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CIR Response

CIR #18

To:

TALCO BUILDING INNOVATIONS LTD.
4728 Bank Street, Suite A
Ottawa, Ontario

Project:

Carleton Place Arena
Renovation and Addition

Date:

October 07, 2020

CIR Responses are issued only for the purpose of recording any clarification or interpretation of the contract documents or giving direction on problems resulting from field conditions. These instructions are subject to the provisions of the contract documents and unless stated herein and specifically co-authorized by the Client, will not affect the contract

REFERENCES:

CIR #18 submitted October 05, 2020

PER:

Larry Gaines

Architect



**CARLETON PLACE ARENA
ADDITION AND RENOVATIONS
75 Neelin Street Carleton Place, Ontario**

TAL-CO Building Innovations Limited
4728 Bank Street, Suite A
Gloucester, Ontario K1T 3W7
Tel: 613-821-3959
Fax: 613-821-2938

Issue date: Oct 1-2020
Revision date:
Revision #:

CIR # 18 Detailed Summary

Questions:

- 1. Drawings does not provide a specific detail showing a connection of CMU walls at GL 1&10 to existing wall.
Please provide how it will be connected?**
- 2. S4, provide dimension from second floor top of slab to bottom of truss at the lowest location.**
- 3. S6, Sections @ Grid line 1 and 4 fails to provide the slop required on the roof trusses, please view details below and please correct as necessary providing dimensions.**
- 4. S3, Wall Types 1 -5, are these corresponding to grid line walls? If so, is Wall Type 1 assumable to be for grid line 5 and Wall Type 5 to be grid line 1?**
- 5. S3/S4, assume that Wall Type 5 pertains to GL 1, this wall has a measurement of 25'10" top of wall and at Section @ Grid Line A & B detail shows to have same dimension but seems to be top of truss.**
- 6. Comparing as labeled, Wall Type 5 for grid line 1 with measurement of 25'10" and 4/A6 with elevations provided top of wall, calculations add up to 25'. What is accurate dimension/elevation of top of wall.?**
- 7. S4/Section 10, What is the dimension from top of slab to top of steel?**
- 8. Please confirm elevation for top of parapet on 4-A6 of the addition and if is the same as existing parapet height.**

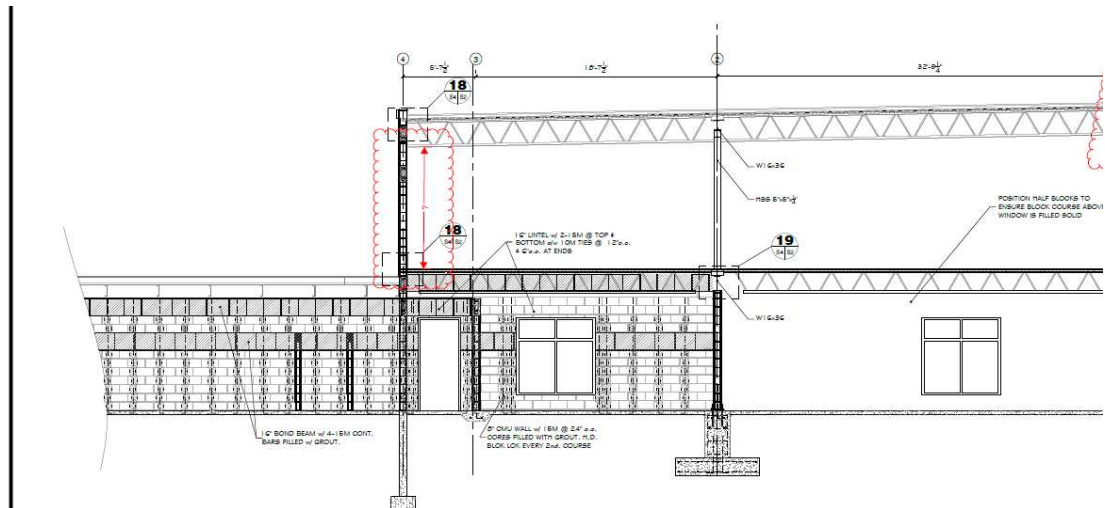
- S3 provides top of wall throughout Wall type 1-5 but does not provide height of top of plate for structural steel. Please provide height from top of slab to top of plate.

All masonry material are based in metric, and the measurement provided on the drawings does not add up to full coursing, for example: Wall Type 1, top of wall measurement is 8'8" which is the top bonding beam, this relates to 2641.6 mm. full coursing would be at 2600 mm with an added 30 mm piece that would be part of the bonding beam.
Please advise how to proceed as does not seem structurally sound.

