ADDENDUM #3

GADSDEN CITY HALL

Gadsden, AL WBA #23-083.00

OWNER:
City of Gadsden
90 Broad Street
Gadsden, AL 35901
ph. (256)549-4500

ARCHITECT:
Williams Blackstock Architects
2204 1st Avenue South, Suite 200
Birmingham, AL 35233
ph. 205-252-9811

DATE: 13 December 2024

TO: All Bidders

Acknowledge receipt of this Addendum by inserting its number in the Bid Form. Failure to do so may subject Bidder to disqualification. This serves as an addendum to the construction documents and modifies and/or supplements them as follows:

GENERAL:

1. Various questions received from Bidders have been compiled into a "Bidding Questions and Clarifications" spreadsheet which is attached for inclusion into the Bid Documents. Questions that were answered in previous addenda have been greyed-out for clarity and ease of reference.
2. The Table of Contents for the project manual and the Sheet Index for the drawings will be updated to include all new drawings and spec sections that are included as part of this addendum.
3. This addendum serves as notice to officially shift the bid date to Friday December 19, 2024 @ 11:00 A.M.
4. Drawings A-621, A-622, and A-701 issued in Addendum #2 did not contain revision clouds. Those sheets have been clouded and included in this addendum for clarity.

PROJECT MANUAL:

1. **Section 00 0110 – TABLE OF CONTENTS:**
   a. Table of Contents has been updated to add section 07 1400 – BSD Fluid-Applied Roof and WP
   b. Table of Contents has been updated to add Section 27 1100 – COMMUNICATIONS EQUIPMENT ROOM FITTINGS.

2. **Section 00 1113 – PREQUALIFICATION AND ADVERTISEMENT FOR BIDS:**
   a. Sealed proposals will be received by the City of Gadsden until **11:00 A.M. local time on Friday, December 20, 2024 at the Council Chambers at City Hall,** in lieu of Tuesday, December 17, 2024.

3. **Section 00 6103 – BID SPECIFICATIONS:**
   a. Added Form ST EXC-01 – Application for Sales and Use Tax Certificate of Exemption. All bidders are to include this form as part of the final bid package. See attachments.
   b. Added DCM Form C-3A – ACCOUNTING OF SALES TAX. All bidders are to include this form as part of the final bid package. See attachments.

4. **Section 08 3613 – SECTIONAL DOORS:**

a. Added Spec Section 08 3613 – SECITONAL DOORS to the project manual. Table of Contents has been updated to reflect this. See attachments.

5. **Section 08 7100 – DOOR HARDWARE:**
   a. HW Set – CC-03 – Door CC130B:
      i. Remove all electrified components & card reader.
      ii. Non-electrified 98L-NL exit device to be supplied.
   b. HW Sets – CC-07, CC-08, CC-11, CC-13, CH-02, CH-13 & CH-17:
      i. Replace LCN 4040XP closer with 1461 series closer.
   c. HW Set – CC-15:
      i. Add LCN 4040XP closer to hardware set.
   d. HW Set – CH-19 – Door CH200A:
      i. Add door position switch to HW Set.
      ii. Change M490 elctromagnetic lock to M490P.
   e. HW Set – CH-AL-03:
      i. Add Door CH211 to hardware set
   f. HW Set – CH-AL-04 – Door CH218:
      i. Add door position switch to total of (2) to allow for one per door leaf.

6. **Section 14 2123 – ELECTRIC TRACTION ELEVATOR:**
   a. Added Spec Section 14 2123 – ELECTRIC TRACTION ELEVATOR to the project manual. Table of Contents has been updated to reflect this. See attachments.

DRAWINGS:

1. **Sheet C-102 – Site Demolition Plan:**
   a. Replace this sheet in its entirety. See attachments.
   b. Adjusted limits of civil demolition to reflect design revisions per C-301.
   c. Adjusted callouts and tags as needed.

2. **Sheet C-301 – Site Layout Plan:**
   a. Replace this sheet in its entirety. See attachments.
   b. Revised layout of garage access drives to 2nd Street.
   c. Revised layout of northernmost bank teller exit lane to 2nd Street.
   d. Proposed concrete ADA access crossing drive in parking lot changed to asphalt pavement.
   e. Replacement of existing concrete sidewalk section along Broad Street.
   f. Adjusted callouts and tags as needed, including corrections in response to RFI #14.

3. **Sheet C-302 Grading & Drainage Plan:**
   a. Replace this sheet in its entirety. See attachments.
   b. Addition of three (3) HDPE drain inlets and piping.
   c. Updated contours and spot elevations.
   d. Adjusted tables and tags as needed.

4. **Sheet C-303 – Site Utility Plan:**
   a. Replace this sheet in its entirety. See attachments.
   b. Fire hydrant assembly replaced/relocated along 2nd Street.
   c. Steel casing added to fire line serving Merrill Lynch Building.
   d. Revised vault/meter configuration serving Regions Building.
   e. Adjusted callouts and tags as needed.

5. **Sheet S-100 – GENERAL NOTES:**

a. Added general note 1.1 H.
b. Modified general note 4.2.
c. Added/renumbered general notes 4.18-4.21.
d. Modified general note 5.16.
e. Removed/renumbered general notes 6.4-6.10.
f. See attachments.

6. **Sheet S-101 – GENERAL NOTES:**
   a. Modified general note 8.7A.
   b. Added general notes 8.12 and 8.13 and moved general notes 8.14-8.17.
   c. Modified general note 9.3.
   d. Modified general note 9.5.
   e. Modified general note 9.6.
   f. Modified general note 13.1
   g. Added general notes 14.1-14.8.
   h. See attachments.

7. **Sheet S-102 – TYPICAL DETAILS:**
   a. Adjusted beam bearing plate details.
   b. Clarified elevator section detail.
   c. See attachments.

8. **Sheet S-104 – TYPICAL DETAILS:**
   a. Clarified 'column base, pedestal, and footing detail.'
   b. See attachments.

9. **Sheet S-105 – TYPICAL DETAILS:**
   a. Added 'stud wall anchorage to steel beam' detail.
   b. See attachments.

10. **Sheet S-106 – BRACING ELEVATIONS AND DETAILS:**
    a. Clarified note in detail A/S-106.
    b. Clarified note in 'brace frame column anchor rods' detail.
    c. See attachments.

11. **Sheet S-107 – BRACING ELEVATIONS:**
    a. Updated bracing notes for elevation 1/S-107.
    b. See attachments.

12. **Sheet S-201 – FOUNDATION AND LEVEL 1 PLAN:**
    a. Clarified grid dimensions.
    b. Added section 7/S-301 callout.
    c. Clarified top of existing footings to be field verified by general contractor.
    d. Added columns for elevator rail support.
    e. Increased stair pedestal base and thickened slab below pedestal base.
    f. Added not for feathering of 12" topping slab in courtroom.
    g. Increased column size C11.
    h. Clarified plan note 11.
    i. Added plan notes 13 and 14.
    j. See attachments.

13. **Sheet S-202 – 2nd FLOOR FRAMING PLAN:**
    a. Clarified grid dimensions.

b. Added section 6/S-302 callout.
c. Clarified weld of mitered ends at floating canopy.
d. Changed beam size and framing at plan east walkway.
e. Changed beam framing (plan note 14) at column W1.
f. Added dimensions to beams around mechanical chase opening.
g. Added dimensions to beams at front entrance canopy.
h. Added note for sloping walkway canopy support.
i. Clarified cripple stringer weld at monumental stair.
j. Changed stair outrigger beam size.
k. Added columns for elevator rail support.
l. Show kickers from section 10/S-302.
m. Clarified plan notes 3 and 17.
n. Added plan notes 23 and 24.
o. See attachments.

14. **Sheet S-203 – ROOF FRAMING PLAN:**
    a. Clarified grid dimensions.
    b. Added roof beam at walkway canopy roof.
    c. Added deck support along plan south edge of roof hatch.
    d. Added section 1/S-306 callout.
    e. Added plan note for deck support at deck cantilever between B6 and G6.
    f. Clarified miscellaneous notes on roof framing plan.
    g. Clarified miscellaneous notes on high roof framing plan.
    h. Clarified top of steel elevations for high roof framing plan.
    i. Clarified roof framing plan note 1.
    j. See attachments.

15. **Sheet S-204 – FOUNDATION AND ROOF FRAMING PLAN (GARAGE):**
    a. Clarified top of existing footings and various existing dimensions to be field verified by general contractor.
    b. Added dimensions for miscellaneous beams on patio and low roof framing plan.
    c. Changed bearing plate designations.
    d. Added kickers to balcony roof framing plan.
    e. See attachments.

16. **Sheet S-301 – FOUNDATION SECTIONS:**
    a. Section 1,2,3,5, and 7:
        i. Clarified CMU size.
    b. Section 4:
        i. Clarified CMU size.
        ii. Added note to plan.
    c. Section 6:
        i. Clarified CMU size.
        ii. Moved vertical dowel to outer-most CMU wythe.
    d. Section 8:
        i. Clarified section note.
    e. Section 9:
        i. Added section note.
    f. See attachments.

17. **Sheet S-302 – 2nd FLOOR SECTIONS:**
    a. Section 1, 2, 3, 4, 5, 6, 7, and 8:
        i. Changed bent plate size and clarified weld information.
    b. Section 9:

i. Changed bent plate size and clarified miscellaneous weld information.
ii. Updated HSS at end of canopy.
iii. Updated horizontal hooked bar spacing.

c. Section 10:
i. Changed bent plate size and clarified miscellaneous weld information.
ii. Added kickers and removed section note about shoring beam.

d. Section 11 and 12:
i. Changed bent plate size and clarified weld information.
ii. Clarified headed stud location.

e. Section 13:
i. Clarified weld information.
ii. Removed hooked slab bar.
iii. Added section note.

f. See attachments.

18. **Sheet S-303 – 2nd FLOOR SECTIONS:**
a. Section 1:
i. Changed bent plate size and clarified miscellaneous weld information.

b. Section 2:
i. Changed bent plate size, gusset plate size, and clarified miscellaneous weld information.

c. Section 3:
i. Added kicker between main beams.
ii. Updated CFS member support and connections.
iii. Updated miscellaneous weld information.
iv. Added section note.

d. See attachments.

19. **Sheet S-304 – WALKWAY SECTIONS:**
a. Section 1:
i. Clarified outrigger notes.
ii. Updated miscellaneous weld information.
iii. Changed bent plate size, gusset plate size, and clarified miscellaneous weld information.
iv. Added number of continuous bars for concrete curb.

b. Section 2, 3, and 4:
i. Changed bent plate size and clarified miscellaneous weld information.

c. Section 5:
i. Changed bent plate size and clarified miscellaneous weld information.
ii. Removed full depth web stiffener at main beam.

d. Section 6 and 7:
i. Showed expansion joint.
ii. Clarified weld information.

e. Section 8:
i. Clarified outrigger notes.
ii. Updated miscellaneous weld information.
iii. Clarified roof beam kicker location.
iv. Changed bent plate size, gusset size, and clarified miscellaneous weld information.
v. Clarified headed stud location.
vi. Added section note.

f. See attachments.

20. **Sheet S-308 – BALCONY & REGIONS INFILL SECTIONS:**
a. Section 1:
i. Clarified roof beam bent plate size.

ii. Changed bent plate size, gusset size, and clarified miscellaneous weld information.
iii. Clarified headed stud location.
iv. Added section note.

b. Section 2:
i. Clarified weld information.

c. Section 3:
i. Updated bent plate size and weld information.

d. Section 4:
i. Clarified weld information.

e. Section 6:
i. Changed beam to column connection.
ii. Updated weld information.

f. See attachments.

21. **Sheet AD-101 – 1st FLOOR DEMOLITION PLAN – CITY HALL:**
    a. Drawing 1/AD-101 – 1st FLOOR DEMOLITION PLAN – CITY HALL:
        i. Added callouts for demolition photos on sheet AD-106.
    b. Drawing 2/AD-101 – 1st FLOOR DEMOLITION RCP – CITY HALL:
        i. Add clarification notes.
        ii. Added callouts for demolition photos on sheet AD-106.
    c. Drawing 3/AD-101 – GUARDRAIL/SOFFIT DEMO:
        i. Revised not on detail for clarification.

22. **Sheet AD-105 – PHASING PLAN:**
    a. Replace this sheet in its entirety. See attachments.

23. **Sheet AD-106 – DEMOLITION PHOTOS:**
    a. Issuing sheet. See attachments.

24. **Sheet A-109 – 1st FLOOR PLAN – CITY COUNCIL:**
    a. Changed wall type at SOUND CONTROL 132 to accommodate scheduled drinking fountain.
    b. Changed wall type adjacent to JAN. 127.
    c. See attachments.

25. **Sheet A-112 – ROOF PLANS:**
    a. Detail 3/A-112 – EXISTING ROOF – DETAIL: Add general note: “Remove existing roofing membrane and coverboard, replace with fully-adhered single ply roofing membrane over ½” hi-density cover board.

26. **Sheet A-124 – 1st FLOOR RCP – CITY COUNCIL:**
    a. Added shaded region and “MERRILL LYNCH TENANT NOT IN SCOPE” in the RCPs for clarification.
    b. See attachments.

27. **Sheet A-125 – 2nd FLOOR RCP – CITY COUNCIL:**
    a. Added shaded region and “MERRILL LYNCH TENANT NOT IN SCOPE” in the RCPs for clarification.
    b. See attachments.

28. **Sheet A-202 – EXTERIOR ELEVATIONS – CITY COUNCIL:**
    a. Drawing 1/A-202 – CITY COUNCIL – SOUTH ELEVATION: Added callout for sheet A-805 – SIGNAGE DETAILS & ELEVATIONS.
    b. Drawing 2/A-202 – CITY COUNCIL – NORTH ELEVATION: Added callout for sheet A-805 – SIGNAGE DETAILS & ELEVATIONS.
    c. See attachments.

29. **Sheet A-602 – CH – 1st FLOOR ENLARGED ELEVATIONS:**
    a. Drawing 1/A-602 – INTERIOR ELEVATION – LOBBY 200: Revised note to read "CUSTOM BACKLIT SIGNAGE BY GC; PROVIDE POWER AT THIS LOCATION AND COORDINATE WITH SIGN INSTALLER".
    b. Drawing 6/A-602 – INTERIOR ELEVATION – LOBBY 200: Added callout for sheet A-805 – SIGNAGE DETAILS & ELEVATIONS. Revised note to read "CUSTOM BACKLIT SIGNAGE BY GC; PROVIDE POWER AT THIS LOCATION AND COORDINATE WITH SIGN INSTALLER".
    c. Drawing 4/A-602 – INTERIOR ELEVATION – LOBBY 102: Added callout for sheet A-805 – SIGNAGE DETAILS & ELEVATIONS. Revised note to read "CUSTOM BACKLIT SIGNAGE BY GC; PROVIDE POWER AT THIS LOCATION AND COORDINATE WITH SIGN INSTALLER".
    d. See attachments.

30. **Sheet A-609 – CC – 1st FLOOR ENLARGED PLANS & ELEVATIONS:**
    a. Drawing 1/A-609 ENLARGED FLOOR PLAN – COUNCIL OF CHAMBERS: Revised dimensions on pilasters to accommodate rain leader.
    b. Drawing 2/A-609 PLAN DTL – COUNCIL OF CHAMBERS PILASTER: Revised detail to show clear dimension within pilaster to accommodate rain leader.
    c. See attachments.

31. **Sheet A-621 – ENLARGED INTERIOR DETAILS:**
    a. Revision clouds were not shown in Addendum #2 – Sheet has been included for clarity purposes only.
    b. Drawing 4/A-621 – INTERIOR WALL SECTION:
        i. Renumbered detail callout.
    c. See attachments.

32. **Sheet A-622 – ENLARGED INTERIOR DETAILS:**
    a. Revisions clouds were not shown in Addendum #2 – Sheet has been included for clarity purposes only.
    b. Drawing 7/A-622 – PLAN DTL – COMPUTER COVE:
        i. Renumbered detail callout.
    c. See attachments.

33. **Sheet A-700 – FINISH SCHEDULE:**
    a. FINISH LEGEND has been updated to list "SS-1" manufacturer and product information.
    b. See attachments.

34. **Sheet A-701 – 1st FLOOR FINISH PLANS – CITY HALL:**
    a. Revision clouds were not shown in Addendum #2 – Sheet has been included for clarity purposes only.
    b. Drawing 1/A-701 – CITY HALL – 1st FLOOR FINISH PLAN:
        i. FAMILY TOILET 112 – Updated finish tag.
        ii. WOMEN 113 – Updated finish tag.
        iii. MEN 114 – Updated finish tag.

35. **Sheet A-801 – PARTITION SCHEDULE:**
    a. Issuing sheet. See attachments

36. **Sheet A-802 – DOOR SCHEDULE:**
    a. Revised Door CH110 Door Type to be Type D1.
    b. Revised Door CH211 HARDWARE set to be CC-AL-03.
    c. Revised Door CC238 Door Type to be Type D5.
    d. Revised Door CC253 Door Type to be Type D5.
    e. Revised Door CC257 Door Type to be Type D5.
    f. See attachments.

37. **Sheet A-803 – CURTAINWALL AND STOREFRONT SCHEDULES:**

a. Drawing 2/A-803 – STOREFRONT ELEVATIONS: Revised SF18, SF22, SF23, SF32 and SF33 to be "NOT USED". Refer to door schedule for frame types at these locations. Revised door type in SF27.
b. See attachments.

38. **Sheet A-805 – SIGNAGE DETAILS & ELEVATIONS:**
    a. Issuing sheet. See attachments.

39. **Sheet A-806 – CH – LEVEL 1 SIGNAGE PLAN:**
    a. Issuing sheet. See attachments.

40. **Sheet A-807 – CH – LEVEL 2 SIGNAGE PLAN:**
    a. Issuing sheet. See attachments.

41. **Sheet A-808 – CH – LEVEL 3 SIGNAGE PLAN:**
    a. Issuing sheet. See attachments.

42. **Sheet A-809 – CC – LEVEL 1 SIGNAGE PLAN:**
    a. Issuing sheet. See attachments.

43. **Sheet A-810 – CC – LEVEL 2 SIGNAGE PLAN:**
    a. Issuing sheet. See attachments.

44. **Sheet M-004 – MECHANICAL CONTROLS & DETAILS:**
    a. Added controls note for existing packaged units.
    b. See attachments.

45. **Sheet M-202 – MECHANICAL – 1ST FLOOR PLAN – CITY COUNCIL:**
    a. Drawing 1/M-202 – MECHANICAL 1st FLOOR PLAN – CITY COUNCIL: Moved ductwork to coordinate with wall and ceiling grid.
    b. See attachments.

46. **Sheet M-203 – MECHANICAL – 2nd FLOOR PLAN – CITY COUNCIL:**
    a. Drawing 1/M-203 – MECHANICAL – 2nd FLOOR PLAN – CITY COUNCIL: Provided fire damper in supply air duct. Moved return air opening above Office 247.
    b. See attachments.

47. **Sheet M-303 – MECHANICAL PIPING – 2nd FLOOR PLAN – CITY COUNCIL:**
    a. Drawing 1/M-303 – MECHANICAL PIPING – 2nd FLOOR PLAN – CITY COUNCIL: Condensate and refrigerant pipe routed to IHP-7.
    b. See attachments.

48. **Sheet FP-001 – FIRE PROTECTION SCHEDULES AND DETAILS:**
    a. Added "FIRE PROTECTION FLOW DATA".
    b. See attachments.

49. **Sheet P-001 – PLUMBING SCHEDULES AND NOTES:**
    a. Updated roof drain and overflow drain information in "PLUMBING FIXTURE SCHEDULE".
    b. See attachments.

50. **Sheet P-202 – NON-PRESSURE PIPING – 3rd FLOOR PLAN – CITY HALL:**
    a. Drawing 1/P-202 – NON-PRESSURE PIPING – 3rd FLOOR PLAN – CITY HALL: Added cleanouts in Men 314 and Women 317.
    b. See attachments.

51. **Sheet P-301 – PRESSURE PIPING – 2nd FLOOR PLAN – CITY HALL:**
    a. Drawing 1/P-301 – PRESSURE PIPING – 2nd FLOOR PLAN CITY HALL: Removed riser tag.
    b. See attachments.

52. **Sheet P-302 – PRESSURE PIPING – 3rd FLOOR PLAN – CITY HALL:**
    a. Drawing 1/P-302 – PRESSURE PIPING – 3rd FLOOR PLAN – CITY HALL: Added riser tag. Added ball valves in vertical drops to mop sink. Added pipe size tag.
    b. See attachments.

53. **Sheet P-303 – PRESSURE PIPING – 1st FLOOR PLAN – CITY COUNCIL:**
    a. Drawing 2/P-303 – PRESSURE PIPING – 1st FLOOR PLAN – CITY COUNCIL – ENLARGED: Tagged wall hydrants associated pipe on riser. Moved tags for readability. Removed excess ball valve.
    b. Updated Riser Diagram to reflect revisions to drawing 2/P-303 – PRESSURE PIPING – 1st FLOOR PLAN – CITY COUNCIL – ENLARGED.
    c. See attachments.

54. **Sheet E-008 – ELECTRICAL PANELBOARD SCHEDULES – NEW PANELS:**
    a. Revised panel schedule L1 added 3 circuits.
    b. See attachments.

55. **Sheet E-302 – ELECTRICAL LIGHTING 1st FLOOR PLAN – CITY COUNCIL:**
    a. Revised lighting controls in Council Chambers.
    b. See attachments.

56. **Sheet E-400 – ELECTRICAL 1st & 2nd FLOOR PLANS – CITY HALL:**
    a. Drawing 1/E-400 – POWER – 1st FLOOR PLAN – CITY HALL: Updated automatic door locations.
    b. See attachments.

57. **Sheet E-403 – ELECTRICAL 2nd FLOOR PLAN – CITY COUNCIL:**
    a. Drawing 1/E-403 – POWER – 2nd FLOOR PLAN – CITY COUNCIL: Relocated above counter receptacle in record room.
    b. See attachments.

58. **Sheet T-005 – TECHNOLOGY – ACCESS CONTROL DETAILS:**
    a. Removed Detail “Door Type D01” and added Detail “Door Type D03”.
    b. See attachments.

59. **Sheet T-007 – TECHNOLOGY – ACS SCHEDULE:**
    a. Updated Door Hardware Schedule.
    b. See attachments.

60. **Sheet T-400 – TECHNOLOGY – COMM – 1st & 2nd FLOOR PLAN – CITY HALL:**
    a. Drawing 1/T-400 – TECHNOLOGY – COMMUNICATION – 1st FLOOR PLAN – CITY HALL: Tagged Key Note 3 and Key Note 4.
    b. Added Keyed Note 3 and Key Note 4.
    c. See attachments.

61. **Sheet T-402 – TECHNOLOGY – COMM – 1st FLOOR PLAN – CITY COUNCIL:**
    a. Drawing 1/TECHNOLOGY – COMMUNICATION – 1st FLOOR PLAN – CITY COUNCIL: Tagged Key Note 2 and Key Note 3.
    b. Added Keyed Note 2 and Keyed Note 3.
    c. See attachments.

MISC.:

1. **Pre-Bid Conference Meeting minutes:**
    a. Meeting minutes from the Pre-Bid Conference have been attached for reference.
    b. Sign-in sheet from the Pre-Bid Conference has been included for reference.
    c. See attachments.

2. **Existing Regions Building Drawings:**
    a. Architectural, Structural, Mechanical, Electrical and Plumbing drawings of the existing Regions building has been included for reference, see attachments.

3. **Existing Merrill Lynch Drawings:**
    a. Architectural, Structural, Mechanical, Electrical, Plumbing, and Fire Protection drawings of the existing Merrill Lynch building has been included for reference, see attachments.

ATTACHMENTS:

1.	Bidders Questions & Clarifications Spread Sheet	8 1/2X11 – 2 sheets	
2.	Pre-Bid Conference Meeting Notes	8 1/2X11 – 4 sheets	
3.	FORM ST EXC-01	8 1/2X11 – 3 sheets	
4.	DCM FORM C-3A	8 1/2X11 - 1 sheet	
5.	08 3613 – SECTIONAL DOORS	8 1/2X11 – 4 sheets	Rev. 1 – 12.13.24
6.	14 2123 – ELECTRIC TRACTION ELEVATOR	8 1/2X11 – 14 sheets	Rev. 1 – 12.13.24
7.	C-102 – SITE DEMOLITION PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
8.	C-301 – SITE LAYOUT PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
9.	C-302 – GRADING & DRAINAGE PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
10.	C-303 – SITE UTILITY PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
11.	S-100 – GENERAL NOTES	30x42 – 1 sheet	Rev. 1 – 12.13.24
12.	S-101 – GENERAL NOTES	30x42 – 1 sheet	Rev. 1 – 12.13.24
13.	S-102 – TYPICAL DETAILS	30x42 – 1 sheet	Rev. 1 – 12.13.24
14.	S-104 – TYPICAL DETAILS	30x42 – 1 sheet	Rev. 1 – 12.13.24
15.	S-105 – TYPICAL DETAILS	30x42 – 1 sheet	Rev. 1 – 12.13.24
16.	S-106 – BRACING ELEVATIONS AND DETAILS	30x42 – 1 sheet	Rev. 1 – 12.13.24
17.	S-107 – BRACING ELEVATIONS	30x42 – 1 sheet	Rev. 1 – 12.13.24
18.	S-201 – FOUNDATION AND LEVEL 1 PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
19.	S-202 – 2nd FLOOR FRAMING PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
20.	S-203 – ROOF FRAMING PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
21.	S-204 – FOUNDATION AND ROOF FRAMING PLAN (GARAGE)	30x42 – 1 sheet	Rev. 1 – 12.13.24
22.	S-301 – FOUNDATION SECTIONS	30x42 – 1 sheet	Rev. 1 – 12.13.24
23.	S-302 – 2nd FLOOR SECTIONS	30x42 – 1 sheet	Rev. 1 – 12.13.24
24.	S-303 – 2nd FLOOR SECTIONS	30x42 – 1 sheet	Rev. 1 – 12.13.24
25.	S-304 – WALKWAY SECTIONS	30x42 – 1 sheet	Rev. 1 – 12.13.24
26.	S-308 – BALCONY & REGIONS INFILL SECTION	30x42 – 1 sheet	Rev. 1 – 12.13.24
27.	AD-101 – 1st FLOOR DEMOLITION PLAN – CITY HALL	30x42 – 1 sheet	Rev. 1 – 12.13.24
28.	AD-105 – PHASING PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
29.	AD-106 – DEMOLITION PHOTOS	30x42 – 1 sheet	Rev. 1 – 12.13.24
30.	A-109 1ST FLOOR PLAN - CITY COUNCIL	30x42 – 1 sheet	Rev. 2 – 12.13.24
31.	A-124 1ST FLOOR RCP - CITY COUNCIL	30x42 – 1 sheet	Rev. 2 – 12.13.24
32.	A-125 2ND FLOOR RCP - CITY COUNCIL	30x42 – 1 sheet	Rev. 2 – 12.13.24
33.	A-202 – EXTERIOR ELEVATIONS – CITY COUNCIL	30x42 – 1 sheet	Rev. 1 – 12.13.24

34.	A-602 CH - 1ST FLOOR ENLARGED ELEVATIONS	30x42 – 1 sheet	Rev. 2 – 12.13.24
35.	A-609 CC - 1ST FLOOR ENLARGED PLANS & ELEVATIONS	30x42 – 1 sheet	Rev. 2 – 12.13.24
36.	A-621 – ENLARGED INTERIOR DETAILS	30x42 – 1 sheet	Rev. 1 – 12.9.24
37.	A-622 – ENLARGED INTERIOR DETAILS	30x42 – 1 sheet	Rev. 1 – 12.9.24
38.	A-700 – 1 FINISH SCHEDULE	30x42 – 1 sheet	Rev. 2 – 12.13.24
39.	A-701 – 1st FLOOR FINISH PLANS – CITY HALL	30x42 – 1 sheet	Rev. 1 – 12.9.24
40.	A-801 – PARTITION SCHEDULE	30x42 – 1 sheet	Rev. 1 – 12.13.24
41.	A-802 – DOOR SCHEDULE	30x42 – 1 sheet	Rev. 2 – 12.13.24
42.	A-803 – CURTAINWALL AND STOREFRONT SCHEDULES	30x42 – 1 sheet	Rev. 1 – 12.13.24
43.	A-805 – SIGNAGE DETAILS & ELEVATIONS	30x42 – 1 sheet	Rev. 1 – 12.13.24
44.	A-806 – CH – LEVEL 1 – SIGNAGE PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
45.	A-807 – CH – LEVEL 2 – SIGNAGE PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
46.	A-808 – CH – LEVEL 3 – SIGNAGE PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
47.	A-809 – CC – LEVEL 1 – SIGNAGE PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
48.	A-810 – CC – LEVEL 2 – SIGNAGE PLAN	30x42 – 1 sheet	Rev. 1 – 12.13.24
49.	M-004 – MECHANICAL CONTROLS & DETAILS	30x42 – 1 sheet	Rev. 1 – 12.13.24
50.	M-202 – MECHANICAL 1st FLOOR PLAN – CITY COUNCIL	30x42 – 1 sheet	Rev. 1 – 12.13.24
51.	M-203 – MECHANICAL 2nd FLOOR PLAN – CITY COUNCIL	30x42 – 1 sheet	Rev. 1 – 12.13.24
52.	M-303 – MECHANICAL PIPING – 2nd FLOOR PLAN – CITY COUNCIL	30x42 – 1 sheet	Rev. 1 – 12.13.24
53.	FP-001 – FIRE PROTECTION SCHEDULES AND DETAILS	30x42 – 1 sheet	Rev. 1 – 12.13.24
54.	P-001 – PLUMBING SCHEDULES AND NOTES	30x42 – 1 sheet	Rev. 1 – 12.13.24
55.	P-202 – NON-PRESSURE PIPING – 3rd FLOOR PLAN – CITY HALL	30x42 – 1 sheet	Rev. 1 – 12.13.24
56.	P-301 – PRESSURE PIPING – 2nd FLOOR PLAN – CITY HALL	30x42 – 1 sheet	Rev. 1 – 12.13.24
57.	P-302 – PRESSURE PIPING – 3rd FLOOR PLAN – CITY HALL	30x42 – 1 sheet	Rev. 1 – 12.13.24
58.	P-303 – PRESSURE PIPING – 1st FLOOR PLAN – CITY COUNCIL	30x42 – 1 sheet	Rev. 1 – 12.13.24
59.	E-008 – ELECTRICAL PANELBOARD SCHEDULES – NEW PANELS	30x42 – 1 sheet	Rev. 1 – 12.13.24
60.	E-302 – ELECTRICAL LIGHTING 1st FLOOR PLAN – CITY COUNCIL	30x42 – 1 sheet	Rev. 1 – 12.13.24
61.	E-400 – ELECTRICAL 1st & 2nd FLOOR PLANS – CITY HALL	30x42 – 1 sheet	Rev. 1 – 12.13.24
62.	E-403 – ELECTRICAL 2nd FLOOR PLAN – CITY COUNCIL	30x42 – 1 sheet	Rev. 1 – 12.13.24
63.	T-005 – TECHNOLOGY – DETAILS	30x42 – 1 sheet	Rev. 2 – 12.13.24
64.	T-007 – TECHNOLOGY – ACS SCHEDULE	30x42 – 1 sheet	Rev. 2 – 12.13.24
65.	T-400 – TECHNOLOGY – COMM – 1ST & 2ND FLOOR PLAN – CITY HALL	30x42 – 1 sheet	Rev. 2 – 12.13.24
66.	T-402 – TECHNOLOGY – COMM – 1ST FLOOR PLAN – CITY COUNCIL	30x42 – 1 sheet	Rev. 2 – 12.13.24
67.	REGIONS BUILDING – EXISTING DRAWINGS	24x36 – 48 sheets	
68.	MERRILL LYNCH BUILDING – EXISTING DRAWINGS	24x36 – 30 sheets	

END OF ADDENDUM #2

Gadsden City Hall — **Gadsden, AL**

WBA: 23-083

Master #	DATE	FROM	DWG./ SPEC	QUESTION	CLARIFICATION	Dwg./ Spec. Change?	Add. #	Date Add. Issued	TRADE
1	11/26/24	P&C Construction	08 7100 - Door Hardware	Specifications Table of Contents lists Section 08 7100 - Door Hardware. However, this Section is missing from the specifications. Please provide specification section	Specification Section 08 7100 - Door Hardware has been issued in it's entirety in Addendum #2.	Yes	2	12/9/2024	Architecture
2	11/26/24	Dominguez Persons	LS-001	Please clarify if sprayed fireproofing is required, and if required-where is it required. Sheet LS001-Chapter 6 calls for Type IIB - which requires 0 hourly rating for structural frame, floor construction and ceiling construction, but shows 1 hour rating for floor construction and roof construction. Please clarify how the 1 hour rated roof and floor construction is to be provided and where it is to be provided.	LS-001 code summary has been updated to correctly show floor and roof construction as requiring 0-hours of fire resistance	Yes	2	12/9/2024	Architecture
3	11/27/24	P&C Construction	Missing Specification	The following specification sections are listed in the specification table of contents, but there are no specification for the sections: 07 5200 - Modified Bituminous Membrane Roofing, 07 7600 - Pedestal Supported Deck Paver System, 08 7100 - Door Hardware. Please provide missing specification sections.	Specification Sections 07 1400 BSD Fluid Applied Roof and WP has been issued as part of addendum 2. Previous section 07 5200 - Modified Bituminous Membrane Roofing has been removed from the project. Specification Section 07 7600 - User Pedestal Paver System has been issued as part of addendum 2. Specification Section 08 7100 - Door Hardware System has been issued as part of addendum 2.	Yes	2	12/9/2024	Architecture
4	11/27/24	P&C Construction	Missing Specification	Specificaitons sections for the following items are not included in the project specifications: specifications for aluminum rolling door shown on drawing A-802 as door type D10. Specifications for elevators shown on structural and architectural drawings	Specification Section 08 3613 - SECTIONAL DOORS has been added to the project manual as part of Addendum #3	Yes	3	12/13/2024	Architecture
5	11/27/24	P&C Construction	Drawing Index	The following drawings are not listed on the Drawing Index on Drawing G-000: AD-104, AD-105, A-609, A-610, A-621, A-801	Sheet index has been updated to include sheets AD-104, AD-105, A-609, A-610, A-621, A-801	Yes	2	12/9/2024	Architecture
6	11/27/24	P&C Construction	Drawing Index	The following drawings are listed on the Drawing Index on Drawing G-000, but are missing from the downloaded drawings: A-100, A-101, A-102, A-103, P-101	Sheets A-100, A-101, A-102, A-103 have been issued as part of Addendum #2. Sheet P-101 has been removed from the sheet index.	Yes	2	12/9/2024	Architecture
7	11/27/24	P&C Construction	Specification Section 01 1000	Specification Section 01 1000, Part 1.06 references Mobile County Sportsplex. Please delete all references to the Mobile County Sportsplex	All references to Mobile County Sportsplex have been removed from the specification. Section 01 1000 summary has been reissued in addendum 2.	Yes	2	12/9/2024	Architecture
8	11/27/24	P&C Construction	Specification Section 01 3100	Specification Section 01 3100, Part 3.01 states Newforma Project Cloud is the required submittal service for this project. Is Procore an acceptable alternate	Procore is an acceptable alternate.	No		12/9/2024	Architecture
9	11/27/24	P&C Construction	Specification Section 06 4100	Specification Section 06 4100, Part 1.06, A1 states the fabricator must be an "accredited participant in the specified certification program prior to commencement of fabrication and throughout the duration of the project." There is no specified certification program listed, and Part 1.06 A only requires the fabricator to have 5 years of documented experience. Please delete the requirement to be an accredited participant in the unnamed specified certification program.	The requirements of this section are for the fabricator to be certified by AWI	No	3	12/13/2024	Architecture
10	11/27/24	P&C Construction	Substitution Request: Section 05 7000	Request for Section 05 7000 Architectural Railings submitted on behalf of HDI Railings.	This product has been rejected as a substitution.	No	3	12/13/2024	Architecture
11	12/03/24	Dominguez Persons	08 7100 - Door Hardware	Please provide the door hardware schedule.	Specification Section 08 7100 - Door Hardware has been issued in it's entirety in Addendum #2. Sheet A-802 - DOOR SCHEDULE has been updated to include hardware sets as part of the door schedule	Yes	2	12/9/2024	Architecture
12	12/03/24	Dominguez Persons	A-200	On page A-200 it calls for stainless steel letters on the building and it says the font and size TBD. Will we be told the size for the letters to accurately know what to quote or will we be provided an allowance for this item? Please confirm the back lit letters in Lobby 102 and Lobby 200 are not part of this project. Noticed the plan calls for the signage by others.	Drawings A-805 through A-810 have been added to the bid documents to clarify size and locations of signage.	Yes	3	12/13/2024	Architecture
13	12/03/24	Dominguez Persons		Is this project Davis Bacon Wage Rate and Buy American Act Requirement	No. This project will not require Davis Bacon Wage Rate or Buy American Act.	No	2	12/9/2024	Architecture
14	12/03/24	Dominguez Persons	C-301	On the civil pages, on the legend, should item "D" on C-301 is meant to be labeled as item "E". Please advise.	Yes you are correct. Item "D" shown in locations of "Medium Duty Bituminous Pavement" should be labeled as Item "E". This will be corrected in the next addendum.	Yes	3	12/13/24	Civil
15	12/03/24	Dominguez Persons		There is an AWI Certification (American Woodworking Institute) listed in the spec book. Would this be considered being removed to allow for competitive pricing on the cabinetry and woodwork for the project	Provide AWI certification as specified.	No	3	12/13/2024	Architecture
16	12/03/24	Dominguez Persons	Substitution Request: Section 05 7000	Request for Section 05 7000 Architectural Railings submitted on behalf on VIVA Railings	Rejected	No	3	12/13/2024	Architecture
17	12/03/24	Dominguez Persons	Substitution Request: Section 28 4600	Request for Substitution of Section 28 4600 - Part 4 to include Edwards EST4 as an authorized dealer of listed fire alarm systems	This product has been approved.	No	3	12/13/2024	Architecture
18	12/04/24	P&C Construction	Specification Section 10 2800	Provide model number for toilet paper holder and soap dispenser.	Toilet paper holder and soap dispenser model numbers have been added to the toilet accessory legend on all finish plan sheets.	Yes	2	12/9/2024	Interiors
28	12/04/24	P&C Construction	Specification Section 07 4213	Specification Section 074213.23 covers the ACM on the project. The mechanical screen wall is a profiled single skin metal panel, not an insulated panel which is typically in Specification Section 074213.13. It is two completely different materials. However in Section 074213.23, Part 2.02 C they are specifying the "Perforated" panels which are the mechanical screen panels on this project; however, those panels are not	Pac-Clad HWP-16C 24 GA is to be used as the basis of design.	No	3	12/13/24	Architecture
29	12/04/24	P&C Construction	Drawing A-802	Reviewing the Door Schedule on Drawing A/802, we find the following doors are not shown on the Door Schedule: •CH101 •CH102 •CH111 shown in Storage Room 110 •CH112 is listed twice, but different doors. Which CH112 is correct? •CC122B-City Council Corridor to Exterior •138-City Hall 2nd Floor at Closet 128 •CH211-Mayor's Office to Balcony	All doors and hardware sets have been added to sheet A-802. Sheet has been reissued as part of addendum 2.	Yes	2	12/9/2024	Architecure
30	12/04/24	Dominguez Persons		Most roofing contractors will not install the hot rubberized asphalt roofing underneath the roof pavers. Can this be changed to TPO so that the roof is all under one warranty?	Hot rubberized asphalt roofing is to be provided per the contract documents and specifications.	No	3	12/13/24	Architecture
31	12/04/24	Clements Dean	Drawings AD-104, A-124 & A-125	The architectural demo plans (AD-104) shade the Merrill Lynch building and say no work in scope other than the tie-in. However, the RCP plans (A-124, A-125) for the new City Council building appear to show new ceilings in the Merrill Lynch building as well. Please clarify the extent of demolition/new work for the Merrill Lynch building.	There is no new work within the Merrill Lynch building besides the bridge tie-in, fire alarm replacement and fire suppression updates within the roof of the building. The RCPs have been updated to show this area as not in scope.	Yes	3	12/13/24	Architecture
32	12/04/24	Clements Dean		Is there asbestos in the project? If encountered, will it be handled by a change order or by the owner?	There is not anticipated to be any asbestos on the project.	No	3	12/13/24	Architecture

Gadsden City Hall — **Gadsden, AL**

WBA: 23-083

Master #	DATE	FROM	DWG./ SPEC	QUESTION	CLARIFICATION	Dwg./ Spec. Change?	Add. #	Date Add. Issued	TRADE
34	12/04/24	Clements Dean	Signage	There is a spec section for signage, but the drawings or specs do not indicate quantities or locations for the different types of signs. Please provide a schedule with quantities for the types of signage, or show on the drawings. Or, provide an allowance to be figured out at a later date.	Drawings A-805 through A-810 have been added to the bid documents to clarify size and locations of signage.	Yes	3	12/13/24	Architecture
35	12/04/24	Dominguez Persons	Drawing A-802	I don't see CH101, CH102, CH211, CC122B on the door schedule. Please Advise Door CC264 is single door on a balcony, but the door schedule shows it as a pair of wood doors.	All doors and hardware sets have been added to sheet A-802. Sheet has been reissued as part of addendum 2.	Yes	2	12/09/24	Architecture
36	12/05/24	Dominguez Persons	Drawing A-524	There is currently no spec section for the single skin metal panels on the Perforated Roof Screen (Ref. Detail 6/A5.21). We need a basis of design for this metal panel? ACM Manufacture suggests Pac-Clad HWP-12 or HWP-16 because the profiles match what is drawn and Pac-Clad will allow there materials to be perforated. The typical Specification Section for these single skin panels is 074213.13.	Pac-Clad HWP-16C 24 GA is to be used as the basis of design.	No	3	12/13/24	Architecture
37	12/05/24	Dominguez Persons		Are the Card Readers part of the project? Security company noticed they were called out on the door schedule as well as automatic openers. If Card Readers are part of this project please provide spec section or will these be provided by the owner and GC is to be responsible for pulling electrical wires.	All technology drawings have been issued as part of addenedum 2. As well as an updated door schedule and hardware sets.	Yes	2	12/09/24	Technology
38	12/05/24	Dominguez Persons		Please provide the elevator spec section. Will there be a machine room next to the elevator in the closet electric room 0124? Will the other building elevators be upgraded or modernized?	Specification section 14 2123 - ELECTRIC TRACTION ELEVATOR has been added to the project manual as part of Addendum #3	Yes	3	12/13/24	Architecture
39	12/06/24	Dominguez Persons	Substitution Request: Section 07 4213.23 ACM Panels	Request to add CCS Image Group to list of fabricators.	CCS is approved to be added to the list of fabricators	No	3	12/13/24	Architecture
40	12/06/24	Dominguez Persons	ACT Ceiling	ACT ceiling company wanted to bring to attention that interlude grid systems with linear recessed lights is going to be difficult to achieve. I do not believe that they will be compatible. Dimensional grid must lock together in factory-to-factory connections. We would have to have cross tees that are made specifically to do so.	Per correspondance with both the lighting and ceiling reps the specified light fixtures are compatible with the specified ceiling system.	No	3	12/13/24	Interiors
41	12/06/24	Clements Dean	Specification 06 4100	Specification section 064100 for Architectural Wood Casework is requiring labels or certificates as required by the AWS/NAAWS certification program. This is limiting a lot of companies from bidding because of these requirements. Will you guys stand firm on these requirements or can there be some wiggle room to promote competition?	Provide AWI certification as specified.	No	3	12/13/24	Architecture
42	12/06/24	Dominguez Persons		In reviewing the spec documents, I came across Page 4 of contract documents which states that the notary must be located in the County of Etowah. Please confirm if any Alabama State Notary will be acceptable.	Any Alabama State notary will be acceptable.	No	2	12/9/2024	Architecture
43	12/06/24	Dominguez Persons	Specification Division 27	Please confirm the TVs are not part of the project, the plan page A-611 calls for AV sheets for the TV spec. Table of contents in spec book says Division 27 is not used. Please advise.	All technology drawings have been issued as part of addenedum 2. As well as an updated door schedule and hardware sets.	Yes	2	12/09/24	Technology
44	12/10/24	Dominguez Persons	Door Schedule	Interior Door Companies wanted to know if the job would be pushed back since the door hardware was provided yesterday afternoon. CH107 – listed as WD Material on the Door Schedule, but D4 (Double Glass Doors) as the Door Type…Please advise which is correct.	CH107 - Is to be Door Type D1. Opening CH211 – hardware has been updated to be CC-AL-03. CC238, CC253, and CC257 has been revised to be Door Type D5.	Yes	3	12/13/24	Architecture
45	12/10/24	Dominguez Persons	Curtainwall & Glazing Specs	The glazing systems specified are impact/wind borne debris systems. Curtainwall, storefront and doors. The glass specified is 1" insulated non-impact. Please advise if this correct?	Glazing is to be 1" insulated non-impact.	No	3	12/13/24	Architecture
46	12/10/24	Dominguez Persons	Drawing 3/A-601	On elevation 3/A-601 for the lobby millwork, for SS-1 for the countertop. There isn't an SS-1 in the finish schedule, just the 2 quartz, QZ-1 & QZ-2. Please advise.	SS-1 has been added to the finish schedule. Sheet A-700 FINISH SCHEDULE has been updated and included as part of addendum #3.	Yes	3	12/13/24	Interiors
47	12/11/24	P&C Construction	Drawing 3/A-300	1. Reference Detail 3/A300 and the graphic "G" logo above "Gadsden City Hall": please provide clarification on the logo: type material, etc.	Drawings A-805 through A-810 have been added to the bid documents to clarify size and locations of signage.	Yes	3	12/13/24	Architecture
20	12/04/24	P&C Construction	Specification Section 10 2800	Provide model number for mirrors. Part 2.04, B. 4 describes a tilt mirror, but tilt mirror not available in 24" x 48" and 36" and 84" sizes shown on the drawings. Do you want a standard framed mirror?					Interiors
23	12/04/24	P&C Construction	Specification Section 10 2800	Mirrors are specified in Section 10 2800 and also in Section 08 8300. We assume the mirrors in Section 10 2800 are shown on the Toilet Accessory Legend shown on Drawings A-605, A-613 thru A-617. Which mirrors are specified in Section 08 8300?					Interiors
25	12/04/24	P&C Construction	Drawings A-122 & A-125	Please provide specifications for the window treatments shown on Drawings A-122 and A-125.					Interiors
33	12/04/24	Clements Dean	Drawing 3&4/A-514	At precast panel conditions similar to details 3&4/A514 at storefront windows, our manufacturers are telling us 1 5/8" precast panels are too thin to produce. They will require a minimum of 3 5/8" thick panels. Can this detail be worked out so that the panels can be made in 3 5/8" thicknesses?					Architecture
48	12/13/24	Dominguez Persons	Substitution Request For Specification Section 28 1000 - Access Control	Substitution Request to have Avigilon added as an approved manufacturer					Architecture
49	12/13/24	Dominguez Persons	Drawing AD-103	Plumbing subcontractors is asking for clarification on the Demo Plan for the 3rd Floor between the AD and P pages.					Architecture/Plumbing

ST: EXC-01
11/23

ALABAMA DEPARTMENT OF REVENUE
SALES AND USE TAX DIVISION
P.O. Box 327710 • Montgomery, AL 36132-7710

Application For
Sales and Use Tax Certificate of Exemption

FOR GOVERNMENT ENTITY PROJECT

This Certificate of Exemption will be limited to purchases which qualify for an exemption of sales and use taxes pursuant to Rule No. 810-6-3-.77

PROJECT INFORMATION:

PROJECT NAME				PROJECT OWNER'S FEIN (EXEMPT ENTITY)
STREET ADDRESS OF PROJECT (CITY AND COUNTY INCLUDED)	CITY	ZIP	COUNTY	

APPLICANT'S INFORMATION:

RELATION: *(CHOOSE ONE)*

☐ Government Entity ☐ Statutorily Exempt Entity ☐ General Contractor ☐ Subcontractor

APPLICANT'S LEGAL NAME				FEIN
DBA				CONSUMER'S USE TAX ACCOUNT NUMBER
MAILING ADDRESS: STREET	CITY	STATE	ZIP	COUNTY

CONTACT PERSON	BUSINESS TELEPHONE NUMBER
	( )

EMAIL ADDRESS

PROJECT START DATE	PROJECT END DATE

WILL THE APPLICANT HAVE ANY SUBCONTRACTORS ON THIS JOB?	NAME OF PARTY TO THE CONTRACT
☐ Yes ☐ No If yes, please attach list.	

