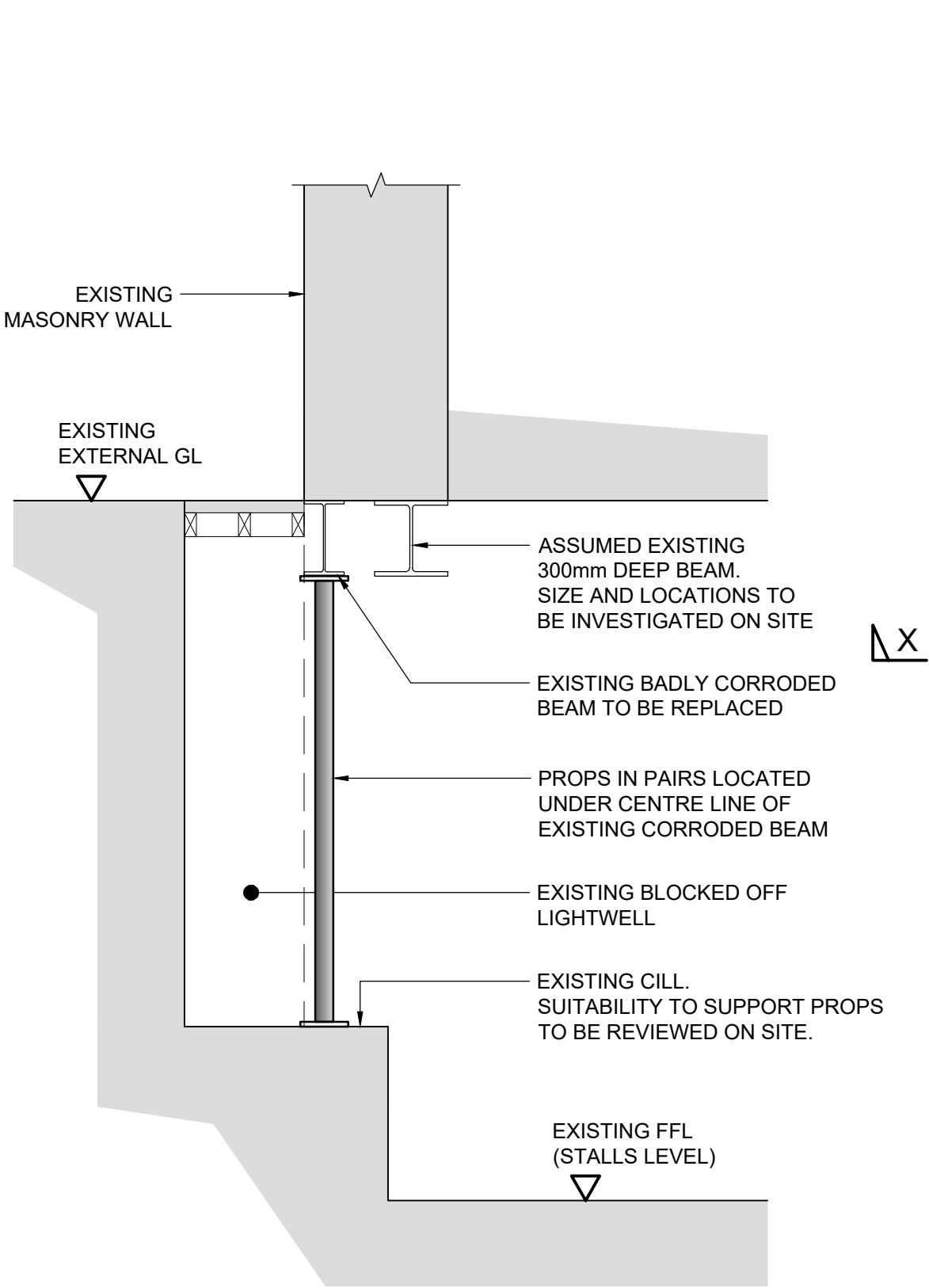


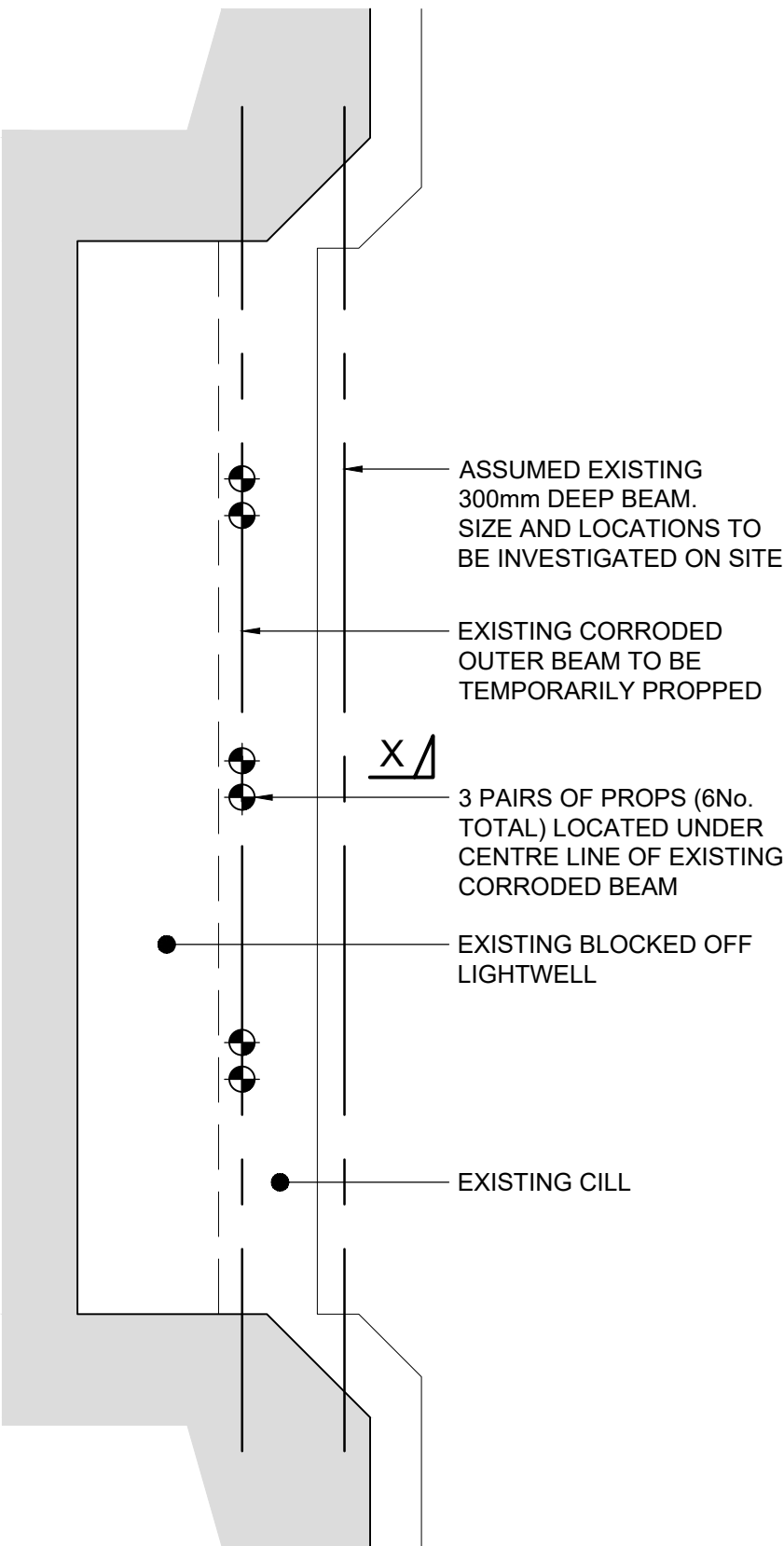
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER HBL DRAWINGS ISSUED FOR THIS PROJECT

- GENERAL NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
  2. ALL LEVELS ARE IN METRES.
  3. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY.
  4. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS' ENGINEERS' AND SPECIALISTS' DRAWINGS TOGETHER WITH THEIR SPECIFICATIONS.