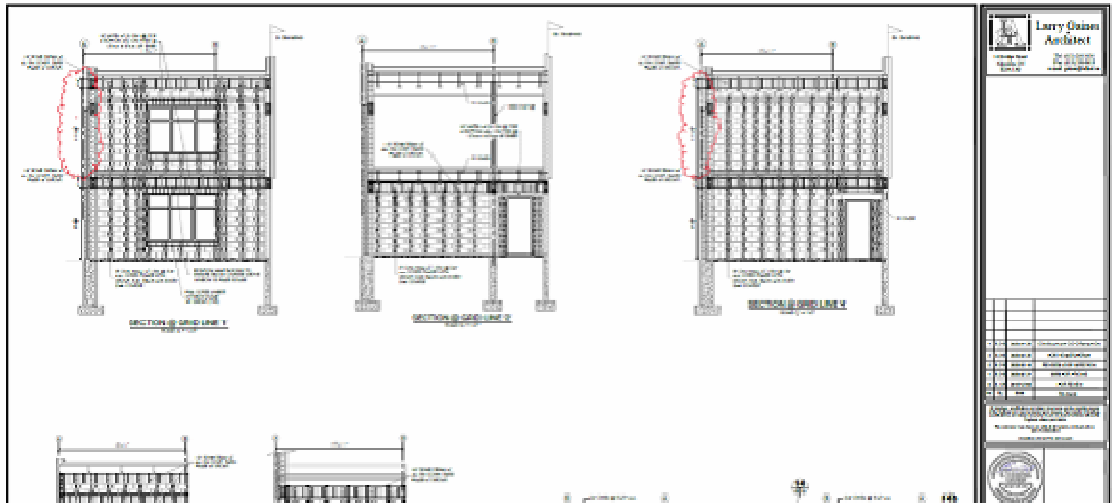
- S provides measurements for Wall types 1-5, but I do not seem to find details for wall type GL-A & B with dimensions. In addition, Drawings fail to detail a Wall Type for GL-10 as it is crucial to understand how all the components connect to finalize the wall

- S4 GL-A and S5 GL-B wall heights are same at 8'8" and S6- Section to GL 5-8 & 3 depicts no slop, Isn't the intent to have a slope between GL -A to B and attach to existing wall?
Please rectify and provide measurement from top of slab to top of plate on GL-A&B and elevation for top of C channel on existing wall.

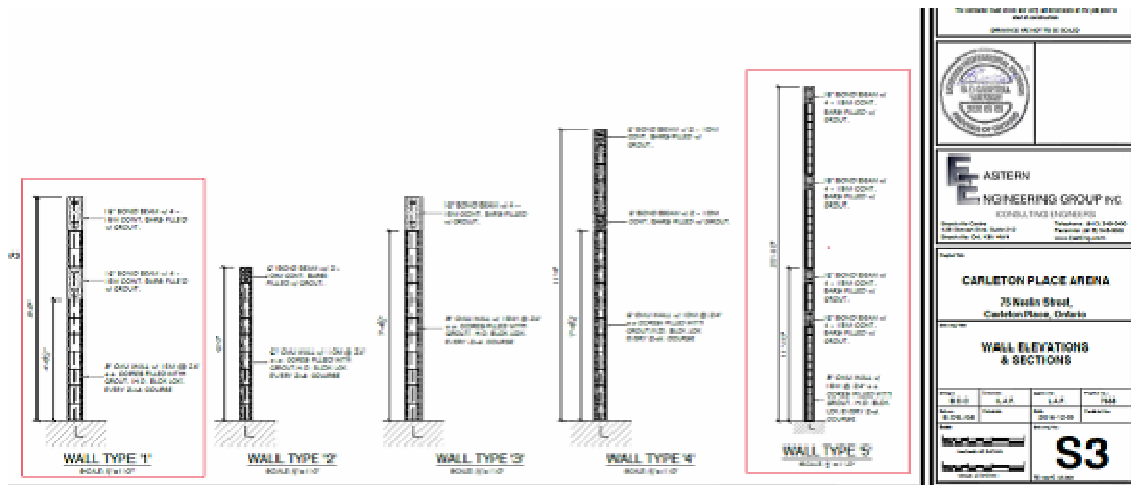
Please review marked up S3, S4, S6, A6 drawings below and confirm/provide a response according to the questions above.