JOB DESCRIPTION

WILL ANY POLLUTION CONTROL EXEMPTION BE APPLICABLE?	ESTIMATED POLLUTION CONTROL COST
☐ Yes ☐ No	$

TOTAL PROJECT BID AMOUNT (APPLICANT'S PORTION OF PROJECT)	LABOR COST (APPLICANT'S PORTION OF PROJECT)	MATERIAL COST (APPLICANT'S PORTION OF PROJECT)
$	$	$

REVENUE DEPARTMENT USE ONLY

PENDING DOCUMENTATION / INFORMATION:

☐ GCL ☐ SBL ☐ Contract / NTP / LOI ☐ LOS ☐ Project Dates / Breakdown of Costs

Contact Dates: _____ Received Date: _____

_____ Forwarded for Denial: _____

PROJECT NAME

PROJECT OWNER'S FEIN (EXEMPT ENTITY)

FORM OF OWNERSHIP:

☐ Individual ☐ Partnership ☐ Corporation ☐ Multi member LLC ☐ Single member LLC ☐ Government Entity

If applicant is a corporation, a copy of the certified certificate of incorporation, amended certificate of incorporation, certificate of authority, or articles of incorporation should be attached. If the applicant is a limited liability company or a limited liability partnership, a copy of the certified articles of organization should be attached.

OWNERSHIP INFORMATION:

Corporations – give name, title, home address, and Social Security Number of each officer.

Partnerships – give name, home address, Social Security Number or FEIN of each partner.

Sole Proprietorships – give name, home address, Social Security Number of owner.

LLC – give name, home address, and Social Security Number or FEIN of each member.

LLP – give name, home address, and Social Security Number or FEIN of each partner.

NAME *(PLEASE PRINT)*

SIGNATURE

TITLE

DATE

REVENUE DEPARTMENT USE ONLY

PENDING OTHER:

☐ Government Entity ☐ General Contractor ☐ Not on LOS

Contact Dates: _____ Received Date: _____

_____ Forwarded for Denial: _____

Examiner's Remarks _____

Examiner _____ Date _____

Instructions For Preparation of Form ST: EXC-01
Sales and Use Tax Certificate of Exemption for Government Entity Project

NOTE: Exemption Certificates will be issued as of the project start date or the received date of the application. If, upon receipt of the application, the project has already commenced, the certificate will be issued as of the received date of the application. Any purchases made prior to the issuance of a certificate will not be exempt.

In order to expedite the processing of your application, please include the following documentation when submitting your application:

Exempt Entity:
1. Signed Application
2. Copy of Executed/Signed Contract, Letter of Intent, Notice of Award, and/or Notice to Proceed

General Contractor:
1. Signed Application
2. Copy of Executed/Signed Contract, Letter of Intent, Notice of Award, and/or Notice to Proceed
3. List of Subcontractors
4. Alabama Board of General Contractor's License
5. State/County Business License (usually obtained through county probate office)

Subcontractor:
1. Signed Application
2. Alabama Board of General Contractor's License
3. State/County Business License (usually obtained through county probate office)
4. List of Subcontractors (if any)

General contractors and subcontractors:
- Any additions and/or deletions to the list of subcontractors working on a project must be submitted to the Department within 30 days of occurrence.
- If an extension is needed for a project, please contact the Department of Revenue at the address, number, or email listed below. Extension requests should be submitted no more than 30 days after expiration date.
- Subcontractors Project Start Date should be the date they will begin working on the project and ordering materials

The application and required documentation may be mailed, faxed, or emailed to the following:

Fax: (334) 353-7867

Email: STContractorsExempt@revenue.alabama.gov

Mailing Address: ATTN: Contractor's Exemption
Alabama Department of Revenue
Sales & Use Tax Division
Room 4303
PO Box 327710
Montgomery, AL 36132-7710

ACCOUNTING OF SALES TAX
Attachment to DCM Form C-3: Proposal Form

To: _____ Date: _____
(Awarding Authority)

NAME OF PROJECT _____

_____

SALES TAX ACCOUNTING

Pursuant to Act 2013-205, Section 1(g) the Contractor accounts for the sales tax NOT included in the bid proposal form as follows:

		ESTIMATED SALES TAX AMOUNT
BASE BID:		$_____
Alternate No. 1 (.....) (Insert key word for Alternate)	☐(add) ☐(deduct)	$_____
Alternate No. 2 (.....)	☐(add) ☐(deduct)	$_____
Alternate No. 3 (.....)	☐(add) ☐(deduct)	$_____
Alternate No. 4 (.....)	☐(add) ☐(deduct)	$_____
Alternate No. 5 (.....)	☐(add) ☐(deduct)	$_____
Alternate No. 6 (.....)	☐(add) ☐(deduct)	$_____

Failure to provide an accounting of sales tax shall render the bid non-responsive. Other than determining responsiveness, sales tax accounting shall not affect the bid pricing nor be considered in the determination of the lowest responsible and responsive bidder.

Legal Name of Bidder _____

Mailing Address _____

***By (Legal Signature)** _____

*Name (type or print) _____ *(Seal)*

*Title _____

Telephone Number _____

Email Address _____

Note: A completed DCM Form C-3A: Accounting of Sales Tax must be submitted with DCM Form C-3: Proposal Form. Submission of DCM Form C-3A with DCM Form C-3 is required, it is not optional. A proposal shall be rendered non-responsive if an Accounting of Sales Tax is not provided.

SECTION 08 3613 - SECTIONAL DOORS

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Insulated, overhead sectional doors, with electric operation.

B. Operating hardware and supports.

C. Electrical controls.

1.02 RELATED REQUIREMENTS

A. Section 05 5000 - Metal Fabrications: Steel channel opening frame.

B. Section 07 9005 - Joint Sealers: Perimeter sealant and backup materials.

C. Section 08 7100 - Door Hardware: Lock cylinders.

D. Section 09 9000 - Painting and Coating: Finish painting.

E. Section 22 0513 - Common Motor Requirements for Plumbing Equipment.

F. Section 26 0534 - Conduit: Empty conduit from control units to door operator.

G. Section 26 2717 - Equipment Wiring.

1.03 REFERENCE STANDARDS

A. ASTM A 653/A 653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2005a.

B. ASTM E330 - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference; 2002.

C. DASMA 102 - American National Standard Specifications for Sectional Overhead Type Doors; Door & Access Systems Manufacturers' Association, International; 2004.

D. NFPA 70 - National Electrical Code; National Fire Protection Association; 2005.

1.04 SUBMITTALS

A. See Section 01 3000 - Administrative Requirements, for submittal procedures.

B. Shop Drawings: Indicate opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.

C. Product Data: Show component construction, anchorage method, and hardware.

D. Samples: Submit two panel finish samples, 6x6 inch (mm) in size, illustrating color and finish.

E. Operation Data: Include normal operation, troubleshooting, and adjusting.

F. Maintenance Data: Include data for motor and transmission, shaft and gearing, lubrication frequency, spare part sources.

G. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.05 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum ten years of documented experience.

B. Installer: Company specializing in performing the work of this section approved by manufacturer.

C. Conform to applicable code for motor and motor control requirements.

D. Products Requiring Electrical Connection: Listed and classified by Underwriters Laboratories, Inc., as suitable for the purpose specified.

E. Single-Source Responsibility: Provide doors, tracks, motors, and accessories from on manufacturer for each type of door. Provide secondary components from source acceptable to manufacturer of primary components.

F. Pre-Installation Conference: convene proior to commencement of field operations.

1.06 WARRANTY

A. See Section 01 7800 - Closeout Submittals for warranty requirements.

B. Correct defective Work within a five year period after Date of Substantial Completion.

C. Warranty: Include coverage for electric motor and transmission.

D. Provide five year manufacturer warranty for electric operating equipment.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Overhead Door Company; Product Model 418 ; Extra Heavy Duty insulated sectional steel doors.

B. Other Acceptable Manufacturers:
   1. Fimbel Door Corp: www.fimbeldoor.com.
   2. Clopay Building Products Company, Inc: www.clopaydoor.com.
   3. Wayne-Dalton Corporation: www.waynedalton.com.
   4. Substitutions: See Section 01 6000 - Product Requirements.

2.02 STEEL DOOR COMPONENTS

A. Steel Doors: Flush steel, insulated; standard lift operating style with track and hardware; complying with DASMA 102, Commercial application.
   1. Performance: Withstand positive and negative wind loads equal to 1.5 times design wind loads specified by local code without damage or permanent set, when tested in accordance with ASTM E330, using 10 second duration of maximum load.
   2. Door Nominal Thickness: 2 inches (50 mm) thick.
   3. Operation: Electric.

B. Door Panels: Flush steel construction; Galvanized outer steel sheet of 0.0635 inch (2 mm) thick, flat profile; inner Galvanized steel sheet of 0.058 inch (1.5 mm) thick, flat profile; core reinforcement of 0.205 inch (6 mm) thick sheet steel roll formed to channel shape, rabbeted weather joints at meeting rails; insulated.

2.03 DOOR COMPONENTS

A. Track: Rolled galvanized steel, 0.090 inch (2.3 mm) thick; 2 inch (50 mm) wide, continuous one piece per side; galvanized steel mounting brackets 1/4 inch (6 mm) thick.

B. Hinge and Roller Assemblies: Heavy duty hinges and adjustable roller holders of galvanized steel; floating hardened steel bearing rollers, located at top and bottom of each panel, each side.

C. Lift Mechanism: Torsion spring on cross head shaft, with braided galvanized steel lifting cables.
   1. For Manual Operation: Requiring maximum exertion of 25 lbs (110 N) force to open.

D. Sill Weatherstripping: Resilient hollow rubber strip, one piece; fitted to bottom of door panel, full length contact.

E. Jamb Weatherstripping: Roll formed steel section full height of jamb, fitted with resilient weatherstripping, placed in moderate contact with door panels.

F. Head Weatherstripping: EPDM rubber seal, one piece full length.

G. Panel Joint Weatherstripping: Neoprene foam seal, one piece full length.

H. Lock: Inside center mounted, adjustable keeper, spring activated latch bar with feature to retain in locked or retracted position; interior and exterior handle.

I. Lock Cylinders: Keyed alike.

2.04 MATERIALS

A. Sheet Steel: Hot-dipped galvanized steel sheet, ASTM A653/A653M, with G60/Z180 coating, plain surface.

B. Insulation: Fibrous glass batt, unfaced, bonded to facing.
   1. R value of 7.35.
   2. Same thickness as core framing members.

2.05 ELECTRICAL OPERATION

A. Motor: Size and type as recommended by manufacturer to move door not less thatn 2/3 foot nor more thatn 1 foot per second. Comply with requirements of Section 22 0513.

B. Wiring Terminations: Provide terminal lugs to match branch circuit conductor quantities, sizes, and materials indicated. Enclose terminal lugs in terminal box sized to NFPA 70.

C. Disconnect Switch: Factory mount disconnect switch in control panel.

D. Electric Operator: Side mounted on cross head shaft, adjustable safety friction clutch; brake system actuated by independent voltage solenoid controlled by motor starter; enclosed gear driven limit switch; enclosed magnetic cross line reversing starter; mounting brackets and hardware.

E. Safety Edge: At bottom of door panel, full width; electro-mechanical sensitized type, wired to stop door upon striking object; hollow neoprene covered to provide weatherstrip seal.

F. Control Station: Standard three button (open-close-stop) momentary type control for each electric operator.
   1. 24 volt circuit.
   2. Surface mounted.

G. Accessories: The specified garage doors are to work in tandem for one-way drive-thru capability by utilizing the following features -
   1. Provide two (2) hands-free vehicle detectors using a fob or cell phone device that automatically opens the door on the north side of the garage upon approach by certain, specified vehicles or users that have these devices installed without requiring input of an entry code.
   2. Provide remote control opening device feature that requires the input of an entry code using a cell phone app for use by vehicles or users that do not have the hands-free, vehicle detectors listed in Item 1 installed.
   3. Provide vehicle sensors to open the door on the south side of the garage automatically from inside the garage thereby allowing all vehicles to drive-thru "hands-free" without the need to depress a button or keypad and closing automatically upon the passage of the vehicle through the opening.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that wall openings are ready to receive work and opening dimensions and tolerances are within specified limits.

B. Verify that electric power is available and of the correct characteristics.

3.02 PREPARATION

A. Prepare opening to permit correct installation of door unit to perimeter air and vapor barrier seal.

3.03 INSTALLATION

A. Install door unit assembly in accordance with manufacturer's instructions.

B. Anchor assembly to wall construction and building framing without distortion or stress.

C. Fit and align door assembly including hardware.

SECTION 14 2123

ELECTRIC TRACTION ELEVATOR

PART 1 – GENERAL

1.01 SECTION INCLUDES

A. Machine Roomless (MRL) Electric traction passenger elevator.

B. All equipment, labor permits required for satisfactorily complete new elevator installation as required by contract documents. All equipment to be non-proprietary and part are to be readily available to Owner to acquire.

C. Applicable condition of Division 0 General, Special and Supplementary Conditions, and Division 1 General Requirements.

D. Warranty and maintenance as specified herein.

1.02 RELATED SECTIONS

A. Section 01 5000 – Temporary Facilities and Controls: Protection of floor openings and personnel barriers; temporary power and lighting.

B. Section 03 3000 – Cast-in-Place Concrete: Elevator pits.

C. Section 03 6000 – Grouts (Grouting): Grouting door frames and sills.

D. Section 04 2000 – Masonry Units (Unit Masonry): Setting sleeves, inserts, and anchoring devices in masonry for guide-rail brackets.

E. Section 05 1200 – Metal Stairs Structural Steel (Structural Steel Framing): Support steel, divider beams, and hoist beams.

F. Section 05 5000 – Gypsum Metal Fabrications: Pit ladders, supports for entrances in drywall hoistways.

G. Section 06 1053 – Miscellaneous Rough Carpentry: Temporary platform assembly.

H. Section 07 1600 – Cementitious Waterproofing: Waterproofing of elevator pit.

I. Section 09 2900 – Gypsum Board: Hoistway walls.

J. Section 09 9000 – Paints and Coatings (Painting and Coating): Field painting of elevator entrances over primer.

K. Section 28 3100 – Detection and Alarm (Fire Detection and Alarm): Heat, smoke, and products of combustion sensing devices, fire alarm signal lines to contacts in machine space.

L. Section 23 0000 – Heating, Ventilating, and Air Conditioning Equipment (Heating, Ventilating, and Air-Conditioning (HVAC)): Heating, cooling, and ventilation of control and machinery space.

M. Section 26 0500 – Wiring Methods (Common Work Results for Electrical): Light outlets, convenience outlets, light switches, and conduits.

N. Section 26 2400 – Switchboards, Panelboards, and Control Centers (Switchboards and Panelboards): Disconnect switches.

O. Section 26 5000 – Lighting: Light fixtures.

P. Section 22 1429 – Sump Pumps: For sump pumps, sumps, and sump covers in elevator pits.

Q. Section 27 1500 – Communications Horizontal Cabling: For Telephone service for elevators and for Internet connection to elevator controllers for remote monitoring.

R. Section 27 3000 – Telephone and Intercommunication Equipment (Voice Communications): Telephone outlets and elevator telephones.

S. Section 31 0000 – Earthwork: Excavation of elevator pit.

1.03 REFERENCES

A. ANSI/ASME A17.1/CAN/CSA B44 – Safety Code for Elevators and Escalators.

B. ADAAG – Americans with Disabilities Act Accessibility Guidelines.

C. ANSI/NFPA 70 – National Electrical Code.

D. ANSI/NFPA 80 – Fire Doors and Windows.

E. ANSI/UL 10B – Fire Tests of Door Assemblies.

F. CAN/CSA C22.1 – Canadian Electrical Code.

G. Model and Local Building CodesH. ISO 9001: 2000 - Quality Management Systems - Requirements.

1.04 DESIGN REQUIREMENTS

A. Arrange elevator components in control closet or machinery space so equipment can be removed for repairs or replaced with minimal disturbance to other equipment and components.

B. Where permitted by code, provide all elevator equipment including controls, drives, transformers, and rescue features within the elevator hoistway.

1.05 SUBMITTALS

A. Comply with Section 01 3300 – Submittal Procedures.

B. Product Data: Submit manufacturer/installer's product data, including,

1. Descriptive brochures or detail drawings of car and hall fixtures, cab ceilings, and product features.

2. Power Information: Horsepower, starting current, running current, machine and control heat release, and electrical requirements.

C. Shop Drawings: Submit manufacturer/installer's shop drawings, including plans, elevations, sections, and details, indicating location of equipment, loads, dimensions, tolerances, materials, components, fabrication, fasteners, hardware, finish, options, accessories, and other information to render totally functional elevators.

D. Samples: Submit manufacturer/installer's samples of standard colors and finishes of finish materials.

E. Operation and Maintenance Manuals: Submit manufacturer/installer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; renewal parts catalogs; and electrical wiring diagrams.

F. Warranty: Submit manufacturer/installer's standard warranty.

G. Keys: Provide a total of three (3) sets of keys for each type of key fixture on the elevator.

H. Certificates and Permits: Provide Owner with copies of all inspection/acceptance certificates and operating permits as required by governing authorities to allow normal, unrestricted use of elevator. If any variances are required from the State of Alabama for the product installed, they shall be obtained by the Contractor and copies of such variances provided to the Owner upon completion of the job.

J. Maintenance Certification: The Contractor shall submit a written certification, signed by the Contractor and the manufacturer of the equipment, making a commitment to provide direct support to the Owner, or the Owner's elevator maintenance service representative, including availability of parts, diagnostic tools, and technical and engineering support. In addition all parts and support shall be provided at a reasonable cost in line for which the original manufacturer would charge to its own customer base and response shall be in a timely manner. This commitment shall remain in effect for a minimum of twenty-five (25) years after substantial completion of the project.

1.06 QUALITY ASSURANCE

A. Installer's Qualifications: The elevator manufacturer, or a licensee of the manufacturer, who has a record of successful experience with the installation of similar elevators. The contractors shall have, as a minimum, the following qualifications and documentation verifying these qualifications shal be submitted prior to award:

1. Minimum of five (5) years successful experience in installing and servicing similar elevator installations.

2. Installed at least ten (10) completed and accepted elevator systems of similar size, scope, logic control, and motion control required by this contract.

3. An existing in-house administrative and technical organization staffed with competent personnel who are experienced in the elevator-related work required to install and service the elevator systems specified.

B. Regulatory Requirements:

1. Elevator design, clearances, construction, workmanship, materials, and installation, unless specified otherwise, shall be in accordance with ANSI/ASME A17.1, handicap accessibility, Americans with Disabilities Act, and other codes having legal jurisdiction.

2. ANSI/ASME A17.1 shall govern, except where codes having legal jurisdiction include more rigid requirements or conflict with ANSI/ASME A17.1.

3. Elevator shall follow design and manufacturing procedures certified in accordance with ISO 9001-2000 to meet product and service requirements for quality assurance for new products.

4. Where product is in variance to the published ANSI/ASME A17.1 model code, provide a 3rd party AECO certification demonstrating equivalent function, safety, and performance.

C. Elevator and Building Codes: Except for more stringent requirements as indicated or imposed by governing regulations (which must be complied with), comply with applicable requirements of the ASME A17.1-2019 Safety Code for Elevators and Escalators hereinafter referred to as the "Elevator Code", to include obtaining all required variances to this code necessary for the specific installation of the machine room less elevator proect as required for acceptance by the State of Alabama, and the 2012 International Building Code hereinafter referred to as the "Building Code."

D. Pre-installation Meeting:

1. Convene pre-installation meeting before start of installation of elevators.

2. Require attendance of parties directly affecting work of this section, including Contractor, Architect, and elevator manufacturer/installer.

3. Review examination, installation, field quality control, adjusting, cleaning, protection, and coordination with other work.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Delivery: Deliver materials to site in manufacturer/installer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer/installer.

B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer/installer's instructions.

C. Handling: Protect materials during handling and installation to prevent damage.

1.08 PROJECT CONDITIONS

A. Temporary Electrical Power:

1. Owner will arrange for temporary 220 VAC, single-phase, 60 Hz., GFCI-protected electricity to be available for installation of elevator components.

2. Comply with Section 01 5100 – Temporary Utilities.

B. Installation of the Elevator:

1. General Contractor will provide permanent three-phase power prior to installation start.

2. General Contractor will provide clear, rollable access to a 20' x 10' secure and dry storage area prior to delivery.

3. General Contractor will provide a clean, dry, and complete hoistway along with temporary installation platform and all required OSHA-compliant barricades prior to delivery.

C. Temporary Use of Elevator:

1. Owner will negotiate with manufacturer/installer for temporary use of elevator, if required.

2. Temporary use of elevator shall be in accordance with terms and conditions of manufacturer/installer's temporary acceptance form.

1.09 SCHEDULING

A. Coordinate elevator work with work of other trades, for proper time and sequence to avoid construction delays.

1.10 WARRANTY

A. Manufacturer/installer shall guarantee materials and workmanship of equipment installed under these specifications and make good, defects not due to ordinary wear or to improper use, which may develop within 1 year after completion of installation or acceptance thereof by beneficial use, whichever is earlier.

1.11 MAINTENANCE SERVICE

A. Elevator maintenance service shall be performed by elevator manufacturer/installer.

B. Elevators shall receive periodic maintenance (every three months max.) on each unit for period of 12 months after completion of work specified herein or acceptance thereof by beneficial use, whichever is earlier. The maintenance shall consist of the following:

1. Examination of traction elevator unit.

2. Lubricating, adjusting, repairing and replacing all parts as necessary to keep equipment, including the battery packs, in a first-class condition and proper working order.

3. Furnish all lubricants and parts required.

4. Equalize tension and shortening of hoist ropes when necessary.

5. Assure smooth and consistent operation of automatic hoistway doors and car doors.

6. Asure smooth starting and stopping and accurate leveling at all times.

7. Provide all periodic annual and maintenance testing in accordance with the Elevator Code.

8. The contractor shall keep clean of all dirt and debris guide rails, tops of cars, bottom of platforms, machine rooms, elevator hoistways and pits. All cleaning supplies and equipment shall be furnished by the contractor.

9. An annual inspection, as described in the Elevator Code and/or as required by governing authorities, in the eleventh (11^{th}) month of the enw installation of maintenance perioed. Coordinate exact dates with Owner and Owner supplied State Inspector.

C. Trained employees shall make periodic examinations and perform work including necessary adjusting, greasing, oiling, and replacing parts to keep elevators in operation, except parts that require replacement because of accidents, vandalism, misuse, or negligence by parties other than manufacturer/installer.

D. Manufacturer/installer shall perform all Work, except emergency minor adjustment call-back service, during regular working hours. Manufacturer/installer shall provide emergency minor adjustment call-back service, during regular working hours.

E. Should Owner request that examinations, cleaning, lubrication, adjustments, repairs, replacements, or emergency minor adjustment call-back service, unless specified herein, be performed on other than manufacturer/installer's regular working hours of regular working days, manufacturer/installer shall absorb straight-time labor charges and Owner will compensate manufacturer/installer for overtime premium, travel time, and expense at normal billing rates.

F. Elevator Control System:

1. Include built-in remote diagnostic module to relay constant status of elevators and control system to a 24-hour, 7-days-a-week central-monitoring facility.

2. Remote Monitoring Device: Transmit information on current status of elevators, including malfunctions, system errors, and shutdown.

G. Maintenance Options
1. Regular Maintenance: During Regular Working Hours
2. Callback Service: During Regular Working Hours
3. Maintenance Period: 12 months

PART 2 – PRODUCTS

2.01 MANUFACTURER/INSTALLER

A. Basis of Design: Schindler Elevator Corporation - 3100 Gearless Traction Elevator- Machine Roomless (MRL) ; www.us.schindler.com

B. Substitutions: See Section 01 6000 - Product Requirements.

2.02 ELEVATOR SYSTEM AND COMPONENTS

A. Elevator Equipment Summary:

1. Application: Machine Room Less (MRL)

2. Counterweight Location: Side

3. Machine Location: Top of the hoistway mounted on car and counterweight guide rails

4. Control Space Location: Top landing entrance frame or entrance frame at one floor below the top landing

5. Service: General Purpose Passenger

6. Quantity: 1 Unit

7. Capacity: 3000 lbs

8. Speed: 100 fpm

9. Travel: 14' 0"

10. Landings: 2

11. Front Openings: 2

12. Rear Openings: 0

13. Rear Door Hand: N/A

14. Operation: Microprocessor Single Car Automatic Operation

15. Clear Inside Dimensions: 6' 9-5/16" Wide X 4' 10- 7/8" Deep

16. Cab Height: 7' 9"

17. Guide Rails: Equivalent to 12 lb. per foot

18. Entrance Type and Width: Single Speed Center Opening 3' 6" Wide X 7' 0" High doors

19. Entrance Height: 7'-0"

20. Power Supply: 208 Volts 3 Phase 60 Hz

C. Performance:

1. Car Speed: -10% to +5% of contract speed under any loading condition or direction of travel.

2. Car Capacity: Safely lower, stop and hold up to 125% of rated load per code.

D. Ride Quality:

1. Vertical Vibration (maximum): 25 mg

2. Horizontal Vibration (maximum): 15 mg

3. Vertical Jerk (maximum): 2 ft/sec^3

4. Acceleration (maximum): 1.6 ft/sec^2

5. In Car Noise: 53-60 dB(A)

6. Stopping Accuracy: ±5mm

7. Starts per hour (maximum): 180

E. Elevator Operation:

1. Simplex Collective Operation: Using a microprocessor based controller, operation shall be automatic by means of the car and hall buttons. When all calls have been answered, the car shall park at the last landing served.

2. Group Automatic Operation with Demand-Based Dispatching: Provide reprogrammable group automatic system that assigns cars to hall calls based on a dispatching algorithm designed to minimize passenger waiting time.

F. Operating Features - Standard:

1. Door Light Curtain Protection

2. Static AC Drive

3. Phase Monitor Relay

4. Cab Overload with Indicator

5. Load-weighing

6. Central Alarm

7. Remote Monitoring

8. Firefighter's Operation

9. Automatic Evacuation

G. When the main line power is lost for longer than 5 seconds the emergency battery power supply provides power automatically to the elevator controller. If the car is at a floor when the power fails, it remains at that floor, opens its doors, and shuts down. If the car is between floors, it is raised or lowered to the first available landing, opens it doors, and shuts down.

2.03 EQUIPMENT: CONTROL COMPONENTS AND CONTROL SPACE

A. Controller: Provide microprocessor based control system to perform all of the functions of safe elevator operation, as well as perform car and group operational control.

1. All high voltage (110v or above) contact points inside the inspection and test panel shall be protected from accidental contact in a situation where the access panels are open.

2. The controller shall be distributed throughout the elevator system located in the overhead, cab and inspection and test panel. The inverter will be mounted in the overhead adjacent to the hoist machine and an inspection and test panel will be located in the door jamb at the top floor or one floor below the top floor. No elevator equipment mechanical rooms or closets are required.

3. Provide multi-bus control architecture to reduce cabling, material and waste.

B. Drive: Provide a Variable Voltage Variable Frequency AC Closed Loop drive system. Provide stable start without high peak current, quickly reaching a low energy consumption level.

C. Inspection and Test Panel: Integrated control equipment, main inspection and test panel in door frame at top level served or at one floor below the top level served.

2.04 EQUIPMENT: HOISTWAY COMPONENTS

A. Machine:

1. Gearless asynchronous AC motor with integral drive sheave, service and emergency brakes.

2. Design machine to enable direct power transfer, thereby avoiding loss of power.

3. Design machine to be compact, lightweight and durable to optimize material usage and save space.

4. Mount to structural support channels on top of guide rail system as applicable in hoistway overhead.

B. Governor:

1. Tension type over-speed governor with remote manual reset.

2. Mount to structural support channels as applicable in hoistway overhead.

C. Buffers, Car and Counterweight: Compression spring type buffers to meet code.

D. Hoistway Operating Devices:

1. Emergency Stop switch in the pit.

2. Terminal stopping switches.

3. Emergency stop switch on the machine.

E. Positioning System: System consisting of proximity sensors and door zone vanes.

F. Guide Rails and Attachments: Provide Tee-section steel rails with brackets and fasteners. Side counterweight arrangements shall have a dual purpose bracket that combines both counterweight guide rails, and one of the car guide rails to building fastening.

G. Suspension System: Non-circular Elastomeric coated suspension media with high tensile grade steel cords.

H. Governor rope: Steel wire rope with 6 mm diameter.

2.05 EQUIPMENT: HOISTWAY ENTRANCES

A. Hoistway Doors and Frames:

1. UL rated with required fire rating.

2. Doors: Rigid flush panel construction with reinforcement ribs.

3. Frames: Securely fasten at corners to form unit frame. Frames shall be bolted.

B. Finish:

1. Exposed Areas of Corridor Frames: Stainless Steel - All Floors

2. Exposed Areas of Corridor Frames:

a. 1st Floor: Painted Primer

b. 2nd Floor: Painted Primer

c. Typical Floors: Painted Primer

d. Doors: Stainless Steel - All Floors

e. Doors: Stainless Steel - All Floors

f. Sills: Aluminum - All Floors

C. Entrance Markings and Jamb Plates: Provide standard entrance jamb tactile markings on both jambs, at all floors. Plate Mounting: Refer to manufacturer drawings.

2.06 EQUIPMENT: CAR COMPONENTS

A. Car Frame and Safety: Provide car frame with adequate bracing to support the platform and car enclosure. The safety shall be integral to the car frame and shall be flexible guide clamp type.

B. Platform: Provide platform of steel construction with plywood subfloor and aluminum threshold.

C. Car Guides: Provide sliding guide shoes mounted to top and bottom of both car and counterweight frame. Arrange each guide shoe assembly to maintain constant contact on the rail surfaces. Provide retainers in areas with Seismic design requirements.

D. Provide central guiding system to reduce mechanical friction and energy consumption.

E. Steel Cab:

1. Fire rating: Provide Class B fire rating for cab, or Class A fire rating where required by local Code.

2. Design cab to comply with LEED Indoor Environmental Quality requirements through use of Low Emitting Materials on walls, ceiling and subflooring.

3. Car wall finish: Steel #4 Stainless Steel Finish selected from manufacturer's standard selections.

4. Base and frieze: Aluminum.

5. Car front finish: Brushed stainless steel.

6. Car door finish: Brushed stainless steel.

7. Ceiling: Canopy ceiling, finished in #4 Stainless Steel With Down Lit Led Lighting. Provide lighting consisting of four compact fluorescent energy saving lights located in two semi-oval lateral cutouts located on the center-sides of the cab ceiling, Lexan lens cover.

8. Handrail: Round Brushed Stainless Steel - Straight End. Locate on Rear & Side Walls.

9. Flooring: By others. Not to exceed 3/8" finished depth.

10. Ventilation: Provide one-speed fan in canopy.

11. Emergency Car Lighting: Provide an emergency power unit employing a 12 volt sealed rechargeable battery and static circuits to illuminate the elevator car and provide current to the alarm bell in the event of building power failure.

12 Emergency Siren: Provide siren mounted on top of the car that is activated when the Alarm button in the car operating panel is engaged.

13. Emergency Exit Switch: Provide an electrical contact to open the safety circuit when the emergency car top exit is opened. When the exit door is opened, the top exit switch shall signal the control and the car will be unable to move.

14. Emergency Exit Lock: Provide an emergency exit lock where required by local code.

15. Emergency Exit Guard: Provide emergency exit guard on top of car when required for hoistwall wall to platform clearance exceeds 12" or for multiple cars in hoistway.

2.07 DOOR OPERATOR AND REOPENING DEVICES

A. Door Operator: Provide a closed loop VVVF high performance door operator with frequency controlled drive for fast and reliable operation to open and close the car and hoistway doors simultaneously.

B. In case of interruption or failure of electric power, the doors can be readily opened by hand from within the car, in accordance with applicable code. Provide emergency devices and keys for opening doors from the landing as required by local code.

C. Doors shall open automatically when the car has arrived at or is leveling at the respective landings. Doors shall close after a predetermined time interval or immediately upon pressing of a car button. Provide door open button in the car operating panel. Momentary pressing of this button shall reopen the doors and reset the time interval.

D. Provide door hangers and tracks for each car and hoistway door. Contour tracks to match the hanger sheaves. Design hangers for power operation with provisions for vertical and lateral adjustment. Hanger sheaves shall have polyurethane tires and pre-lubricated sealed for life bearings.

E. Electronic Door Safety Device: Equip car doors with concealed transmitter and receiver infrared beam devices to detect presence of object in process of passing through hoistway entrance and car doorway (light curtain device).

1. Use multi-beam scanning without moving parts to detect obstructions in door opening.

2. Detector Device: Prevent doors from closing, or if they have already started closing, cause doors to reopen and remain open while object is within detection zone.

3. Horizontal Beams: Minimum of 33 infra-red beams to fill doorway from ground level to a height of 6 feet.

2.08 EQUIPMENT: SIGNAL DEVICES AND FIXTURES

A. Car Operating Panel: Provide a car operating panel with all push buttons, key switches and message indicators for elevator operation.

1. Full height car operating panel shall be surface-mounted on front return.

2. Comply with handicap requirements.

3. Push Buttons: Mechanical, illuminating using long-lasting LEDs for each floor served.

4. Emergency Buttons: Provide in accordance with code. Emergency alarm button, door open and door close buttons.

B. Features of the Car Operating Panel Shall Include:

1. Audible chime to signal that the car is either stopping at or passing a floor served by the elevator.

2. Raised markings and Braille provided to the left hand side of each push button.

3. Car Lantern: Provide LED illuminated car lantern with direction arrows to comply with local code when hall lanterns are not provided.

4. Door open and close push buttons.

5. Firefighter's hat and Phase 2 Key-switch

6. Inspection key-switch.

7. Key-switch for optional Independent Service Operation

8. Illuminated alarm button with raised marking.

9. Elevator Data Plate marked with elevator capacity and car number.

10. Help Button: Activation of help button will initiate two-way communication between car and a location inside the building, switching over to alternate location if call is unanswered, where personnel are available to take the appropriate action. Visual indicators are provided for call initiation and call acknowledgement.

11. Certificate Frame.

C. Hall Fixtures: Provide hall fixtures with necessary push buttons and key switches for elevator operation.

1. Push buttons: Metallic tactile push buttons, up button and down button at intermediate floors, single button at each terminal floor.

2. Height: Comply with handicap requirements.

3. Illumination: Illuminating using long-lasting low power LEDs.

D. Hall Lanterns and Position Indicators.

1. LED illuminated direction arrows with audible and visible call acknowledgement.

E. Hoistway access switches: Provide key-switch at top and/or bottom floor in entrance jamb as required by local code.

F. Firefighter's Phase 1 Service: Key switch in brushed stainless steel cover plate.

G. Fixture Cover Plates: For push buttons, hall lanterns and position indicators, resistant white back-printed glass, no screws required for mounting. Provide stainless steel cover plates for Firefighter's Phase I switch and hoistway access switches, with tamper resistant screws in same finish.

H. Mounting: Mount hall fixtures in entrance frames.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine hoistways, hoistway openings, and pits before starting elevator installation.

B. Verify hoistway, pit, overhead, and openings are of correct size, within tolerances, and are ready for work of this section.

C. Verify walls are plumb where openings occur and ready for entrance sill installation. Traditional sill angle or concrete sill support shall not be required.

D. Verify hoistway is clear and plumb, with variations not to exceed -0 to +1 inch at any point. Verify projections greater than 4" must be beveled not less than 75 degrees from horizontal. No negative tolerance is permitted for minimum hoistway dimensions.

E. Verify minimum 2-hour fire-resistance rating of hatch walls.

F. Notify Architect in writing of dimensional discrepancies or other conditions detrimental to proper installation or performance of elevators.

G. Do not proceed with elevator installation until unsatisfactory conditions have been corrected in a manner acceptable to manufacturer/installer.

3.02 INSTALLATION

A. Install elevators in accordance with manufacturer/installer's instructions and ANSI/ASME A17.1.

B. Set entrances in vertical alignment with car openings, and aligned with plumb hoistway lines.

3.03 FIELD QUALITY CONTROL

A. Perform tests of elevator as required by ANSI/ASME A17.1 and governing codes.

3.04 ADJUSTING

A. Adjust elevators for proper operation in accordance with manufacturer/installer's instructions.

B. Adjust elevators for smooth acceleration and deceleration of car so not to cause passenger discomfort.

C. Adjust doors to prevent opening of doors at landing on corridor side, unless car is at rest at that landing, or is in leveling zone and stopping at that landing.

D. Adjust automatic floor leveling feature at each floor to within 1/4 inch of landing.

E. Repair minor damages to finish in accordance with manufacturer/installer's instructions and as approved by Architect.

F. Remove and replace damaged components that cannot be successfully repaired as determined by Architect.

3.05 CLEANING

A. Clean elevators promptly after installation in accordance with manufacturer/installer's instructions.

B. Do not use harsh cleaning materials or methods that could damage finish.

3.06 PROTECTION

A. Protect installed elevators from damage during construction in accordance with the negotiated temporary use agreement between Owner and manufacturer's installer.

END OF SECTION

D. Coordinate installation of electrical service. Complete power and control wiring from disconnect to unit components.

3.04 ERECTION TOLERANCES

A. Maximum Variation from Plumb: 1/16 inch (1.5 mm).

B. Maximum Variation from Level: 1/16 inch (1.5 mm).

C. Longitudinal or Diagonal Warp: Plus or minus 1/8 inch (3 mm) from 10 ft (3 m) straight edge.

D. Maintain dimensional tolerances and alignment with adjacent work.

3.05 ADJUSTING

A. Adjust door assembly for smooth operation and full contact with weatherstripping.

3.06 CLEANING AND PROTECTION

A. Clean doors, frames and glazing.

B. Remove temporary labels and visible markings.

C. Do not permit construction traffic through overhead door openings after adjustment and cleaning.

END OF SECTION

DEMOLITION NOTES

1. DEMOLITION WORK LISTED ABOVE IS THE REQUIRED MINIMUM. KEY NOTE LABELS SHOWN HERE ON ARE TYPICAL IN NATURE AND DO NOT IDENTIFY ALL LOCATIONS FOR REQUIRED DEMOLITION. ITEMS IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
2. COORDINATE ALL SIDEWALK AND LANE CLOSURES WITH THE CITY OF GADSDEN.
3. CONTRACTOR TO PROVIDE ALL NECESSARY TRAFFIC CONTROL, TRAFFIC CONTROL SIGNAGE AND TEMPORARY CONSTRUCTION FENCING AS NEEDED.