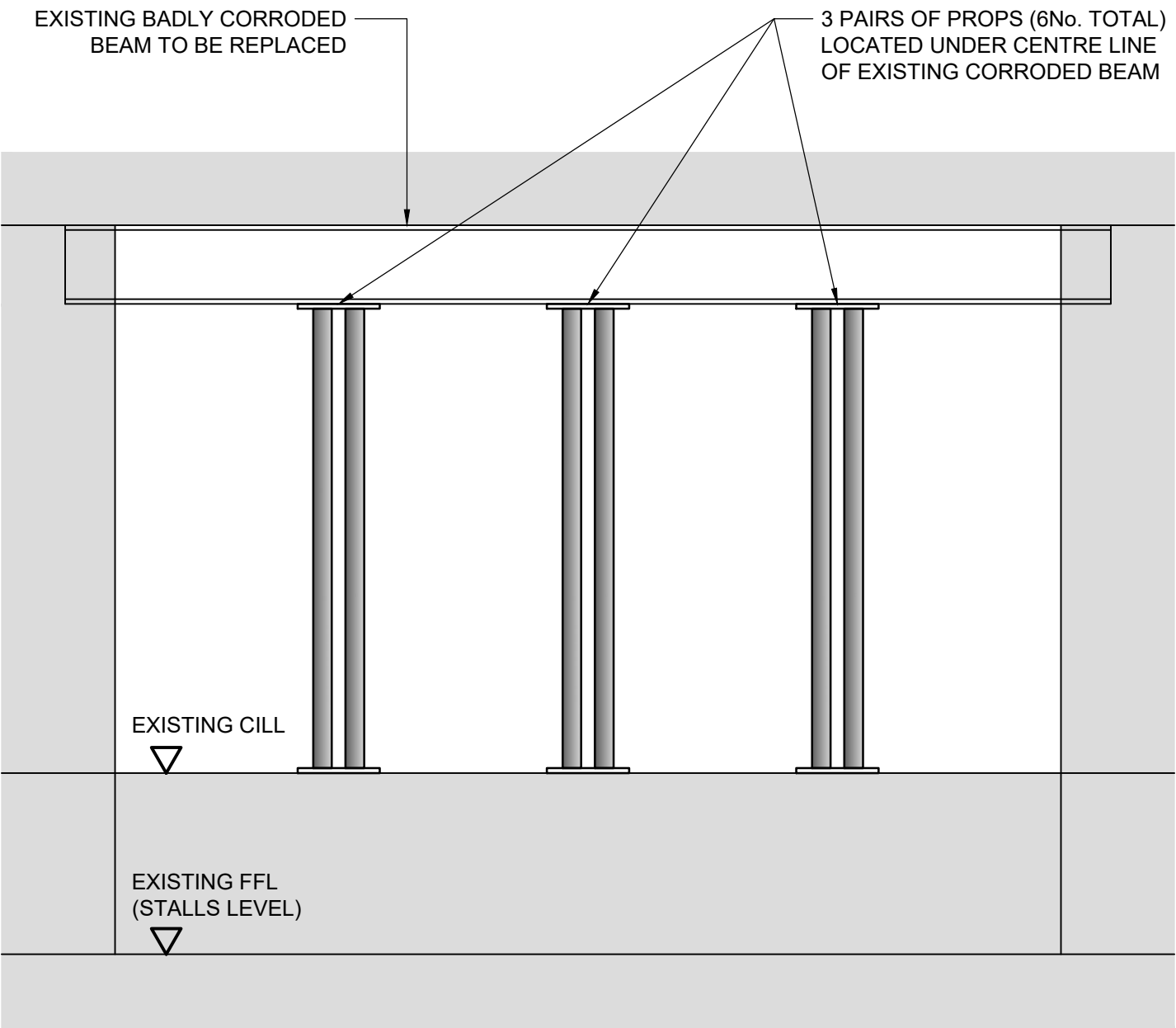
PROPPING NOTES  
PROPPING SOLUTION SHOWN INDICATIVELY.  
SCHEDULE TO BE DESIGNED BY SPECIALIST TEMPORARY WORKS CONTRACTOR.  
PROPOS TO BE DESIGNED FOR A LOAD ON THE BEAM OF 20kN/m.  
PROPS TO BE INSPECTED AND CHECKED ON A DAILY BASIS.