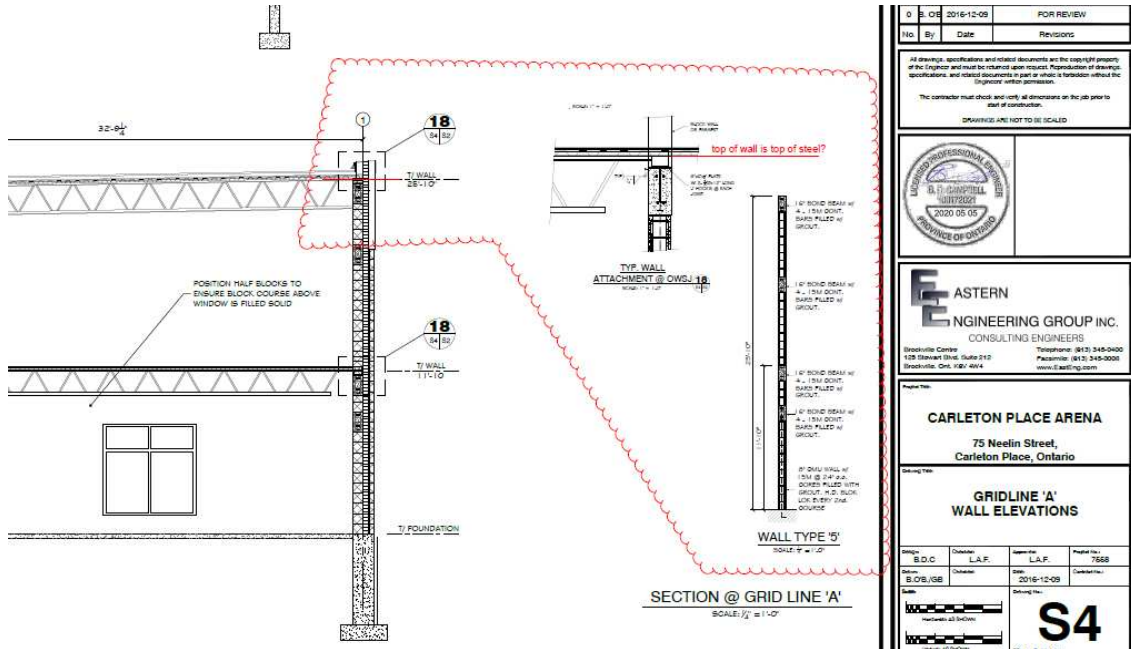
Question 2, S4



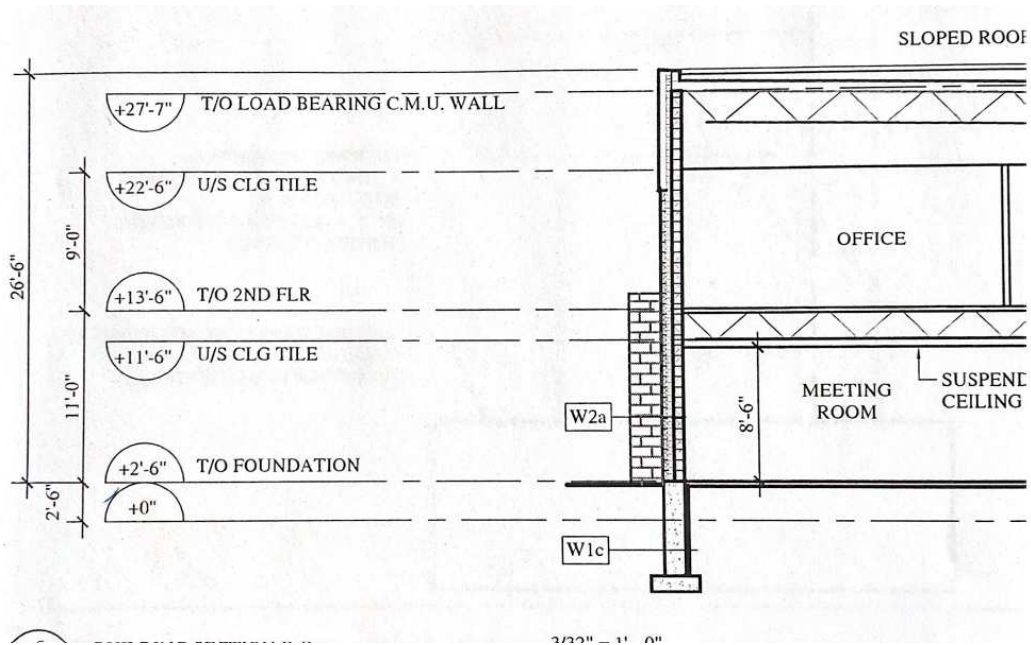
Question 3, S6



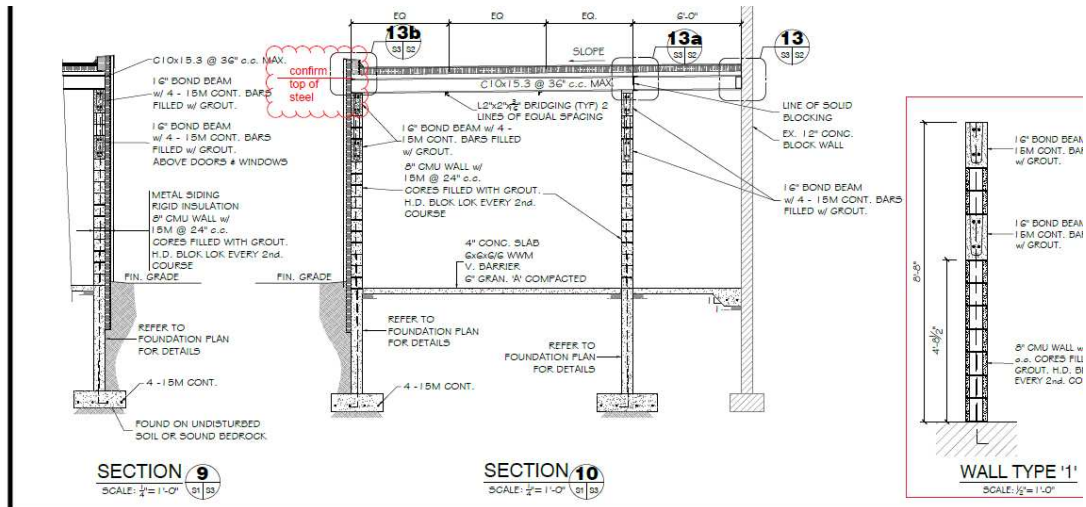
Question 4, 9, 10



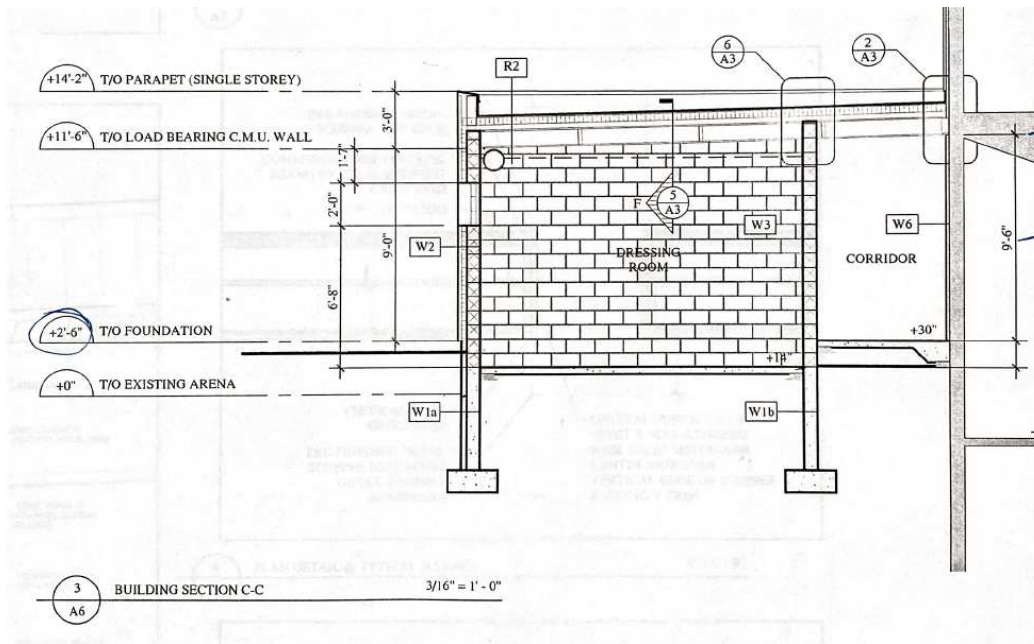
Question 5



Question 6, 5/A6



Question 7, S4/Section 10



Question 9, 3/A6

End of CIR No. 18



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Questions:

- 1. Drawings does not provide a specific detail showing a connection of CMU walls at GL 1&10 to existing wall.
Please provide how it will be connected?**

GL 10 and GL 1 are provided with MP2 at the intersection to the existing, there will be a construction joint between the existing masonry and the newly proposed.