TRAFFIC CONTROL LEGEND	
SIDEWALK CLOSED SIGN R9-9	

BENCHMARK TABLE

ID	MATERIAL	NORTHING	EASTING	ELEVATION
BM# 1	MAG NAIL	1277604.66	605094.90	551.45'
T-1	MAG NAIL	1277570.87	604911.02	548.59'
T-2	MAG NAIL	1277401.17	605084.97	550.07'
T-3	MAG NAIL	1277376.12	605300.41	552.13'
T-4	MAG NAIL	1277603.93	605069.42	551.28'
T-5	MAG NAIL	1277616.27	605374.99	551.26'
T-6	MAG NAIL	1277715.99	605202.00	550.24'
T-7	MAG NAIL	1277775.16	605026.58	549.97'

DEMOLITION KEY NOTE LEGEND	
D1	**ASPHALT AND CONCRETE PAVEMENT** ~ COORDINATE WITH SITE LAYOUT PLAN ~ DEMO AND REMOVE ASPHALT AND CONCRETE PAVEMENT ~ PROVIDE A NEAT SAW CUT ALONG THE EXTENTS OF REMOVAL
D2	**CONCRETE SIDEWALK** ~ COORDINATE WITH SITE LAYOUT PLAN ~ DEMO AND REMOVE EXISTING SIDEWALK ~ PROVIDE A NEAT SAW CUT ALONG THE EXTENTS OF REMOVAL
D3	**CONCRETE CURB AND GUTTER** ~ COORDINATE WITH SITE LAYOUT PLAN ~ DEMO AND REMOVE EXISTING CURB AND GUTTER ~ PROVIDE A NEAT SAW CUT ALONG THE EXTENTS OF REMOVAL.
D4	**DRAINAGE AND STORM RELATED ITEMS** ~ COORDINATE WITH GRADING AND DRAINAGE PLAN ~ CUT AND REMOVE SEGMENT OF PIPE REQUIRED ~ FIELD VERIFY LOCATION AND CONDITION OF EXISTING STORM PIPE. COORDINATE FINDINGS WITH ENGINEER PRIOR TO REMOVAL.
D5	**LANDSCAPING, LIGHTING, AND MISCELLANEOUS SITE AMENITIES** ~ COORDINATE WITH LANDSCAPE AND ELECTRICAL PLANS ~ BRICKED PAVERS ALONG BROAD STREET TO BE REMOVED AND PRESERVED FOR REUSE ~ REMOVE PARKING SIGNAGE ~ REMOVE PARKING BUMPERS
D6	**DOMESTIC WATER** ~ COORDINATE WITH SITE UTILITY PLANS ~ WATER MAINS AND SERVICE LINES SHALL BE ABANDONED IN PLACE WHERE NOT IN CONFLICT WITH PROPOSED SITE UTILITY PLAN ~ REMOVE EXISTING METERS, VAULTS, AND FITTINGS ~ WHERE APPLICABLE, CUT AND CAP EXISTING WATER SERVICE LINE AT OR NEAR RIGHT-OF-WAY, AS DIRECTED BY UTILITY OWNER.
D7	**SANITARY SEWER** ~ COORDINATE WITH SITE UTILITY PLANS ~ CLEANOUTS WHICH DO NOT CONFLICT WITH PROPOSED DESIGN SHALL HAVE TOP SECTION REMOVED AND BE BACKFILLED WITH #57 STONE. ~ CLEANOUTS WHICH DO CONFLICT WITH PROPOSED DESIGN SHALL BE FULLY REMOVED ~ SEWER MAINS AND LATERALS SHALL BE ABANDONED IN PLACE WHERE NOT IN CONFLICT
D8	**EXISTING UNDERGROUND UTILITIES** ~ COORDINATE WITH UTILITY OWNERS AND RELEVANT PLAN SHEETS THE PRESERVATION, REMOVAL, RELOCATION, AND/OR ABANDONMENT OF UNDERGROUND ELECTRICAL, GAS, AND TELECOMMUNICATION LINES. ~ UTILITIES SHOWN WERE LOCATED AT A QUALITY LEVEL "C" AND HERE HAVE NOT BEEN FIELD VERIFIED. ~NOTIFY ENGINEER IMMEDIATELY IF EXISTING UTILITY LINES ARE FOUND TO CONFLICT WITH PROPOSED DESIGN.
D9	**EXISTING SERVICE POLE** ~TO BE RELOCATED OUTSIDE OF PROPOSED GARAGE ACCESS DRIVE. COORDINATE RELOCATION WITH UTILITY OWNER(S).

ALABAMA LICENSED No. 30696 PROFESSIONAL ENGINEER 12/12/24 JARED KEITH LOWE

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN:

ENGINEER OF RECORD:

CDG
224 BROAD ST., SUITE 201
GADSDEN, ALABAMA 35901
PH: (256) 543-9431

ISSUE DATE:
11-25-2024

REVISIONS:

NO.	DATE	DESCRIPTION
1	12/13/2024	ADDENDUM 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
SITE DEMOLITION PLAN

SHEET NUMBER:
C-102

C-102 DEMOLITION & GEOMETRIC CONTROL PLAN.dwg

SITE NOTES

1. IT IS CONTRACTOR'S RESPONSIBILITY TO PROVIDE CONSTRUCTION LAYOUT AND GRADE STAKING.
2. UPON REQUEST, CDG WILL PROVIDE ELECTRONIC CIVIL DESIGN FILES IN DWG FORMAT.
3. WHERE APPLICABLE, DIMENSIONS SHOWN HEREON ARE TO THE BACK OF CURB.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL BENCHMARKS AND PROPERTY CORNERS. ANY REPLACEMENT WILL BE AT THE CONTRACTOR'S EXPENSE
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO CONSTRUCT THIS PROJECT. ALL PERMITS MUST BE IN-HAND PRIOR TO CONSTRUCTION.
6. HORIZONTAL AND VERTICAL DATUMS USED IN DESIGN ARE NAD83 AL STATE PLANE EAST AND NAVD88 RESPECTIVELY.
7. NOTIFY ENGINEER IMMEDIATELY IF ANY ERRORS OR OMISSIONS ARE FOUND.

BENCHMARK TABLE

ID	MATERIAL	NORTHING	EASTING	ELEVATION
BM# 1	MAG NAIL	1277604.66	605094.90	551.45'
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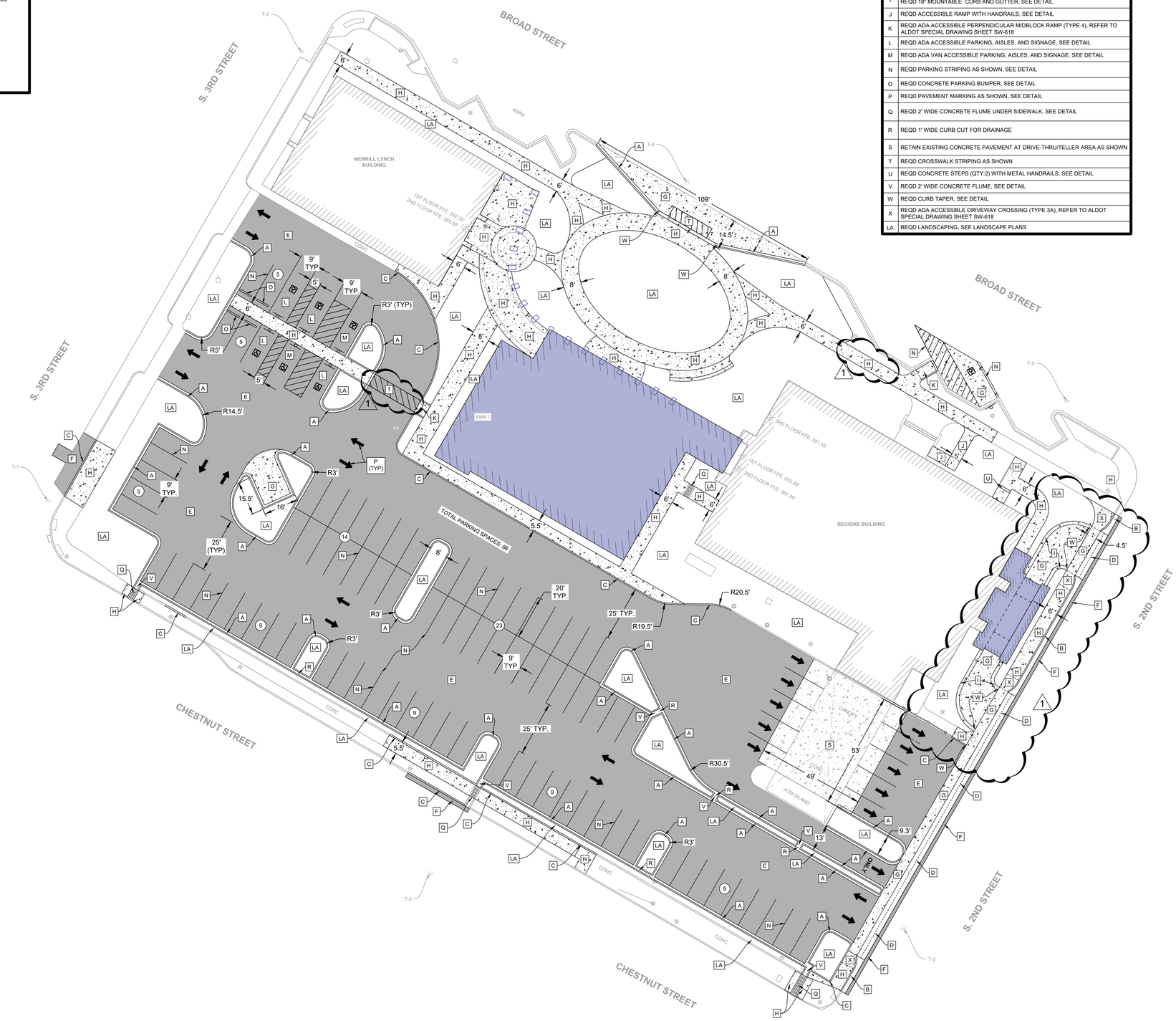
T-6	MAG NAIL	1277715.99	605202.00	550.24'
T-7	MAG NAIL	1277775.16	605026.58	549.97'

KEY NOTE LEGEND

A	REQD 18" COMBINATION CURB AND GUTTER, SEE DETAIL
B	REQD 30" COMBINATION CURB & GUTTER, SEE DETAIL
C	REQD CONCRETE TYPE "A" CURB, SEE DETAIL
D	REQD 48" WIDE CONCRETE VALLEY GUTTER
E	REQD MEDIUM-DUTY BITUMINOUS PAVEMENT, SEE DETAIL
F	REQD BITUMINOUS PAVEMENT PATCHING, SEE DETAIL
G	REQD HEAVY-DUTY CONCRETE PAVEMENT, SEE DETAIL
H	REQD TYPICAL CONCRETE SIDEWALK, SEE DETAIL
I	REQD 18" MOUNTABLE CURB AND GUTTER, SEE DETAIL
J	REQD ACCESSIBLE RAMP WITH HANDRAILS, SEE DETAIL
K	REQD ADA ACCESSIBLE PERPENDICULAR MIDBLOCK RAMP (TYPE 4), REFER TO ALDOT SPECIAL DRAWING SHEET SW-618
L	REQD ADA ACCESSIBLE PARKING, AISLES, AND SIGNAGE, SEE DETAIL
M	REQD ADA VAN ACCESSIBLE PARKING, AISLES, AND SIGNAGE, SEE DETAIL
N	REQD PARKING STRIPING AS SHOWN, SEE DETAIL
O	REQD CONCRETE PARKING BUMPER, SEE DETAIL
P	REQD PAVEMENT MARKING AS SHOWN, SEE DETAIL
Q	REQD 2' WIDE CONCRETE FLUME UNDER SIDEWALK, SEE DETAIL
R	REQD 1' WIDE CURB CUT FOR DRAINAGE
S	RETAIN EXISTING CONCRETE PAVEMENT AT DRIVE-THRU/TELLER AREA AS SHOWN
T	REQD CROSSWALK STRIPING AS SHOWN
U	REQD CONCRETE STEPS (QTY:2) WITH METAL HANDRAILS, SEE DETAIL
V	REQD 2' WIDE CONCRETE FLUME, SEE DETAIL
W	REQD CURB TAPER, SEE DETAIL
X	REQD ADA ACCESSIBLE DRIVEWAY CROSSING (TYPE 3A), REFER TO ALDOT SPECIAL DRAWING SHEET SW-618
LA	REQD LANDSCAPING, SEE LANDSCAPE PLANS



SCALE IN FEET: 20 0 20

ALABAMA LICENSED No. 50696 PROFESSIONAL ENGINEER JARED KEITH LOWE 12/12/24

GADSDEN CITY HALL
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NO.	DATE	DESCRIPTION
1	12/13/2024	ADDENDUM 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
SITE LAYOUT PLAN

SHEET NUMBER:
C-301

C:\301 SITE LAYOUT PLAN_12-03-24.dwg

GRADING AND DRAINAGE NOTES

1. COORDINATE THE SEQUENCING OF ALL GRADING OPERATIONS WITH THE BMP PLAN.
2. ALL EARTHWORK ACTIVITIES SHALL BE COORDINATED AND APPROVED BY A REGISTERED GEOTECHNICAL ENGINEER.
3. NO GRADING OFF-SITE OR IN ANY ROAD RIGHT-OF-WAY WITHOUT PROPER APPROVALS.
4. ALL GRADING ADJACENT TO EXISTING OR PROPOSED BUILDINGS SHALL BE SLOPED AWAY FROM THE STRUCTURES. THE CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM THE STRUCTURES. NOTIFY CDG OF ANY DISCREPANCIES.
5. PROPOSED GRADES INDICATED ON THIS PLAN ARE TO FINISH GRADE. THE CONTRACTOR SHALL MAKE SUBGRADE ADJUSTMENTS FOR TOPSOIL, PAVEMENT, BUILDING PAD, ETC.

STORM PIPE TABLE

ID	SIZE / MATERIAL	LENGTH	SLOPE	NOTES
P1	8" HDPE	40'	2.00%	
P2	12" HDPE	37'	2.96%	
P3	12" HDPE	23'	1.40%	
P4	12" HDPE	82'	1.40%	
P5	12" HDPE	26'	1.44%	
P6	12" HDPE	64'	0.75%	
P7	12" HDPE	43'	0.75%	
P8	12" HDPE	42'	0.75%	

STORM STRUCTURE TABLE

ID	TYPE	ELEVATIONS	NOTES
S1	HDPE DRAIN BASIN 24" DOME GRATE INLET	RIM = 552.80' INV. OUT (NE) = 550.05'	* COORDINATE DOWNSPOUT CONNECTION(S) PRIOR TO INSTALLATION
S2	HDPE DRAIN BASIN 24" DOME GRATE INLET	RIM = 552.90' INV. IN (SW) = 549.26' INV. OUT (N) = 548.92'	
S3	HDPE DRAIN BASIN 24" DOME GRATE INLET	RIM = 551.20' INV. IN (S) = 547.83' INV. IN (W) = 547.83' INV. OUT (NW) = 547.83'	
S4	HDPE DRAIN BASIN 24" CAST IRON SOLID LID (PED. TRAFFIC RATED)	RIM = 550.93' INV. IN (SW) = 547.51' INV. OUT (NW) = 547.51'	* CONFIRM EXISTING STORM PIPE WITH ENGINEER PRIOR TO INSTALLATION
S5	HDPE DRAIN BASIN 24" CAST IRON SOLID LID (PED. TRAFFIC RATED)	RIM = 550.45' INV. IN (SE) = 546.37 ' INV. OUT (NW) = 546.37'	* CONFIRM EXISTING STORM PIPE WITH ENGINEER PRIOR TO INSTALLATION
S6	**EXISTING CURB INLET TO REMAIN**	**PROP. INV. IN (SW) =546.00'** EX. INV. OUT = 544.81'	* CONFIRM INVERTS PRIOR TO INSTALLATION. CORE EXISTING STRUCTURE, GROUT TO ENSURE WATERTIGHT CONNECTION.
S7	HDPE DRAIN BASIN 24" DOME GRATE INLET	RIM = 551.30' INV. OUT (W) = 548.95'	
S8	HDPE DRAIN BASIN 24" DOME GRATE INLET	RIM = 550.50' INV. IN (E) = 548.47' INV. OUT (W) = 548.47'	
S9	HDPE DRAIN BASIN 24" DOME GRATE INLET	RIM = 550.20' INV. IN (E) = 548.15' INV. OUT (W) = 548.15'	

BENCHMARK TABLE

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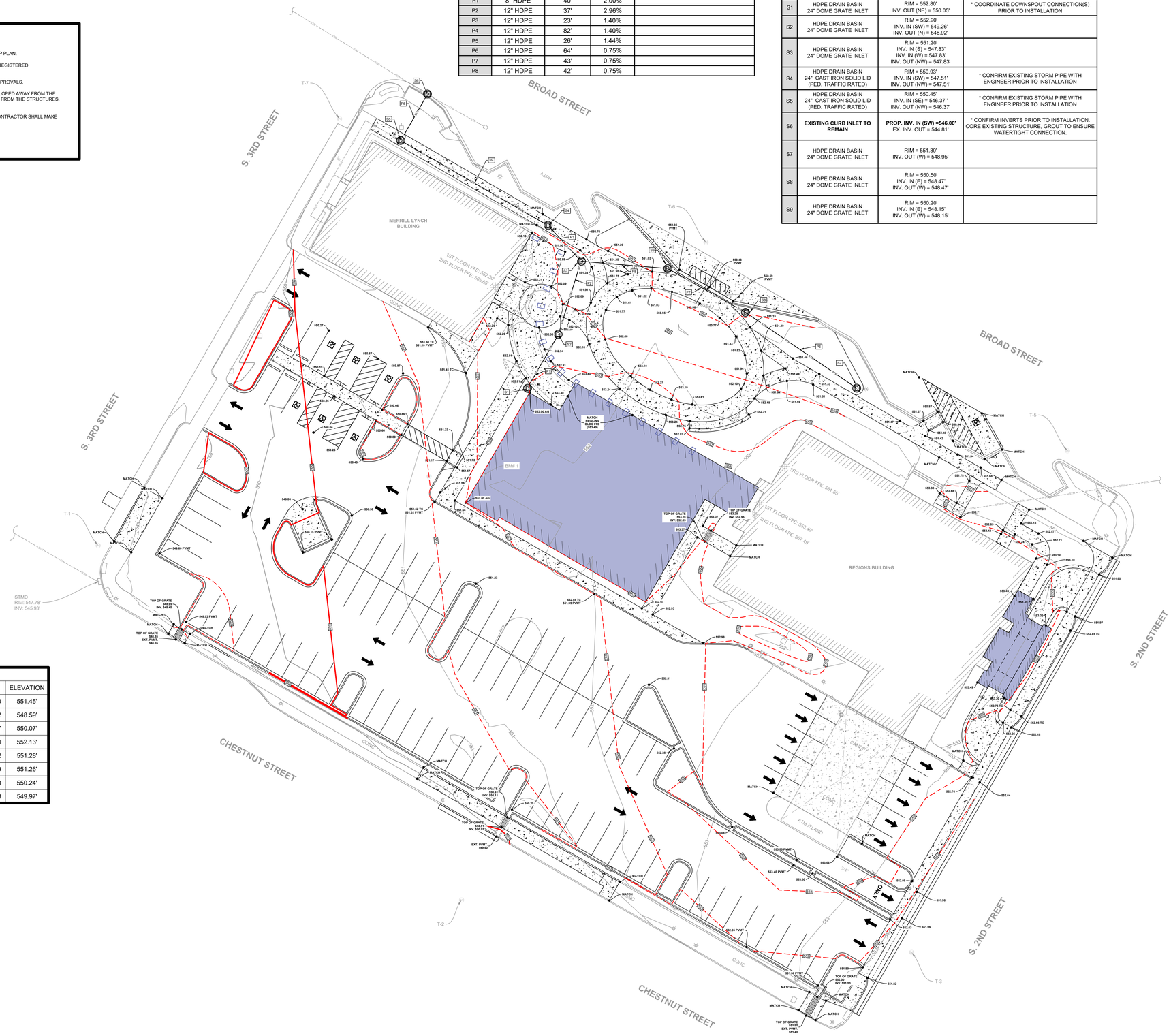

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GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

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NO.	DATE	DESCRIPTION
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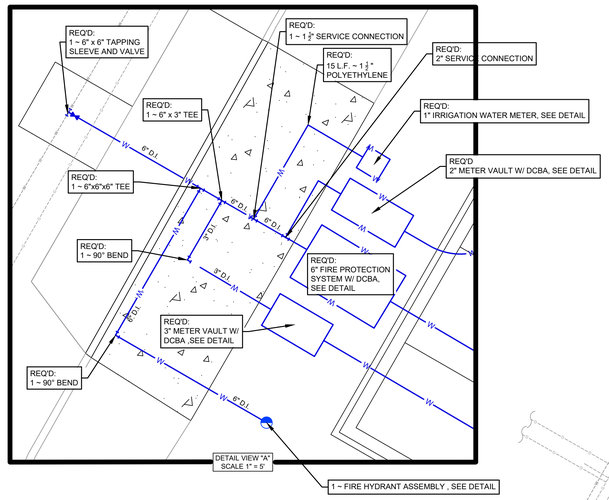
PROJECT NUMBER:
23-083

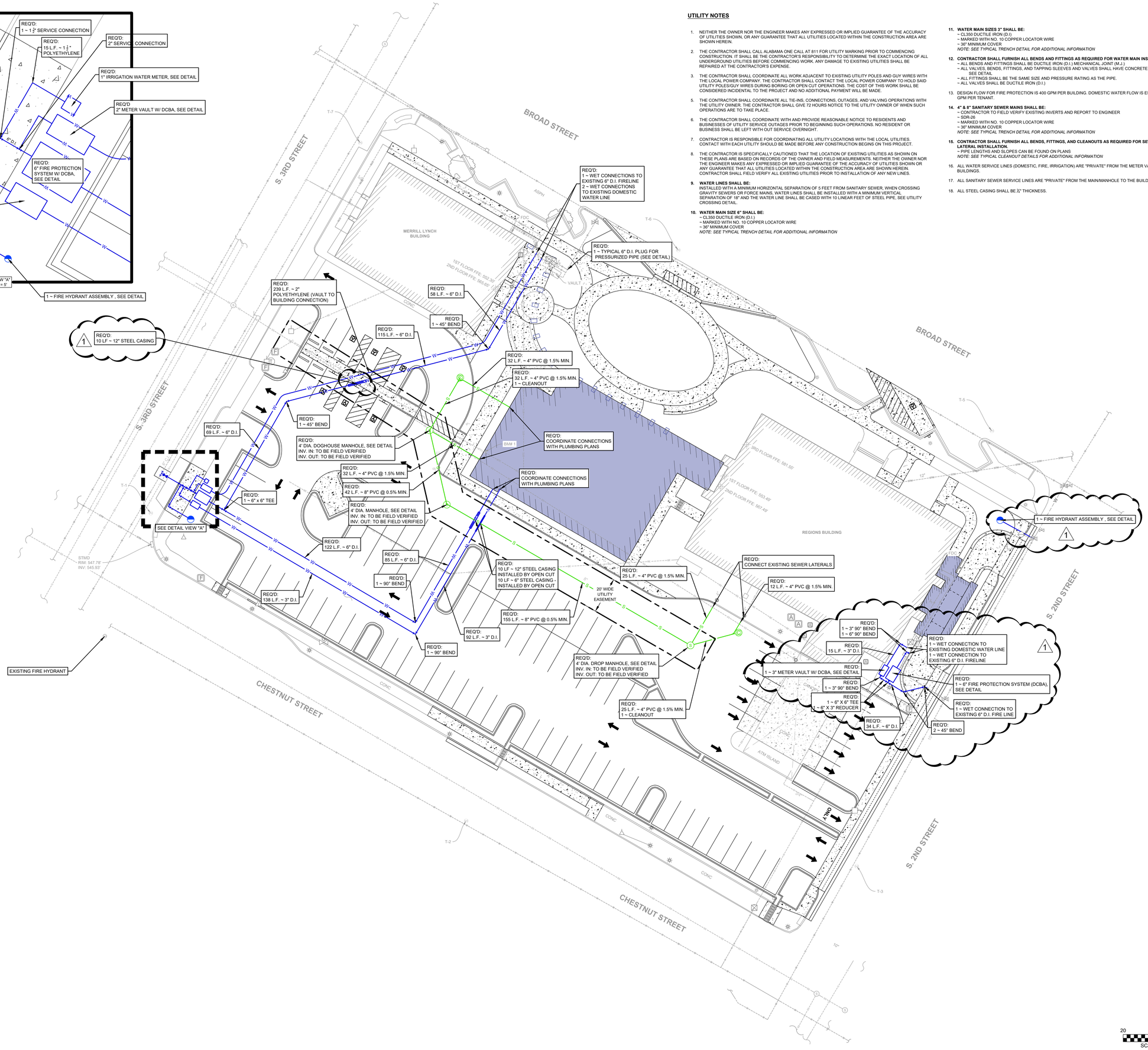
DRAWING TITLE:
GRADING & DRAINAGE PLAN

SHEET NUMBER:
C-302

UTILITY NOTES

1. NEITHER THE OWNER NOR THE ENGINEER MAKES ANY EXPRESSED OR IMPLIED GUARANTEE OF THE ACCURACY OF UTILITIES SHOWN, OR ANY GUARANTEE THAT ALL UTILITIES LOCATED WITHIN THE CONSTRUCTION AREA ARE SHOWN HEREIN.
2. THE CONTRACTOR SHALL CALL ALABAMA ONE CALL AT 811 FOR UTILITY MARKING PRIOR TO COMMENCING CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL COORDINATE ALL WORK ADJACENT TO EXISTING UTILITY POLES AND GUY WIRES WITH THE LOCAL POWER COMPANY. THE CONTRACTOR SHALL CONTACT THE LOCAL POWER COMPANY TO HOLD SAID UTILITY POLES/GUY WIRES DURING BORING OR OPEN CUT OPERATIONS. THE COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO ADDITIONAL PAYMENT WILL BE MADE.
5. THE CONTRACTOR SHALL COORDINATE ALL TIE-INS, CONNECTIONS, OUTAGES, AND VALVING OPERATIONS WITH THE UTILITY OWNER. THE CONTRACTOR SHALL GIVE 72 HOURS NOTICE TO THE UTILITY OWNER OF WHEN SUCH OPERATIONS ARE TO TAKE PLACE.
6. THE CONTRACTOR SHALL COORDINATE WITH AND PROVIDE REASONABLE NOTICE TO RESIDENTS AND BUSINESSES OF UTILITY SERVICE OUTAGES PRIOR TO BEGINNING SUCH OPERATIONS. NO RESIDENT OR BUSINESS SHALL BE LEFT WITH OUT SERVICE OVERNIGHT.
7. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL UTILITY LOCATIONS WITH THE LOCAL UTILITIES. CONTACT WITH EACH UTILITY SHOULD BE MADE BEFORE ANY CONSTRUCTION BEGINS ON THIS PROJECT.
8. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE OWNER AND FIELD MEASUREMENTS. NEITHER THE OWNER NOR THE ENGINEER MAKES ANY EXPRESSED OR IMPLIED GUARANTEE OF THE ACCURACY OF UTILITIES SHOWN OR ANY GUARANTEE THAT ALL UTILITIES LOCATED WITHIN THE CONSTRUCTION AREA ARE SHOWN HEREIN. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO INSTALLATION OF ANY NEW LINES.
9. **WATER LINES SHALL BE:**
   INSTALLED WITH A MINIMUM HORIZONTAL SEPARATION OF 5 FEET FROM SANITARY SEWER, WHEN CROSSING GRAVITY SEWERS OR FORCE MAINS. WATER LINES SHALL BE INSTALLED WITH A MINIMUM VERTICAL SEPARATION OF 18" AND THE WATER LINE SHALL BE CASED WITH 10 LINEAR FEET OF STEEL PIPE, SEE UTILITY CROSSING DETAIL.
10. **WATER MAIN SIZE 6" SHALL BE:**
    ~ CL350 DUCTILE IRON (D.I.)
    ~ MARKED WITH NO. 10 COPPER LOCATOR WIRE
    ~ 36" MINIMUM COVER
    NOTE: SEE TYPICAL TRENCH DETAIL FOR ADDITIONAL INFORMATION
11. **WATER MAIN SIZES 3" SHALL BE:**
    ~ CL350 DUCTILE IRON (D.I)
    ~ MARKED WITH NO. 10 COPPER LOCATOR WIRE
    ~ 36" MINIMUM COVER
    NOTE: SEE TYPICAL TRENCH DETAIL FOR ADDITIONAL INFORMATION
12. **CONTRACTOR SHALL FURNISH ALL BENDS AND FITTINGS AS REQUIRED FOR WATER MAIN INSTALLATION.**
    ~ ALL BENDS AND FITTINGS SHALL BE DUCTILE IRON (D.I.) MECHANICAL JOINT (M.J.)
    ~ ALL VALVES, BENDS, FITTINGS, AND TAPPING SLEEVES AND VALVES SHALL HAVE CONCRETE THRUST BLOCKS, SEE DETAIL
    ~ ALL FITTINGS SHALL BE THE SAME SIZE AND PRESSURE RATING AS THE PIPE.
    ~ ALL VALVES SHALL BE DUCTILE IRON (D.I.)
13. DESIGN FLOW FOR FIRE PROTECTION IS 400 GPM PER BUILDING. DOMESTIC WATER FLOW IS ESTIMATED AT 65 GPM PER TENANT.
14. **4" & 8" SANITARY SEWER MAINS SHALL BE:**
    ~ CONTRACTOR TO FIELD VERIFY EXISTING INVERTS AND REPORT TO ENGINEER
    ~ SDR-26
    ~ MARKED WITH NO. 10 COPPER LOCATOR WIRE
    ~ 36" MINIMUM COVER
    NOTE: SEE TYPICAL TRENCH DETAIL FOR ADDITIONAL INFORMATION
15. **CONTRACTOR SHALL FURNISH ALL BENDS, FITTINGS, AND CLEANOUTS AS REQUIRED FOR SEWER MAIN & LATERAL INSTALLATION.**
    ~ PIPE LENGTHS AND SLOPES CAN BE FOUND ON PLANS
    NOTE: SEE TYPICAL CLEANOUT DETAILS FOR ADDITIONAL INFORMATION
16. ALL WATER SERVICE LINES (DOMESTIC, FIRE, IRRIGATION) ARE "PRIVATE" FROM THE METER VAULTS TO THE BUILDINGS.
17. ALL SANITARY SEWER SERVICE LINES ARE "PRIVATE" FROM THE MAIN/MANHOLE TO THE BUILDINGS.
18. ALL STEEL CASING SHALL BE ¼" THICKNESS.





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SCALE IN FEET

ALABAMA LICENSED No. 50696 PROFESSIONAL ENGINEER JARED KEITH LOWE 12/12/24

GADSDEN CITY HALL
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NO.	DATE	DESCRIPTION
1	12/13/2024	ADDENDUM 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
SITE UTILITY PLAN

SHEET NUMBER:
C-303

C-303 SITE UTILITY PLAN_12.03.24.dwg

GENERAL NOTES

1.0 DESIGN CRITERIA

1.1 CODES AND SPECIFICATIONS:

A. GENERAL BUILDING CODE:
INTERNATIONAL BUILDING CODE, 2021 EDITION

B. CONCRETE:
BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-19)

C. STRUCTURAL STEEL:
SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (ANSI/AISC 360-16)

D. OPEN WEB STEEL JOISTS:
STANDARD SPECIFICATIONS AND LOAD TABLES FOR STEEL JOISTS AND JOIST GIRDERS, STEEL JOIST INSTITUTE, LATEST EDITION

E. STEEL DECK:
STEEL DECK INSTITUTE DESIGN MANUALS FOR COMPOSITE DECKS, NON-COMPOSITE DECKS, AND ROOF DECKS, LATEST EDITION

F. MASONRY:
SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1-13)
BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-13)

NATIONAL CONCRETE MASONRY ASSOCIATION'S STANDARD PRACTICES AND "SPECIFICATION FOR THE DESIGN AND CONSTRUCTION OF LOAD BEARING CONCRETE MASONRY", LATEST EDITION

G. COLD-FORMED STEEL FRAMING:
NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AMERICAN IRON AND STEEL INSTITUTE (AISI S100-16[2020] W/S2-20)

OTHER APPLICABLE AISI STANDARDS, AMERICAN IRON AND STEEL INSTITUTE, LATEST EDITION

H. ARCHITECTURAL PRECAST CONCRETE:
PCI MNL-122 ARCHITECTURAL PRECAST CONCRETE, LATEST EDITION

PCI MANUAL FOR QUALITY CONTROL FOR PLANTS AND PRODUCTION OF ARCHITECTURAL PRECAST CONCRETE PRODUCTS, LATEST EDITION

1.2 DESIGN GRAVITY LOADS (PSF):

A. DEAD LOADS:
ANY CHANGES IN CONSTRUCTION MATERIALS FROM THOSE SHOWN ON THE ARCHITECTURAL OR STRUCTURAL DRAWINGS SHALL BE REPORTED BY THE GENERAL CONTRACTOR TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOAD-CARRYING CAPACITY OF THE STRUCTURE.

B. FLOOR LIVE LOADS:
NON-REDUCIBLE PARTITION LIVE LOAD OF 20 PSF HAS BEEN INCLUDED PER IBC SECTION 1607.5.

LIVE LOAD REDUCTIONS AS DETERMINED BY IBC SECTION 1607.12 HAVE BEEN TAKEN WHERE PERMITTED.

FLOOR (REDUCIBLE)--100
STORAGE--125

C. ROOF LIVE LOADS:
WHERE PERMITTED ROOF LIVE LOADS ARE REDUCED FROM THE BASE VALUE SHOWN BELOW IN ACCORDANCE WITH IBC SECTION 1607.14.

ROOF--20

D. ROOF SNOW LOADS:
GROUND SNOW LOAD (Pg)------------------------------------5.0
IMPORTANCE FACTOR (I)------------------------------------1.0
EXPOSURE FACTOR (Ce)-------------------------------------0.9
THERMAL FACTOR (Ct)--------------------------------------1.0

1.3 DESIGN LATERAL LOADS:

A. WIND LOADS:
ULTIMATE DESIGN WIND SPEED (3-SECOND GUST)------------113MPH
NOMINAL WIND SPEED (3-SECOND GUST)---------------------90MPH
RISK CATEGORY---III
WIND IMPORTANCE FACTOR (I)-----------------------------1.00
WIND EXPOSURE CATEGORY------------------------------------C
ENCLOSURE CATEGORY-------------------------------ENCLOSED
INTERNAL PRESSURE COEFFICIENTS-------------------- +/- 0.18
SEE TYPICAL DETAILS FOR COMPONENT AND CLADDING LOADS

B. SEISMIC LOADS:
OCCUPANCY CATEGORY III
SEISMIC IMPORTANCE FACTOR------------------------------1.25
MAPPED SPECTRAL RESPONSE ACCELERATIONS:
SS---0.274
S1---0.100
SITE CLASS PER GEOTECHNICAL REPORT------------------------C
SPECTRAL RESPONSE COEFFICIENTS:
SDS--0.238
SD1--0.100
SEISMIC DESIGN CATEGORY-----------------------------------B
BASIC SEISMIC-FORCE-RESISTING SYSTEM:
STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
DESIGN BASE SHEAR--------------------------------115 KIPS
SEISMIC RESPONSE COEFFICIENT, Cs----------------------0.099
RESPONSE MODIFICATION FACTOR, R---------------------------3
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

2.0 GENERAL CONDITIONS

2.1 THE STRUCTURAL DRAWINGS AND SPECIFICATIONS ARE A PORTION OF THE CONSTRUCTION DOCUMENTS. THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL REFERENCE AND COORDINATE WITH OTHER DISCIPLINE'S DRAWINGS. ANY DISCREPANCIES OR OMISSIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT AND STRUCTURAL DESIGN GROUP.

2.2 ALL REPORTS, PLANS, SPECIFICATIONS, COMPUTER FILES, FIELD DATA, NOTES, AND OTHER DOCUMENTS AND INSTRUMENTS PREPARED BY STRUCTURAL DESIGN GROUP AS INSTRUMENTS OF SERVICE SHALL REMAIN THE PROPERTY OF STRUCTURAL DESIGN GROUP. STRUCTURAL DESIGN GROUP SHALL RETAIN ALL COMMON LAW, STATUTORY, AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT THERETO.

2.3 STRUCTURAL DESIGN GROUP MAY CONSIDER TRANSFERRING COMPUTER AIDED DRAFTING FILES TO THE GENERAL CONTRACTOR'S SUBCONTRACTORS, ON A CASE-BY-CASE BASIS, FOR THEIR CONVENIENCE IN PREPARING SHOP FABRICATION DRAWINGS AT A COST OF $75 PER SHEET. FILES CAN BE TRANSFERRED UPON COMPLETION OF A CAD FILE TRANSFER AGREEMENT AND RECEIPT OF FULL PAYMENT.

2.4 WHERE SHOP DRAWINGS, CALCULATIONS, OR SUBMITTALS ARE CALLED FOR IN THE PROJECT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) AND ARE NOT PROVIDED BY THE CONTRACTOR, THE CONTRACTOR ASSUMES TOTAL RESPONSIBILITY FOR THE DESIGN AND ASSOCIATED WORK.

2.5 ENGINEER'S SHOP DRAWING REVIEW IS LIMITED TO REVIEW FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT REFLECTED IN THE STRUCTURAL PORTION OF THE CONTRACT DOCUMENTS. THIS REVIEW DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE DRAWINGS, SPECIFICATIONS OR OTHER PROJECT CONTRACT DOCUMENTS. NO RESPONSIBILITY IS ASSUMED OR IMPLIED FOR THE CORRECTNESS OF DIMENSIONS OR DETAILS. THIS REVIEW DOES NOT AUTHORIZE CHANGES TO THE CONTRACT SUM UNLESS STATED IN A SEPARATE WRITTEN FORM OR CHANGE ORDER. CONTRACTOR SHALL CONFIRM AND CORRELATE ALL QUANTITIES AND DIMENSIONS, SELECT FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATE HIS WORK WITH THAT OF OTHER TRADES, AND PERFORM HIS WORK IN A SAFE AND SATISFACTORY MANNER. CONTRACTOR SHALL ALSO REFER TO THE REQUIREMENTS OF THE GENERAL AND SUPPLEMENTARY GENERAL CONDITIONS.

2.6 ALL DETAILS SHOWN ARE TYPICAL. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS, UNLESS NOTED.

2.7 VERIFY ALL DIMENSIONS AND DETAILS SHOWN ON THESE DRAWINGS. ANY DISCREPANCIES OR OMISSIONS FOUND SHALL BE REPORTED TO THE ENGINEER AND OTHER DESIGN PROFESSIONALS AS APPROPRIATE FOR RESOLUTION PRIOR TO PROCEEDING WITH ANY RELATED WORK.

2.8 THESE DRAWINGS DO NOT INCLUDE PROVISIONS TO SATISFY JOB SITE SAFETY REQUIREMENTS. CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING SAFETY DURING CONSTRUCTION AND FOR CONFORMANCE TO ALL APPLICABLE OSHA STANDARDS. JOBSITE VISITS BY ENGINEER SHALL NOT CONSTITUTE APPROVAL, AWARENESS OR LIABILITY FOR ANY HAZARDOUS CONDITIONS.

2.9 STRUCTURAL DESIGN GROUP IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, SAFETY PROCEDURES, CONSTRUCTION SUPERVISION OR SITE SAFETY, AND DOES NOT HAVE THE AUTHORITY TO STOP WORK FOR THESE ITEMS. DRAWINGS FURTHER DO NOT PROVIDE ENGINEERING CONTROLS FOR SILICA STANDARD OR ANY OTHER SAFETY STANDARD.

2.10 THE CONTRACTOR IS SOLELY RESPONSIBLE FOR BRACING AND SHORING ALL EXCAVATIONS, DEWATERING OF EXCAVATION FROM EITHER SURFACE WATER, GROUND WATER OR SEEPAGE, TEMPORARY AND EXISTING STRUCTURES, AND PARTIALLY COMPLETED PORTIONS OF THE WORK TO ASSURE THE SAFETY OF ANY PERSON COMING IN CONTACT WITH THE WORK.

2.11 THE STRUCTURAL INTEGRITY OF THE BUILDING IS DEPENDENT UPON COMPLETION ACCORDING TO THE PLANS AND SPECIFICATIONS. THE STRUCTURAL ENGINEER OF RECORD ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION. THE METHOD OF CONSTRUCTION AND SEQUENCE OF OPERATIONS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUPPLY ANY NECESSARY BRACING, GUYS, ETC. TO PROPERLY BRACE THE STRUCTURE AGAINST WIND, DEAD AND LIVE LOADS UNTIL THE BUILDING IS COMPLETED ACCORDING TO THE PLANS AND SPECIFICATIONS. ANY QUESTIONS REGARDING TEMPORARY BRACING REQUIREMENTS SHOULD BE FORWARDED TO A STRUCTURAL ENGINEER FOR REVIEW.

2.12 MECHANICAL UNITS AND ANY OTHER EQUIPMENT SUPPORTED BY THE STRUCTURE WITH WEIGHTS IN EXCESS OF 200 LBS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION.

2.13 WHERE NOTED IN DRAWINGS AND SPECIFICATIONS TO INSTALL PRODUCTS PER THE MANUFACTURER'S RECOMMENDATIONS, IT SHALL BE REQUIRED THAT THE CONTRACTOR FOLLOWS THE MANUFACTURER'S RECOMMENDATIONS.

2.14 STRUCTURAL OBSERVATION IS VISUAL OBSERVATION OF THE IN PLACE STRUCTURE FOR GENERAL CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS AT THE TIME OF THE OBSERVATION AND SHALL NOT BE CONSTRUED AS INSPECTION OR APPROVAL OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TESTING AND SPECIAL INSPECTIONS PER THE REQUIREMENTS IN THE PROJECT DOCUMENTS.

2.15 OBSERVATION BY THE STRUCTURAL ENGINEER OF RECORD'S OFFICE DOES NOT REPLACE INSPECTIONS AND TESTING BY THE TESTING AGENCY OR SPECIAL INSPECTOR.

3.0 FOUNDATIONS

3.1 GEOTECHNICAL REPORT: FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL REPORT BY CDG TITLED "SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING EVALUATION GADSDEN CITY HALL PROJECT NO. R628124011" ALONG WITH ANY SUPPLEMENTAL CORRESPONDENCE. THE GENERAL CONTRACTOR SHALL OBTAIN A COPY OF THE GEOTECHNICAL REPORT FROM THE OWNER AND FOLLOW ALL REQUIREMENTS AND RECOMMENDATIONS. GEOTECHNICAL RECOMMENDATIONS SHALL TAKE PRECEDENCE OVER THE ITEMS THAT FOLLOW IN THIS SECTION OF THE STRUCTURAL GENERAL NOTES.