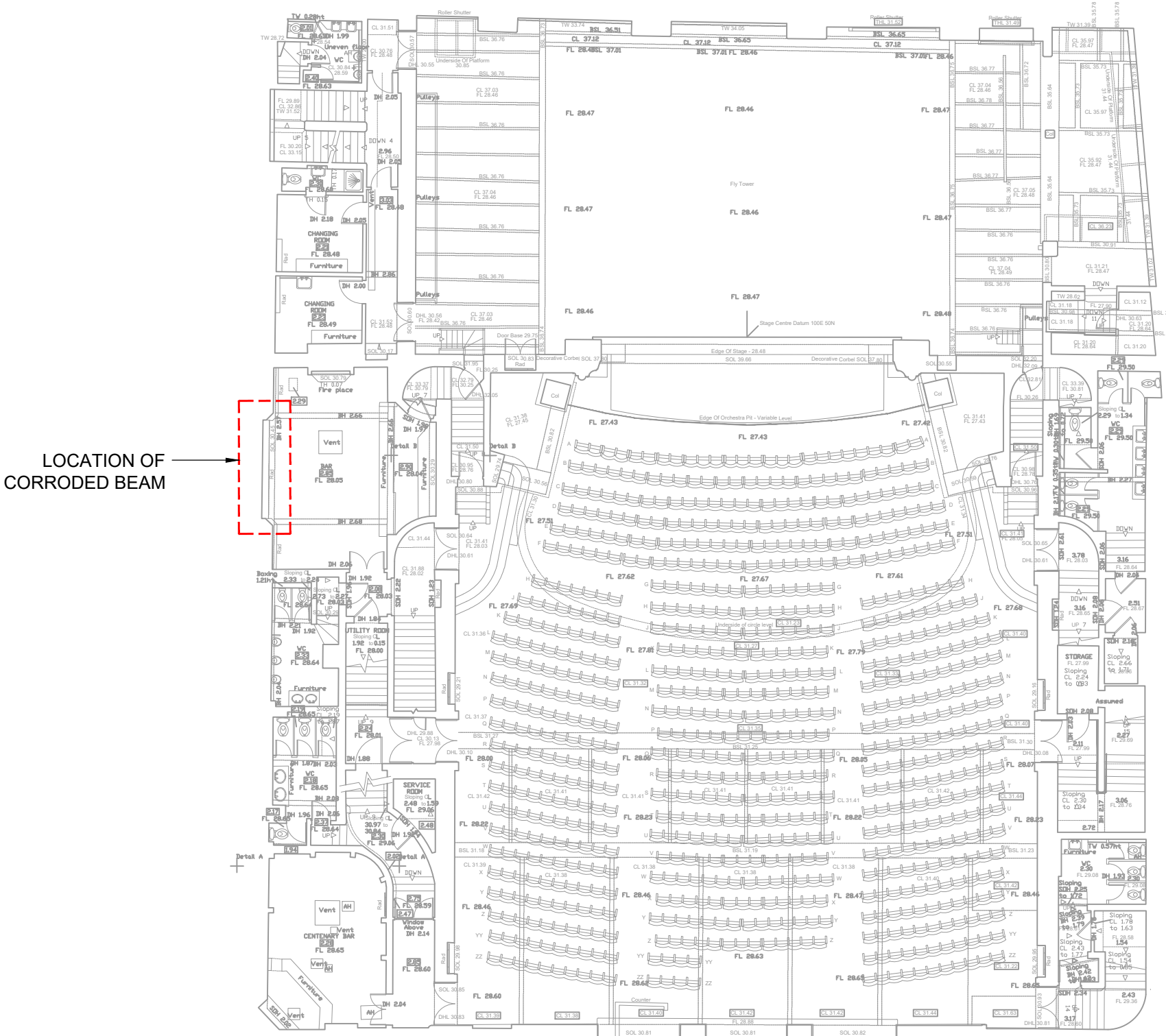
SECTION X - X  
(PROPPING)  
SCALE 1:25



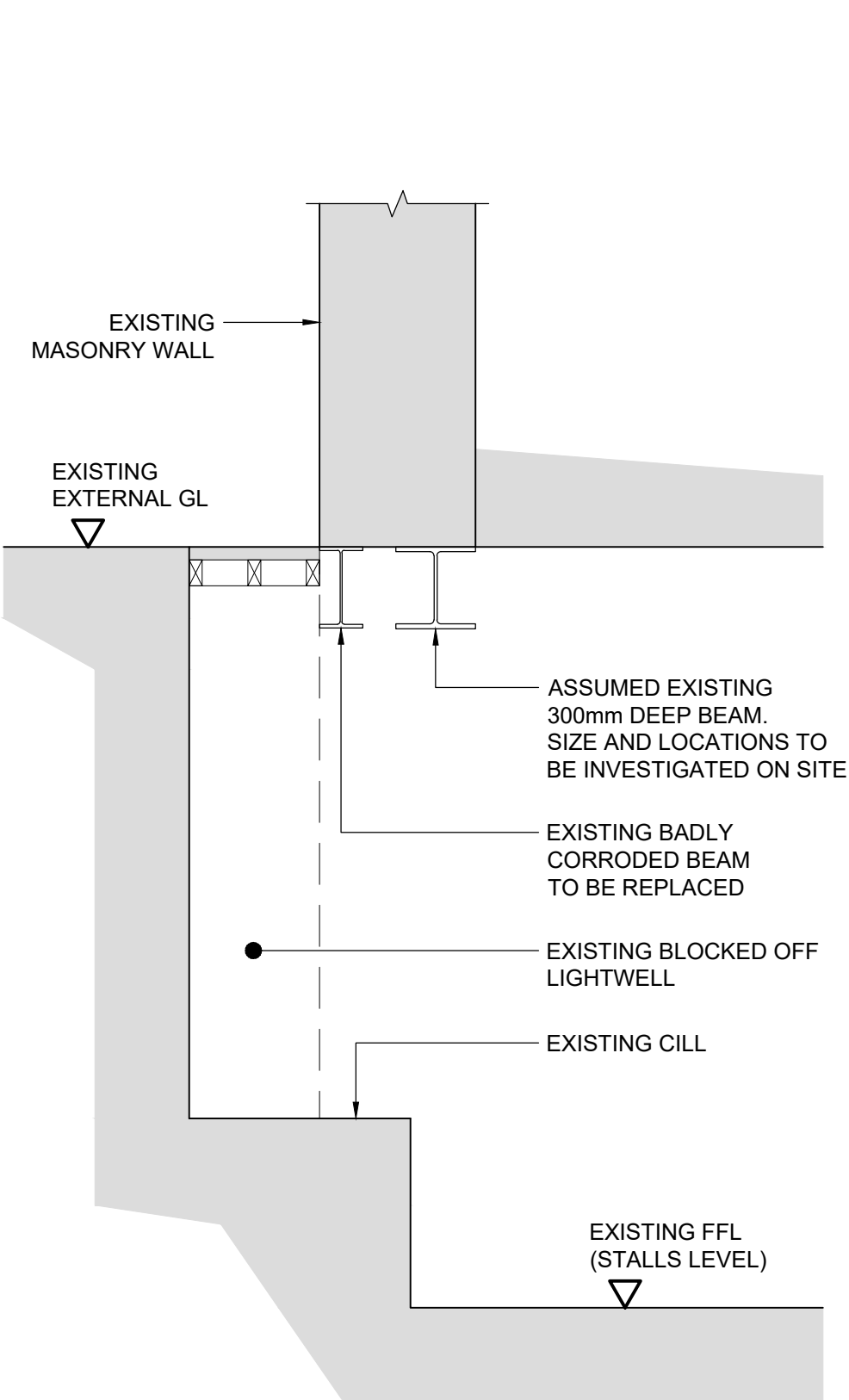
PLAN  
(PROPPING)  
