

**Information from Construction Documents Part 1 . \_\_\_\_\_ Group C 2.2 \_\_\_\_\_ .**

Reference Architectural Graphic Standards and Building Construction Illustrated

Use your group's CDs for this homework, except questions noted as NCS (National Cad Standard) or Sweets Catalog/Network online at <http://sweets.construction.com/> (free registration at site) or the large green Sweets Catalogs.

This is a group homework. Try sharing a google document so all members can edit the file at the same time.

see <https://support.google.com/drive/answer/2494822?hl=en>

For all answers either list the Drawing sheet number and detail number or Specification page number

1. List the architectural firm and three (3) engineering firms and their major (one) responsibility.

**Architectural Firm:            Whitman, Requardt & Associates LLP**

**3 Engineering Firms:**

**Civil: Whitman, Requardt & Associates LLP**

**Structural: The SK&A Group**

**MEP: Environetics**

2. Do the exterior walls carry the building loads?

**Yes**

**A 011**

3. Does the building have a curtain wall?

**No**

**A 201-204**

4. Is the building supported by columns? If so, what material?

**Yes**

**A 103**

5. Do any interior walls carry the building loads?

**No**

**A 103**

6. What is the General Building Structural Type (Concrete, Steel, Wood or what combination.)

## **Concrete foundation and Steel stud walls**

### **A 011**

7. What is the Basement (or lowest) structural Floor **Material** (concrete, wood...)?  
What is the depth/thickness?

**Structural Floor material is 6" concrete Floor**

### **A328**

8. What is the Basement (or lowest) structural Floor **Support** (steel beam, concrete beam...)? What is the depth/thickness?

**A011 Structural Floor is supported by concrete foundation wall 1' 6" deep with a 1' footer supporting below**

9. What is a Upper structural Floor **Material** (structural - wood..)? What is the depth/thickness?

**Structural Floor material is 6" concrete Floor**

10. What is a Upper structural Floor **Support** (steel beam...)? What is the depth/thickness?

**Steel beam, steel bar with spray; 14in on left, 24in in the middle, 14in on the right. S401 ,A305**

11. List two (2) materials for the front door and or frame.

**Brick, masonry/ Steel/gyp board. A622**

12. What is the floor finish material for the floor inside of the building at the front door/s?

**RECESSED WALK UP MAT A607**

13. What is the wall finish material for the walls inside of the building at the front door/s?

**1/2" GYP BOARD A607**

14. What material/s are used for the windows?

**1/8" FLOAT GLASS**

**1/4" TEMPERED GLASS**

**1/4" FROSTED AND TEMPERED GLASS**

**5/8" INSULATED GLASS ( 1/8" TEMPERED GLASS+ 3/8" AIR SPACE + 1/8" TEMPERED GLASS )**

**5/8" INSULATED GLASS ( 1/8" + 3/8" AIR SPACE + 1/8" ) A705**

15. List three (3) materials for the exterior finish of the building.

**FIBER CEMENT PANELS A317**

**ALUMINIUM REVEAL SYSTEM A317**

**SPANDREL PANEL A317**

16. How is the exterior finish attached to the building?

17. What is the roof slope or pitch?

**0 Slope or pitch A202**

18. What is the Roof finish material (shingles, etc....)

**Standing Seam Metal Roofing**

**A 312**

19. What type and thickness of insulation is in the exterior wall system?

**1 ½" Rigid Insulation A607**

20. What type and thickness of insulation is used in the roof system?

**A 305 4" Rigid Insulation**

21. Find and list the sheet number that has a revision, list the number, date and know it's location on the sheet.

**A 121 Revision 13 05/08/15**

22. What is the smallest floor to floor height?

**9'-8" A510**

23. What is the largest floor to floor height?

**12' A510**

24. What is the thickness of the concrete floor for all floor types?

**6" concrete Floor**

**A328**

25. What is the largest foundation footer/pad thickness/depth?

**2'-6" A011**