- 2. S4, provide dimension from second floor top of slab to bottom of truss at the lowest location.**

Dimension is 9'-2" +/- grouting tolerances etc.. GC should verify all dimensions with as built dimensions.

- 3. S6, Sections @ Grid line 1 and 4 fails to provide the slop required on the roof trusses, please view details below and please correct as necessary providing dimensions.**

Roof Joists were drawn at 0.25:12 slope. Please confirm with architectural required slope to scuppers

- 4. S3, Wall Types 1 -5, are these corresponding to grid line walls? If so, is Wall Type 1 assumable to be for grid line 5 and Wall Type 5 to be grid line 1?**

Wall type 1 to 5 reference walls intersecting the gird line shown. We added these references to determine where bond beams would intersect etc... They do not correspond to gridline walls.

5. S3/S4, assume that Wall Type 5 pertains to GL 1, this wall has a measurement of 25'10" top of wall and at Section @ Grid Line A & B detail shows to have same dimension but seems to be top of truss.

True, error shown on drawings dimensions go to Top/ Truss. Adjust wall height to suit truss show depth.

6. Comparing as labeled, Wall Type 5 for grid line 1 with measurement of 25'10" and 4/A6 with elevations provided top of wall, calculations add up to 25'. What is accurate dimension/elevation of top of wall.?

Architectural shall govern, see item addressed in Q5 for possible discrepancy.

7. S4/Section 10, What is the dimension from top of slab to top of steel?

Please confirm you mean section @ Grid A. Top floor slab to U/S steel on which level?

8. Please confirm elevation for top of parapet on 4-A6 of the addition and if is the same as existing parapet height.

Refer to Architectural

9. S3 provides top of wall throughout Wall type 1-5 but does not provide height of top of plate for structural steel. Please provide height from top of slab to top of plate.

Please confirm this question is valid. Height to top of slab to top of steel plate is the wall height + plate thickness.

All masonry material are based in metric, and the measurement provided on the drawings does not add up to full coursing, for example: Wall Type 1, top of wall measurement is 8'8" which is the top bonding beam, this relates to 2641.6 mm. full coursing would be at 2600 mm with an added 30 mm piece that would be part of the bonding beam.

Please advise how to proceed as does not seem structurally sound.

Bonding/Lintel beams will be full blocks, filler blocks or solid grouting to be used at door/window frames as required but will not be part of bond beam. Only the use of 16" bond blocks or 8" bond block with 8" knock block will be acceptable.

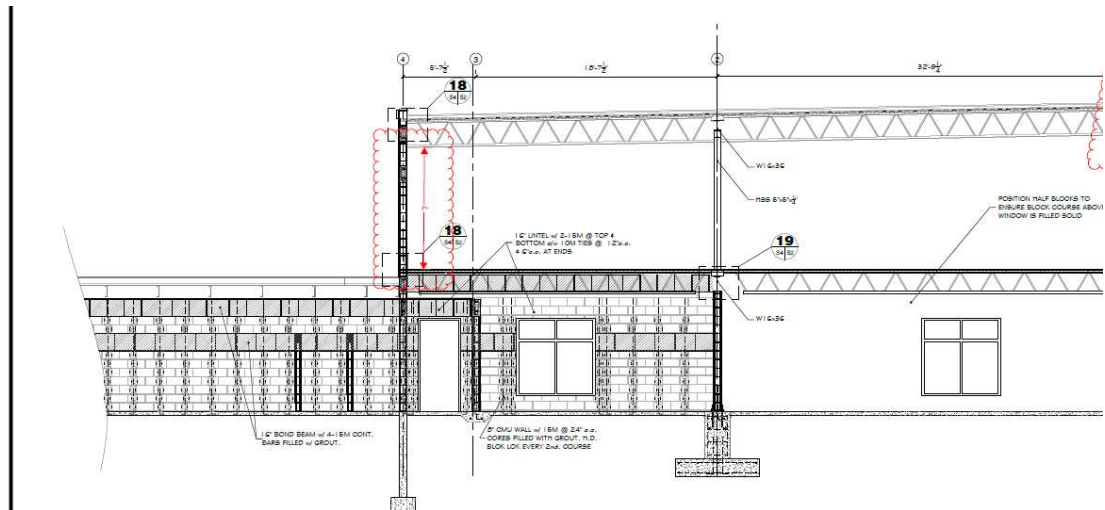
10. S provides measurements for Wall types 1-5, but I do not seem to find details for wall type GL-A & B with dimensions. In addition, Drawings fail to detail a Wall Type for GL-10 as it is crucial to understand how all the components connect to finalize the wall

All wall types described above are wall type 1 as noted on drawings. Sections of GL A and GL B on S3/S4 provide wall heights-however does not address the fact the floor slopes throughout the building and was measured for a relative position of the section. GL-10 height will vary with the profile of the roof. It should be noted that block wall will extend past this with compressible gasket per details on S2. Refer to Arch. for dimensions.