3.2 MAXIMUM ALLOWABLE BEARING PRESSURE PER GEOTECHNICAL REPORT: 2500 PSF.

3.3 ALL FOUNDATION BEARING SURFACES SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE TO ENSURE THEIR COMPLIANCE WITH PRESSURES NOTED. ALL FOOTING ELEVATIONS ARE ESTIMATED AND MAY BE ADJUSTED IN THE FIELD BY THE GEOTECHNICAL ENGINEER.

3.4 COMPACTED FILL WITHIN THE BUILDING AREA (AND EXTENDING 10'-0" OUTSIDE THE EXTERIOR BUILDING LINE) SHALL MEET THE REQUIREMENTS NOTED IN THE GEOTECHNICAL REPORT.

3.5 BACKFILL FOR FOUNDATION AND RETAINING WALLS SHALL BE A FREE DRAINING GRANULAR MATERIAL, SUCH AS SIZE #57 STONE. BACKFILL SHALL BE COMPACTED SUFFICIENTLY TO PREVENT SUBSIDENCE OF SURFACE ADJACENT TO WALL. THE GRANULAR MATERIAL SHALL BE PLACED IN A 45 DEGREE WEDGE EXTENDING FROM THE BASE OF THE FOOTING TO WITHIN 18" OF FINISH GRADE ON EXTERIOR AND TO UNDERSIDE OF SLAB ON INTERIOR. AT EXTERIOR, CAP GRANULAR BACKFILL WITH 18" OF SOIL.

3.6 FOUNDATION AND RETAINING WALLS SHALL NOT BE BACKFILLED UNTIL CONCRETE HAS ATTAINED THE REQUIRED 28 DAY COMPRESSIVE STRENGTH.

3.7 WHERE CONCRETE WALLS SUPPORT EARTH ON BOTH SIDES, BACKFILL EACH SIDE SIMULTANEOUSLY.

3.8 WHERE SPREAD FOOTINGS ARE AT THE SAME ELEVATION AS CONTINUOUS WALL FOOTINGS, REINFORCING STEEL IN CONTINUOUS WALL FOOTINGS SHALL EXTEND THRU SPREAD FOOTINGS. WHERE SPREAD FOOTINGS ARE BELOW CONTINUOUS WALL FOOTINGS, CONTINUOUS WALL FOOTINGS ARE TO STEP DOWN ONTO SPREAD FOOTINGS.

3.9 SUBGRADE AND GRANULAR FILL SUPPORTING SLABS ON GRADE SHALL BE AS RECOMMENDED BY THE GEOTECHNICAL REPORT AND COMPACTED UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER OR HIS APPROVED REPRESENTATIVE. SEE SPECIFICATIONS FOR VAPOR RETARDER BENEATH SLABS ON GRADE

3.10 GRANULAR FILL BENEATH SLABS, UNLESS NOTED OTHERWISE, SHALL BE 4" COMPACTED #57 STONE.

3.11 VAPOR RETARDER BENEATH SLABS ON GRADE, UNLESS NOTED, SHALL MEET ASTM E 1745, CLASS A, 15 MIL MINIMUM THICKNESS WITH MANUFACTURER'S RECOMMENDED ADHESIVE OR PRESSURE-SENSITIVE TAPE AND PIPE BOOTS, SUCH AS W.R. MEADOWS INC. PRODUCT PERMINATOR 15.

3.12 NO EXCAVATION SHALL BE CLOSER THAN AT A SLOPE OF 2:1 (TWO HORIZONTAL TO ONE VERTICAL) TO A FOOTING.

4.0 CONCRETE

4.1 CONCRETING OPERATIONS SHALL COMPLY WITH ACI STANDARDS.

4.2 CONCRETE STRENGTH AND DURABILITY REQUIREMENTS: MINIMUM CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS (PSI), TYPE OF CONCRETE, MAXIMUM WATER/CEMENTITIOUS RATIO, AIR CONTENT, SLUMP, AND CONCRETE USE:

STRENGTH	TYPE	MAX W/C	AIR	SLUMP	USE	EXPOSURE CATEGORY
3000	NORMAL WT.	0.57	----	3" TO 5"	FOOTINGS	C1
3500	NORMAL WT.	0.50	----	3" TO 5"	INTERIOR SLAB ON GRADE	F0
3500	NORMAL WT.	0.50	----	3" TO 5"	CONCRETE ON STEEL DECK	F0
4000	NORMAL WT.	0.45	4-6%	3" TO 5"	FOUNDATION RETAINING WALLS	C0
4000	NORMAL WT.	0.45	4-6%	3" TO 5"	UNLESS NOTED	C1

A. CONCRETE MIX DESIGN SHALL BE WORKABLE WITH LOWEST TOTAL WATER PER CUBIC YARD USING LARGEST PRACTICAL MAXIMUM SIZE OF COURSE AGGREGATE.

B. AIR CONTENT FOR CONCRETE FOR SLABS WITH HARD TROWELED FINISHES SHALL NOT EXCEED 3%.

C. CONCRETE PERMANENTLY IN CONTACT WITH WATER SHALL INCLUDE XYPEX ADMIXTURE.

D. CONCRETE USED FOR POLISHED CONCRETE FLOORS SHALL HAVE #78 STONE SIZE MAX COARSE AGGREGATE.

E. EXPOSURE CLASS DESCRIPTIONS:

FO: CONCRETE NOT EXPOSED TO FREEZING AND THAWING CYCLES AND PROTECTED FROM MOISTURE.
F1: CONCRETE EXPOSED TO FREEZING AND THAWING CYCLES AND OCCASIONAL EXPOSURE TO MOISTURE.
F2: CONCRETE EXPOSED TO FREEZING AND THAWING CYCLES AND IN CONTINUOUS CONTACT WITH MOISTURE.
F3: CONCRETE EXPOSED TO FREEZING AND THAWING CYCLES AND IN CONTINUOUS CONTACT WITH MOISTURE AND EXPOSED TO DEICING CHEMICALS.
C0: CONCRETE DRY AND PROTECTED FROM MOISTURE
C1: CONCRETE EXPOSED TO MOISTURE BUT NOT TO DEICING CHEMICALs.
C2: CONCRETE EXPOSED TO MOISTURE AND DEICING CHEMICALS.

4.3 REINFORCING BARS: ASTM A615 GRADE 60.

4.4 WATERSTOPS: FLEXIBLE PVC WATERSTOPS, CE CRD-C 572, UNLESS NOTED OTHERWISE, WITH FACTORY-INSTALLED METAL EYELETS, FOR EMBEDDING IN CONCRETE TO PREVENT PASSAGE OF FLUIDS THROUGH JOINTS. FACTORY FABRICATE CORNERS, INTERSECTIONS, AND DIRECTIONAL CHANGES. ACCEPTABLE MANUFACTURER IS THE GREENSTREAK GROUP, INC, 800-325-9504, OR EQUAL. PROFILE SHALL BE FLAT, DUMBBELL WITH CENTER BULB WITH DIMENSIONS OF 6 INCHES BY 3/8 INCH THICK.

A. FLEXIBLE WATERSTOP INSTALLATION: INSTALL IN CONSTRUCTION JOINTS AND AT OTHER JOINTS INDICATED TO FORM A CONTINUOUS DIAPHRAGM. INSTALL IN LONGEST LENGTHS PRACTICABLE. SUPPORT AND PROTECT EXPOSED WATERSTOPS DURING PROGRESS OF THE WORK.

4.5 WATERSTOPS: SELF-EXPANDING BUTYL STRIP WATERSTOPS, MANUFACTURED RECTANGULAR OR TRAPEZOIDAL STRIP, BUTYL RUBBER WITH SODIUM BENTONITE OR OTHER HYDROPHILIC POLYMERS FOR ADHESIVE BONDING TO CONCRETE, 3/4 BY 1 INCH. ACCEPTABLE PRODUCT IS SWELLSTOP, UNLESS NOTED OTHERWISE, BY THE GREENSTREAK GROUP INC, 800-325-9504, OR EQUAL.

A. SELF-EXPANDING STRIP WATERSTOP INSTALLATION: INSTALL IN CONSTRUCTION JOINTS AND AT OTHER LOCATIONS INDICATED, ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, ADHESIVE BONDING, MECHANICALLY FASTENING, AND FIRMLY PRESSING INTO PLACE. INSTALL IN LONGEST LENGTHS PRACTICABLE.

4.6 REINFORCING STEEL SHOWN IN SECTIONS AND DETAILS ARE A SCHEMATIC INDICATION THAT REINFORCING EXISTS. SEE SCHEDULES, SECTION NOTES AND GENERAL NOTES FOR ACTUAL REINFORCING REQUIRED.

4.7 REINFORCING BAR PLACING ACCESSORIES IN ACCORDANCE WITH ACI MANUAL OF STANDARD PRACTICE. WHERE CONCRETE IS EXPOSED IN FINISHED BUILDING, PROVIDE ACCESSORIES WITH RUSTPROOF LEGS. WHERE CONCRETE IS SAND-BLASTED OR BUSH-HAMMERED, PROVIDE ACCESSORIES OF STAINLESS STEEL.

4.8 DETAIL REINFORCEMENT IN ACCORDANCE WITH ACI 315. REINFORCEMENT SHALL NOT BE WELDED, UNLESS NOTED OR APPROVED BY THE ENGINEER.

4.9 ALL SPLICES SHALL BE CLASS "B" TENSION LAP SPLICE, UNLESS NOTED.

4.10 ALL REINFORCING MARKED "CONT." INDICATES REINFORCING SHALL BE "CONTINUOUS" AND SHALL BE SPLICED WITH CLASS "B" TENSION LAP SPLICE, UNLESS NOTED.

4.11 PROVIDE CORNER BARS AT ALL CORNERS OF CONTINUOUS REINFORCING IN FOOTINGS, SLABS, OR WALLS. CORNER BARS SHALL BE LONG ENOUGH TO PROVIDE A CLASS "B" LAP SPLICE OF REINFORCING BARS.

4.12 CONCRETE COVERAGE OF REINFORCEMENT, UNLESS NOTED:

FOOTINGS---------------------------------2" TOP & 3" BOTTOM & SIDES
PEDESTALS---------------------------------------1-1/2" CLEAR OF TIES
FOUNDATION RETAINING WALLS----------------------------2" BOTH FACES
WALLS--------------------------2" EXTERIOR FACE, 3/4" INTERIOR FACE
SUMP AND PIT WALLS------------------------------------3" BOTH FACES
SLAB FACES NOT EXPOSED TO WEATHER OR EARTH---------------------3/4"
SLAB FACES EXPOSED TO WEATHER
A. #5 AND LESS---1-1/2"
B. #6 AND GREATER--2"

4.13 PEDESTAL, COLUMN AND WALL VERTICAL REINFORCING: DOWEL TO FOUNDATION WITH HOOKED BARS OF SAME SIZE AND SPACING AS VERTICAL REINFORCING.

4.14 BEAM AND SLAB TOP BARS: EXTEND INTO SUPPORT IN ACCORDANCE WITH ACI STANDARD 318 (CODE). WHERE SUCH EXTENSION IS NOT OBTAINABLE, TERMINATE THE BAR IN A STANDARD HOOK.

4.15 WELDED WIRE REINFORCEMENT (WWR): ASTM A1064, MINIMUM LAP AND EMBEDMENT TO BE THE GREATER OF ONE CROSS WIRE SPACING PLUS 2 INCHES OR 6 INCHES.

4.16 EARTH SUPPORTED SLABS:

TYPICAL, UNLESS NOTED: 4" THICK, REINFORCED WITH 6X6 W2.9/W2.9 WWR FLAT SHEETS SUPPORTED 2" CLEAR OF TOP OF SLAB, UNLESS NOTED. WWR TO BE CHAIRED AT 36 INCHES EACH WAY MINIMUM. SEE FOUNDATION NOTES FOR SUBGRADE REQUIREMENTS.

WHERE NOTED AS 5" THICK (SEE PLAN): REINFORCE WITH 4x4 W2.9/W2.9 WWR FLAT SHEETS SUPPORTED 2" CLEAR OF TOP OF SLAB, UNLESS NOTED. WWR TO BE CHARIED AT 36" INCHES EACH WAY MINIMUM. SEE FOUNDATION NOTES FOR SUBGRADE REQUIREMENTS.

PROVIDE CONTROL AND CONSTRUCTION JOINTS AT 3-4 TIMES SLAB THICKNESS IN FEET MAXIMUM OR AS REQUIRED TO PREVENT UNCONTROLLED CRACKING PER ACI RECOMMENDATIONS. AS AN EXAMPLE, FOR A 4" THICK SLAB PROVIDE JOINTS SPACED 12 – 16 FEET MAXIMUM. PANELS TO BE RECTANGULAR WITH LONG SIDE NOT TO EXCEED 1-1/2X SHORT SIDE. CUTTING SHOULD BE STARTED AS SOON AS CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT AGGREGATE FROM BEING DISLODGE. CONTRACTOR SUBMIT PLAN SHOWING LOCATION OF CONSTRUCTION AND CONTROL JOINTS.

FLOOR DESIGN AND CONSTRUCTION BASIS IS ACI 302 AND 360, AND IT IS UNREALISTIC TO EXPECT CRACK-FREE OR CURL-FREE FLOORS. IT IS NORMAL TO EXPECT SOME AMOUNT OF CRACKING AND CURLING IN THE SLAB ON GRADE, AND SUCH OCCURRENCE DOES NOT NECESSARILY REFLECT ADVERSELY ON EITHER THE ADEQUENCY OF THE FLOOR DESIGN OR THE QUALITY OF ITS CONSTRUCTION.

EARTH SUPPORTED SLABS SHALL BE MOIST CURED FOR A MINIMUM OF SEVEN DAYS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. CURING COMPOUNDS, UNLESS NOTED, SHALL BE A MINIMUM OF CLEAR, WATERBORNE, MEMBRANE-FORMING CURING COMPOUND MEETING ASTM C 309, TYPE 1, CLASS B, SELF-DISSIPATING, CERTIFIED BY CURING COMPOUND MANUFACTURER TO NOT INTERFERE WITH BONDING OF FLOOR COVERING.

WHERE CONTROL JOINTS TERMINATE INTO NON-PARALLEL CONTROL JOINTS, PROVIDE 2#4 X 6'-0" BARS MID DEPTH OF SLAB PERPENDICULAR TO TERMINAL CONTROL JOINT.

PROVIDE 2#4 X 6'-0" BARS MID DEPTH OF SLAB AT REENTRANT CORNERS.

WHERE CONTROL JOINTS TERMINATE AT EMBEDDED STEEL ELEMENTS (SUCH AS EDGE REINFORCEMENT AT LOADING DOCKS), PROVIDE JOINT IN STEEL ELEMENT.

4.17 PLATE DOWELS AND DOWEL BASKETS:

A. CONSTRUCTION JOINTS:
1. PLATE DOWELS SHALL CONSIST OF SMOOTH STEEL GALVANIZED PLATE BARS, ASTM A36 STEEL BY ONE OF THE FOLLOWING:
a. GREENSTREAK GROUP, INC., ST. LOUIS, MO (800) 325-9504 – "SPEED PLATE"
b. PNA – "DIAMOND DOWEL"

B. CONTRACTION JOINTS:
1. PLATE DOWEL BASKET ASSEMBLY SHALL CONSIST OF SMOOTH STEEL GALVANIZED PLATE BARS, ASTM A36, AND WIRE SIDE FRAME SUPPORTS BY ONE OF THE FOLLOWING:
a. GREENSTREAK GROUP, INC., ST. LOUIS, MO (800) 325-9504 – DOUBLE TAPERED BASKET"
b. PNA – "PD3 BASKET"

C. DOWELED JOINT INSTALLATION: INSTALL DOWEL BARS AND SUPPORT ASSEMBLIES AT JOINTS WHERE INDICATED. LUBRICATE OR ASPHALT COAT ONE-HALF OF DOWEL LENGTH TO PREVENT CONCRETE BONDING TO ONE SIDE OF JOINT. FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS FOR PLACEMENT OF PLATE TYPE DOWELS AND DOWEL BASKETS.

4.18 CONSTRUCTION JOINTS IN WALLS: WALL CONSTRUCTION JOINTS SHALL NOT BE LOCATED WITHIN 4'-0" OF EMBED PLATES, CORNERS OF THE WALL, OPENINGS, PIPE SLEEVES OR BLOCKOUTS. SEE WALL CONSTRUCTION JOINT TYPICAL DETAIL.

4.19 NO CONDUIT OR PIPE SHALL BE CAST IN THE SLAB WITHOUT THE WRITTEN APPROVAL OF STRUCTURAL DESIGN GROUP. CONDUIT SHALL NOT BE PLACED IN SLABS REQUIRING A FIRE RESISTANCE RATING OR UL RATING.

4.20 SLAB OPENINGS AND SLEEVES ARE NOT SHOWN ON PLANS. CONTRACTOR SHALL SUBMIT ALL OPENINGS (SIZE AND LOCATIONS) AS A SINGLE COORDINATED SLEEVE PLAN FOR REVIEW AND APPROVAL.

A. PROVIDE A MINIMUM OF ¾" CLEAR BETWEEN ALL SLEEVES AND NEARBY REBAR, EMBED PLATES, ETC.

B. PROVIDE A MINIMUM OF 2-1/2" CLEAR SPACE BETWEEN ALL SLEEVES.

4.21 CAST IN PLACE ALL SLEEVES AND INSERTS.

5.0 STRUCTURAL STEEL

5.1 FABRICATE AND ERECT ALL STRUCTURAL STEEL IN ACCORDANCE WITH AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS". FABRICATOR SHALL BE QUALIFIED BY PARTICIPATING IN THE AISC QUALITY CERTIFICATION PROGRAM AND HOLD THE AISC BUILDING FABRICATOR QMS CERTIFICATION (BU).

5.2 THE STEEL FRAME IS "NON-SELF-SUPPORTING". ADEQUATE TEMPORARY SUPPORT MUST BE PROVIDED BY THE CONTRACTOR UNTIL REQUIRED CONNECTIONS OR ELEMENTS ARE IN PLACE.

5.3 STRUCTURAL STEEL: ASTM A992 FOR WIDE FLANGE BEAMS AND COLUMNS AND STEEL CHANNELS; A572 FOR S, M, HP SHAPES AND STEEL ANGLES; ASTM A36 FOR STIFFENER PLATES, BASE PLATES, COLUMN CAP PLATES, BEAM CONNECTION PLATES.

5.4 HOLLOW STRUCTURAL SECTIONS (HSS): ASTM A500, GRADE C.

5.5 STRUCTURAL STEEL PIPE: ASTM A53, GRADE B.

5.6 WELDED CONNECTIONS: E70XX ELECTRODES, MINIMUM SIZE FILLET WELD 3/16". WELDING QUALIFICATION, PROCEDURES AND PERSONNEL SHALL BE CERTIFIED ACCORDING TO AWS D1.1, THE STRUCTURAL WELDING CODE - STEEL.

5.7 THREADED AND PLAIN STEEL RODS: ASTM A36

5.8 HIGH STRENGTH THREADED RODS: ASTM A193 B7

5.9 STAINLESS STEEL THREADED RODS: ASTM F593 AISI 304 OR 316

5.10 STAINLESS STEEL HIGH STRENGTH THREADED RODS: ASTM A193 B8 CLASS 2

5.11 ANCHOR RODS: ASTM F1554 GRADE 36 ANCHOR AND HEAVY HEX NUT OR ASTM F1554 GRADE 55 ANCHOR AND HEAVY HEX NUT WITH SUPPLEMENTARY REQUIREMENT S1, UNLESS OTHERWISE INDICATED.

5.12 HEADED STUDS: TYPE B SHEAR STUD CONNECTORS MADE FROM ASTM A108, GRADE 1015 OR 1020, COLD-FINISHED CARBON, AND COMPLYING WITH AWS D1.1.

5.13 CONNECTIONS:

A. BEARING TYPE A325-N IN ACCORDANCE WITH RCSC (LRFD OR ASD VERSION) "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". BOLTS THROUGH 4" WIDE BEAM FLANGES SHALL BE 5/8" DIAMETER. OTHERWISE, BOLTS SHALL BE 3/4" DIAMETER.

B. USE SNUG TIGHT BEARING CONNECTIONS FOR ALL BOTLED CONNECTIONS.

C. BOLTS SHOWN IN SECTIONS AND DETAILS ARE A SCHEMATIC INDICATION THAT BOLTS MAY BE USED. ACTUAL NUMBER, UNLESS SPECIFIED, TO BE IN ACCORDANCE WITH AISC.

D. ALL STRUCTURAL STEEL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE DESIGNED TO RESIST FORCES INDICATED, BY THE CONTRACTOR.

1. WHERE BEAM REACTIONS ARE SHOWN ON THE DRAWINGS, THE CONNECTIONS SHALL DEVELOP THE REACTIONS SHOWN. WHERE CONNECTIONS ARE SUBJECT TO ECCENTRICITY, SUCH ECCENTRICITY SHALL BE TAKEN INTO ACCOUNT WHEN DESIGNING AND DETAILING THE CONNECTION.

2. WHERE BEAM REACTIONS OR DESIGN FORCES ARE NOT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL CONTACT STRUCTURAL DESIGN GROUP FOR DIRECTION.

E. DESIGN CALCULATIONS FOR THE CONNECTIONS DESIGNED BY THE CONTRACTOR SHALL BE SUBMITTED FOR THE FILES OF THE ARCHITECT AND ENGINEER. CALCULATIONS SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. SHOP DRAWINGS CONTAINING CONNECTIONS FOR WHICH CALCULATIONS HAVE NOT BEEN RECEIVED WILL BE RETURNED UNCHECKED AS AN INCOMPLETE SUBMITTAL.

F. WHERE MOMENT CONNECTIONS (MC) ARE SHOWN ON THE DRAWINGS, AND NOT SPECIFICALLY DETAILED, THE CONNECTIONS SHALL BE DESIGNED TO SUPPORT A MOMENT EQUAL TO 100% OF THE MAXIMUM LIMITING BUCKLING MOMENT, M_r, AS PUBLISHED IN THE AISC MANUAL OF STEEL CONSTRUCTION FOR A GIVEN SHAPE, SPAN, AND GRADE OF STEEL, UNLESS NOTED OTHERWISE. DESIGN SHALL INCLUDE FLANGE CONNECTION TO COLUMN/BEAM, AND DOUBLERS PLATES AND/OR STIFFENERS WHERE REQUIRED.

5.14 ALL STRUCTURAL STEEL, INCLUDING EXPOSED BOLTS, NUTS, WASHERS OR ANCHOR RODS, EXPOSED TO WEATHER IN THE FINAL CONFIGURATION OF THE STRUCTURE SHALL BE HOT-DIP GALVANIZED, UNLESS NOTED OTHERWISE, PER ASTM A123/A123M. VENT HOLES SHALL BE FILLED AND GROUND SMOOTH AFTER GALVANIZING. DAMAGE TO GALVANIZING SHALL BE PAINTED WITH GALVANIZING REPAIR PAINT, SSPC-PAINT 20. SEE 05120 SPECIFICATION FOR PAINT REQUIREMENTS FOR STEEL THAT IS GALVANIZED AND PAINTED.

5.15 WHERE STEEL BEAMS ARE CONTINUOUS OVER COLUMNS, PROVIDE WEB STIFFENER PLATES EACH SIDE OF BEAM WEB, OF THICKNESS EQUAL TO BEAM FLANGE THICKNESS, LOCATED IN ALIGNMENT WITH COLUMN WEB OR FLANGES OR CENTER LINE OF HSS COLUMNS.

5.16 PROVIDE ½" THICK CLOSURE PLATES ON THE ENDS OF HSS BEAMS UNLESS NOTED OTHERWISE. SHOP WELD ALL AROUND TO BEAM WITH 1/4" PARTIAL PENETRATION WELDS.

5.17 ALL STEEL EXPOSED TO WEATHER, INCLUDING STEEL LINTELS FOR MASONRY OPENINGS, EXCEPT WHERE FABRICATED OF APPROVED CORROSION-RESISTANT STEEL OR OF STEEL HAVING A CORROSION RESISTANT OR OTHER APPROVED COATING, SHALL BE PROTECTED AGAINST CORROSION WITH AN APPROVED COAT OF PAINT, ENAMEL, OR OTHER APPROVED PROTECTION.

5.18 STEEL STAIRS AND ASSOCIATED EMBEDS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE DESIGNED TO RESIST THE PROJECT DESIGN LOADS INDICATED ABOVE, BY THE CONTRACTOR, UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. STAIRS SHALL BE DESIGNED IN ACCORDANCE WITH THE NAAMM METAL STAIR MANUAL AND AISC, AND AS LISTED BELOW. CALCULATIONS SHALL BEAR THE SEAL OF THE PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED AND SHALL BE INCLUDED WITH THE STAIR SHOP DRAWINGS. STAIR SHOP DRAWINGS THAT DO NOT CONTAIN DESIGN CALCULATIONS (MEMBERS, CONNECTIONS, ANCHORAGE, ETC.) WILL BE RETURNED UNCHECKED AS AN INCOMPLETE SUBMITTAL.

A. STAIR FRAMING SHALL BE CAPABLE OF WITHSTANDING STRESSES RESULTING FROM RAILING LOADS IN ADDITION TO LOADS SPECIFIED ABOVE.
B. LIMIT DEFLECTION OF TREADS, PLATFORMS, AND FRAMING MEMBERS TO L/360 OR 1/4 INCH, WHICHEVER IS LESS.
C. DESIGN OF STAIR FRAMING SHALL ALSO COMPLY WITH AISC'S "STEEL DESIGN GUIDE SERIES 11; FLOOR VIBRATIONS DUE TO HUMAN ACTIVITY."

5.19 ALL HANDRAILS, GUARDRAILS, AND EMBEDS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE DESIGNED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE NOTED ABOVE, BY THE CONTRACTOR, UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. CALCULATIONS SHALL BEAR THE SEAL OF THE PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED AND SHALL BE SUBMITTED FOR THE FILES OF THE ARCHITECT/ENGINEER AND SHALL BE INCLUDED WITH THE SHOP DRAWINGS.

6.0 STEEL JOISTS

6.1 DESIGN, FABRICATE, AND ERECT STEEL JOISTS IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE (SJI).

6.2 PROVIDE A MINIMUM END BEARING ON STEEL SUPPORTS AS REQUIRED BY SJI. STAGGER THE ENDS OF JOIST IF NECESSARY. GENERAL CONTRACTOR COORDINATE METAL DECK SPLICE LOCATION TO CENTER OVER JOIST.

6.3 PROVIDE HORIZONTAL AND DIAGONAL BRIDGING IN ACCORDANCE WITH SJI TO PROVIDE ADEQUATE JOIST CHORD BRACING.

6.4 AT JOISTS PARALLEL TO BEAMS, ANCHOR BRIDGING ROWS BY WELDING TO BEAMS.

6.5 DESIGN ROOF JOISTS TO RESIST THE WIND UPLIFT LOADING FROM THE COMPONENTS AND CLADDING WIND LOAD TABLE PROVIDED IN THE TYPICAL DETAILS.

6.6 IN ADDITION TO THE LOADS INDICATED IN THE STRUCTURAL DRAWINGS, JOISTS SHALL BE DESIGNED FOR CONCENTRATED LOADS IN EXCESS OF 100 LB HUNG FROM OR SUPPORTED BY JOISTS. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR LOADING INFORMATION AND LOCATIONS. LOADING AS REQUIRED BY OTHER SUBCONTRACTORS, SUCH AS FIRE PROTECTION, SHALL BE COORDINATED BY THE GENERAL CONTRACTOR.

6.7 JOIST SEATS FOR JOIST BEARING ON BEAMS OR WALLS IN LINE WITH LATERAL FRAMES OR SHEAR WALLS SHALL BE DESIGNED FOR A ROLLOVER FORCE EQUAL TO 30% OF THE DEAD LOAD OF THE JOIST REACTION, UNLESS NOTED OTHERWISE. IN NO CASE SHALL THE ROLLOVER FORCE BE LESS THAN 200 PLF PERPENDICULAR TO THE JOIST SEAT.

6.8 JOISTS AND JOIST SEATS SHALL BE DESIGNED FOR AXIAL LOADS WHERE INDICATED IN THE STRUCTURAL DRAWINGS.

6.9 DESIGN CALCULATIONS SHALL BE SUBMITTED FOR THE FILES OF THE ARCHITECT AND STRUCTURAL ENGINEER FOR JOISTS WITH CANTILEVERS OR CONCENTRATED LOADS AND FOR JOIST SIZES FOR WHICH STANDARD SJI LOAD TABLES ARE NOT APPLICABLE. CALCULATIONS SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. SHOP DRAWINGS CONTAINING JOISTS FOR WHICH CALCULATIONS HAVE NOT BEEN RECEIVED WILL BE RETURNED UNCHECKED AS AN INCOMPLETE SUBMITTAL.

6.10 LIGHT GAUGE METAL FRAMING, SUSPENDED CEILINGS, LIGHT FIXTURES, DUCTS, PIPING OR OTHER UTILITIES SHALL NOT BE SUPPORTED BY THE JOIST BRIDGING.

7.0 STEEL DECK

7.1 DECK PROPERTIES AND ATTACHMENTS SHALL BE IN ACCORDANCE WITH THE STEEL DECK INSTITUTE.

7.2 DECK SHALL BE CONTINUOUS OVER THREE OR MORE SPANS. WHERE DECK SPANS LESS THAN THREE SPANS ARE REQUIRED, THEY SHOULD BE CLEARLY MARKED ON THE SHOP DRAWINGS.

7.3 STEEL ROOF DECK SHALL BE CONNECTED TO SUPPORTING STRUCTURE AS SHOWN IN THE TYPICAL DETAILS.

MANUFACTURER SHALL VERIFY ROOF DECK ATTACHMENT IS ADEQUATE TO RESIST THE WIND UPLIFT LOADING FROM THE COMPONENTS AND CLADDING WIND LOADS TABLE PROVIDED IN THE TYPICAL DETAILS.

7.4 ROOF DECK: WIDE RIB TYPE "WR", STEEL ROOF DECK, 22 GAUGE, GRADE 50, 1-1/2" DEEP, GALVANIZED. SEE TYPICAL DETAILS FOR ROOF DECK ATTACHMENT.

7.5 FORM DECK: 2 ½" THICK CONCRETE SLAB ON NON-COMPOSITE STEEL FORM DECK, 28 GAGE, 9/16" DEEP WITH 6X6 W2.1/W2.1 WWR AT MID DEPTH OF SLAB (3" THICK SLAB TOTAL). DECK SHALL BE CONNECTED TO SUPPORTING STRUCTURE WITH 5/8" DIAMETER PUDDLE WELDS WITH WELD WASHERS FOR DECKS THINNER THAN 22 GAGE OR #12 TEK SCREWS SPACED AT 10" ON CENTER.

7.6 COMPOSITE FLOOR DECK:

A. 3 ½" THICK CONCRETE SLAB ON 2" STEEL COMPOSITE FLOOR DECK (5 ½" TOTAL SLAB THICKNESS), UNLESS NOTED. DECK SHALL CONFORM TO 2" VLI, 20 GAGE, GALVANZIZED, AS MANUFACTURED BY VULCRAFT OR APPROVED EQUAL. REINFORCE SLAB WITH 6X6 W2.1/W2.1 WWR SUPPORTED BY "UPPER CONTINUOUS HIGH CHAIRS" OVER BEAMS AND GIRDERS TO MAINTAIN 1" COVERAGE OF WWR.

B. DECK SHALL BE WELDED TO SUPPORTS WITH A 5/8" DIAMETER PUDDLE WELD OR EQUIVALENT AT ALL EDGE RIBS PLUS A SUFFICIENT NUMBER OF INTERIOR RIBS TO PROVIDE A MAXIMUM AVERAGE SPACING OF 12 INCHES. THE MAXIMUM SPACING BETWEEN ADJACENT POINTS OF ATTACHMENT SHALL NOT EXCEED 18 INCHES.

C. IF STUDS ARE BEING APPLIED THROUGH THE DECK ONTO STRUCTURAL STEEL, THE STUD WELDS CAN BE USED TO REPLACE THE PUDDLE WELDS ON A ONE-FOR-ONE BASIS.

D. DECK UNITS WITH SPANS GREATER THAN FIVE FEET SHALL HAVE SIDE LAPS AND PERIMETER EDGES FASTENED AT MIDSPAN OR 36" O.C. - WHICHEVER IS SMALLER.

E. IF A BENT PLATE OR EDGE ANGLE IS PROVIDED ON TOP OF THE SUPPORTING BEAM, IT IS NOT ACCEPTABLE TO WELD HEADED STUDS TO THE BENT PLATE OR EDGE ANGLE, STUDS MUST BE WELDED DIRECTLY TO THE SUPPORTING BEAM FLANGE.

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No. 36803-E
11-21-24

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS
CITY OF GADSDEN
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23-083

KEY PLAN :

ARCHITECT OF RECORD :
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ISSUE DATE:
NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
GENERAL NOTES

SHEET NUMBER:
S-100

GENERAL NOTES

7.7 SHEAR CONNECTORS: 3/4" DIAMETER, 4" LONG (AFTER WELD), HEADED STUDS ASTM A108, UNLESS NOTED OTHERWISE. SPACE UNIFORMLY ALONG MEMBER WHERE SINGLE VALUE IS GIVEN. SPACE UNIFORMLY ALONG PART OF MEMBER BETWEEN SUPPORTED BEAMS, OR COLUMN AND BEAM, WHERE MORE THAN ONE VALUE IS GIVEN. MAXIMUM CONNECTOR SPACING IS 36" WHEN DECK RIBS ARE ORIENTED PERPENDICULAR TO BEAM AND 44" WHEN DECK RIBS ARE PARALLEL TO BEAM. MINIMUM SPACING OF SHEAR CONNECTORS SHALL BE 3" PERPENDICULAR TO BEAM AND 4-1/2" PARALLEL TO BEAM.

7.8 WELDED CONNECTIONS: E60XX ELECTRODES: WELDING QUALIFICATION, PROCEDURES AND PERSONNEL SHALL BE CERTIFIED ACCORDING TO AWS D1.3, THE STRUCTURAL WELDING CODE - SHEET STEEL.

ROOF DECK GALVANIZING DAMAGED BY WELDING AND WELD ITSELF SHALL BE PAINTED WITH A COLD GALVANIZING PAINT.

7.9 NO CONDUIT OR PIPE SHALL BE CAST IN THE SLAB WITHOUT THE WRITTEN APPROVAL OF STRUCTURAL DESIGN GROUP.

7.10 LIGHT GAUGE METAL FRAMING, SUSPENDED CEILINGS, LIGHT FIXTURES AND DUCTS OR OTHER UTILITIES SHALL NOT BE SUPPORTED BY THE METAL ROOF DECK.

7.11 NAILABLE SUBSTRATE SHALL BE FASTENED TO STEEL ROOF DECK WITH #8 ROUND HEAD, ZINC PLATED SELF-TAPPING SCREWS AT 12" O.C. EACH WAY. AT CORNER ZONES, ATTACH SCREWS AT 6" O.C. - SEE TYPICAL DETAILS FOR CORNER ZONES.

8.0 MASONRY

8.1 MASONRY CONSTRUCTION SHALL CONFORM TO TMS 402-16 AND TMS 602-16 REQUIREMENTS.

8.2 ALL MASONRY MATERIALS AND CONSTRUCTION SHALL COMPLY WITH THE RECOMMENDATIONS OF BRICK INSTITUTE OF AMERICA (BIA) AND NATIONAL CONCRETE MASONRY ASSOCIATION (NCMA) AND MINIMUM REQUIREMENTS ESTABLISHED BY THE LOCAL BUILDING CODE.

8.3 MINIMUM COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNIT (f'm) SHALL BE 2000 PSI AT 28 DAYS.

8.4 NET COMPRESSIVE STRENGTH FOR EACH CMU UNIT SHALL MEET OR EXCEED 2000 PSI AT 28 DAYS. FOR TYPE N MORTAR, NET COMPRESSIVE STRENGTH FOR BLOCK SHALL BE GREATER THAN 2650 PSI.

8.5 GROUT COMPRESSIVE STRENGTH SHALL BE 2500 PSI AT 28 DAYS. GROUT SHALL ADDITIONALLY COMPLY WITH TABLE 6 OF TMS 602 FOR DIMENSIONS OF GROUT SPACES AND POUR HEIGHTS. COURSE GROUT SHALL BE USED WHERE POSSIBLE.

8.6 ALL MASONRY SHALL BE LIGHT WEIGHT IN ACCORDANCE WITH ASTM C90.

8.7 MORTAR: EXCEPT OTHERWISE SET FORTH HEREIN ALL MORTARS AND THE MATERIALS THEREIN SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR MORTAR OF MASONRY UNITS, ASTM C270.

A. THE TYPE OF MORTAR BASED ON CONSIDERATION OF THE LOCATION OF THE UNIT MASONRY CONSTRUCTION SHALL BE AS FOLLOWS:

USE OF LOCATION	TYPE OF MORTAR
BELOW GRADE FOUNDATION AND WALLS	M
RETAINING WALLS	M
EXTERIOR WALLS AND LOAD BEARING WALLS	M OR S
SOLID MASONRY UNITS	ONE CLASSIFICATION LESS THAN THE ABOVE
MORTAR OR GROUT UNDER CONCENTRATED LOADS	M
FENCES OR SITE WALLS	M OR S

8.8 ALL MASONRY SHALL BE RUNNING BOND, UNLESS NOTED.

8.9 ALL BLOCK CELLS AND CAVITIES BELOW GRADE SHALL BE FILLED WITH CONCRETE OR GROUT.

8.10 MASONRY REINFORCING LAP SPLICE LENGTHS PER SCHEDULE. SEE MASONRY LAP SPLICE LENGTHS TYPICAL DETAIL.

8.11 THE CONTRACTOR SHALL PROVIDE DETAILED SHOP DRAWINGS OF THE CMU REINFORCEMENT.

8.12 PROVIDE HORIZONTAL JOINT REINFORCING IN REINFORCED MASONRY WALLS AS DIRECTED BY THE ARCHITECT. AT WALL CORNERS AND INTERSECTIONS, PROVIDE PREFABRICATED T AND L SHAPES, FIELD BENDING IS NOT PREMITTED. MINIMUM OF LADDER TYPE ZINC COATED CONFORMING TO ASTM A82 HOHMANN & BARNARD 220 LADDER-MESH OR EQUIVALENT AT EVERY OTHER BLOCK COURSE ABOVE FOOTING. REINFORCEMENT SHOULD CONSIST OF TWO OR MORE LONGITUDINAL WIRES, NO. 9 GAUGE OR LARGER, WELDED WITH NO. 9 GAUGE OR LARGER CROSS WIRES. LAP SPLICE HORIZONTAL JOINT REINFORCING A MINIMUM OF 12".

8.13 WHERE TWO OR MORE WYHTES OF CMU ARE PRESENT, TIE TOGETHER WITH LADDER TYPE REINFORCING AT 16" VERTICALLY O.C.

8.14 MODIEY CMU BLOCKS AS REQUIRED TO INSTALL REINFORCING AS NOTED/SHOWN.

8.15 WHERE MASONRY WALLS SUPPORT EARTH ON BOTH SIDES, BACKFILL EACH SIDE SIMULTANEOUSLY.

8.16 WHERE TOP OF FOOTING SUPPORTING MASONRY WALLS IS MORE THAN 2'-8" BELOW FINISH FLOOR, PROVIDE #6@16, UP TO THE FINISH FLOOR ELEVATION, IN ADDITION TO SPECIFIED REINFORCEMENT.

8.17 THE MASONRY WALLS ARE "NON-SELF-SUPPORTING". ADEQUATE TEMPORARY SUPPORT MUST BE PROVIDED BY THE CONTRACTOR UNTIL REQUIRED CONNECTIONS OR ELEMENTS ARE IN PLACE. BRACING SHALL BE PER THE FOLLOWING, AND CONTRACTOR SHALL PROVIDE ADDED REINFORCING AND GROUT IF REQUIRED BY THE BRACING.

A. THE "2012 STANDARD PRACTICE FOR BRACING MASONRY WALLS UNDER CONSTRUCTION".
B. THE "MASONRY WALL BRACING HANDBOOK" AS PUBLISHED BY THE MASONRY CONTRACTORS ASSOCIATION OF AMERICA (MCAA) SHOULD BE USED IN CONJUNCTION WITH THE "STANDARD PRACTICE".

9.0 COLD-FORMED STEEL FRAMING (NON-LOAD BEARING)

9.1 STRUCTURAL PROPERTIES OF COLD-FORMED STEEL FRAMING SHALL BE COMPUTED IN ACCORDANCE WITH AISI "NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING" AND OTHER APPLICABLE AISI STANDARDS, LATEST EDITIONS.

9.2 UNLESS SPECIFICALLY DESIGNED AND DETAILED IN DRAWINGS, GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL COLD-FORMED STEEL FRAMING. SEE ARCHITECTURAL DETAILS FOR FRAMING LAYOUT AND SECTIONS. COLD-FORMED STEEL FRAMING SHOP DRAWINGS AND DESIGN CALCULATIONS SHALL BE SUBMITTED FOR FILES OF THE STRUCTURAL ENGINEER. CALCULATIONS SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.

9.3 FOR BIDDING PURPOSES THE EXTERIOR VERTICAL WALLS STUDS SHOULD BE A 600S200-54 @ 16. PARAPET BRACING AND OTHER STRUCTURAL STUDS SHOULD BE A MINIMUM OF 16GA.

9.4 DEFLECTION LIMITS FOR MEMBERS:

A. SOFFITS: DL L/240 LL L/240 TL L/180
B. WALL SUPPORTING BRICK: HORIZONTAL DEFLECTION OF L/600
C. WALL SUPPORTING STUCCO: HORIZONTAL DEFLECTION OF L/360
D. WALL SUPPORTING EIFS: HORIZONTAL DEFLECTION OF L/240
E. WALL PARTITIONS: HORIZONTAL DEFLECTION OF L/180

9.5 COLD-FORMED STEEL FRAMING MEMBERS SHALL NOT BE SUPPORTED BY THE STEEL ROOF DECK UNLESS NOTED.

9.6 COLD-FORMED STEEL FRAMING MEMBERS ARUTTING STRUCTURE SHALL HAVE VERTICAL SLIP TRACKS TO ACCOMMODATE UP TO 3/4" VERTICAL MOVEMENT UP OR DOWN.

9.7 VERTICAL STUDS INTERRUPTED BY WALL OPENINGS SHALL BE LOCATED EQUALLY ON EACH SIDE OF THE OPENING. PROVIDE EVEN NUMBER OF FULL HEIGHT STUDS ON EACH SIDE OF OPENING. WELD STUD FLANGES TOGETHER WITH 1/8" FILLET WELD 1" LONG SPACED AT 6" O.C.

9.8 WELDED CONNECTIONS: E60XX ELECTRODES, MINIMUM SIZE FILLET WELD 1/8". WELDING QUALIFICATION, PROCEDURES AND PERSONNEL SHALL BE CERTIFIED ACCORDING TO AWS D1.3, THE STRUCTURAL WELDING CODE - SHEET STEEL.