SCALE 1:25



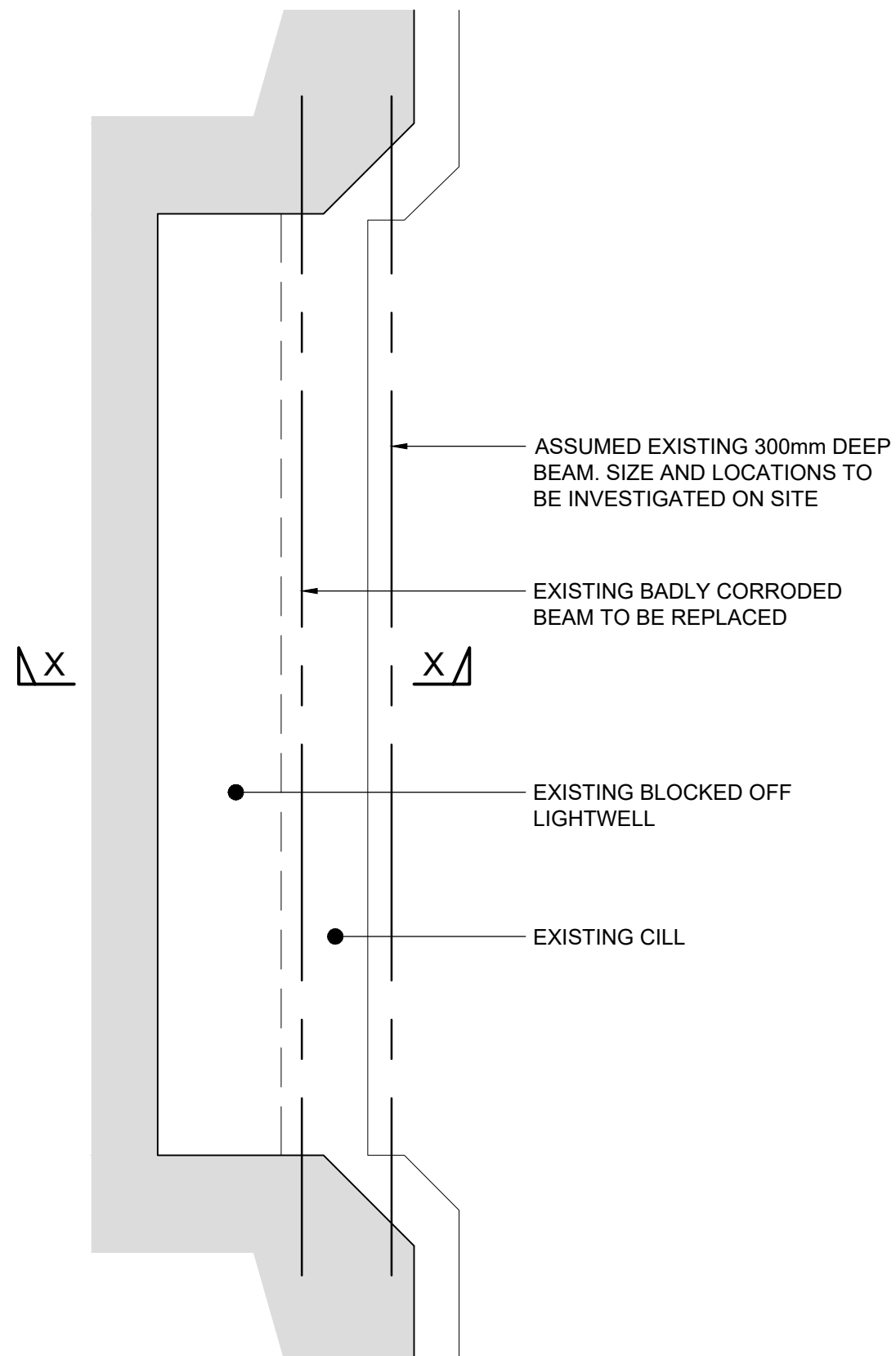
ELEVATION  
(PROPPING)  
SCALE 1:25



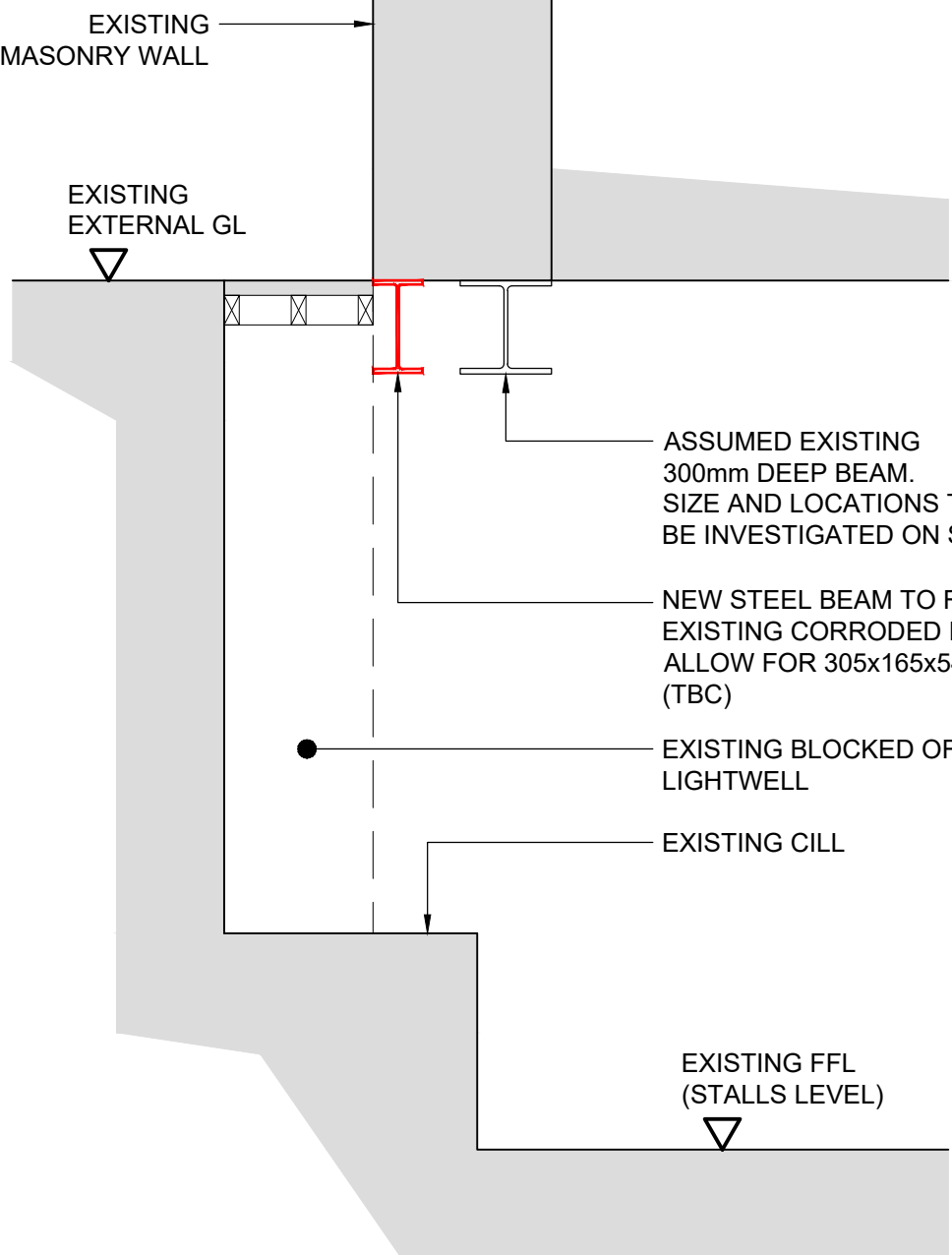
KEY PLAN  