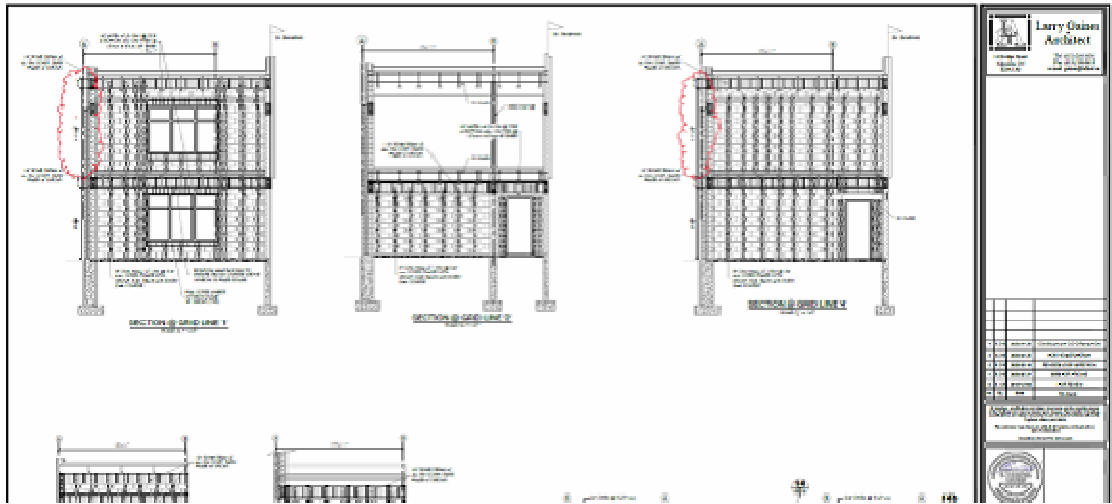
11. S4 GL-A and S5 GL-B wall heights are same at 8'8" and S6- Section to GL 5-8 & 3 depicts no slop, Isn't the intent to have a slope between GL -A to B and attach to existing wall? Please rectify and provide measurement from top of slab to top of plate on GL-A&B and elevation for top of C channel on existing wall.

Refer to Arch. for dimensions. Filler blocks not indicated i=on Structural above the continuous bond beam.