9.9 PROVIDE SHOP DRAWINGS SHOWING PLANS, ELEVATIONS AND CONNECTION DETAILS FOR ALL NON-LOAD BEARING COLD-FORMED STEEL FRAMING.

9.10 ALL CONNECTIONS OF THE COLD-FORMED STEEL FRAMING MEMBERS TO THE STRUCTURE SHALL BE FULLY DETAILED ON THE COLD-FORMED STEEL FRAMING SHOP DRAWINGS. ANY SPECIAL LOADING IMPOSED ON THE STRUCTURE SHALL BE CLEARLY INDICATED ON THE SHOP DRAWINGS.

10.0 POST-INSTALLED REINFORCING, ANCHORS AND FASTENERS

10.1 POST-INSTALLED ANCHORS AND/OR REINFORCING SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER-OF-RECORD PRIOR TO INSTALLING POST-INSTALLED ANCHORS AND/OR REINFORCING IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS AND/OR REINFORCING.

10.2 THE BELOW PRODUCTS ARE THE DESIGN BASIS FOR THIS PROJECT. PRODUCT DIAMETER AND EMBEDMENT SHALL BE SHOWN IN THE DETAILS.

10.3 FOR ANCHORING INTO CONCRETE:

A. MECHANICAL ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. PRE-APPROVED PRODUCTS INCLUDE:

1. SIMPSON STRONG-TIE "TITEN-HD" (ICC-ES ESR-2713 & IAPMO-UES ER-493)
2. SIMPSON STRONG-TIE "STRONG-BOLT 2" (ICC-ES ESR-3037)
3. SIMPSON STRONG-TIE "TITEN-HD ROD HANGER" (ICC-ES ESR-2713)
4. SIMPSON STRONG-TIE "TITEN TURBO" (IAPMO-UES ER-712) - FOR UNCRACKED CONCRETE ONLY
5. HILTI KWIK HUS-EZ (KH-EZ), KH-EZ CRC, KH-EZ SS316, KH-EZ C, KH-EZ E, KH-EZ-I, AND KH-EZ P SCREW ANCHOR SAFE SET SYSTEM WITH HOLLOW DRILL BIT AND VACUUM (ICC ESR-3027)
6. HILTI KWIK BOLT-TZ2 EXPANSION ANCHOR SAFE SET SYSTEM WITH HOLLOW DRILL BIT AND VACUUM AND SI-AT-A22 TOOL WITH ADAPTIVE TORQUE FOR APPLICABLE SIZES (ICC ESR-4266)
7. HILTI KWIK BOLT 1 EXPANSION ANCHOR SAFE SET SYSTEM WITH HOLLOW DRILL BIT AND VACUUM AND SI-AT-A22 TOOL WITH ADAPTIVE TORQUE FOR APPLICABLE SIZES (ICC ESR-678)
8. HILTI HDA UNDERCUT ANCHORS (ICC ESR 1546)
9. HILTI HSL-4 EXPANSION ANCHORS (ICC ESR 4386)
10. DEWALT SCREW-BOLT+ (ICC-ES ESR-3889)
11. DEWALT POWER-STUD+ SD2 (ICC-ES ESR-2502)
12. DEWALT POWER-STUD SD1 (ICC-ES ESR-2818)
13. DEWALT HANGERMATE+ (ICC-ES ESR-3889)
14. DEWALT CCU+ UNDERCUT (ICC-ES ESR-4810)
15. DEWALT POWER-BOLT+ (ICC-ES ESR-3260)

B. ADHESIVE FOR REBAR AND ANCHORS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ACI 355.4 AND ICC-ES AC308 FOR CRACKED CONCRETE AND SEISMIC APPLICATIONS. DESIGN ADHESIVE BOND STRENGTH HAS BEEN BASED ON ACI 355.4 TEMPERATURE CATEGORY B WITH INSTALLATIONS INTO DRY HOLES DRILLED USING A CARBIDE DRILL BIT INTO CRACKED CONCRETE THAT HAS CURED FOR AT LEAST 21 DAYS. ADHESIVE ANCHORS REQUIRING CERTIFIED INSTALLATIONS, SUCH AS HORIZONTAL TO UPWARD INCLINED ORIENTATION UNDER SUSTAINED TENSION LOADING, SHALL BE INSTALLED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER PER ACI 318-19 26.7.2 & 26.7.2(e)). INSTALLATIONS REQUIRING CERTIFIED INSTALLERS SHALL BE INSPECTED PER ACI 318-19 26.7.2 & 26.7.2(e). PRE-APPROVED PRODUCTS INCLUDE:

1. SIMPSON STRONG-TIE "SET-3G" (ICC-ES ESR-4057)
2. SIMPSON STRONG-TIE "AT-3G" (ICC-ES ESR 5026)
3. HILTI HIT-HY 200 V3 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT AND VACUUM WITH CONTINUOUSLY DEFORMED REBAR (ICC ESR-4868)
4. HILTI HIT-RE 500 V3 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT AND VACUUM WITH CONTINUOUSLY DEFORMED REBAR (ICC ESR-3814)
5. HILTI KWIK-X DUAL ACTION ANCHOR SAFESET SYSTEM WITH KHC CAPSULE ADHESIVE AND KWIK-HUS EZ (ICC ESR-5065)
6. DEWALT PURE110+ FOR WARM WEATHER/SLOW CURE (ICC-ES ESR-3298); FOR ANCHORS AND REBAR: WHEN DEWALT DUSTX+ EXTRACTION SYSTEM IS USED, TRADITIONAL HOLE CLEANING METHODS USING STEEL BRUSHES AND COMPRESSED DRY AIR MAY BE COMPLETELY OMITTED PER ICC-ES ESR-3298
7. DEWALT AC200+ FOR COLD WEATHER/RAPID CURE (ICC-ES ESR-4027); FOR ANCHORS AND REBAR: WHEN DEWALT DUSTX+ EXTRACTION SYSTEM IS USED, TRADITIONAL HOLE CLEANING METHODS USING STEEL BRUSHES AND COMPRESSED DRY AIR MAY BE COMPLETELY OMITTED PER ICC-ES ESR-4027

C. POWER-ACTUATED FASTENERS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC70. PRE-APPROVED PRODUCTS INCLUDE:

1. SIMPSON STRONG-TIE "GAS ACTUATED PINS" (ICC-ES ESR-2811)
2. SIMPSON STRONG-TIE "POWDER ACTUATED PINS" (ICC-ES ESR-2138)
3. HILTI "UNIVERSAL KNURLED SHANK FASTENERS" X-U (ICC ESR-2269)
4. DEWALT "POWER DRIVEN FASTENERS", POWDER ACTUATED (ICC-ES-ESR 2024)
5. DEWALT "TRAK-IT C5", GAS ACTUATED (ICC-ES-ESR 3275)

10.4 FOR FASTENING INTO STEEL: POWER-ACTUATED FASTENERS SHALL HAVE BEEN TESTED IN ACCORDANCE WITH ICC-ES AC70. PRE-APPROVED PRODUCTS INCLUDE:

A. SIMPSON STRONG-TIE "GAS ACTUATED PINS" (ICC-ES ESR-2811)
B. SIMPSON STRONG-TIE "POWDER ACTUATED PINS" (ICC-ES ESR-2138)
C. HILTI FASTENERS IN LIEU OF #12 TEK SCREWS:

1. HILTI S-MD 12-24x1-5/8 HWH5 SCREWS FOR STUDS, JOISTS AND BEAMS 16 GA ≤ TF ≤ 1/4"
2. HILTI X-HSN 24 PINS FOR JOISTS AND BEAM 1/8" ≤ TF ≤ 3/8"
3. HILTI X-ENP 19 L15 PINS FOR BEAMS TF ≥ 1/4".

D. DEWALT "POWER DRIVEN FASTENERS", POWDER ACTUATED (ICC-ES-ESR 2024)
E. DEWALT "TRAK-IT C5", GAS ACTUATED (ICC-ES-ESR 3275)

10.5 REFER TO THE PROJECT BUILDING CODE AND/OR EVALUATION REPORT FOR SPECIAL INSPECTIONS AND PROOF LOAD REQUIREMENTS.

10.6 SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE LISTED MAY BE SUBMITTED BY THE CONTRACTOR TO THE EOR FOR REVIEW NO LESS THAN TWO WEEKS PRIOR TO BID. SUBSTITUTIONS WILL ONLY BE CONSIDERED FOR PRODUCTS HAVING A RESEARCH REPORT RECOGNIZING THE PRODUCT FOR THE APPROPRIATE APPLICATION UNDER THE PROJECT BUILDING CODE. SUBSTITUTION REQUESTS SHALL INCLUDE CALCULATIONS PREPARED & SEALED BY A REGISTERED PROFESSIONAL ENGINEER THAT DEMONSTRATE THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE EQUIVALENT. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE TEMPERATURE, AND INSTALLATION TEMPERATURE.

10.7 INSTALL ANCHORS PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII), OR AS INCLUDED IN THE ANCHOR PACKAGING.

10.8 THERE IS TO BE NO GAP BETWEEN CONNECTED PARTS, UNLESS SHIMS ARE PROVIDED. ANCHORS ARE TO SECURE CONNECTED PARTS TOGETHER SNUGLY AND SECURELY.

10.9 OVERHEAD ADHESIVE ANCHORS MUST BE INSTALLED USING THE MANUFACTURER'S INSTRUCTIONS AND INSTALLER MUST BE ACI CERTIFIED.

10.10 THE CONTRACTOR SHALL ARRANGE FOR AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER OF RECORD MUST RECEIVE DOCUMENTED CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.

10.11 THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S SPECIAL INSPECTION AGENCY FOR CONTINUOUS SPECIAL INSPECTION OF ADHESIVE ANCHORS AND PERIODIC INSPECTION OF MECHANICAL ANCHORS, SEE SPECIAL INSPECTION SCHEDULE FOR ADDITIONAL INFORMATION.

10.12 ANCHOR CAPACITY IS DEPENDENT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.

10.13 EXISTING REINFORCING BARS AND/OR CONDUIT IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. CARE SHALL BE TAKEN IN PLACING POST-INSTALLED ANCHORS AND/OR REINFORCING TO AVOID CONFLICTS WITH EXISTING REBAR AND/OR CONDUIT. UNLESS NOTED ON THE DRAWINGS THAT THE BARS CAN BE CUT, THE CONTRACTOR SHALL REVIEW THE EXISTING STRUCTURAL DRAWINGS AND SHALL UNDERTAKE TO LOCATE THE POSITION OF THE REINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS BY GPR, X-RAY, HILTI PS 1000 X-SCAN, CHIPPING, OR OTHER MEANS.

11.0 ELEVATOR

11.1 CONTRACTOR COORDINATE ELEVATOR SHAFT WIDTH, SHAFT LENGTH, PIT DEPTH, AND ALL OTHER REQUIREMENTS WITH ARCHITECTURAL DRAWINGS AND ELEVATOR MANUFACTURER PRIOR TO CONSTRUCTION.

11.2 PROVIDE W8x24 ELEVATOR HOIST BEAM. TOP OF BEAM 2" CLEAR FROM ROOF FRAMING. POSITION AS REQUIRED BY ELEVATOR MANUFACTURER. COORDINATE ELEVATION WITH ELEVATOR REQUIREMENTS.

11.3 BEAMS AT ELEVATOR SHAFT HAVE BEEN DESIGNED FOR A TEMPORARY CONCENTRATED LOAD OF 5 KIPS TO SERVE AS HOIST BEAMS FOR ELEVATOR INSTALLATION. CONTRACTOR VERIFY LOAD WITH ELEVATOR MANUFACTURER.

11.4 ANY ADDITIONAL STEEL REQUIRED FOR ELEVATOR INSTALLATION (SAFETY BEAMS, CLIPS, EMBEDS, ETC.) SHALL BE PROVIDED BY THE ELEVATOR MANUFACTURER AND INCLUDED IN THEIR ORIGINAL PRICE TO THE CONTRACTOR. CONTRACTOR COORDINATE INSTALLATION WITH ELEVATOR MANUFACTURER.

11.5 COORDINATE HOIST BEAM ELEVATION WITH ELEVATOR MANUFACTURER.

12.0 INSPECTIONS

12.1 OWNER SHALL RETAIN THE SERVICES OF INDEPENDENT AGENCIES TO PERFORM THE CONSTRUCTION MATERIAL TESTING AND CODE REQUIRED SPECIAL INSPECTIONS, AS CONSTRUCTION PROGRESSES. FORWARD COPIES OF INSPECTION REPORTS TO STRUCTURAL ENGINEER FOR REVIEW. SDG CANNOT ISSUE A CERTIFICATE OF SATISFACTORY COMPLETION WITHOUT REVIEWING THESE REPORTS AND FINAL CERTIFICATES ISSUED BY EACH OF THE INDEPENDENT AGENCIES.

12.2 STRUCTURAL OBSERVATION BY SDG IS VISUAL OBSERVATION OF THE IN PLACE STRUCTURE FOR GENERAL CONFORMANCE TO THE APPROVED STRUCTURAL PORTIONS OF THE CONSTRUCTION DOCUMENTS AT THE TIME OF THE OBSERVATION AND SHALL NOT BE CONSTRUED AS INSPECTION OR APPROVAL OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING TESTING AND SPECIAL INSPECTIONS PER THE REQUIREMENTS IN THE PROJECT MANUAL AND CONSTRUCTION DOCUMENTS.

12.3 OBSERVATION BY THE ENGINEER OF RECORD'S OFFICE DOES NOT REPLACE INSPECTIONS AND TESTING BY THE TESTING AGENCY OR SPECIAL INSPECTOR.

13.0 SHOP DRAWINGS (SUBMITTALS)

13.1 THE GENERAL CONTRACTOR SHALL SUBMIT FOR REVIEW AN ELECTRONIC SET OF DESIGN CALCULATIONS FOR ITEMS LISTED BELOW; CALCULATIONS SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED:

A. STRUCTURAL STEEL BEAM CONNECTION DESIGN
B. STEEL STAIR FRAMING AND CONNECTION DESIGN
C. ARCHITECTURAL PRECAST (SUBMIT FOR RECORD ONLY)
D. COLD-FORMED STEEL FRAMING

13.2 SUBMIT ALL SHOP DRAWINGS ELECTRONICALLY. ELECTRONIC COPIES WILL BE RETURNED TO THE ARCHITECT. REPRODUCTIONS REQUIRED BY THE CONTRACTOR ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHOULD BE MADE AFTER THE ELECTRONIC COPIES ARE RETURNED.

13.3 ALL SHOP DRAWINGS SHALL BE ACCOMPANIED BY A PROPERLY COMPLETED SUBMITTAL CHECKLIST, WHERE REQUIRED BY THE RELEVANT SPECIFICATION SECTION.

13.4 WHERE SHOP DRAWINGS, CALCULATIONS, OR SUBMITTALS ARE CALLED FOR IN THE PROJECT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) AND ARE NOT PROVIDED BY THE CONTRACTOR, THE CONTRACTOR ASSUMES TOTAL RESPONSIBILITY FOR THE DESIGN AND ASSOCIATED WORK.

13.5 ENGINEER'S SHOP DRAWING REVIEW IS LIMITED TO REVIEW FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT REFLECTED IN THE STRUCTURAL PORTION OF THE CONTRACT DOCUMENTS. THIS REVIEW DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE DRAWINGS, SPECIFICATIONS OR OTHER PROJECT CONTRACT DOCUMENTS. NO RESPONSIBILITY IS ASSUMED OR IMPLIED FOR THE CORRECTNESS OF DIMENSIONS OR DETAILS. THIS REVIEW DOES NOT AUTHORIZE CHANGES TO THE CONTRACT SUM UNLESS STATED IN A SEPARATE WRITTEN FORM OR CHANGE ORDER. CONTRACTOR SHALL CONFIRM AND CORRELATE ALL QUANTITIES AND DIMENSIONS, SELECT FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, COORDINATE HIS WORK WITH THAT OF OTHER TRADES, AND PERFORM HIS WORK IN A SAFE AND SATISFACTORY MANNER. CONTRACTOR SHALL ALSO REFER TO THE REQUIREMENTS OF THE GENERAL AND SUPPLEMENTARY GENERAL CONDITIONS.

13.6 ALL SUBMITTALS: IF THERE ARE QUESTIONS, CLARIFICATIONS, MODIFICATIONS, OR ITEMS WHERE INFORMATION, A RESPONSE, OR APPROVAL IS REQUESTED, SUCH ITEMS SHALL BE WRITTEN ON THE TRANSMITTAL OR COVER SHEET. WHERE SUBMITTAL CHECKLISTS ARE REQUIRED BY THE RELEVANT SPECIFICATION, THE AFOREMENTIONED INFORMATION MUST BE INDICATED ON THE SUBMITTAL CHECKLIST IN ACCORDANCE WITH THE RELEVANT SPECIFICATION. INDICATING SUCH ITEMS ON THE SHOP DRAWINGS, WITHIN ANY CALCULATIONS, OR PRODUCT DATA IS NOT SUFFICIENT. WHERE SUCH ITEMS ARE NOT SPECIFICALLY LISTED ON THE TRANSMITTAL, COVER SHEET, OR CHECKLIST IN ACCORDANCE WITH THESE GENERAL NOTES AND THE SPECIFICATIONS, SUCH ITEMS ARE NOT TO BE CONSIDERED APPROVED OR CONSIDERED. IF A QUESTION, CLARIFICATION, MODIFICATION, OR REQUEST FOR INFORMATION IS MADE AND NOT SPECIFICALLY RESPONDED TO BY STRUCTURAL DESIGN GROUP, NO APPROVAL OR CONSENT SHALL BE ASSUMED. THE CONTRACTOR SHALL ASSUME TOTAL LIABILITY AND RESPONSIBILITY IN ALL CASES WHERE SPECIFIC WRITTEN RESPONSE FROM STRUCTURAL DESIGN GROUP IS NOT OBTAINED, REGARDLESS OF ANY OTHER ACTIONS TAKEN BY STRUCTURAL DESIGN GROUP.

13.7 SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS MUST BE SUBMITTED BY THE GENERAL CONTACTOR AND REVIEWED BY THE S.E.R. SHOULD THE OWNER OR CONTRACTOR FAIL TO OBTAIN THE S.E.R'S REVIEW OF THE SHOP DRAWINGS, THE S.E.R. WILL NOT ACCEPT RESPONSIBILITY FOR THE DESIGN AND CERTIFICATION OF THIS PROJECT. PRIOR TO SUBMISSION, THE CONTRACTOR SHALL REVIEW SHOP DRAWINGS FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. SHOP DRAWINGS SHALL NOT BE PRODUCED PRIOR TO FINAL CONSTRUCTION SET.

13.8 DO NOT FABRICATE PRIOR TO SHOP DRAWING'S REVIEW.

14.0 ARCHITECTURAL PRECAST CONCRETE

14.1 REFER TO ARCHITECT'S DRAWINGS AND SPECIFICATIONS FOR DIMENSIONAL, FINISHING, AND OTHER REQUIREMENTS OF THE ARCHITECTURAL PRECAST.

14.2 PRECAST MANUFACTURER IS TO BE RESPONSIBLE FOR THE DESIGN OF ALL PRECAST MEMBERS AND THEIR CONNECTIONS TO THE STRUCTURE. CALCULATIONS AND SHOP DRAWINGS SHALL BE SUBMITTED BEARING THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED.

14.3 ANY CONNECTIONS SHOWN ON CONTRACT DRAWINGS ARE SHOWN FOR GENERAL ARRANGEMENT ONLY. THE CONTRACTOR SHALL COORDINATE ALL PRECAST CONNECTIONS AND EMBEDDED ITEMS WITH THE PRECAST MANUFACTURER.

A. CONNECTIONS OF THE PRECAST TO THE STRUCTURE SHALL NOT RESTRAIN THE STRUCTURE'S 1" DOWNWARD MOVEMENT AT ALL BEAMS AND 1" UPWARD MOVEMENT AT ROOF BEAMS.

14.4 ERECTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TEMPORARY BRACING UNTIL ALL CONNECTIONS HAVE BEEN MADE AND TOPPING HAS BEEN CAST.

14.5 PRECAST MANUFACTURER SHALL PROVIDE STABILIZING ANGLES AND SIMILAR MISCELLANEOUS METALS, AS REQUIRED, FOR ALL PRECAST WORK.

14.6 ALL EXPOSED STEEL CONNECTIONS AND SUPPORT ANGLES, PLATES, BARS AND BOLTS IN CONJUNCTION WITH ALL PRECAST CONCRETE SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION AND FIELD TOUCHED UP WITH ZINC RICH PAINT.

14.7 ADJUSTMENT AND POSSIBLY RESETTING OF PRECAST MAY BE REQUIRED TO ALIGN PRECAST DUE TO SUPPORT DEFLECTION AND/OR ROTATION.

14.8 SUPPORTING BEAMS AND STRUCTURE WILL DEFLECT AND/OR ROTATE. PRECAST MANUFACTURER AND ERECTOR SHALL COORDINATE CONNECTION/ERECTION SEQUENCE TO ACCOUNT FOR THIS MOVEMENT AND MAKE FINAL ADJUSTMENTS TO ALIGN AND PLUMB PRECAST. THIS MAY REQUIRE ADJUSTING CONNECTIONS OR RECONNECTING.

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Job Number 24-070

ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID LEE
11-21-24

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN:

ARCHITECT OF RECORD:
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BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

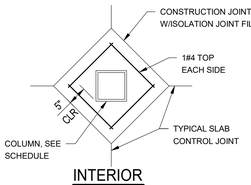
REVISIONS:

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

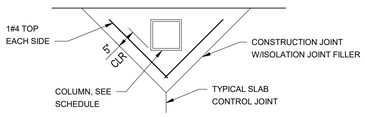
PROJECT NUMBER:
23-083

DRAWING TITLE:
GENERAL NOTES

SHEET NUMBER:
S-101



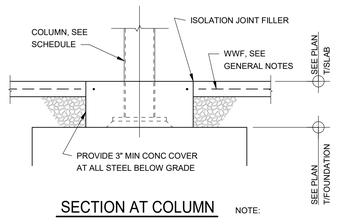
INTERIOR



EXTERIOR

ISOLATION JOINT DETAIL

TYPICAL

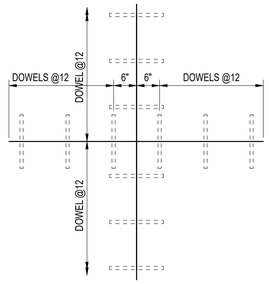


SECTION AT COLUMN

NOTE:
CHOICE OF ISOLATION JOINT
DETAIL IS CONTRACTORS OPTION.

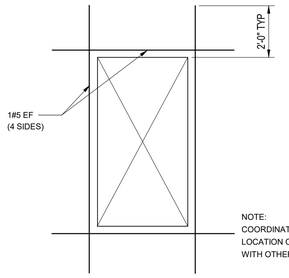
COLUMN/SLAB-JOINT DETAIL

TYPICAL



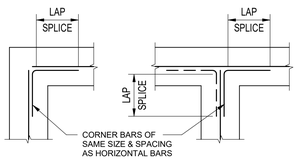
PLAN AT SLAB CONTROL JOINT

TYPICAL

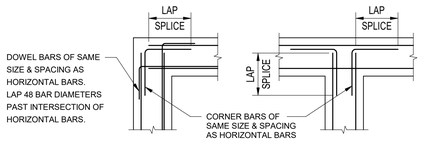


WALL OPENING REINFORCMENT DETAIL

TYPICAL



SINGLE LAYER REINFORCEMENT

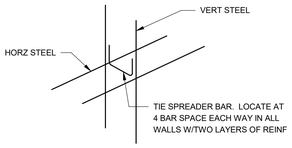


DOUBLE LAYER REINFORCEMENT

NOTE: ALL LAP SPLICES CLASS "B" TENSION

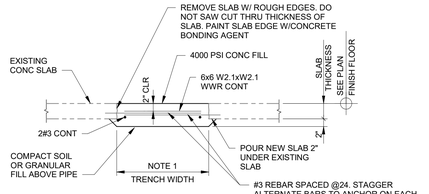
WALL CORNER REINFORCING DETAIL

TYPICAL



WALL STEEL TIE-SPREADER DETAIL

TYPICAL

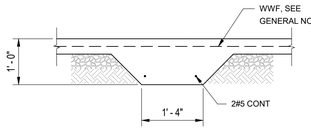


NOTE 1:
COORDINATE WITH ARCHITECT AND
PLUMBING CONSULTANT FOR SLAB
TRENCHING REQUIREMENTS.

NOTE 2:
CONTRACTOR TO PROVIDE SLAB
TRENCH WIDTHS AND LOCATIONS TO
ARCHITECT FOR REVIEW PRIOR TO
CUTTING SLAB.

SLAB TRENCHING DETAIL

TYPICAL



THICKENED SLAB ON GRADE DETAIL

TYPICAL

FOR THICKENED SLABS
LARGER THAN 2'-0"x2'-0",
PROVIDE #5@12 EW IN
BOTTOM OF FOOTING

REINFORCING LAP LENGTH SCHEDULE

TENSION LAP SPLICE LENGTHS, (BAR DIAMETERS, db) FOR GRADE 60 (4)
UNICOATED BARS: NORMAL-WEIGHT CONCRETE (5)

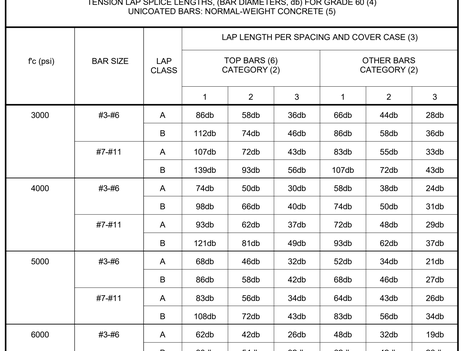
f'c (psi)	BAR SIZE	LAP CLASS	LAP LENGTH PER SPACING AND COVER CASE (3)					
			TOP BARS (6) CATEGORY (2)			OTHER BARS CATEGORY (2)		
			1	2	3	1	2	3
3000	#3-#6	A	86db	58db	36db	66db	44db	28db
		B	112db	74db	46db	86db	58db	36db
	#7-#11	A	107db	72db	43db	83db	55db	33db
		B	139db	93db	56db	107db	72db	43db
4000	#3-#6	A	74db	50db	30db	58db	38db	24db
		B	98db	66db	40db	74db	50db	31db
	#7-#11	A	93db	62db	37db	72db	48db	29db
		B	121db	81db	49db	93db	62db	37db
5000	#3-#6	A	68db	46db	32db	52db	34db	21db
		B	86db	58db	42db	68db	46db	27db
	#7-#11	A	83db	56db	34db	64db	43db	26db
		B	108db	72db	43db	83db	56db	34db
6000	#3-#6	A	62db	42db	26db	48db	32db	19db
		B	80db	54db	32db	62db	42db	26db
	#7-#11	A	76db	51db	31db	59db	39db	24db
		B	99db	66db	40db	76db	51db	31db
7000	#3-#6	A	56db	38db	23db	44db	30db	18db
		B	74db	50db	30db	56db	38db	23db
	#7-#11	A	70db	47db	28db	54db	36db	22db
		B	91db	61db	37db	70db	47db	28db
>=8000	#3-#6	A	57db	36db	22db	42db	28db	18db
		B	68db	46db	28db	54db	36db	22db
	#7-#11	A	66db	44db	27db	51db	34db	21db
		B	85db	57db	34db	66db	44db	27db

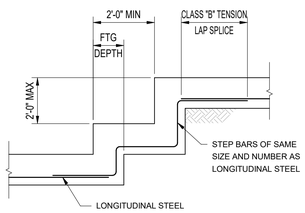
LAP NOTES:
1. LAP SPLICE LENGTHS ARE BASED ON ACI318-19 SECTION 25.4 AND SUBSECTIONS 25.4.2.3 AND 25.4.2.4.
2. CATEGORY DEFINITIONS: (SEE FIGURES BELOW FOR ADDITIONAL INFORMATION)

   CATEGORY 1 - CODE 25.4.2.3 OTHER CASES - DOES NOT MEET CATEGORY 2 OR 3.

   CATEGORY 2 - CODE 25.4.2.4 - CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN 2db AND CLEAR COVER NOT LESS THAN db.

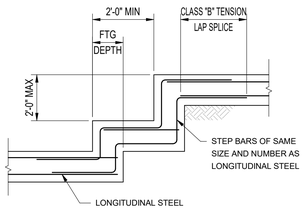
   CATEGORY 3 - CODE 25.4.2.4 - CLEAR COVER NOT LESS THAN 2db AND CLEAR SPACING NOT LESS THAN 4db.
3. MINIMUM LAP SPLICE SHALL NOT BE LESS THAN 12 INCHES.
4. MULTIPLY ABOVE LAP LENGTHS BY 1.25 FOR GRADE 75 REINFORCING STEEL.
5. MULTIPLY ABOVE LAP LENGTHS BY 1.3 FOR LIGHTWEIGHT CONCRETE.
6. TOP BARS ARE DEFINED AS HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12 - INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE DEVELOPMENT LENGTH OR SPLICE.
7. COMPRESSION LAP FOR GRADE 60 UNCOATED BARS IN NORMAL WEIGHT CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI SHALL BE 30db. USE 44db FOR GRADE 75 COMPRESSION LAP.





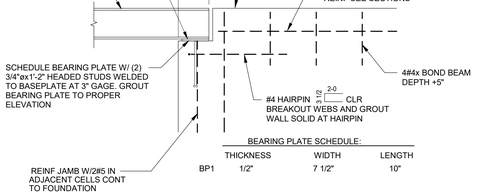
FOOTING STEP DETAIL

TYPICAL



FOOTING STEP DETAIL

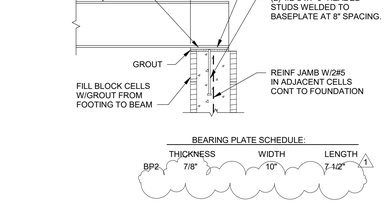
TYPICAL



BEAM BEARING DETAIL IN LINE WITH CMU WALL

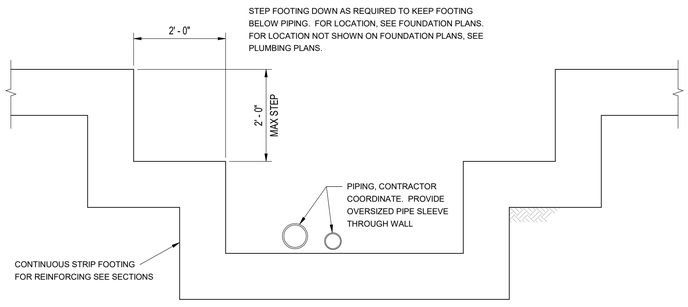
TYPICAL

NOTE: SEE PLAN FOR
BEARING PLATE LOCATIONS.



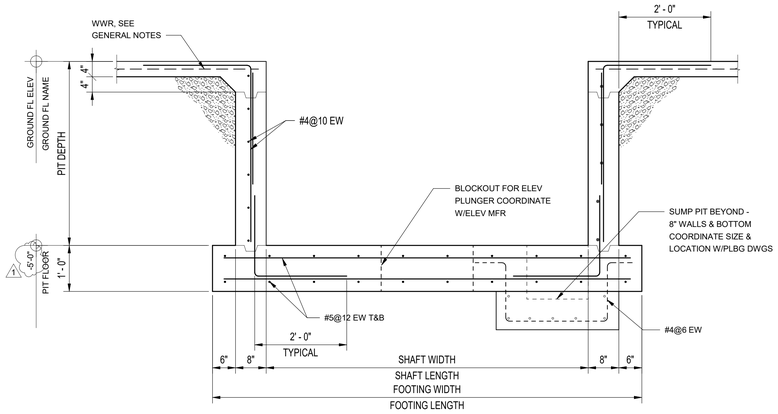
BEAM BEARING DETAIL

TYPICAL



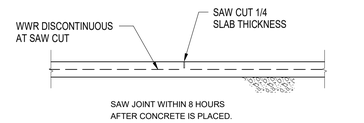
FOOTING/FOUNDATION WALL AT PIPING

TYPICAL

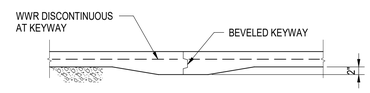


ELEVATOR SECTION

TYPICAL



SAWED JOINT



KEYED JOINT

SLAB CONTROL JOINT DETAILS

TYPICAL
JOINT TYPE IS OPTIONAL

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Job Number **24-070**

ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID SMITH
11-21-24

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS

CITY OF GADSDEN
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23-083

KEY PLAN :

ARCHITECT OF RECORD :
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BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
TYPICAL DETAILS

SHEET NUMBER:
S-102

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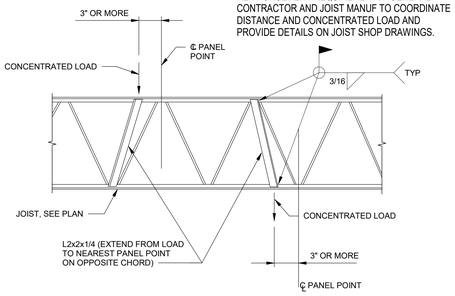
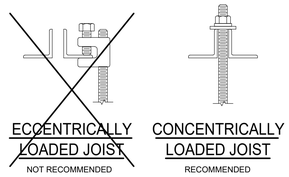
Job Number **24-070**

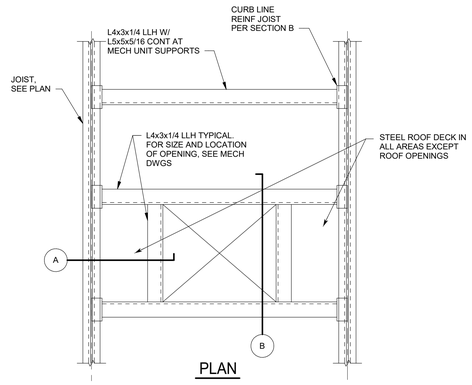
ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID SMITH
11-21-24

NOTE:
JOIST MANUF TO VERIFY 3" DIMENSION AND MAX CONCENTRATED LOAD FOR T&B CHORD REINFORCEMENT REQUIREMENTS. GENERAL CONTRACTOR AND JOIST MANUF TO COORDINATE DISTANCE AND CONCENTRATED LOAD AND PROVIDE DETAILS ON JOIST SHOP DRAWINGS.

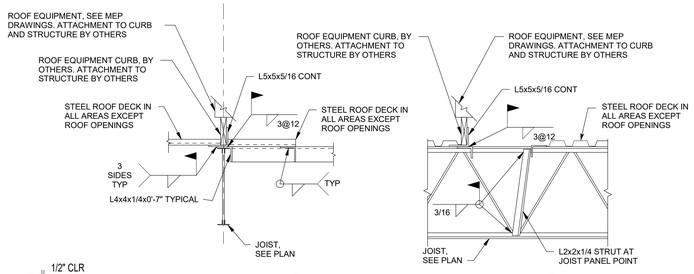




JOIST REINFORCEMENT DETAIL
TYPICAL



PLAN

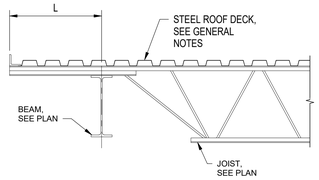


SECTION A

SECTION B

NOTES:
1. PROVIDE L4x3x1/4 LLH FRAMES AT ALL WATER/POWER BOXES.
2. AT ROOF DRAINS SUPPORT, PROVIDE L2x2x1/4 AT JOIST TOP CHORD.
3. CONTRACTOR COORDINATE ROOF EQUIPMENT FRAMES WITH EQUIPMENT MANUFACTURER. DETAIL IS SCHEMATIC DEPICTION AND OTHER CONFIGURATIONS MAY BE REQUIRED.
4. FASTEN STEEL ROOF DECK TO ALL ANGLES PER DECK FASTENING REQUIREMENT.

ROOF EQUIPMENT FRAME DETAIL
TYPICAL AT ALL OPENINGS IN ROOF LARGER THAN 8"



JOIST SEAT EXTENSION

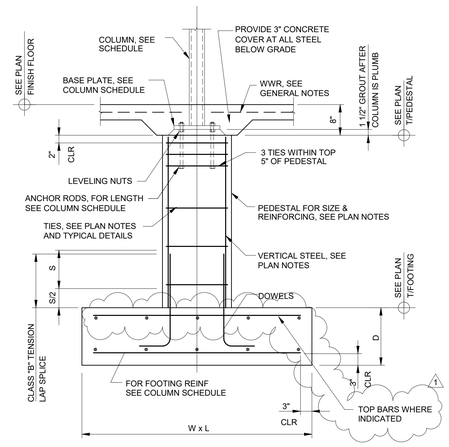
L	EXTENDED END, "R" TYPE
6"	R1
1'-0"	R1
1'-6"	R1
2'-0"	R1
2'-6"	R5
3'-0"	R11
3'-6"	R12
4'-0"	R12
4'-6"	R12
5'-0"	R12

JOIST SEAT EXTENSION
TYPICAL

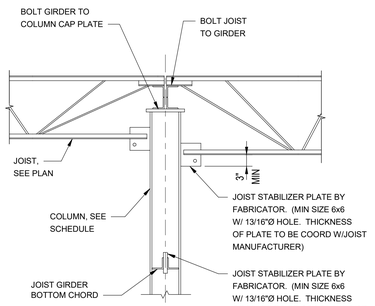
PIPING WEIGHTS

PIPE DIAMETER	PIPE WT PER/FOOT (PLF)	FLUID WT PER/FOOT (PLF)	INSULATION & HANGERS (PLF)	TOTAL WT PER/FOOT (PLF)
4"	10.80	6.10	2.00	18.90
6"	19.00	13.80	3.00	35.80
8"	28.60	23.90	4.00	56.50
10"	40.50	37.50	4.00	82.00
12"	49.60	54.00	5.00	108.60
14"	54.60	65.70	5.00	125.30
16"	62.60	87.10	5.00	154.70

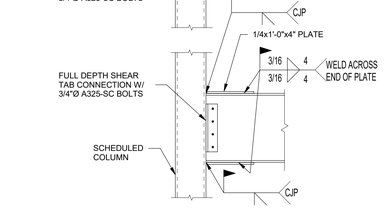
NOTES:
1. FROM ANVIL INTERNATIONAL PIPE FITTERS HANDBOOK.
2. ALL PIPES ASSUMED TO BE SCHEDULE 40.
3. FLUID WEIGHT INCLUDES ALLOWANCE FOR GLYCOL CONCENTRATION.
4. PIPING SUPPORT AND THRUST BRACING REQUIREMENTS SHALL BE COORDINATED BY THE GENERAL CONTRACTOR WITH THE STEEL/JOIST FABRICATOR. SEE MECHANICAL/PLUMBING DRAWINGS FOR PIPING SUPPORT AND THRUST BRACING REQUIREMENTS.
5. FOR PIPE SIZES NOT LISTED, CONTACT STRUCTURAL ENGINEER.



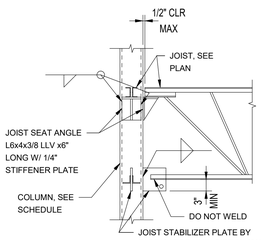
COLUMN BASE, PEDESTAL AND FOOTING DETAIL
TYPICAL



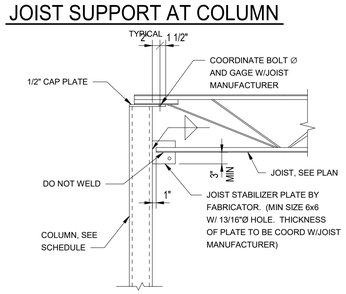
JOIST CONNECTION DETAIL
TYPICAL



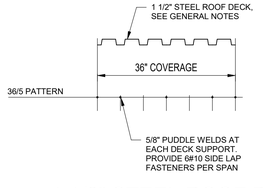
WIDE FLANGE BEAM TO TUBE COLUMN MOMENT CONNECTION (TMC)
TYPICAL



JOIST SUPPORT AT COLUMN

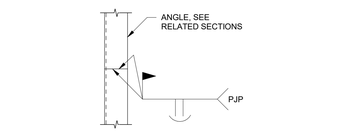


JOIST TO COLUMN CONNECTION
TYPICAL

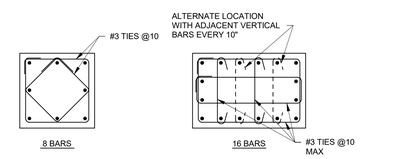


1 1/2" STEEL ROOF DECK ATTACHMENT PATTERN LAYOUT
3/4"=1'-0"

NOTE: CONTRACTOR OPTION TO USE HILTI S-SLC 02 M HWH IN LIEU OF #10 SIDELAP SCREWS



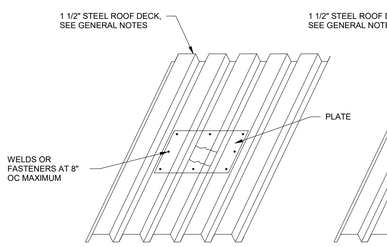
ANGLE SPLICE DETAIL
TYPICAL AT ALL SPLICES



PEDESTAL REINFORCEMENT LAYOUT

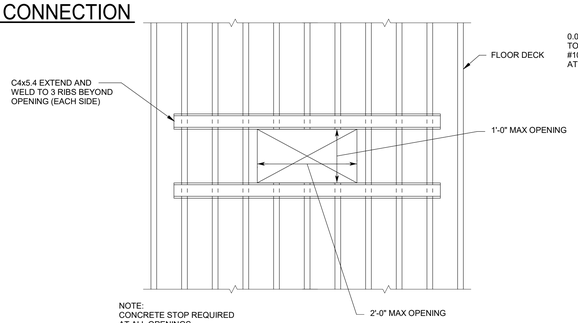
PEDESTAL SCHEDULE			
PEDESTAL DESIGNATION		P1	P2
PEDESTAL	SIZE (IN)	18x18	24x36
	VERTICALS	8#6	16#6
	TIES	#3@10	#3@10
	NOTES	1	1

1. WHERE PEDESTAL IS OVER EXISTING FOOTING, DRILL AND EPOXY ANCHOR VERTICAL REBAR 9" INTO TOP OF EXISTING FOOTING



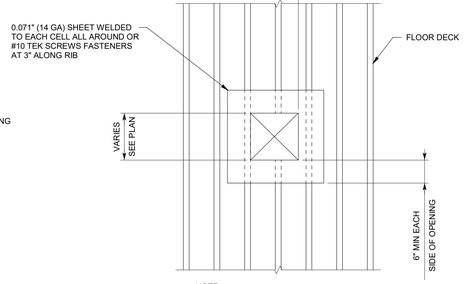
NOTE:
1. UP TO 6" - NO REINFORCING OR 0.045" (18 GA) MINIMUM PLATE THICKNESS.
2. 6" TO 8" DIAMETER - 0.045" (18 GA) MINIMUM PLATE THICKNESS.
3. 8" TO 13" DIAMETER - 0.057" (16 GA) MINIMUM PLATE THICKNESS.
4. OVER 13" - PROVIDE FRAME OPENING PER TYPICAL DETAIL.

ROOF DECK PENETRATIONS
TYPICAL



NOTE:
CONCRETE STOP REQUIRED AT ALL OPENINGS.