SCALE 1:200



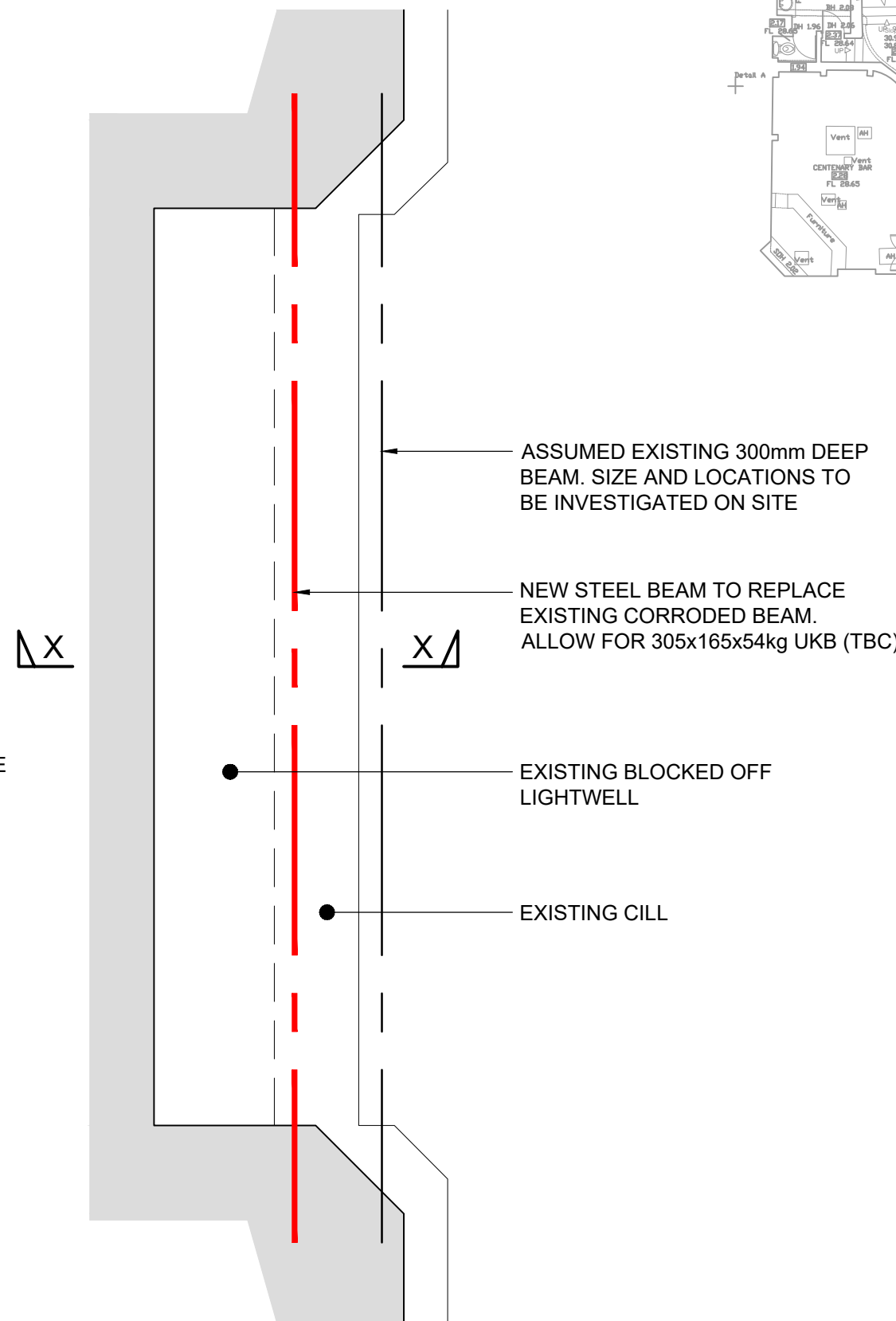
SECTION X - X  
(EXISTING)  
SCALE 1:25



PLAN  
(EXISTING)  
SCALE 1:25



SECTION X - X  
(PROPOSED)  
SCALE 1:25



PLAN  
(PROPOSED)  
SCALE 1:25

NOTE:  
SIZE OF REPLACEMENT BEAM TBC ONCE FURTHER INVESTIGATIONS HAVE TAKEN PLACE.  