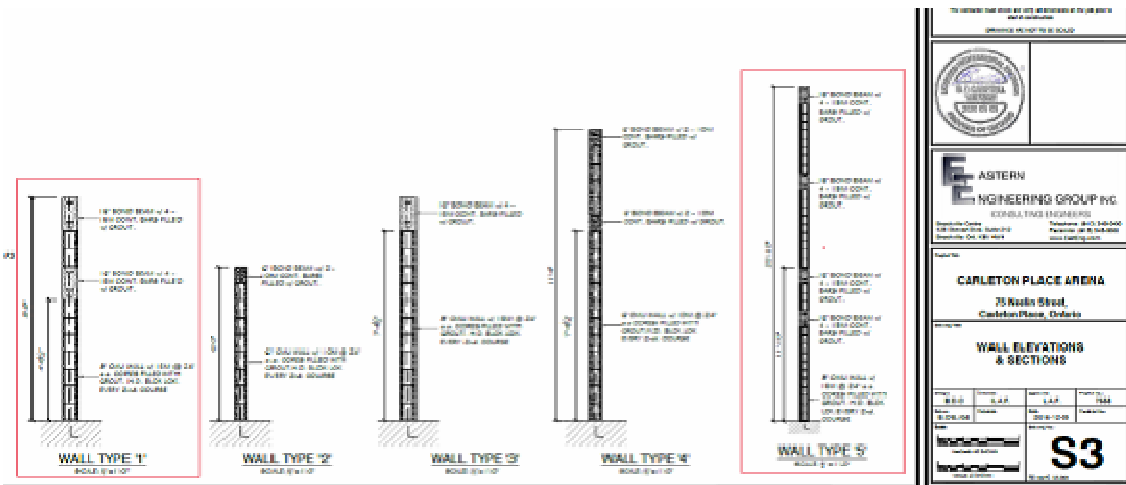
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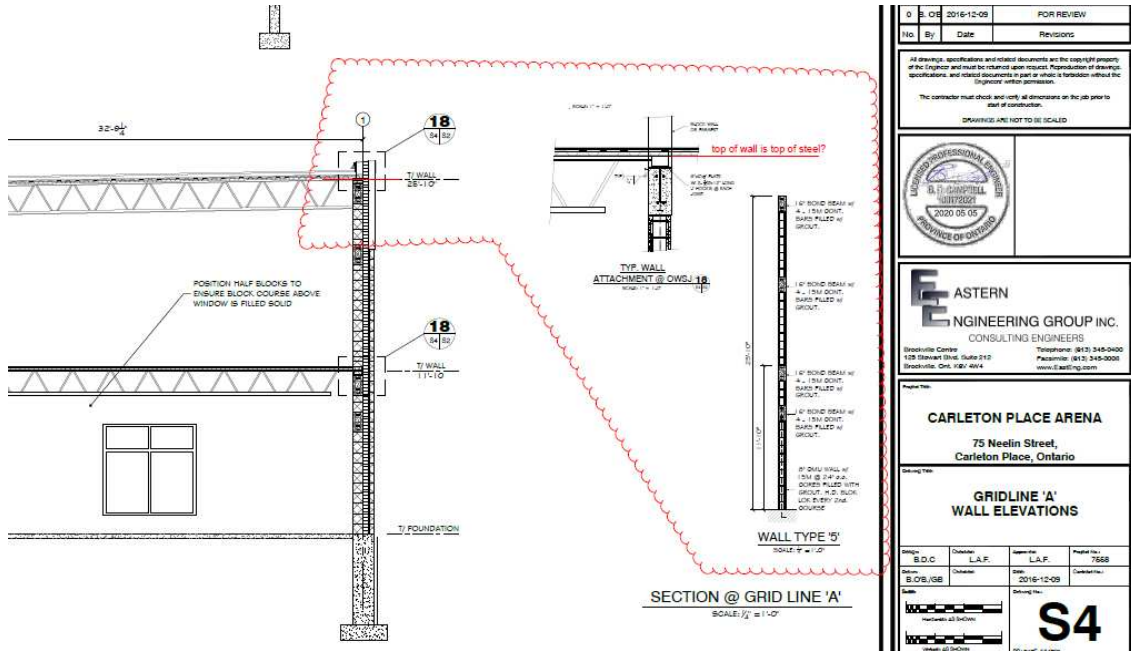
Question 2, S4