FLOOR DECK OPENINGS
TYPICAL UP TO 2'-0"



NOTE:
NO REINFORCEMENT REQUIRED WHERE "L" IS 6" OR LESS, IN DIRECTION PERPENDICULAR TO DECK.

FLOOR DECK OPENINGS
TYPICAL UP TO 13"

MASONRY LINTEL SCHEDULE	
MAXIMUM OPENING WIDTH	STEEL FOR EACH 4" OF WALL THICKNESS
2'-0"	L7x4x3/8 (LONG LEG HORIZONTAL)
4'-0"	L7x4x3/8 (LONG LEG HORIZONTAL)
6'-0"	L7x4x3/8 (LONG LEG HORIZONTAL)
8'-0"	L7x4x3/8 (LONG LEG HORIZONTAL)
10'-0"	L7x4x3/8 (LONG LEG HORIZONTAL)
12'-0"	L7x4x3/8 (LONG LEG HORIZONTAL)

1. PROVIDE 8" MINIMUM BEARING FOR ALL LINTELS.
2. ALL EXPOSED LINTEL ANGLES TO BE HOT DIP GALVANIZED.

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

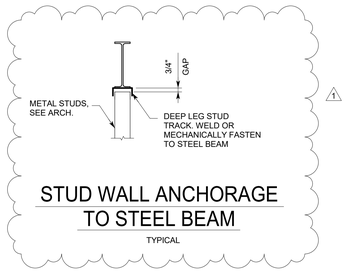
PROJECT NUMBER:
23-083

DRAWING TITLE:
TYPICAL DETAILS

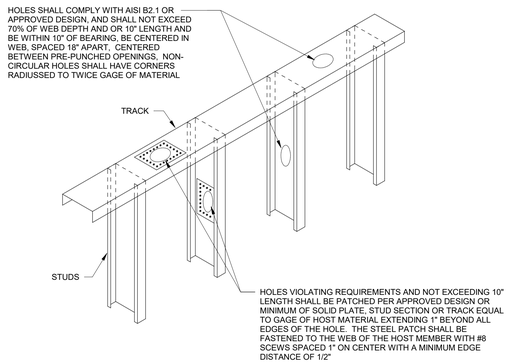
SHEET NUMBER:
S-104

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5260
Job Number **24-070**

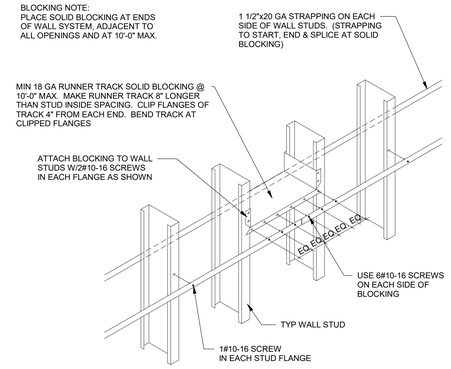
11-21-24



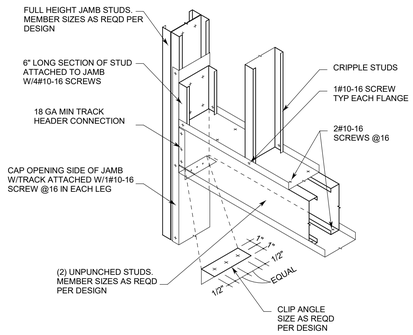
STUD WALL ANCHORAGE TO STEEL BEAM
TYPICAL



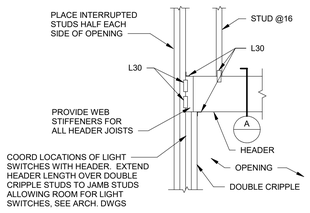
WALL PANEL MAXIMUM PENETRATION REQUIREMENTS
TYPICAL



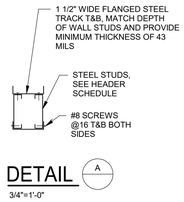
STRAP BRIDGING LATERAL BRACING
TYPICAL



BOX HEADER
TYPICAL



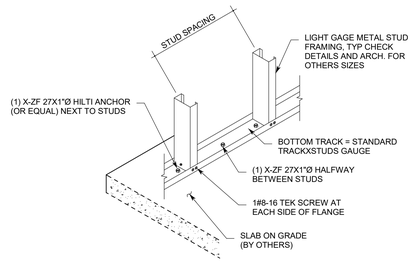
OPENING FRAMING
TYPICAL



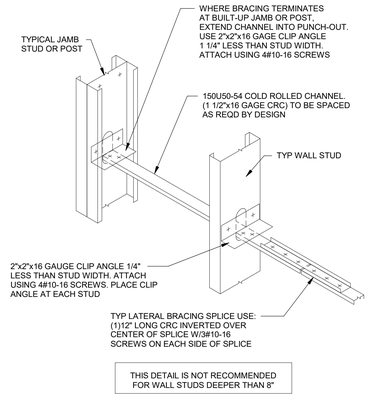
DETAIL A
3/4"=1'-0"

HEADER SCHEDULE

LENGTH	3 5/8", 6" AND 8" WALL
4'-0"	(2) 800S162-54
6'-0"	(2) 800S162-54
8'-0"	(2) 800S162-54
10'-0"	(2) 1000S162-54
12'-0"	(2) 1000S162-54
14'-0"	(2) 1200S162-68

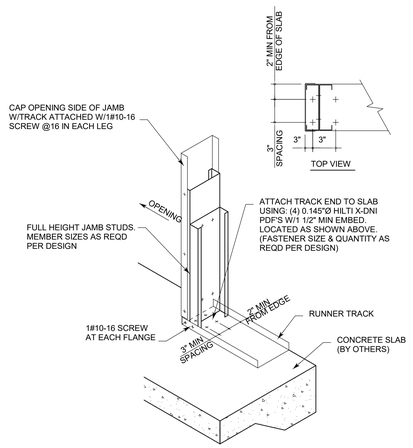


SLAB CONNECTION DETAIL
TYPICAL

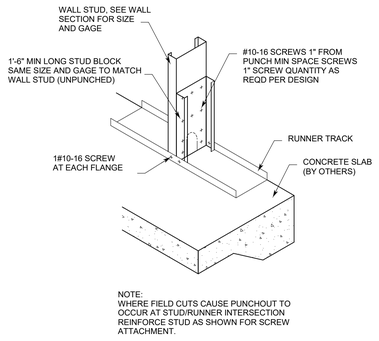


THIS DETAIL IS NOT RECOMMENDED FOR WALL STUDS DEEPER THAN 8"

STUD BRIDGING WITH BRIDGING CLIP
TYPICAL

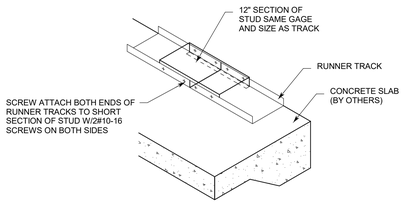


DOOR JAMB ANCHORAGE
TYPICAL



NOTE:
WHERE FIELD CUTS CAUSE PUNCHOUT TO OCCUR AT STUD/RUNNER INTERSECTION REINFORCE STUD AS SHOWN FOR SCREW ATTACHMENT.

REINFORCEMENT AT STUD END
TYPICAL



BOTTOM TRACK SPLICE
TYPICAL

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

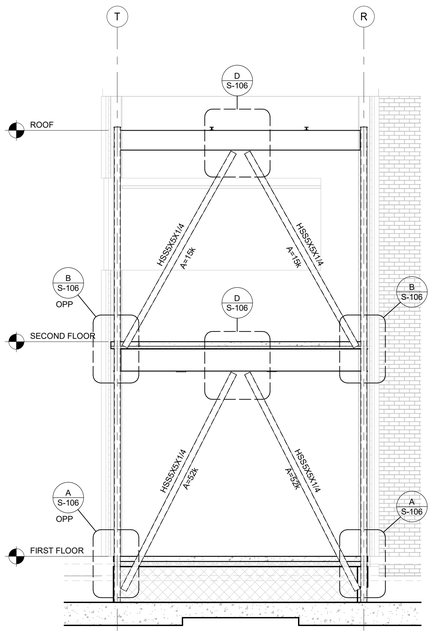
PROJECT NUMBER:
23-083

DRAWING TITLE:
TYPICAL DETAILS

SHEET NUMBER:
S-105

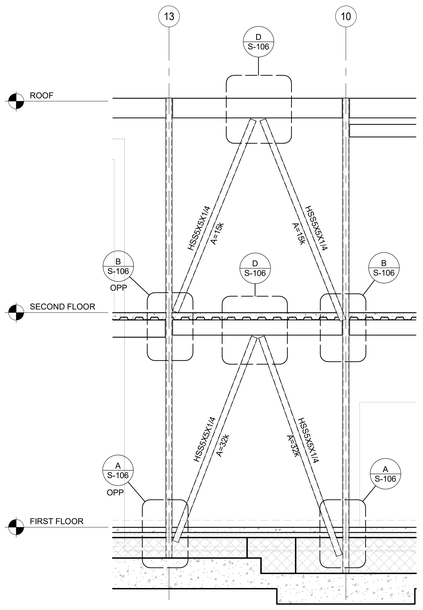
SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5280
Job Number **24-070**

ALABAMA LICENSED PROFESSIONAL ENGINEER JORDAN DAVID SMITH No. 30803-E
11-21-24



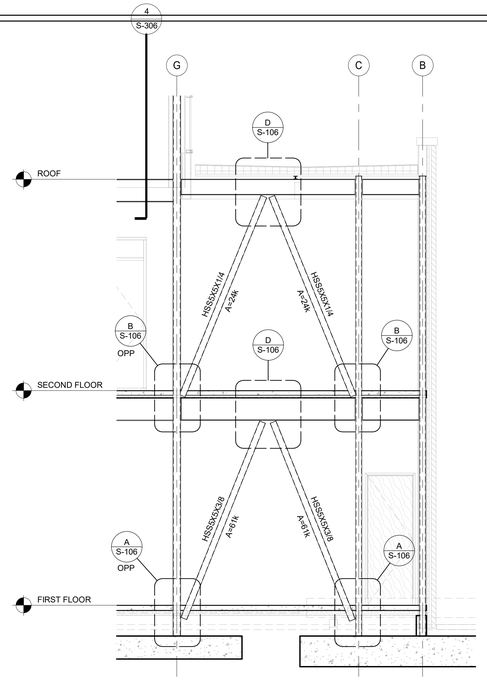
ELEVATION 1/S-106
1/4" = 1'-0"

BRACING NOTES:
1. CONTRACTOR SHALL DESIGN BEAM TO COLUMN CONNECTION FOR SHEAR LOAD PLUS AXIAL LOAD RESULTING FROM SPECIFIED BRACING MEMBER FORCES.
2. WORKING LOAD AXIAL FORCES ARE INDICATED IN KIPS.
3. PROVIDE 'FBP1' BASEPLATE DETAIL FOR BOTH COLUMNS, SEE DETAIL ON THIS SHEET.



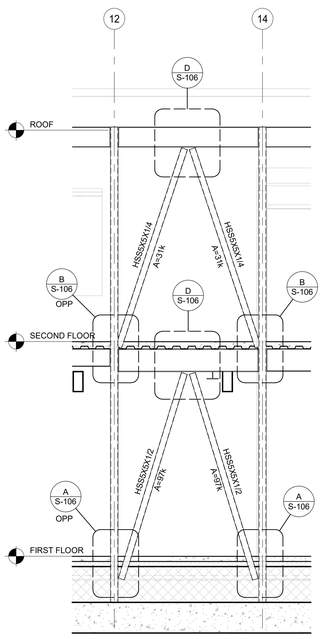
ELEVATION 2/S-106
1/4" = 1'-0"

BRACING NOTES:
1. CONTRACTOR SHALL DESIGN BEAM TO COLUMN CONNECTION FOR SHEAR LOAD PLUS AXIAL LOAD RESULTING FROM SPECIFIED BRACING MEMBER FORCES.
2. WORKING LOAD AXIAL FORCES ARE INDICATED IN KIPS.
3. PROVIDE 'FBP1' BASEPLATE DETAIL FOR BOTH COLUMNS, SEE DETAIL ON THIS SHEET.



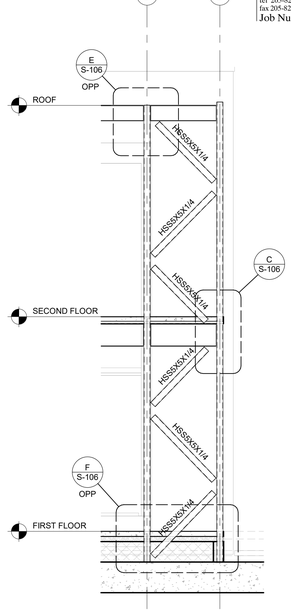
ELEVATION 3/S-106
1/4" = 1'-0"

BRACING NOTES:
1. CONTRACTOR SHALL DESIGN BEAM TO COLUMN CONNECTION FOR SHEAR LOAD PLUS AXIAL LOAD RESULTING FROM SPECIFIED BRACING MEMBER FORCES.
2. WORKING LOAD AXIAL FORCES ARE INDICATED IN KIPS.
3. PROVIDE 'FBP1' BASEPLATE DETAIL FOR BOTH COLUMNS, SEE DETAIL ON THIS SHEET.



ELEVATION 4/S-106
1/4" = 1'-0"

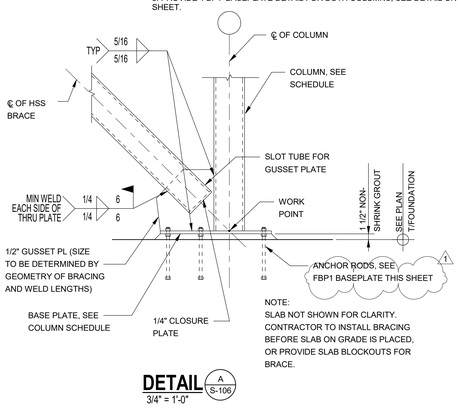
BRACING NOTES:
1. CONTRACTOR SHALL DESIGN BEAM TO COLUMN CONNECTION FOR SHEAR LOAD PLUS AXIAL LOAD RESULTING FROM SPECIFIED BRACING MEMBER FORCES.
2. WORKING LOAD AXIAL FORCES ARE INDICATED IN KIPS.
3. PROVIDE 'FBP1' BASEPLATE DETAIL FOR BOTH COLUMNS, SEE DETAIL ON THIS SHEET.



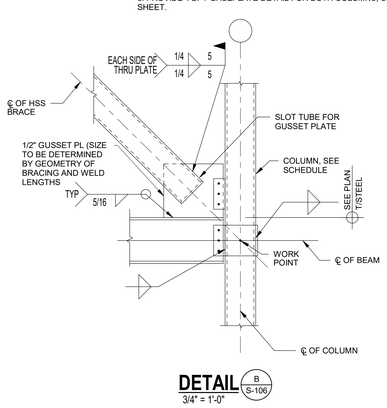
ELEVATION 5/S-106
1/4" = 1'-0"

BRACING NOTES:
1. AT B19, PROVIDE WT BASEPLATE IN BOTH DIRECTIONS AS INDICATED IN DETAIL F/S-106.

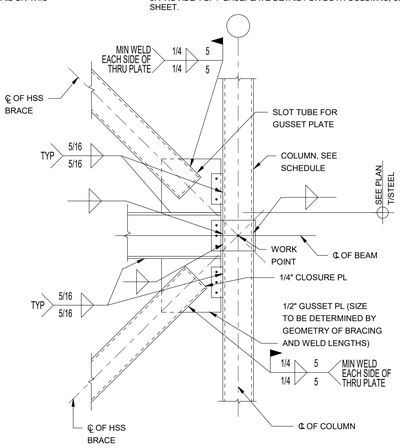
ELEVATION 6/S-106
1/4" = 1'-0"



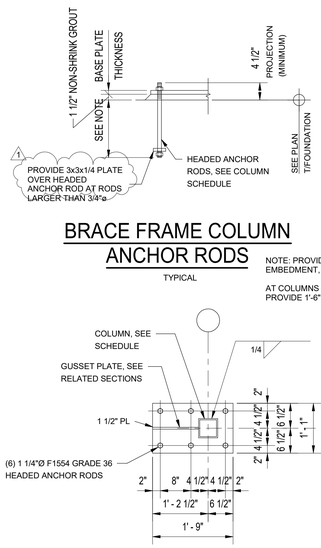
DETAIL A/S-106
3/4" = 1'-0"



DETAIL B/S-106
3/4" = 1'-0"



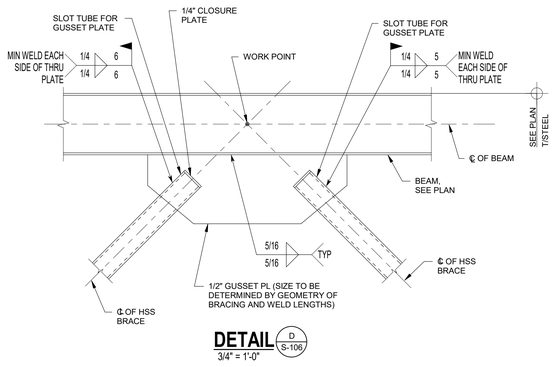
DETAIL C/S-106
3/4" = 1'-0"



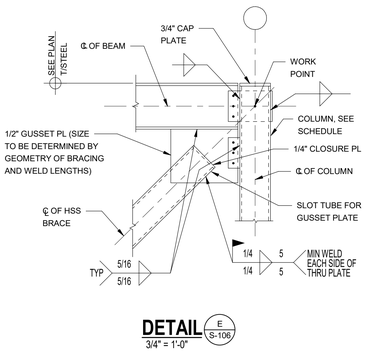
BRACE FRAME COLUMN ANCHOR RODS
TYPICAL

NOTE: PROVIDE 1'-3" EMBEDMENT, TYP.

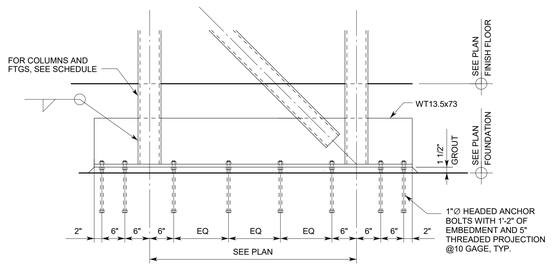
AT COLUMNS T11 AND T14, PROVIDE 1'-6" OF EMBEDMENT.



DETAIL D/S-106
3/4" = 1'-0"



DETAIL E/S-106
3/4" = 1'-0"



DETAIL F/S-106
3/4" = 1'-0"

NOTE:
AT OFFSET BASEPLATES, PROVIDE 1" THICK x 14" WIDE BASE PLATE WITH 3/4" THICK x 13.5" TALL VERTICAL PLATE. CENTER VERTICAL BETWEEN HSS COLUMNS TO RECEIVE BRACE. PROVIDE 1/4" STITCH WELD (3@12 STAGGERED) ON EACH SIDE OF VERTICAL PLATE TO BASE PLATE. PROVIDE 2 ROWS OF ANCHORS AS SHOWN AND SPACE ROWS AT 7" O.C. WITH MIN 2" TO EDGE OF BASE PLATE. WHERE OFFSET DOES NOT ALLOW PLATE TO EXTEND BEYOND OUTSIDE FACE OF COLUMN, STOP PLATE AND PROVIDE ADDITIONAL ANCHORS BETWEEN COLUMNS AT EQUAL SPACING.

BASE PLATE FBP1

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN:

ARCHITECT OF RECORD:
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

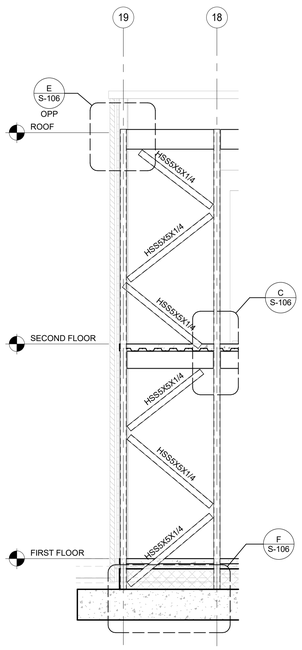
REVISIONS:

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
BRACING ELEVATIONS AND DETAILS

SHEET NUMBER:
S-106

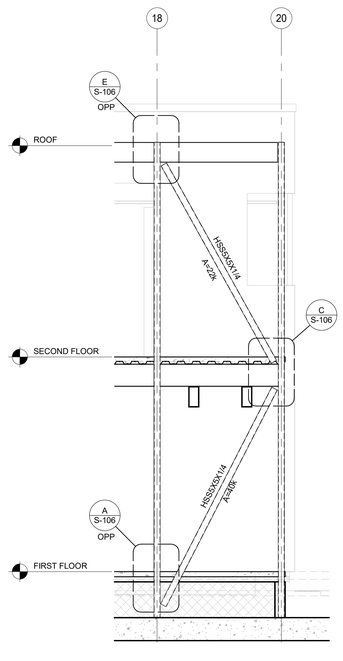


ELEVATION 1 S-107

1/4" = 1'-0"

BRACING NOTES:

1. AT B19, PROVIDE WT BASEPLATE IN BOTH DIRECTIONS AS INDICATED IN DETAIL F/S-106// WT BASEPLATE FROM EITHER 1/S-107 OR 5/S-106 CAN BE FIELD WELDED TO COLUMN B19 TO ASSIST WITH ERECTION. 1

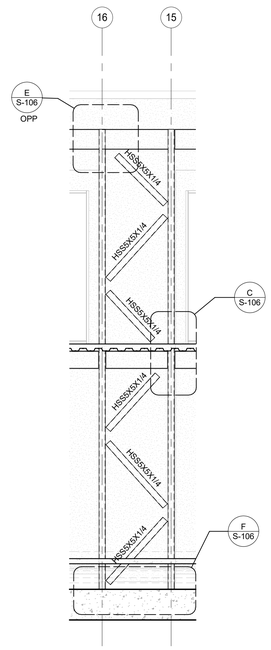


ELEVATION 2 S-107

1/4" = 1'-0"

BRACING NOTES:

1. CONTRACTOR SHALL DESIGN BEAM TO COLUMN CONNECTION FOR SHEAR LOAD PLUS AXIAL LOAD RESULTING FROM SPECIFIED BRACING MEMBER FORCES.
2. WORKING LOAD AXIAL FORCES ARE INDICATED IN KIPS.
3. PROVIDE 'FBP1' BASEPLATE DETAIL WITH BASEPLATE ORIENTED IN DIRECTION OF THIS FRAME FOR COLUMN T17 AND 'FBP1' BASEPLATE DETAIL WITH BASEPLATE ORIENTED IN DIRECTION OF FRAME ELEVATION 1/S-106 FOR COLUMN T19. SEE 'FBP1' DETAIL ON S-106.



ELEVATION 3 S-107

1/4" = 1'-0"

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5260
Job Number **24-070**

ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID SMITH

11-21-24

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :

WILLIAMS BLACKSTOCK ARCHITECTS

2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:

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PROJECT NUMBER:

23-083

DRAWING TITLE:

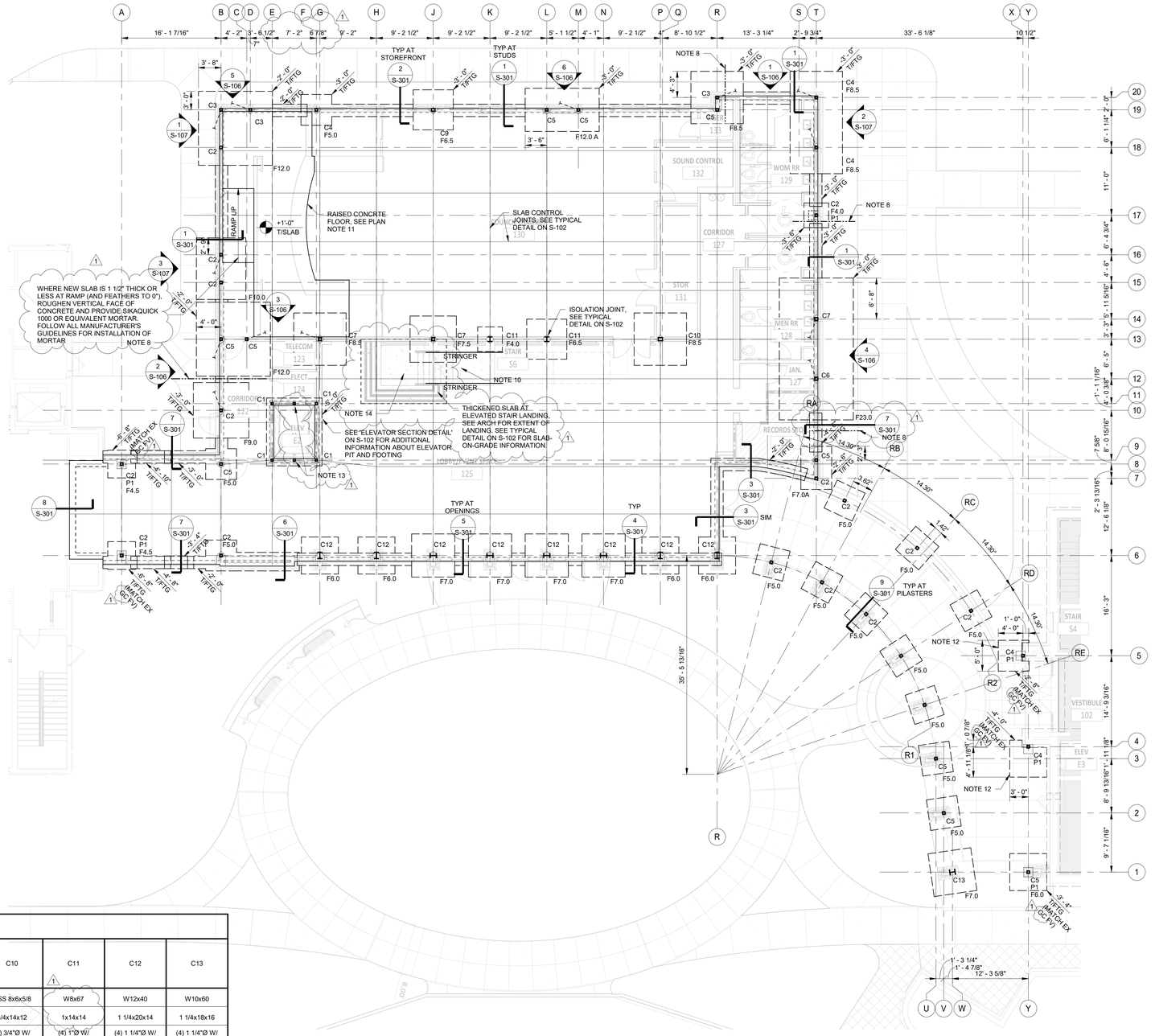
BRACING ELEVATIONS

SHEET NUMBER:

S-107

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5260
Job Number **24-070**

ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID LEE
11-21-24



COLUMN SCHEDULE

COLUMN DESIGNATION		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13
COLUMN	SIZE	HSS 4x4x5/16	HSS 5x5x1/4	HSS 5x5x5/16	HSS 5x5x3/8	HSS 5x5x1/2	HSS 6x6x3/8	HSS 6x6x1/2	HSS 6x6x5/8	HSS 7x5x1/2	HSS 8x6x5/8	W8x67	W12x40	W10x60
	BASE PLATE	3/4x12x12	3/4x12x12	3/4x12x12	3/4x12x12	1x12x12	3/4x12x12	3/4x12x12	3/4x12x12	3/4x15x12	3/4x14x12	1x14x14	1 1/4x20x14	1 1/4x18x16
	ANCHOR RODS	(4) 3/4"Ø W/ 9" EMBEDMENT	(4) 3/4"Ø W/ 9" EMBEDMENT	(4) 3/4"Ø W/ 9" EMBEDMENT	(4) 3/4"Ø W/ 9" EMBEDMENT	(4) 1"Ø W/ 9" EMBEDMENT	(4) 3/4"Ø W/ 9" EMBEDMENT	(4) 3/4"Ø W/ 9" EMBEDMENT	(4) 3/4"Ø W/ 9" EMBEDMENT	(4) 3/4"Ø W/ 9" EMBEDMENT	(4) 3/4"Ø W/ 9" EMBEDMENT	(4) 1"Ø W/ 12" EMBEDMENT	(4) 1 1/4"Ø W/ 12" EMBEDMENT	(4) 1 1/4"Ø W/ 12" EMBEDMENT
	NOTES			1	1	1	1	1						

NOTES:
1. FOR COLUMNS AT BRACED FRAMES, SEE BRACED FRAME DETAILS ON S-106 & S-107 FOR BASEPLATE AND ANCHOR ROD INFORMATION.

FOOTING SCHEDULE

FOOTING DESIGNATION		F4.0	F4.5	F5.0	F6.0	F6.5	F7.0	F7.0A	F7.5	F8.5	F9.0	F9.5	F10.0	F12.0	F12.0A	F23.0
FOOTING	SIZE (LxW)	4'-0"x4'-0"	4'-6"x4'-6"	5'-0"x5'-0"	6'-0"x6'-0"	6'-6"x6'-6"	7'-0"x7'-0"	7'-0"x5'-0"	7'-6"x7'-6"	8'-6"x8'-6"	9'-0"x9'-0"	9'-6"x9'-6"	10'-0"x8'-0"	12'-0"x12'-0"	12'-0"x7'-0"	23'-0"x12'-0"
	DEPTH (D)	1'-0"	1'-0"	1'-0"	1'-2"	1'-3"	1'-4"	1'-2"	1'-4"	1'-6"	2'-0"	1'-10"	2'-0"	2'-0"	1'-6"	2'-0"
	REINF EW (BOT)	4#5	4#5	5#5	6#5	6#5	7#5	#5@12	7#5	8#5	9#5	9#5	#5@12	12#5	#5@12	#6@12
	NOTES	1					1	1		1	1	1	1	1	1	1

NOTES:
1. PROVIDE SCHEDULED REINFORCEMENT ON TOP AND BOTTOM OF FOOTING.

PROJECT NORTH

FOUNDATION AND LEVEL 1 PLAN

1/8" = 1'-0"

1. FINISH FLOOR (TOP OF SLAB) ELEVATION 0'-0" MATCH EXISTING, UNLESS NOTED.
2. TOP OF FOOTING ELEVATION -2'-0", UNLESS NOTED.
3. FOR SLAB ON GRADE CONSTRUCTION, SEE GENERAL NOTES AND TYPICAL DETAILS. PROVIDE 4" SLAB ON GRADE UNLESS NOTED.
4. FOR RECESS AND RAMP LOCATIONS, SEE ARCHITECTURAL DRAWINGS.
5. GENERAL CONTRACTOR SHALL COORDINATE TILE AND TERRAZZO JOINT LOCATIONS WITH CONTROL JOINTS.
6. 'Cx' INDICATES COLUMN DESIGNATION. SEE COLUMN SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
7. 'Fx' INDICATES FOOTING DESIGNATION. SEE FOOTING SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.
8. FOOTING STEP LOCATIONS SHOWN ARE APPROXIMATE. GENERAL CONTRACTOR COORDINATE LOCATION OF ALL FOOTING STEPS WITH THE LATEST CIVIL, PLUMBING, AND UTILITY DRAWINGS. ALL CIVIL AND PLUMBING LINES TO CROSS FOOTINGS ABOVE THE FOOTING, STEP FOOTINGS AS REQUIRED. SEE TYPICAL DETAILS ON S-102.
9. 'Px' INDICATES CONCRETE PEDESTAL, TOP OF PEDESTAL TO BE -2'-0" BELOW FINISH FLOOR UNLESS NOTED. SEE SCHEDULE AND DETAIL ON S-104 FOR ADDITIONAL INFORMATION.
10. MAIN STAIR STEEL PAN STAIRS TO BE DESIGNED BY STEEL FABRICATOR USING BEAMS AND STRINGERS SCHEMATICALLY AS SHOWN
11. RAISED FLOOR TO BE CONSTRUCTED OF CAST-IN-PLACE CONCRETE. POUR SLAB ON GRADE THEN FORM AND POUR RAISED FLOOR. REINFORCE WITH #5@12 EW CHAIRED 2" CLEAR OF TOP OF SLAB.
12. WHERE NO FOOTING DESIGNATION IS SHOWN, PROVIDE FOOTING SIZED AS SHOWN AND 12" DEEP WITH #5@12 EW IN BOTTOM OF FOOTING. WHERE REBAR CONTACTS EXISTING FOOTING DRILL AND EPOXY ANCHOR REBAR 6" INTO EXISTING FOOTING.
13. PROVIDE HSS 4x4x5/16 COLUMNS WITHIN ELEVATOR SHAFT FOR ELEVATOR GUIDE RAIL SUPPORT. CONTRACTOR VERIFY EXACT COLUMN NUMBER AND LOCATION WITH ELEVATOR MANUFACTURER. SECURE TO BASE WITH 10x10x1/2 BASEPLATE WITH (4) 1/2"ø SCREW ANCHORS WITH 4 1/2" EMBEDMENT INTO SLAB BELOW. PROVIDE VERTICAL SLIP CONNECTION TO BEAM ABOVE.
14. PROVIDE POURED CONCRETE BASE FOR STAIR, SEE ARCH FOR EXTENTS. POUR SLAB ON GRADE THEN FORM AND POUR RAISED FLOOR. REINFORCE WITH #3@18 EW IN EACH RISER (MULTIPLE LAYERS AS NEEDED). REBAR TO BE 2" FROM TOP OF SLAB RISER.

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
FOUNDATION AND LEVEL 1 PLAN

SHEET NUMBER:
S-201

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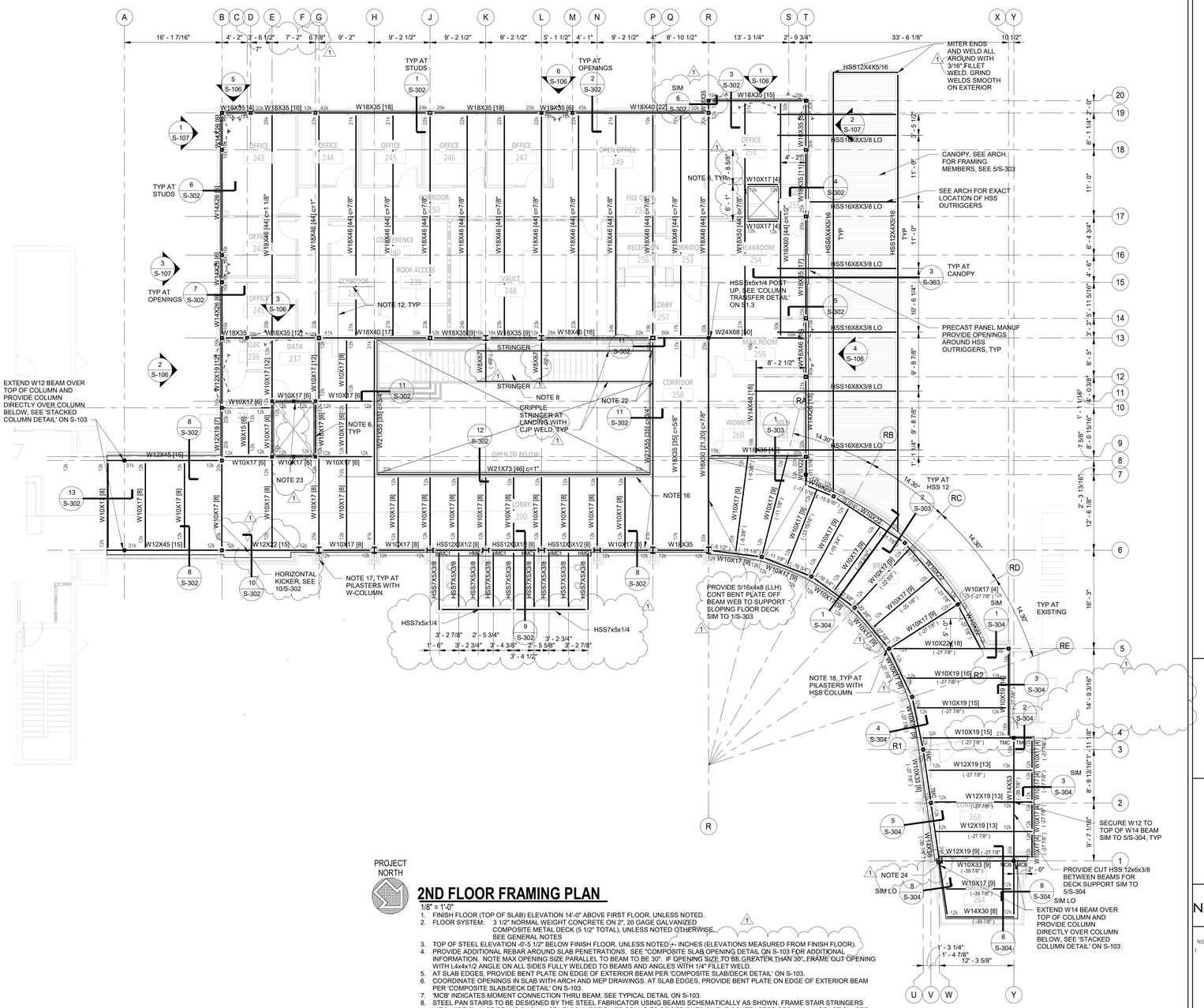
Job Number **24-070**

No. 36803-E
PROFESSIONAL ENGINEER
JORDAN DAVID LAW
11-21-24



2ND FLOOR FRAMING PLAN

1/8" = 1'-0"

1. FINISH FLOOR (TOP OF SLAB) ELEVATION 14'-0" ABOVE FIRST FLOOR, UNLESS NOTED.
2. FLOOR SYSTEM: 3 1/2" NORMAL WEIGHT CONCRETE ON 2", 20 GAGE GALVANIZED COMPOSITE METAL DECK (5 1/2" TOTAL), UNLESS NOTED OTHERWISE. SEE GENERAL NOTES
3. TOP OF STEEL ELEVATION -0'-5 1/2" BELOW FINISH FLOOR, UNLESS NOTED +- INCHES (ELEVATIONS MEASURED FROM FINISH FLOOR).
4. PROVIDE ADDITIONAL REBAR AROUND SLAB PENETRATIONS. SEE "COMPOSITE SLAB OPENING DETAIL ON S-103 FOR ADDITIONAL INFORMATION. NOTE MAX OPENING SIZE PARALLEL TO BEAM TO BE 30". IF OPENING SIZE TO BE GREATER THAN 30", FRAME OUT OPENING WITH L4x4x1/2 ANGLE ON ALL SIDES FULLY WELDED TO BEAMS AND ANGLES WITH 1/4" FILLET WELD.
5. AT SLAB EDGES, PROVIDE BENT PLATE ON EDGE OF EXTERIOR BEAM PER 'COMPOSITE SLAB/DECK DETAIL' ON S-103.
6. COORDINATE OPENINGS IN SLAB WITH ARCH AND MEP DRAWINGS. AT SLAB EDGES, PROVIDE BENT PLATE ON EDGE OF EXTERIOR BEAM PER 'COMPOSITE SLAB/DECK DETAIL' ON S-103.
7. 'MCB' INDICATES MOMENT CONNECTION THRU BEAM, SEE TYPICAL DETAIL ON S-103.
8. STEEL PAN STAIRS TO BE DESIGNED BY THE STEEL FABRICATOR USING BEAMS SCHEMATICALLY AS SHOWN. FRAME STAIR STRINGERS INTO WIDE-FLANGE BEAMS SHOWN. STAIR CONNECTION TO BEAMS TO BE DESIGNED BY THE CONTRACTOR FOR MIN 14k REACTION. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
9. BEAM REACTIONS ARE INDICATED AT ENDS OF BEAMS AS "Xk" WHERE "X" IS THE MAGNITUDE OF THE SERVICE LEVEL (UNFACTORED) SHEAR REACTION IN KIPS. REACTION SHOWN ON PLANS DO NOT INCLUDE VERTICAL COMPONENT OF AXIAL FORCES IN BRACES.
10. SPACE BEAMS EQUALLY BETWEEN COLUMN CENTERLINES, UNLESS NOTED.
11. COORDINATE MECHANICAL OPENINGS WITH MECHANICAL DRAWINGS AND UNIT MANUFACTURER.
12. PROVIDE REBAR OVER ALL COMPOSITE BEAMS PER 'COMPOSITE DECK/SLAB DETAILS' ON S-103.
13. [X] INDICATES NUMBER OF 3/4"Ø HEADED STUDS SPACED UNIFORMLY ALONG MEMBER WHERE SINGLE VALUE IS GIVEN. SPACE UNIFORMLY ALONG A PART OF MEMBER BETWEEN SUPPORTED BEAMS, OR COLUMN AND BEAM, WHERE MORE THAN ONE VALUE IS GIVEN. SEE GENERAL NOTES.
14. FOR COMPOSITE BEAMS WITHOUT SHEAR STUD DESIGNATION, PROVIDE MINIMUM SPACING PER GENERAL NOTES.
15. PROVIDE #4x5'-0" LONG BAR IN CENTER OF SLAB AT RE-ENTRANT CORNERS.
16. PROVIDE (2) #5 CONT BARS CENTERED IN 3 1/2" SLAB AT PLAN N/S EDGES WHERE SHOWN. EXTEND REBAR 4'-0" BEYOND CORNER.
17. PROVIDE HSS 8x8x5/16 OUTRIGGER OFF OUTSIDE EDGE OF COLUMN. WELD ALL AROUND TO COLUMN FLANGE WITH 3/16" FILLET WELD SIM TO 'HSS MOMENT CONNECTION DETAIL' ON S-104. WHERE COLUMN IS TURNED AND HSS FRAMES INTO WEB OF BEAM, PROVIDE 1/2" PLATE BETWEEN COLUMN FLANGES (1" WIDER THAN COLUMN) AND FULLY WELD BOTH SIDES TO COLUMN FLANGE WITH 1/4" FILLET WELD. WELD HSS ALL AROUND TO PLATE WITH 3/16" FILLET WELD SIM TO 'HSS MOMENT CONNECTION DETAIL' ON S-104. TOP OF OUTRIGGER TO BE AT TOP OF ADJACENT BEAM STEEL.
18. PROVIDE HSS 8x8x5/16 OUTRIGGER OFF OUTSIDE FACE OF HSS COLUMN. PROVIDE 5/16" END PLATE AND WELD END PLATE TO HSS SIM TO 'HSS MOMENT CONNECTION' DETAIL ON S-104. TOP OF OUTRIGGER TO BE AT TOP OF BEAM STEEL IN MAIN (NON SLOPING) PORTION.
19. 'HMCx' INDICATES HSS BEAM MOMENT CONNECTION TO WIDE-FLANGE COLUMN. SEE 'HSS MOMENT CONNECTION TO WIDE-FLANGE COLUMN' DETAILS ON S-103 FOR ADDITIONAL INFORMATION.
20. 'WMC' INDICATES MOMENT CONNECTION. SEE 'WIDE FLANGE BEAM TO WIDE FLANGE COLUMN (WMC)' DETAIL ON S-103 FOR ADDITIONAL INFORMATION.
21. 'TMC' INDICATES MOMENT CONNECTION. SEE 'WIDE FLANGE BEAM TO HSS COLUMN (TMC)' DETAIL ON S-104 FOR ADDITIONAL INFORMATION.
22. FRAME STRINGERS INTO W21 BEAM. STAIR CONNECTION TO BE DESIGNED BY THE CONTRACTOR. DESIGN FOR MIN 16k REACTION.
23. PROVIDE HSS 4x4x5/16 COLUMNS WITHIN ELEVATOR SHAFT FOR ELEVATOR GUIDE RAIL SUPPORT. CONTRACTOR VERIFY EXACT COLUMN NUMBER AND LOCATION WITH ELEVATOR MANUFACTURER. SECURE TO BEAM BELOW PER 'COLUMN TRANSFER DETAIL' ON S-103 AND PROVIDE VERTICAL SLIP CONNECTION TO BEAM ABOVE.
24. PROVIDE CJP WELD W10 BEAM TOP FLANGE TO W14 BEAM TOP FLANGE AND MOMENT PLATE CONNECTION OF W10 BEAM BOTTOM FLANGE TO W14 BEAM SIM TO 'WMC2' DETAIL ON S-103. PROVIDE (2) FULL DEPTH 1/4" WEB STIFFENERS ON PLAN WEST SIDE OF W14 BEAM AT W10 CONNECTION.