ALLOW FOR 305x165x54kg UKB WITH 3No. SPLICE CONNECTIONS.  
CONTRACTOR TO ALLOW FOR DEVELOPMENT OF PROPPING SOLUTION TO INSTALL BEAM.

|                                                                                                                                                                                 |        |                    |                        |                      |  |    |                                                                                       |       |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------|------------------------|----------------------|--|----|---------------------------------------------------------------------------------------|-------|--|
|                                                                                                                                                                                 |        |                    |                        |                      |  |    |                                                                                       |       |  |
|                                                                                                                                                                                 |        |                    |                        |                      |  |    |                                                                                       |       |  |
|                                                                                                                                                                                 |        |                    |                        |                      |  |    |                                                                                       |       |  |
|                                                                                                                                                                                 |        |                    |                        |                      |  |    |                                                                                       |       |  |
|                                                                                                                                                                                 |        |                    |                        |                      |  |    |                                                                                       |       |  |
| P01                                                                                                                                                                             | JUL'20 | HM                 | ISSUED FOR INFORMATION |                      |  |    | ALS                                                                                   | ALS   |  |
| REV.                                                                                                                                                                            | DATE   | DRAWN              | DESCRIPTION            |                      |  |    | CHKD                                                                                  | APPRO |  |
| STATUS DESCRIPTION                                                                                                                                                              |        |                    |                        |                      |  |    | STATUS                                                                                |       |  |
| FOR INFORMATION                                                                                                                                                                 |        |                    |                        |                      |  |    | S2                                                                                    |       |  |
| <div><div>HBL</div><div>Brook House<br/>Weybrook Road,<br/>Manchester M19 2QD<br/>+44 (0)161 432 9977   www.hbl.ltd<br/>Consulting Civil &amp; Structural Engineers</div></div> |        |                    |                        |                      |  |    |  |       |  |
|                                                                                                                                                                                 |        |                    |                        |                      |  |    |                                                                                       |       |  |
| PROJECT                                                                                                                                                                         |        |                    |                        |                      |  |    |                                                                                       |       |  |
| MANCHESTER OPERA HOUSE                                                                                                                                                          |        |                    |                        |                      |  |    |                                                                                       |       |  |
| DRAWING TITLE                                                                                                                                                                   |        |                    |                        |                      |  |    |                                                                                       |       |  |
| EXISTING LIGHTWELL<br>CORRODED BEAM REPLACEMENT DETAILS                                                                                                                         |        |                    |                        |                      |  |    |                                                                                       |       |  |
| CLIENT                                                                                                                                                                          |        |                    |                        |                      |  |    |                                                                                       |       |  |
| AMBASSADOR THEATRE GROUP                                                                                                                                                        |        |                    |                        |                      |  |    |                                                                                       |       |  |
| HBL REF.<br>8283                                                                                                                                                                |        | DATE<br>JULY 2020  |                        | SCALE(S)<br>AS SHOWN |  | A1 |                                                                                       |       |  |
| DRAWN<br>H.MAMAGANI                                                                                                                                                             |        | CHECKED<br>A.SMITH |                        | APPROVED<br>A.SMITH  |  |    |                                                                                       |       |  |
| DRAWING No.                                                                                                                                                                     |        |                    |                        |                      |  |    | REV.                                                                                  |       |  |
| 8283-HBL-XX-XX-DR-S-0001                                                                                                                                                        |        |                    |                        |                      |  |    | P01                                                                                   |       |  |