Information from Construction Documents Part 1

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: Rubeling & Associates
   ● Civil Engineer: Matis Warfield, INC.
   ● Structural Engineer: Morabito Consultants, INC.
   ● M/E/P Engineer: Kibart Consulting Engineers
   ● Sheet A000, Cover Sheet

2. Do the exterior walls carry the building loads?
   ○ Yes, the north and south plan walls are carrying the building loads.
   ○ S101, S102

3. Does the building have a curtain wall?
   ○ No the building does not have a curtain wall. The exterior walls are brick supported by concrete.
   ○ A-401
   ○ No specific detail number

4. Is the building supported by columns? If so, what material?
   ○ Yes, rectangular columns built
   ○ Hot-dipped galvanized steel
   ○ S-205

5. Do any interior walls carry the building loads?
   ○ Yes
   ○ S-101
6. What is the General Building Structural Type (Concrete, Steel, Wood or what combination.)
   ○ combination of concrete and steel
   ○ S-201

7. What is the Basement (or lowest) structural Floor Material (concrete, wood...)? What is the depth/thickness?
   ○ 3” concrete slab
   ○ S-203

8. What is the Basement (or lowest) structural Floor Support (steel beam, concrete beam...)? What is the depth/thickness?
   ○ Steel Hambro Joist
   ○ S-204

9. What is a Upper structural Floor Material (structural - wood..)? What is the depth/thickness?
   ○ 3” concrete on metal deck
   ○ A401

10. What is a Upper structural Floor Support (steel beam...)? What is the depth/thickness?
    ○ Steel beam, ¾”, 5 ¼”
    ○ S103

11. List two (2) materials for the front door and or frame.
    ○ Aluminum Window, Hollow Metal Frame
    ○ A901

12. What is the floor finish material for the floor inside of the building at the front door/s?
    ○ Vestibule, A903, C1
    ○ Manufactured Shaw Contract, Portal style (Walk-off Carpet tile)

13. What is the wall finish material for the walls inside of the building at the front door/s?
    ○ P1, Vestibule A903, A103
    ○ Glacier white OC-31 Paint, New Gypsum Board and Metal stud wall

14. What material/s are used for the windows?
    ○ A902
    ○ Aluminum

15. List three (3) materials for the exterior finish of the building.
    ○ A-201
    ○ Norman Brick Veneer
    ○ Aluminum Storefront
    ○ Cast Stone Sill

16. How is the exterior finish attached to the building?
Painted on in the right temperature conditions and after correct preparation has occurred
099113-4 from Full Specification Sheet

17. What is the roof slope or pitch?
   - A-403
   - 12/4 roof pitch

18. What is the Roof finish material (shingles, etc….)
   - A-403
   - detail number: 7.43A Prefinished Standing Seam Metal Roofing

19. What type and thickness of insulation is in the exterior wall system?
   - A-409
   - detail number: 7.21A 2” Rigid Insulation (R-10 MIN.)

20. What type and thickness of insulation is used in the roof system?
    - A-401
    - detail number: 7.20A Batt Insulation With FSK Vapor Barrier

21. Find and list the sheet number that has a revision, list the number, date and know it’s location on the sheet.
    - Sheet: A-701; Revision 1; PR #1 - Ground Floor; Date: 02-16-2015
    - It is located on the top left of the sheet in the large “Cloud”

22. What is the smallest floor to floor height?
    - 2nd Floor to Top of Beam on Roof: 12’-0”
    - There is a small training area so…. training floor to ground floor: 3’-0”
    - A-302
    - inside elevations

23. What is the largest floor to floor height?
    - Ground floor to first floor: 12’-8”
    - A-302
    - inside elevations

24. What is the thickness of the concrete floor for all floor types?
    - A-401
    - 4” Concrete Slab on Grade 330B
    - 3” Concrete on Metal Deck 330C

25. What is the largest foundation footer/pad thickness/depth?
    - 18”
    - S208
Morgan
Sean
Kevin
Holly
Ryan

EACH OF US ANSWERS 5 QUESTIONS. HIGHLIGHT THE QUESTIONS YOU COMPLETE IN YOUR PREFERRED COLOR.