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :

WILLIAMS
BLACKSTOCK
ARCHITECTS

2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:

NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:

23-083

DRAWING TITLE:

2ND FLOOR FRAMING PLAN

SHEET NUMBER:

S-202

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
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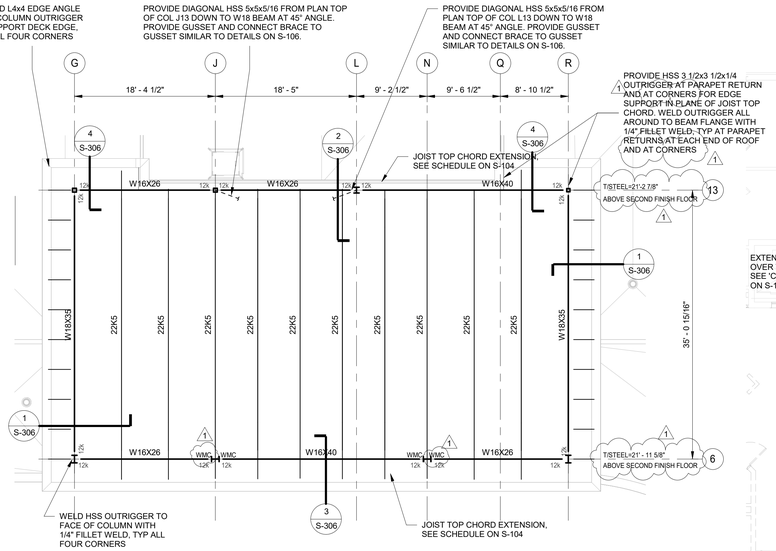
Job Number **24-070**

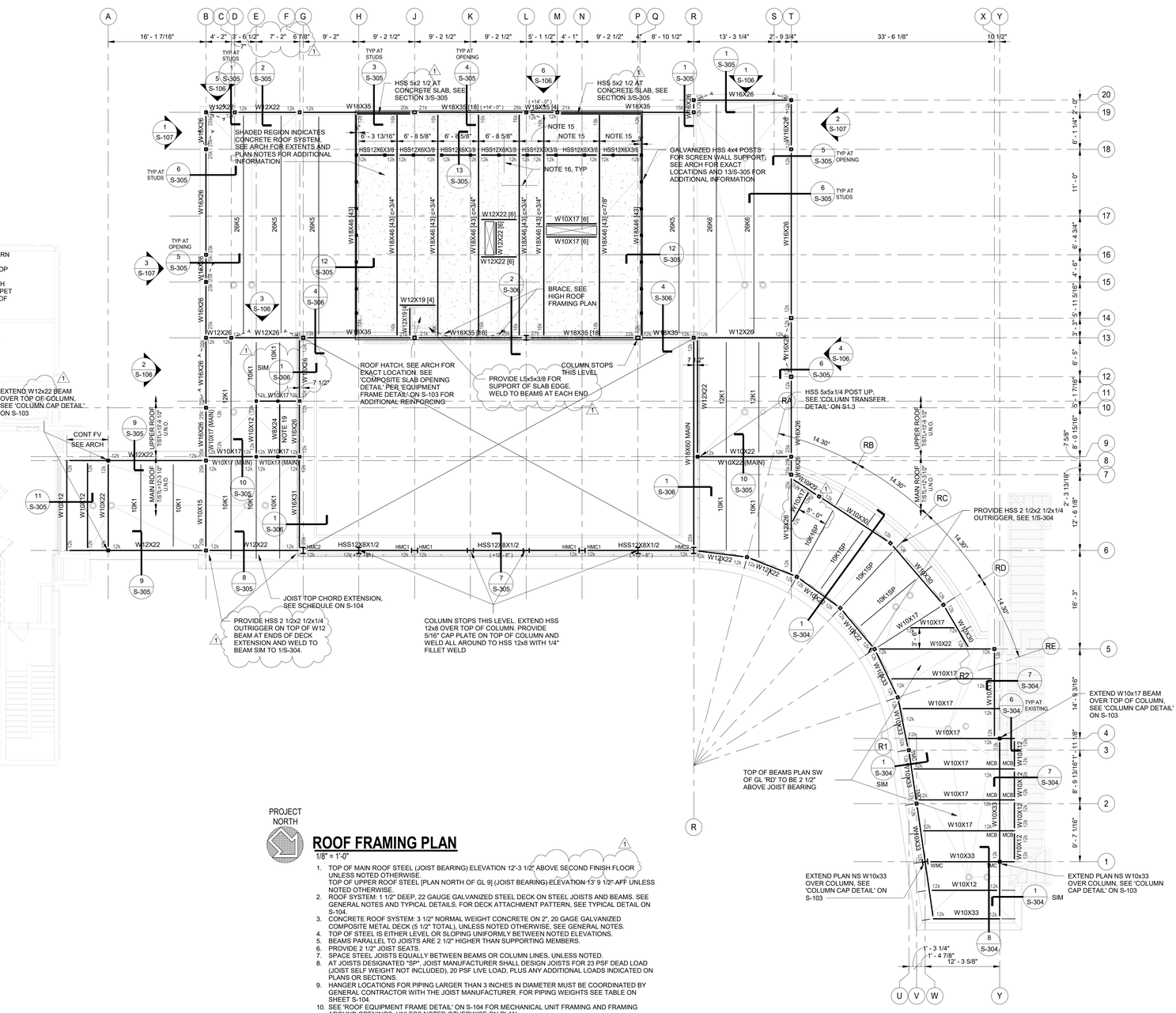
ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID LEE
11-21-24



HIGH ROOF FRAMING PLAN

1/8" = 1'-0"

1. TOP OF STEEL (JOIST BEARING) ELEVATION SEE PLAN, SECTIONS, AND ARCHITECTURAL DRAWINGS.
2. ROOF SYSTEM: 1 1/2" DEEP, 22 GAUGE GALVANIZED STEEL DECK ON STEEL JOISTS AND BEAMS. SEE GENERAL NOTES AND TYPICAL DETAILS. FOR DECK ATTACHMENT PATTERN, SEE TYPICAL DETAIL ON S-104.
3. TOP OF STEEL IS EITHER LEVEL OR SLOPING UNIFORMLY BETWEEN NOTED ELEVATIONS.
4. BEAMS PARALLEL TO JOISTS ARE 3 1/2" HIGHER THAN SUPPORTING MEMBERS.
5. PROVIDE 3 1/2" JOIST SEATS.
6. SPACE STEEL JOISTS EQUALLY BETWEEN BEAMS OR COLUMN LINES, UNLESS NOTED.
7. AT JOISTS DESIGNATED "SP", JOIST MANUFACTURER SHALL DESIGN JOISTS FOR 23 PSF DEAD LOAD (JOIST SELF WEIGHT NOT INCLUDED), 20 PSF LIVE LOAD, PLUS ANY ADDITIONAL LOADS INDICATED ON PLANS OR SECTIONS.
8. HANGER LOCATIONS FOR PIPING LARGER THAN 3 INCHES IN DIAMETER MUST BE COORDINATED BY GENERAL CONTRACTOR WITH THE JOIST MANUFACTURER. FOR PIPING WEIGHTS SEE TABLE ON SHEET S-104.
9. SEE 'ROOF EQUIPMENT FRAME DETAIL' ON S-104 FOR MECHANICAL UNIT FRAMING AND FRAMING AROUND OPENINGS, UNLESS NOTED OTHERWISE ON PLAN.
10. BEAM AND JOIST REACTIONS ARE INDICATED AT ENDS OF BEAMS AND JOISTS AS "XK" WHERE "X" IS THE MAGNITUDE OF THE WORKING LOAD SHEAR REACTION IN KIPS.
11. EQUIPMENT LOCATIONS AND WEIGHTS SHOWN ARE APPROXIMATE. THE GENERAL CONTRACTOR SHALL COORDINATE AND VERIFY THE SIZE, WEIGHT, AND LOCATION OF ALL MECHANICAL UNITS WITH THE JOIST MANUFACTURER. DO NOT SCALE FROM THIS DRAWING.
12. JOIST MANUFACTURER TO PROVIDE HORIZONTAL BRIDGING WHERE THE MECHANICAL DUCT IS LOCATED BETWEEN JOISTS.
13. 'WMC' INDICATES MOMENT CONNECTION. SEE 'WIDE FLANGE BEAM TO WIDE FLANGE COLUMN (WMC)' DETAIL ON S-103 FOR ADDITIONAL INFORMATION.



PROJECT NORTH

ROOF FRAMING PLAN

1/8" = 1'-0"

1. TOP OF MAIN ROOF STEEL (JOIST BEARING) ELEVATION 12'-3 1/2" ABOVE SECOND FINISH FLOOR UNLESS NOTED OTHERWISE
   TOP OF UPPER ROOF STEEL [PLAN NORTH OF GL 9] (JOIST BEARING) ELEVATION 13'-9 1/2" AFF UNLESS NOTED OTHERWISE.
2. ROOF SYSTEM: 1 1/2" DEEP, 22 GAUGE GALVANIZED STEEL DECK ON STEEL JOISTS AND BEAMS. SEE GENERAL NOTES AND TYPICAL DETAILS. FOR DECK ATTACHMENT PATTERN, SEE TYPICAL DETAIL ON S-104.
3. CONCRETE ROOF SYSTEM: 3 1/2" NORMAL WEIGHT CONCRETE ON 2", 20 GAGE GALVANIZED COMPOSITE METAL DECK (5 1/2" TOTAL), UNLESS NOTED OTHERWISE, SEE GENERAL NOTES.
4. TOP OF STEEL IS EITHER LEVEL OR SLOPING UNIFORMLY BETWEEN NOTED ELEVATIONS.
5. BEAMS PARALLEL TO JOISTS ARE 2 1/2" HIGHER THAN SUPPORTING MEMBERS.
6. PROVIDE 2 1/2" JOIST SEATS.
7. SPACE STEEL JOISTS EQUALLY BETWEEN BEAMS OR COLUMN LINES, UNLESS NOTED.
8. AT JOISTS DESIGNATED "SP", JOIST MANUFACTURER SHALL DESIGN JOISTS FOR 23 PSF DEAD LOAD (JOIST SELF WEIGHT NOT INCLUDED), 20 PSF LIVE LOAD, PLUS ANY ADDITIONAL LOADS INDICATED ON PLANS OR SECTIONS.
9. HANGER LOCATIONS FOR PIPING LARGER THAN 3 INCHES IN DIAMETER MUST BE COORDINATED BY GENERAL CONTRACTOR WITH THE JOIST MANUFACTURER. FOR PIPING WEIGHTS SEE TABLE ON SHEET S-104.
10. SEE 'ROOF EQUIPMENT FRAME DETAIL' ON S-104 FOR MECHANICAL UNIT FRAMING AND FRAMING AROUND OPENINGS, UNLESS NOTED OTHERWISE ON PLAN.
11. BEAM AND JOIST REACTIONS ARE INDICATED AT ENDS OF BEAMS AND JOISTS AS "XK" WHERE "X" IS THE MAGNITUDE OF THE WORKING LOAD SHEAR REACTION IN KIPS.
12. EQUIPMENT LOCATIONS AND WEIGHTS SHOWN ARE APPROXIMATE. THE GENERAL CONTRACTOR SHALL COORDINATE AND VERIFY THE SIZE, WEIGHT, AND LOCATION OF ALL MECHANICAL UNITS WITH THE JOIST MANUFACTURER. DO NOT SCALE FROM THIS DRAWING.
13. JOIST MANUFACTURER TO PROVIDE HORIZONTAL BRIDGING WHERE THE MECHANICAL DUCT IS LOCATED BETWEEN JOISTS.
14. AT CONCRETE SLAB EDGES, PROVIDE BENT PLATE ON EDGE OF BEAM PER 'COMPOSITE SLAB/DECK DETAIL' ON S-103.
15. CONTRACTOR COORDINATE EXACT LOCATION OF SLAB OPENINGS IN SLAB WITH ARCH AND MEP DRAWINGS. PLACE CENTER OF BEAMS 4" FROM EDGE OF OPENING.
16. PROVIDE REBAR OVER ALL COMPOSITE BEAMS PER 'COMPOSITE SLAB/DECK DETAIL' ON S-103.
17. PROVIDE HSS 8x8x5/16 OUTRIGGER OFF OUTSIDE EDGE OF COLUMN. WELD ALL AROUND TO COLUMN FLANGE PER 'HSS MOMENT CONNECTION DETAIL' ON S-104. WHERE COLUMN IS TURNED AND HSS FRAMES INTO WEB OF BEAM, PROVIDE 1/2" PLATE BETWEEN COLUMN FLANGES (1" DEEPER THAN COLUMN) AND FULLY WELD BOTH SIDES TO COLUMN FLANGE WITH 1/4" FILLET WELD. WELD HSS ALL AROUND TO PLATE WITH 1/4" FILLET WELD SIM TO 'HSS MOMENT CONNECTION DETAIL' ON S-104. TOP OF OUTRIGGER TO BE AT TOP OF CURTAINWALL, SEE ARCH AND 7/S-305.
18. PROVIDE HSS 8x8x5/16 OUTRIGGER OFF OUTSIDE FACE OF HSS COLUMN. PROVIDE 5/16" END PLATE AND WELD END PLATE TO HSS SIM TO 'HSS MOMENT CONNECTION' DETAIL ON S-104. TOP OF OUTRIGGER TO BE AT TOP OF CURTAINWALL, SEE ARCH AND 1/S-304.
19. W8 ELEVATOR HOIST BEAM. PROVIDE MIN 12'-7" CLEAR FROM 2ND FLOOR TO UNDERSIDE OF ELEVATOR HOIST BEAM. CONTRACTOR COORDINATE WITH SELECTED ELEVATOR MANUFACTURER AND VERIFY CLEARANCE PRIOR TO STEEL FABRICATION.
20. 'HMCx' INDICATES HSS BEAM MOMENT CONNECTION TO WIDE-FLANGE COLUMN. SEE 'HSS MOMENT CONNECTION TO WIDE-FLANGE COLUMN' DETAILS ON S-103 FOR ADDITIONAL INFORMATION.
21. 'WMC' INDICATES MOMENT CONNECTION. SEE 'WIDE FLANGE BEAM TO WIDE FLANGE COLUMN (WMC)' DETAIL ON S-103 FOR ADDITIONAL INFORMATION.
22. 'TMC' INDICATES MOMENT CONNECTION. SEE 'WIDE FLANGE BEAM TO HSS COLUMN (TMC)' DETAIL ON S-104 FOR ADDITIONAL INFORMATION.

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
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2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
ROOF FRAMING PLAN

SHEET NUMBER:
S-203

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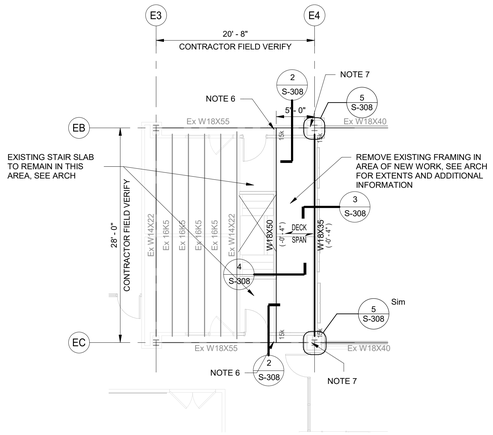
Job Number **24-070**

ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID SMITH
11-21-24

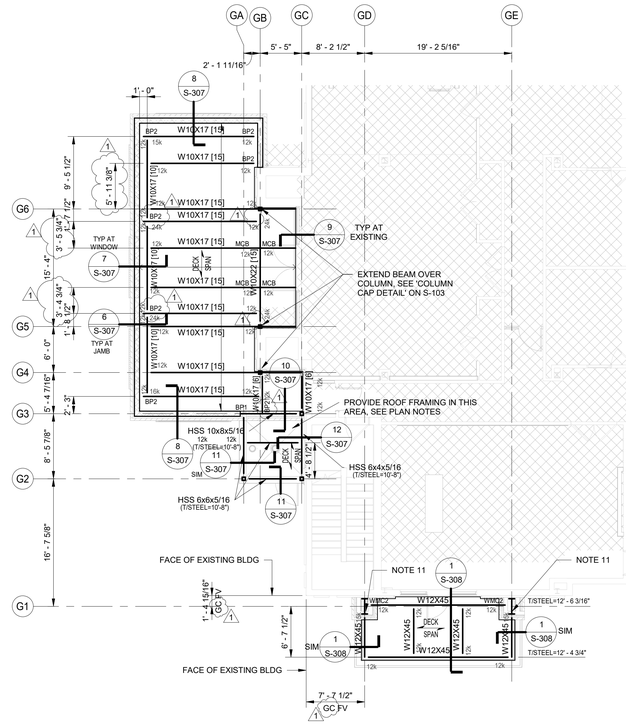


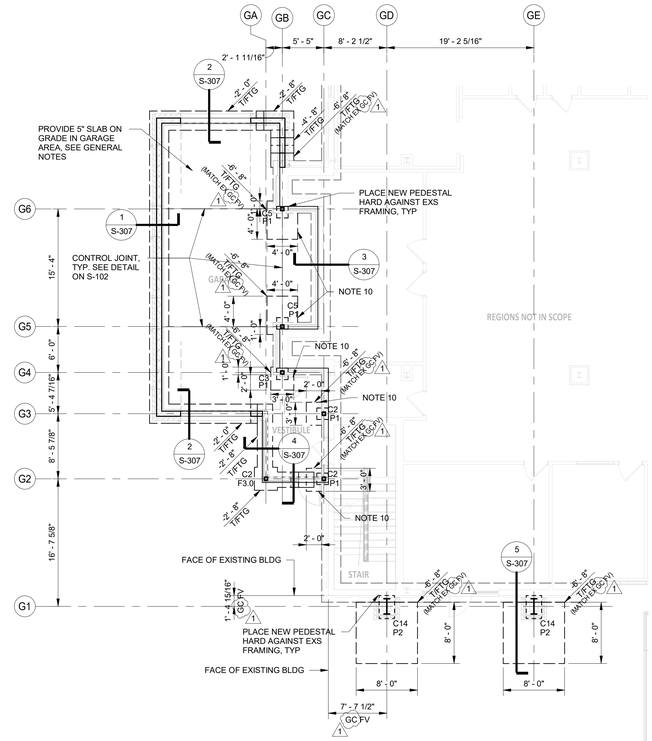
PROJECT NORTH

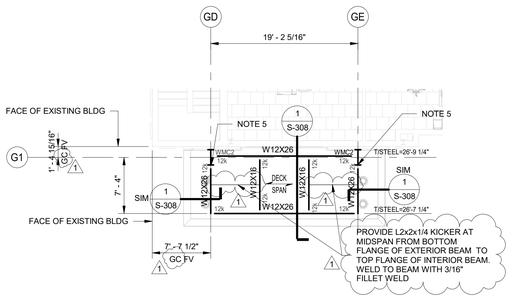
2ND FLOOR EXISTING REGIONS BUILDING

1/8" = 1'-0"

1. ALL CONSTRUCTION IS EXISTING UNLESS NOTED OTHERWISE.
2. FINISH FLOOR (TOP OF SLAB) ELEVATION 14'-0" ABOVE FIRST FLOOR, UNLESS NOTED. CONTRACTOR FIELD VERIFY ELEVATION AND MATCH EXISTING.
3. FLOOR SYSTEM: 2" CONCRETE SLAB ON 2" COMPOSITE STEEL DECK (4" TOTAL) ON STEEL BEAMS, SEE GENERAL NOTES.
4. TOP OF STEEL ELEVATION SHALL BE 4" BELOW FINISH FLOOR ELEVATION UNLESS NOTED.
5. BEAM REACTIONS ARE INDICATED AT ENDS OF BEAMS AND JOISTS AS "Xk" WHERE "X" IS THE MAGNITUDE OF THE WORKING LOAD SHEAR REACTION IN KIPS.
6. PROVIDE FULL DEPTH SINGLE CLIP ANGLE CONNECTION AT ENDS OF NEW BEAM TO EXISTING BEAM WEBS. PROVIDE HORIZONTAL LONG SLOTTED HOLES ON ONE END OF BEAM. PROVIDE 1/4" WELD ON ALL AVAILABLE SIDES BETWEEN NEW CLIP ANGLES AND EXISTING BEAM WEB. CONTRACTOR FIELD VERIFY LOCATIONS TO RECEIVE NEW CONNECTIONS IS CLEAR AND ABLE TO RECEIVE CONNECTION. CONTACT DESIGN TEAM PRIOR TO STEEL FABRICATION FOR NEW DETAIL IF FIELD OBSTRUCTIONS ARE FOUND.
7. CONTRACTOR FIELD LOCATE AND VERIFY EXISTING BEAM TO BEAM OR BEAM TO COLUMN CONNECTION. PROVIDE CONNECTION INFORMATION TO DESIGN TEAM FOR EVALUATION PRIOR TO STEEL FABRICATION. IF EXISTING CONNECTION IS INADEQUATE FOR NEW LOADS, ADDITIONAL MISCELLANEOUS STEEL FRAMING MAY BE REQUIRED.







PROJECT NORTH

BALCONY ROOF FRAMING

1/8" = 1'-0"

1. TOP OF STEEL ELEVATION SEE PLAN, AND ARCHITECTURAL DRAWINGS.
2. ROOF SYSTEM: 1 1/2" DEEP, 22 GAUGE GALVANIZED STEEL DECK ON STEEL BEAMS. SEE GENERAL NOTES AND TYPICAL DETAILS. FOR DECK ATTACHMENT PATTERN, SEE TYPICAL DETAIL ON S-104.
3. TOP OF STEEL IS EITHER LEVEL OR SLOPING UNIFORMLY BETWEEN NOTED ELEVATIONS.
4. 'WMCx' REFERS TO MOMENT CONNECTION TO WIDE-FLANGE COLUMN. SEE S-103 FOR ADDITIONAL INFORMATION.
5. PROVIDE FULL DEPTH DOUBLE SHEAR TAB WELDED CONNECTION OF BEAM TO COLUMN FLANGE. PROVIDE CJP WELDED CONNECTION OF TOP AND BOTTOM BEAM FLANGES TO COLUMN FLANGE. PROVIDE STIFFENER PLATE IN WEB OF COLUMN SIM TO 'WMC' CONNECTION ON S-103 (STIFFENER PLATE THICKNESS TO MATCH BEAM FLANGE THICKNESS).

PROJECT NORTH

PATIO AND LO ROOF FRAMING - GARAGE

1/8" = 1'-0"

1. TOP OF STEEL ELEVATION 12'- 6 1/2" AFF UNLESS NOTED OTHERWISE. CONTRACTOR REVIEW ARCH DRAWINGS AND FIELD VERIFY EXISTING ELEVATIONS.
2. PATIO ROOF SYSTEM: 3 1/2" NORMAL-WEIGHT CONCRETE ON 2" THICK 18 GA COMPOSITE STEEL DECK (5 1/2" TOTAL). SEE GENERAL NOTES.
3. ROOF SYSTEM: 1 1/2" DEEP, 22 GAUGE GALVANIZED STEEL DECK ON STEEL BEAMS. SEE GENERAL NOTES AND TYPICAL DETAILS. FOR DECK ATTACHMENT PATTERN, SEE TYPICAL DETAIL ON S-104.
4. TOP OF STEEL IS EITHER LEVEL OR SLOPING UNIFORMLY BETWEEN NOTED ELEVATIONS.
5. SEE 'ROOF EQUIPMENT FRAME DETAIL' ON S104 FOR MECHANICAL UNIT FRAMING AND FRAMING AROUND OPENINGS, UNLESS NOTED OTHERWISE ON PLAN.
6. BEAM REACTIONS ARE INDICATED AT ENDS OF BEAMS AND JOISTS AS "Xk" WHERE "X" IS THE MAGNITUDE OF THE WORKING LOAD SHEAR REACTION IN KIPS.
7. EQUIPMENT LOCATIONS AND WEIGHTS SHOWN ARE APPROXIMATE. THE GENERAL CONTRACTOR SHALL COORDINATE AND VERIFY THE SIZE, WEIGHT, AND LOCATION OF ALL MECHANICAL UNITS WITH THE JOIST MANUFACTURER. DO NOT SCALE FROM THIS DRAWING.
8. "BPx" INDICATES BEAM BEARING PLATE. SEE TYPICAL DETAIL ON SHEET S-102 FOR ADDITIONAL INFORMATION.
9. 'WMCx' REFERS TO MOMENT CONNECTION TO WIDE-FLANGE COLUMN. SEE DETAILS ON S-103 FOR ADDITIONAL INFORMATION.
10. 'TMC' INDICATES MOMENT CONNECTION. SEE 'WIDE FLANGE BEAM TO HSS COLUMN (TMC)' DETAIL ON S-104 FOR ADDITIONAL INFORMATION.
11. 'MCB' REFERS TO MOMENT CONNECTION THRU BEAM. SEE TYPICAL DETAIL ON S-103 FOR ADDITIONAL INFORMATION.
12. PROVIDE FULL DEPTH DOUBLE SHEAR TAB WELDED CONNECTION OF BEAM TO COLUMN FLANGE. PROVIDE CJP WELDED CONNECTION OF TOP AND BOTTOM BEAM FLANGES TO COLUMN FLANGE. PROVIDE 1/2" STIFFENER PLATE IN WEB OF COLUMN SIM TO 'WMC' CONNECTION ON S-103.

PROJECT NORTH

FOUNDATION PLAN - GARAGE

1/8" = 1'-0"

1. FINISH FLOOR (TOP OF SLAB) ELEVATION 0'-0" MATCH EXISTING, UNLESS NOTED.
2. TOP OF FOOTING ELEVATION -2'-0", UNLESS NOTED.
3. FOR SLAB ON GRADE CONSTRUCTION, SEE GENERAL NOTES AND TYPICAL DETAILS. PROVIDE 5" SLAB ON GRADE UNLESS NOTED.
4. THE BUILDING CONSTRUCTION IS EXISTING EXCEPT WHERE NOTED. CONTRACTOR TO FIELD VERIFY EXISTING MEMBER SIZES, ELEVATIONS, AND LOCATIONS PRIOR TO STEEL FABRICATION.
5. FOR RECESS AND RAMP LOCATIONS, SEE ARCHITECTURAL DRAWINGS.
6. GENERAL CONTRACTOR SHALL COORDINATE TILE AND TERRAZZO JOINT LOCATIONS WITH CONTROL JOINTS.
7. 'Cx' INDICATES COLUMN DESIGNATION. SEE COLUMN SCHEDULE ON S-201 FOR ADDITIONAL INFORMATION.
8. 'Px' INDICATES CONCRETE PEDESTAL. TOP OF PEDESTAL TO BE -2'-0" BELOW FINISH FLOOR UNLESS NOTED. SEE SCHEDULE AND DETAIL ON S-104 FOR ADDITIONAL INFORMATION.
9. 'C14' INDICATES W24x76 COLUMN WITH 30x16x1 1/4 BASEPLATE. PROVIDE (6) 1"ø F1554 GRADE ANCHOR RODS WITH 30" OF EMBEDMENT INTO PEDESTAL. SEE S/S-307 FOR ADDITIONAL INFORMATION.
10. WHERE NO FOOTING DESIGNATION IS SHOWN, PROVIDE FOOTING SIZED AS SHOWN AND 12" DEEP WITH #5@12 EW IN BOTTOM OF FOOTING. WHERE REBAR CONTACTS EXISTING FOOTING DRILL AND EPOXY ANCHOR REBAR 6" INTO EXISTING FOOTING.
11. FOOTING STEP LOCATIONS SHOWN ARE APPROXIMATE. GENERAL CONTRACTOR COORDINATE LOCATION OF ALL FOOTING STEPS WITH THE LATEST CIVIL, PLUMBING, AND UTILITY DRAWINGS. ALL CIVIL AND PLUMBING LINES TO CROSS FOOTINGS ABOVE THE FOOTING, STEP FOOTINGS AS REQUIRED. SEE TYPICAL DETAILS ON S-102.

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

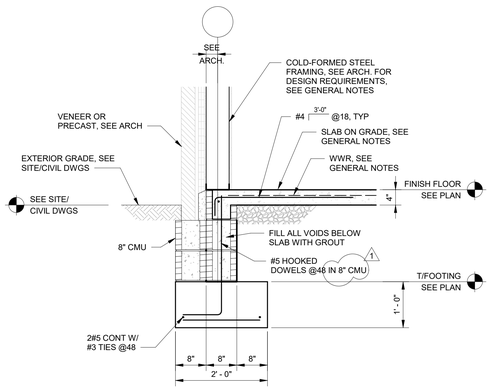
PROJECT NUMBER:
23-083

DRAWING TITLE:
FOUNDATION AND ROOF FRAMING PLAN (GARAGE)

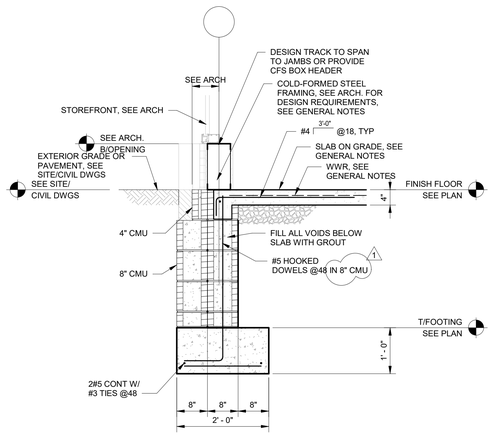
SHEET NUMBER:
S-204

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5260
Job Number **24-070**

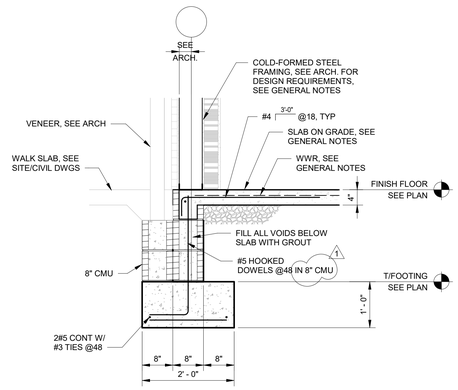
ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID SMITH
11-21-24



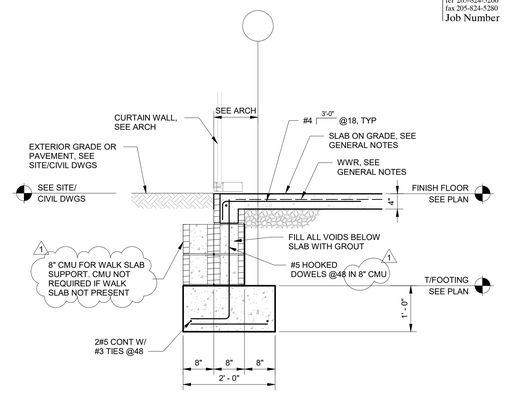
SECTION 1 S-301
3/4" = 1'-0"



SECTION 2 S-301
3/4" = 1'-0"



SECTION 3 S-301
3/4" = 1'-0"



SECTION 4 S-301
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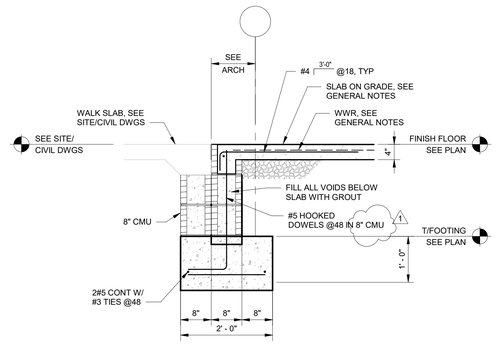
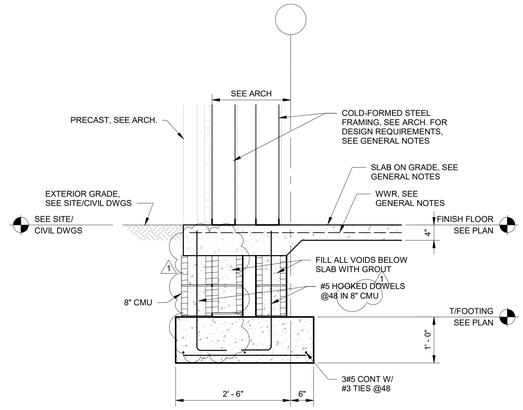
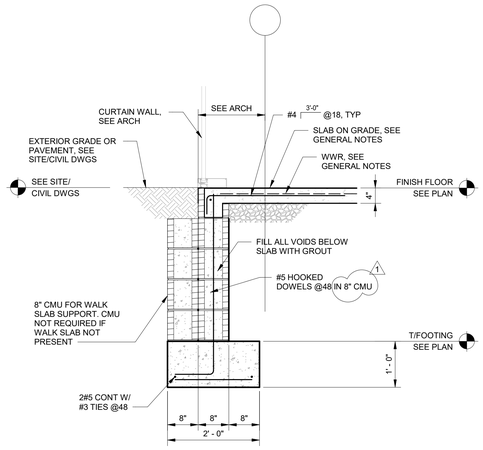


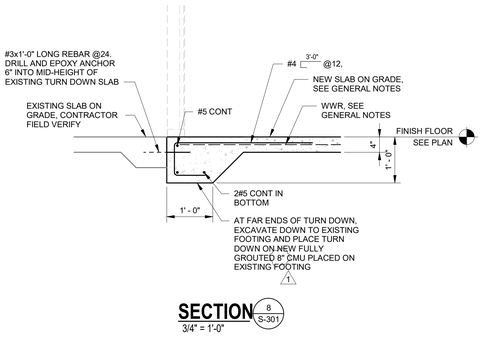
SECTION 5 S-301
3/4" = 1'-0"



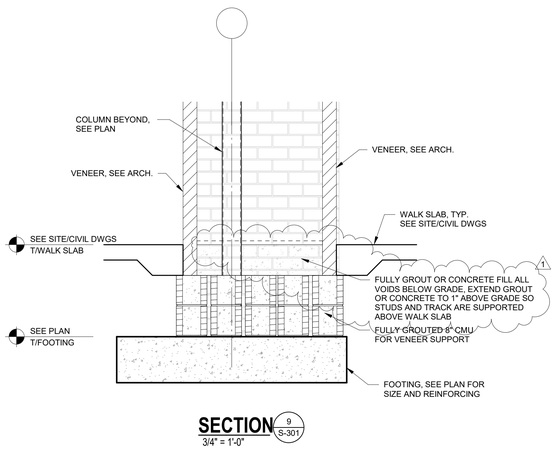
SECTION 6 S-301
3/4" = 1'-0"



SECTION 7 S-301
3/4" = 1'-0"



SECTION 8 S-301
3/4" = 1'-0"



SECTION 9 S-301
3/4" = 1'-0"

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

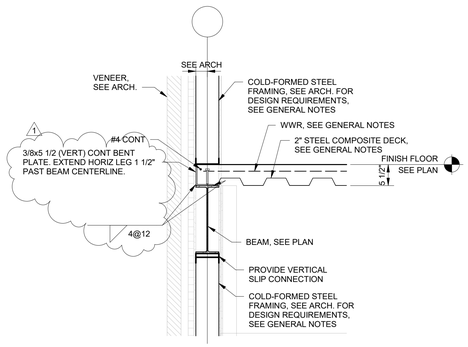
PROJECT NUMBER:
23-083

DRAWING TITLE:
FOUNDATION SECTIONS

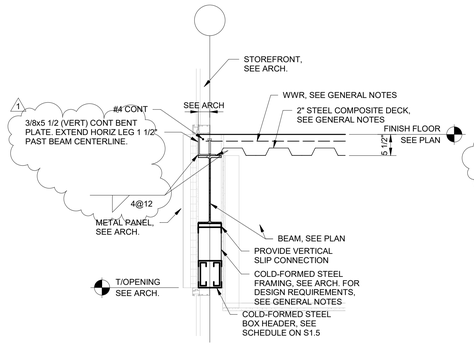
SHEET NUMBER:
S-301

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5260
Job Number **24-070**

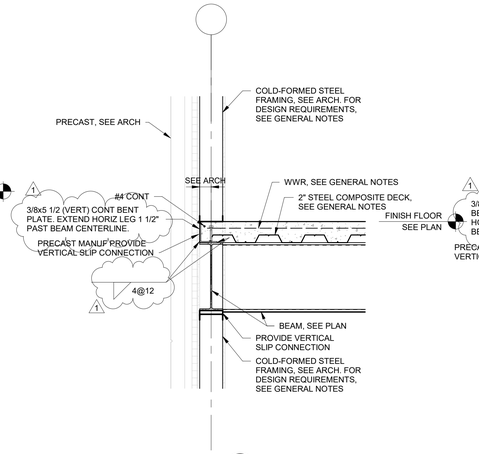
ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID SMITH
11-21-24



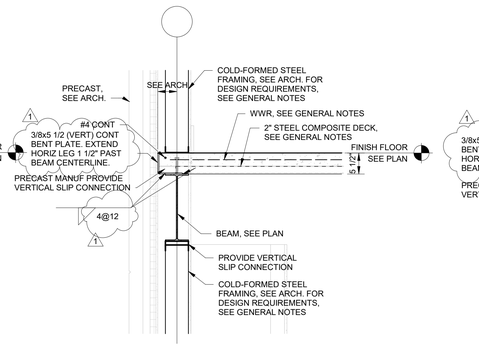
SECTION 1 S-302
3/4" = 1'-0"



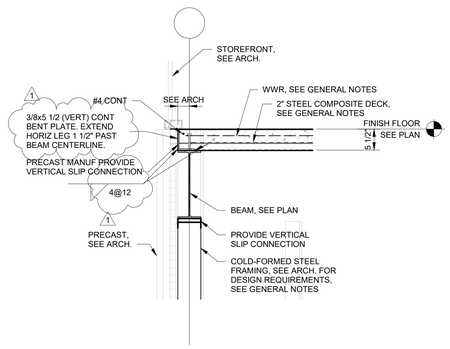
SECTION 2 S-302
3/4" = 1'-0"



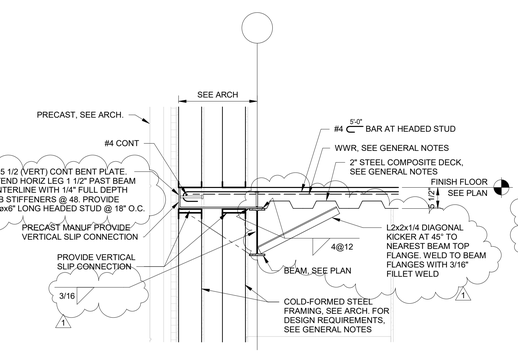
SECTION 3 S-302
3/4" = 1'-0"



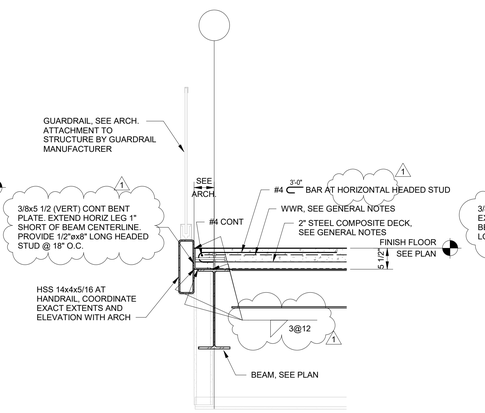
SECTION 4 S-302
3/4" = 1'-0"



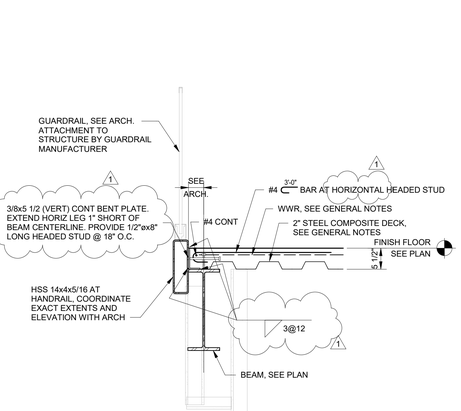
SECTION 5 S-302
3/4" = 1'-0"



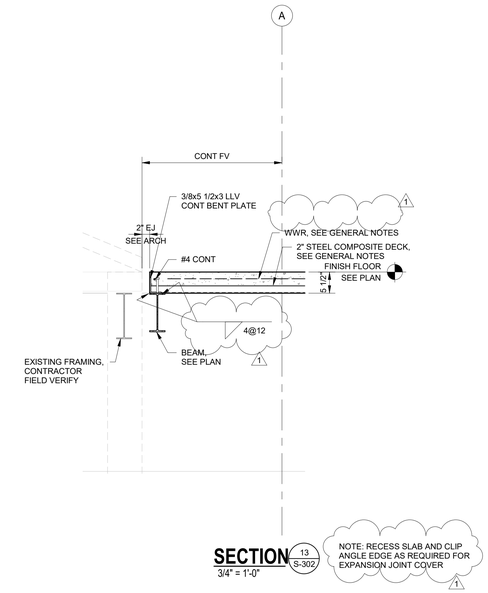
SECTION 10 S-302
3/4" = 1'-0"



SECTION 11 S-302
3/4" = 1'-0"

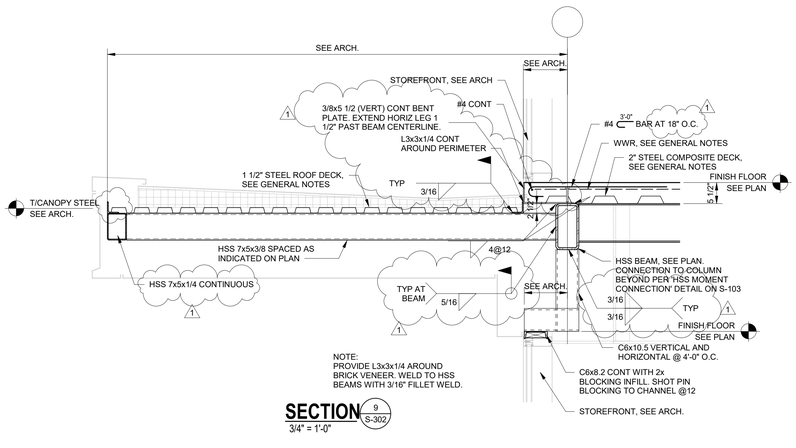


SECTION 12 S-302
3/4" = 1'-0"



SECTION 13 S-302
3/4" = 1'-0"

NOTE: RECESS SLAB AND CLIP ANGLE EDGE AS REQUIRED FOR EXPANSION JOINT COVER



NOTE:
PROVIDE L3x3x1/4 AROUND BRICK VENEER. WELD TO HSS BEAMS WITH 3/16" FILLET WELD.