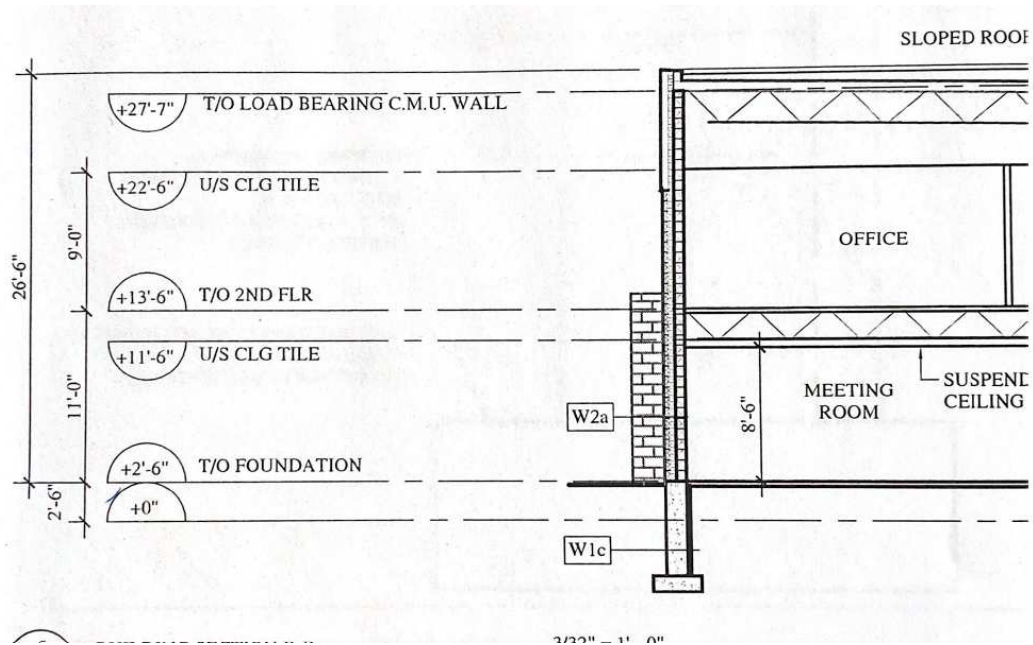
Question 3, S6



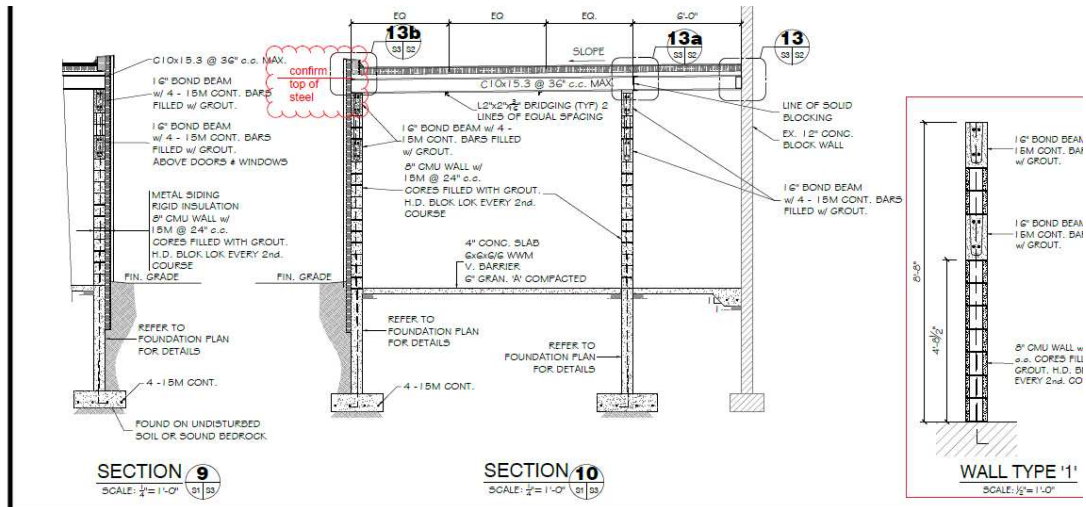
Question 4, 9, 10



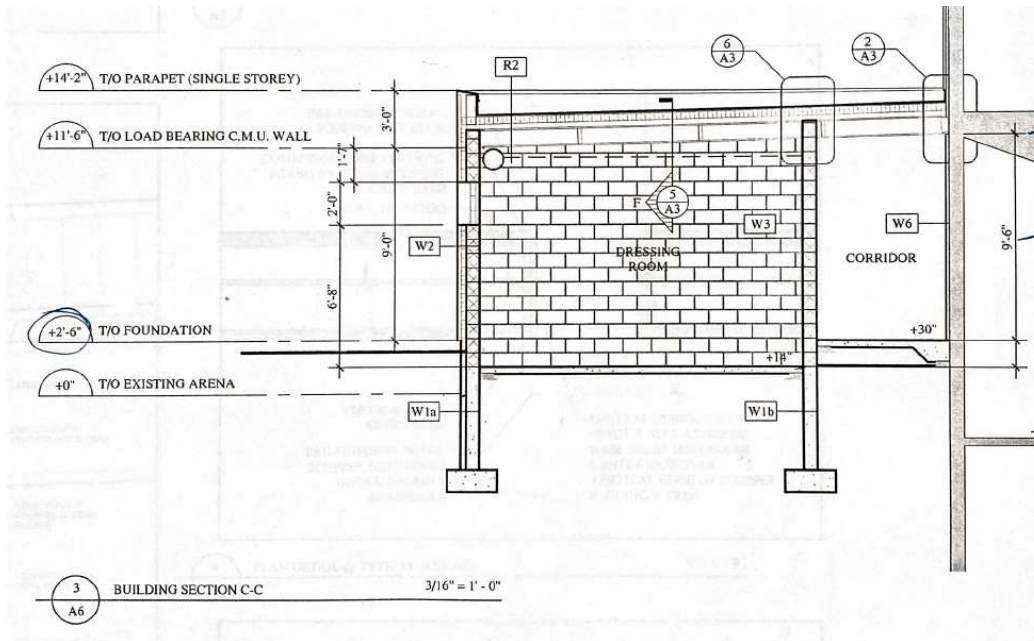
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