SECTION 9 S-302
3/4" = 1'-0"

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

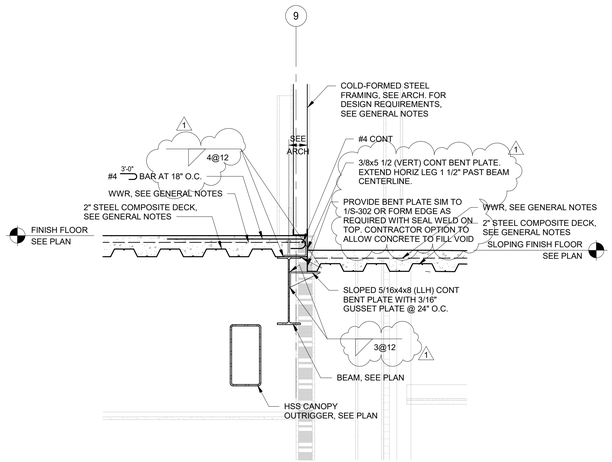
PROJECT NUMBER:
23-083

DRAWING TITLE:
2ND FLOOR SECTIONS

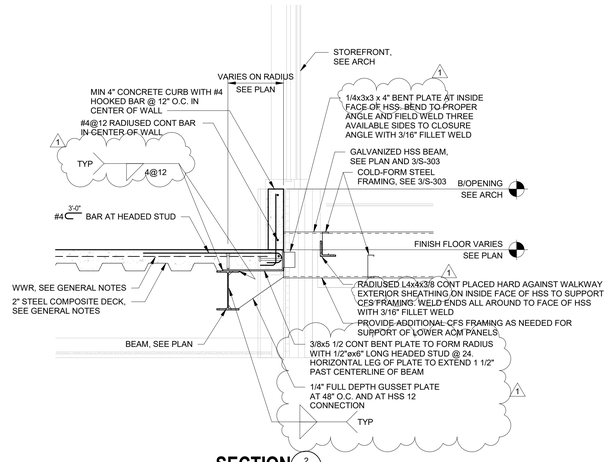
SHEET NUMBER:
S-302

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5260
Job Number **24-070**

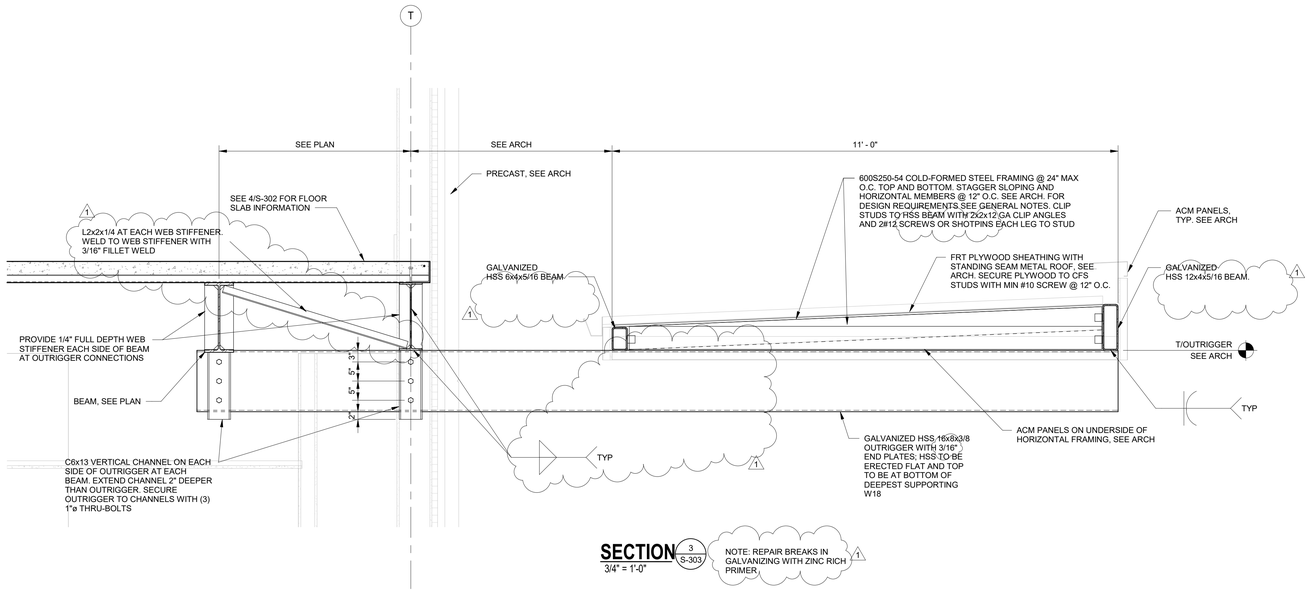
ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID SMITH
11-21-24



SECTION 1 S-303
3/4" = 1'-0"



SECTION 2 S-303
3/4" = 1'-0"



SECTION 3 S-303
3/4" = 1'-0"

NOTE: REPAIR BREAKS IN GALVANIZING WITH ZINC RICH PRIMER

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

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2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
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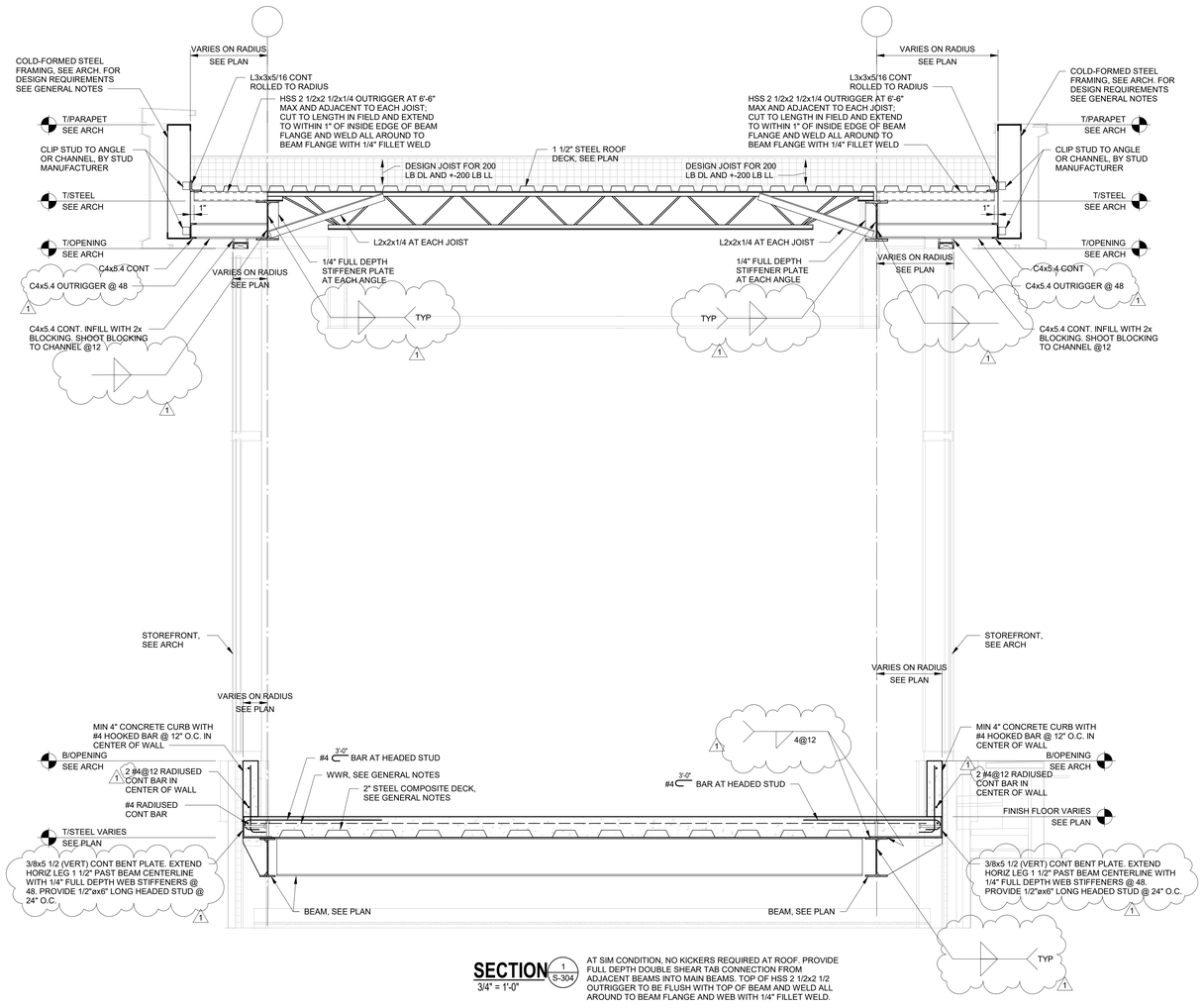
PROJECT NUMBER:
23-083

DRAWING TITLE:
2ND FLOOR SECTIONS

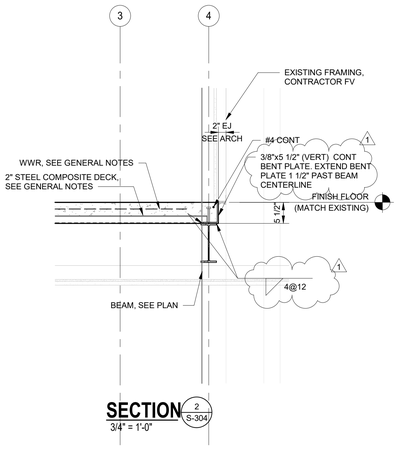
SHEET NUMBER:
S-303

SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5260
Job Number **24-070**

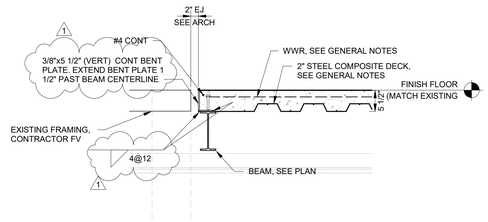


SECTION 1 / S-304
3/4" = 1'-0"

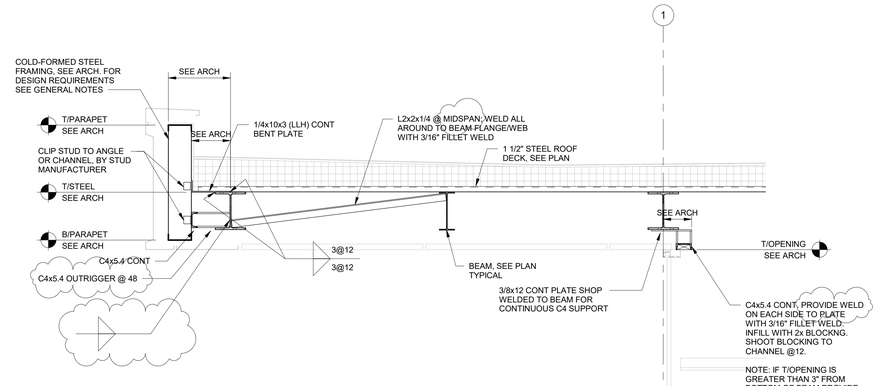
AT SIM CONDITION, NO KICKERS REQUIRED AT ROOF. PROVIDE FULL DEPTH DOUBLE SHEAR TAB CONNECTION FROM ADJACENT BEAMS INTO MAIN BEAMS. TOP OF HSS 2 1/2x2 1/2 OUTRIGGER TO BE FLUSH WITH TOP OF BEAM AND WELD ALL AROUND TO BEAM FLANGE AND WEB WITH 1/4" FILLET WELD.

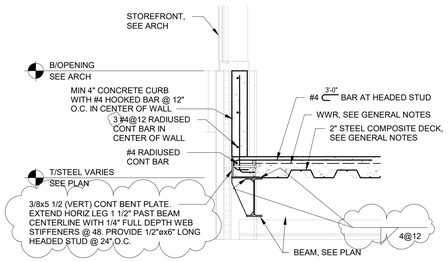


SECTION 2 / S-304
3/4" = 1'-0"

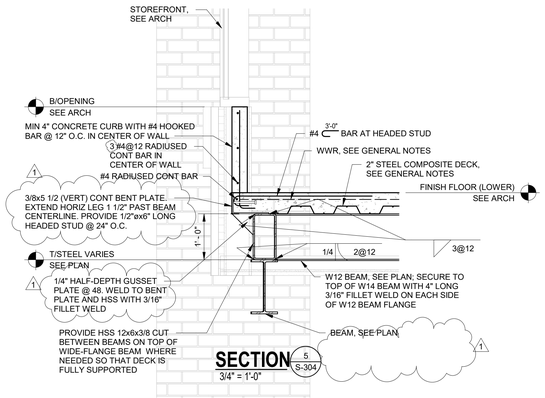


SECTION 3 / S-304
3/4" = 1'-0"

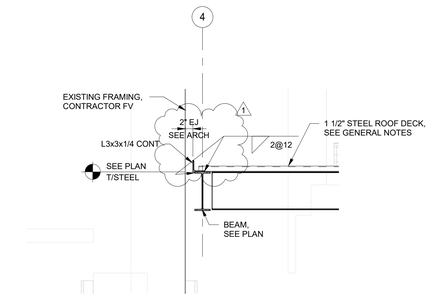




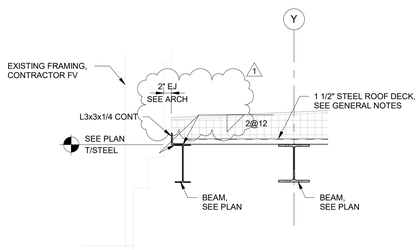
SECTION 4 / S-304
3/4" = 1'-0"



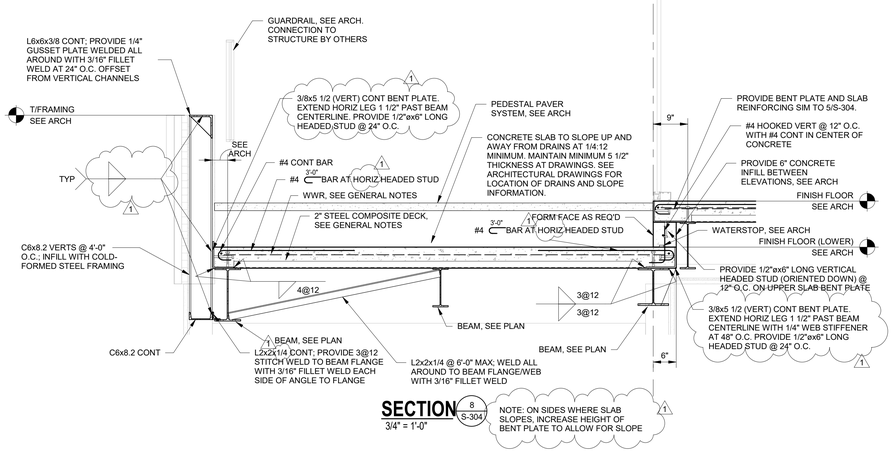
SECTION 5 / S-304
3/4" = 1'-0"



SECTION 6 / S-304
3/4" = 1'-0"



SECTION 7 / S-304
3/4" = 1'-0"



SECTION 8 / S-304
3/4" = 1'-0"

NOTE: ON SIDES WHERE SLAB SLOPES, INCREASE HEIGHT OF BENT PLATE TO ALLOW FOR SLOPE

ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID SMITH
11-21-24

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

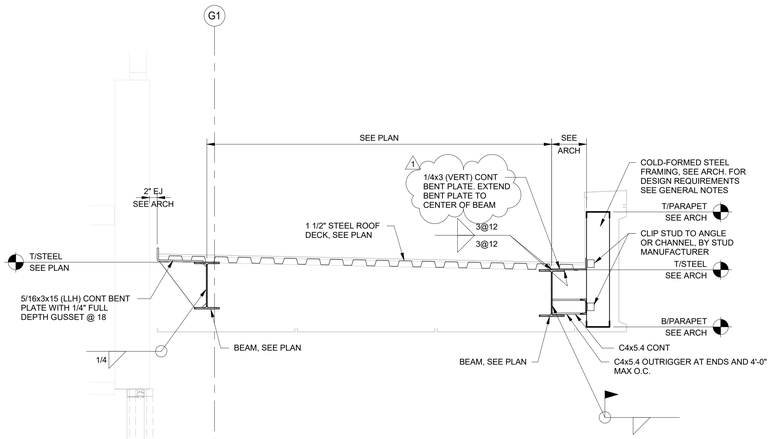
PROJECT NUMBER:
23-083

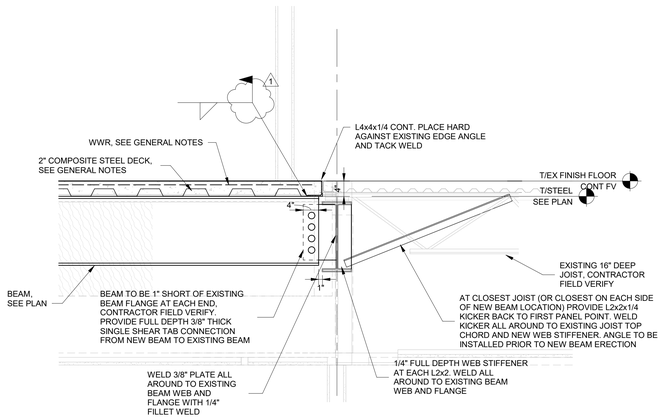
DRAWING TITLE:
WALKWAY SECTIONS

SHEET NUMBER:
S-304

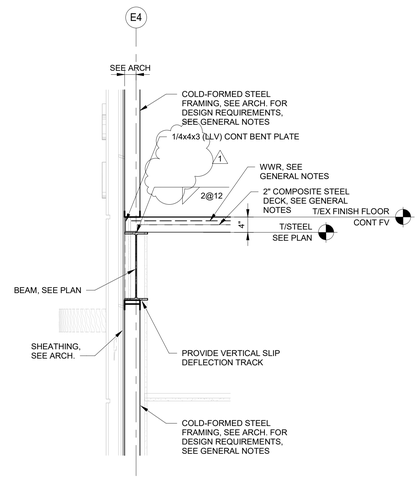
SDG
STRUCTURAL DESIGN GROUP
300 Chase Park South, Suite 125
Hoover, AL 35244
tel 205-824-5200
fax 205-824-5260
Job Number **24-070**

ALABAMA LICENSED No. 30803-E PROFESSIONAL ENGINEER JORDAN DAVID SMITH
11-21-24





SECTION 2 / S-308
3/4" = 1'-0"

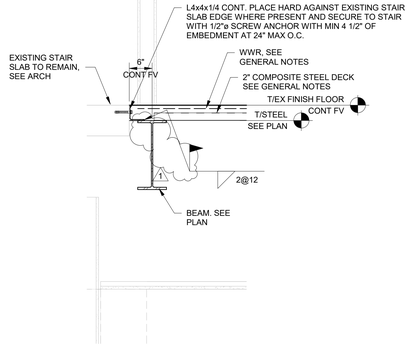


SECTION 3 / S-308
3/4" = 1'-0"

SECTION 1 / S-308
3/4" = 1'-0"

AT SIM CONDITION AT ROOF, PROVIDE WEB STIFFENERS AND KICKERS TO ADJACENT BEAMS SIM TO DETAIL 8/S-304

NOTE: ON SIDES WHERE SLAB SLOPES, INCREASE HEIGHT OF BENT PLATE TO ALLOW FOR SLOPE



SECTION 4 / S-308
3/4" = 1'-0"

SECTION 5 / S-308
1 1/2" = 1'-0"

SECTION 6 / S-308
3/4" = 1'-0"

GADSDEN CITY HALL
100% CONSTRUCTION DRAWINGS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

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WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
NOVEMBER 21, 2024

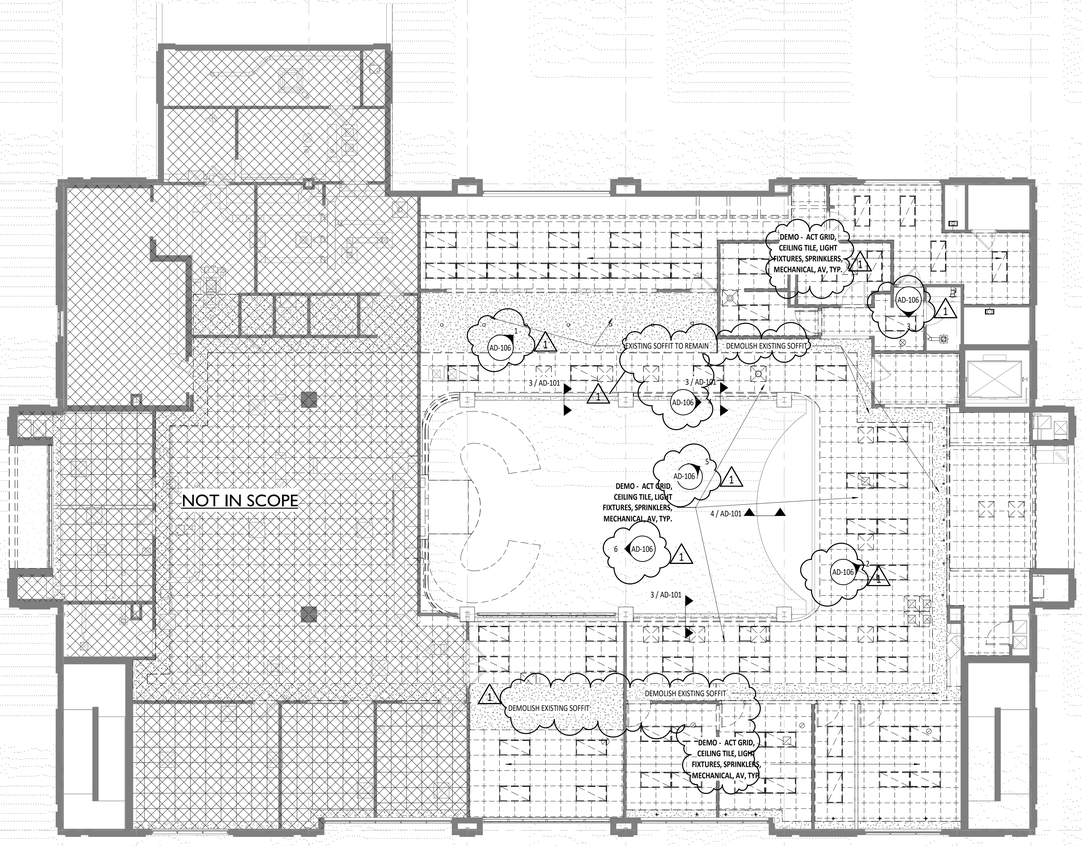
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

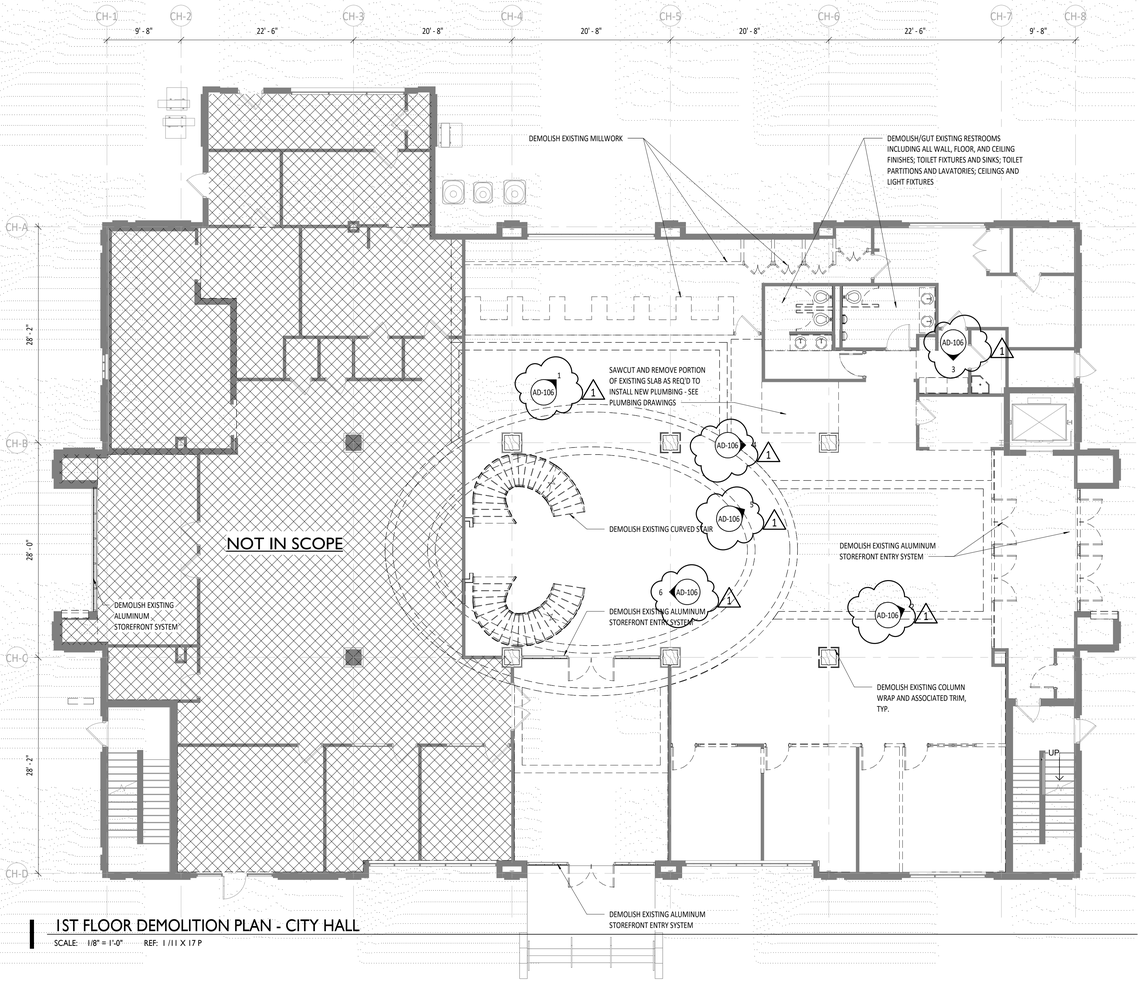
DRAWING TITLE:
BALCONY & REGIONS INFILL SECTIONS

SHEET NUMBER:
S-308



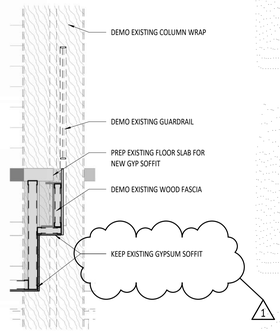
2 1ST FLOOR DEMOLITION RCP - CITY HALL

SCALE: 1/8" = 1'-0" REF: 1 /11 X 17 P



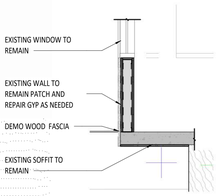
1 1ST FLOOR DEMOLITION PLAN - CITY HALL

SCALE: 1/8" = 1'-0" REF: 1 /11 X 17 P



3 GUARDRAIL/SOFFIT DEMO

SCALE: 1/2" = 1'-0" REF: 2 /AD-101



4 WOOD FASCIA DEMO

SCALE: 1/2" = 1'-0" REF: 2 /AD-101

GENERAL DEMOLITION NOTES

1. THE GENERAL CONTRACTOR SHALL SCHEDULE WORK HOURS IN ADVANCE WITH LANDLORD AND TENANT. CORE-DRILLING AND/OR OTHER WORK WHICH MAY DISTURB OCCUPIED TENANT SPACE MUST BE COORDINATED WITH LANDLORD AND TENANT IN ADVANCE AND MAY BE REQUIRED AFTER NORMAL BUSINESS HOURS. CONTRACTOR TO COORDINATE DEMOLITION WORK AND REFUSE DISPOSAL W/ THE LANDLORD AND TENANT PRIOR TO STARTING WORK. THE CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH EXISTING CONSTRUCTION AND INVESTIGATE IN A REASONABLE, PRUDENT MANNER REGARDING HIDDEN CONDITIONS. THE BUILDING OWNER, LANDLORD AND TENANT ASSUME NO LIABILITY FOR EXTRA WORK OR ADDITIONAL COMPENSATION DUE TO THE FAILURE OF THE CONTRACTOR OR SUBCONTRACTOR TO COMPLY WITH ALL REGULATIONS, LAWS, AND/OR ORDINANCES AFFECTING THE METHODS OF DEMOLITION AND THE DISPOSAL OF WASTE MATERIAL.

2. USE PROTECTION MEANS NECESSARY TO PREVENT DAMAGE TO BUILDING STRUCTURE AND WORK NOT TO BE DEMOLISHED. CARE SHALL BE TAKEN TO PROTECT EXISTING FINISH MATERIALS AT INTERFACE BETWEEN DEMOLITION AND EXISTING CONSTRUCTION TO REMAIN. PREVENT DUST FROM BECOMING A NUISANCE TO THE PUBLIC, TO TENANTS OCCUPYING THE BUILDING, AND TO OTHER WORK BEING PERFORMED IN THE AREA.

3. IN THE EVENT OF DEMOLITION OF ITEMS NOT SCHEDULED TO BE DEMOLISHED, SAID ITEMS SHALL BE PROMPTLY REPLACED AT NO COST TO THE BUILDING OWNER, LANDLORD OR TENANT; THIS TO INCLUDES BUT IS NOT LIMITED TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE ALARM AND FIRE PROTECTION ITEMS.

4. ALL DEMOLITION SHALL BE LIMITED TO THE SMALLEST AREA REQUIRED TO COMPLETE THE WORK. ALL NEW CONSTRUCTION ADJACENT TO EXISTING SHOULD CONTINUE THE FINISH, PATTERNS, AND TRIM DETAILS OF EXISTING U.N.O.

5. THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING AND PATCHING REQUIRED FOR PROPER SUPPORT OF EXISTING WALLS TO REMAIN, FLOORS, CEILINGS, AND SYSTEMS AFFECTED BY DEMOLITION. ALL NEW PARTITIONS SHOULD BE STRAIGHT AND TRUE WITH SMOOTH SURFACES, THIS IS TO INCLUDE AREAS WHERE NEW SURFACES JOIN EXISTING SURFACES. NEW PAINTED SURFACES, CARPETS, FABRIC, WALL BASE, ETC. SHOULD BE REMOVED AND/OR EXTENDED AS FAR AS REQUIRED INTO OLD FINISHES TO INSURE PROPER TRANSITION.

6. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR INFORMATION REGARDING CEILINGS, LIGHTING, DIFFUSERS AND FIRE ALARM AND FIRE PROTECTION ITEMS.

7. ALL ITEMS THAT ARE NOT SALVAGED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PER ALL FEDERAL, STATE, AND LOCAL CODES AND REGULATIONS.

8. CONTRACTOR TO COORDINATE AND SCHEDULE ALL INTERRUPTIONS OF UTILITIES WITH LANDLORD AND TENANT A MINIMUM OF ONE WEEK PRIOR TO COMMENCING ANY RENOVATIONS TO SYSTEMS.

9. FLOORING: CONTRACTOR TO INSPECT EXISTING FLOOR SLAB TO DETERMINE WHERE ANY CORE DRILLS LOCATIONS EXIST. CONTRACTOR IS RESPONSIBLE FOR FILLING ANY EXISTING CORE DRILLS WITH CONCRETE PATCH IN THICKNESS TO MATCH EXISTING SLAB. ANY FILLING MATERIAL TO MAINTAIN REQUIRED RATING BETWEEN FLOOR LEVELS.

10. IN THE EVENT, ANY STRUCTURAL M,E,P, FP & FP ITEMS ARE DISCOVERED DURING DEMOLITION THAT WOULD PREVENT THE ABILITY TO BUILD OUT THE NEW SPACE AS DOCUMENTED, THE GENERAL CONTRACTOR IS TO NOTIFY THE ARCHITECT IN WRITING.

11. EXISTING EXIT SIGNS TO BE DEMOLISHED. CONFIRM/COORDINATE WITH ELECTRICAL DRAWINGS.

12. EXISTING DOORS TO REMAIN SHALL BE PROTECTED DURING DEMOLITION AS REQUIRED TO MAINTAIN EXISTING FINISH QUALITY. ANY EXISTING DAMAGE OR NEW DAMAGE SHALL BE REPAIRED BY THE CONTRACTOR. EXISTING DOOR HARDWARE TO BE REMOVED AND DOOR TO BE PREPPED FOR NEW SCHEDULED DOOR HARDWARE. CONTRACTOR SHALL REVIEW DOOR SCHEDULE FOR NEW BUILD-OUT TO DETERMINE IF EXISTING DOORS, DOOR HARDWARE AND DOOR FRAMES TO BE DEMOLISHED CAN BE REUSED IN NEW BUILD-OUT.

13. FLOORING: REMOVE ALL EXISTING FLOOR TYPES; BROADLOOM CARPET, MODULAR CARPET, PORCELAIN, CERAMIC AND VINYL, ALONG WITH ALL ADHESIVES, CAULK, SEALANTS, SETTING MATERIALS AND GROUT. REPAIR ALL DAMAGE TO THE EXISTING CONCRETE SUBFLOOR SURFACES CAUSED FROM THE REMOVAL OF EXISTING FLOORING. THIS INCLUDES APPLICATION OF NEW FILLER/LEVELING PRODUCTS AS REQUIRED TO CREATE A LEVEL SURFACE FOR THE APPLICATION OF NEW FLOOR FINISH TYPES AS INDICATED IN THE CONSTRUCTION DOCUMENTS. FLOOR LEVEL MUST MEET PUBLISHED REQUIREMENTS FROM MANUFACTURER OF NEW FLOOR FINISH. WHERE POLISHED CONCRETE FLOORING IS SCHEDULED CLEAN AND REPAIR FLOOR FROM REMOVAL OF EXISTING FLOOR FINISH.

14. BASE: REMOVE ALL EXISTING BASE TYPES; PORCELAIN, CERAMIC, RUBBER AND WOOD BASE. REPAIR ALL DAMAGE TO THE EXISTING GYPSUM BOARD PARTITION SURFACES TO REMAIN CAUSED FROM THE REMOVAL OF THE EXISTING RUBBER BASE OR WOOD BASE. PREPARE THE FINISH SURFACE OF ALL GYPSUM BOARD PARTITIONS TO REMAIN AS REQUIRED TO RECEIVE NEW WALL FINISH TYPES IN HEIGHTS AS INDICATED IN CONSTRUCTION DOCUMENTS. IF THE NEW BASE SPECIFIED IS LOWER THAN THE EXISTING BASE BEING REMOVED, FINISH GYPSUM BOARD PARTITION TO A MINIMUM OF 1" BELOW THE LEVEL OF THE NEW BASE WHERE GYPSUM BOARD IS INDICATED TO RECEIVE A PAINTED FINISH, ACHIEVE A LEVEL 4 DRYWALL FINISH.

15. WALL: REMOVE ALL EXISTING WALL FINISHES: PORCELAIN, CERAMIC, RUBBER AND WOOD. REPAIR ALL DAMAGE TO THE EXISTING GYPSUM BOARD PARTITION SURFACES TO REMAIN CAUSED FROM THE REMOVAL OF THE EXISTING FINISH. PREPARE THE FINISH SURFACE OF ALL GYPSUM BOARD PARTITIONS TO REMAIN AS REQUIRED TO RECEIVE NEW WALL FINISH TYPES IN HEIGHTS AS INDICATED IN CONSTRUCTION DOCUMENTS. WHERE GYPSUM BOARD IS INDICATED TO RECEIVE A PAINTED FINISH, ACHIEVE A LEVEL 4 DRYWALL FINISH.

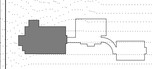
DEMOLITION PLAN LEGEND

- EXISTING TENANT CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED AND REMOVED; INCLUDING ALL PARTITIONS, DOORS, WINDOWS, SHELVING, BRACKETS, MILLWORK, ANCHORS, FASTENERS, PLUMBING, BLOCKING, MECHANICAL AND ELECTRICAL SYSTEMS UNLESS NOTED OTHERWISE. SALVAGE ANY ELEMENTS AS DESCRIBED IN DEMOLITION NOTES.
- KEY SHADE - EXISTING CORE EXTENTS TO REMAIN
- KEY HATCH #1 - NOT IN SCOPE OF WORK
- KEY HATCH #2 - EXISTING CEILING TO REMAIN
- EXTENT OF FLOORING FINISHES TO REMAIN; *SEE 6TH FLOOR*
- EXISTING DOOR, FRAME, AND HARDWARE TO BE DEMOLISHED

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St. Gadsden, AL 35901
23-083

KEY PLAN :



ARCHITECT OF RECORD :

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2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:

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23-083

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1ST FLOOR DEMOLITION PLAN - CITY HALL

SHEET NUMBER:

AD-101

CONSTUCTION PHASING GENERAL NOTES:

Regions Bank will remain a tenant on the first floor of the new City Hall (former Regions Bank Building) during construction. Likewise, Merrill Lynch and CDG will remain tenants in the Merrill Lynch Building (future expansion space) during construction. Since these buildings will be occupied, construction must be implemented in phases (site work and building) to maintain business operations, maximize available parking spaces, and maintain public access.

With this in mind, some key phases have been identified on this phasing plan to help inform decisions about scheduling and associated costs because work in certain areas must be completed after hours or in some cases over weekends or holidays when the buildings will not be occupied. The general contractor is responsible for developing a construction schedule and final phasing plan that addresses all the work that is necessary to complete the project within the specified, allotted time.

The GC is responsible for coordinating the work with the Owner as required to avoid interfering with the business operation of the Owner's tenants. Furthermore, the GC is responsible for providing all necessary barricades, traffic control devices, flagmen, temporary signage, etc. that are necessary to separate public areas from construction areas at all times. The staging of materials, delivery trucks, or equipment shall not block or restrict exiting of occupied areas. Without exception, two means of egress paths must be maintained at all times for areas that are occupied by the public.

When work is being performed on the fire alarm system or the automatic sprinkler system which causes these systems to be inoperable, it's the GC's responsiblity to notify the tenants and contact the local fire department 48 hours in advance so that a fire watch may be implemented. It's the GC's responsiblity to leave existing systems in-tact and operable while new systems are being installed to limit down time when making the final connection and bringing the new systems on-line.

SITE WORK PHASING SUMMARY:

S-1 MAIN SITEWORK:
The work area for this phase includes construction associated with the majority of site improvements including the southwest parking lot and the new front lawn/entry plaza. It also includes the building pad where the new building addition will be constructed, the GC's lay-down/staging area, and the GC's temporary job trailer.

It's assumed that construction workers will park in the southwest parking lot during construction . A vacant lot, which is owned by the City and is located across Chestnut Street from the jobsite, will be used by existing tenants as a parking lot during this timeframe. At some point, construction workers may also have to share the vacant lot with tenants to facilitate completing paving, curbs and striping. This will need to be coordinated with the city and the tenants at the appropriate time.

The following sub-phases of work must be completed within this area:

a. Water Service Vault (Merrill Lynch Building):
The existing water service vault located at the north side of the property near the Merrill Lynch building is to be removed and new water service vault is to be installed at the southwest corner of the site. During this phase of work, all the piping and infrastructure for the new vault is to be installed up to the area where the final connections will be made to the existing fire service riser and domestic water line. The timeframe for making the final connection should be minimized and the local fire department is to be notified of the need for a fire watch during the down-time of the fire-sprinkler system.

b. Close-off Driveway @ Southwest Corner
Work at this area includes closing off the existing driveway, and installing the new water service vault. This work must be coordinated with installation of new water service lines that cross the site to connect with the ends of the lines at the north side of the property. Since trenching and installing new water lines impact the use of the two remaining driveways, this work needs to be broken into smaller segments or phases to keep at least one driveway open at all times during construction.

S-2 CITY HALL ENTRY / H.C. RAMP:
This phase includes the construction of a new ADA compliant H.C. ramp and sidewalk. Since two ADA compliant egress paths must be maintained from the Regions tenant space, the construction of this ramp needs to be completed as soon as possible while the existing doors and sidewalk a the west side of the Regions building (New City Hall) are still in place. Once the ramp construction has been completed and inspected, the lobby area within the Regions building can be closed-off from the public so that demoltion and construction activities within this area may commence.

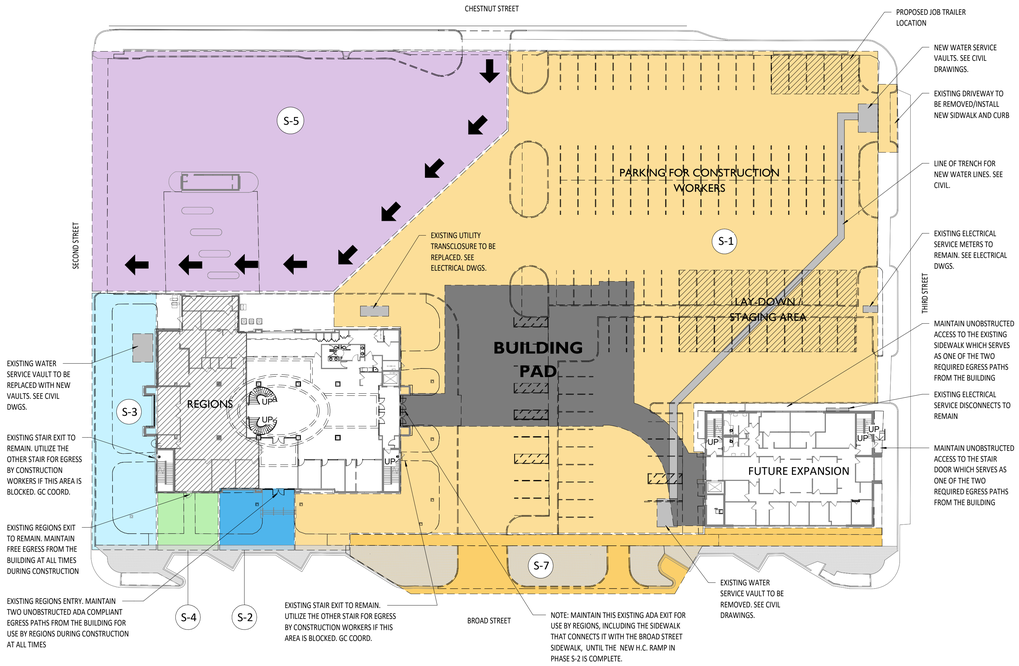
S-3 NEW GARAGE:
This phase includes the construction of a new garage off Second Street and a new water service vault that serves the Regions building. During this phase, a temporary means of egress is to be provided and marked with signage for construction workers who must utilizing the existing stair at the northwest corner of the building to egress from the upper floors.

S-4 MAYOR'S BALCONY / REGIONS EXIT:
This phase includes the construction of the mayor's balcony over the existing Regions exit. Since the Region's tenant space will be occupied by the public during construction, a clear and unencumbered egress path must be provided at all times leading to the sidewalk along Broad Street, which is the public way. The installation of any construction elements overhead or alongside the egress door or path which pose a hazard to the public must be completed before or after regular business hours or over weekends when the bank is closed.

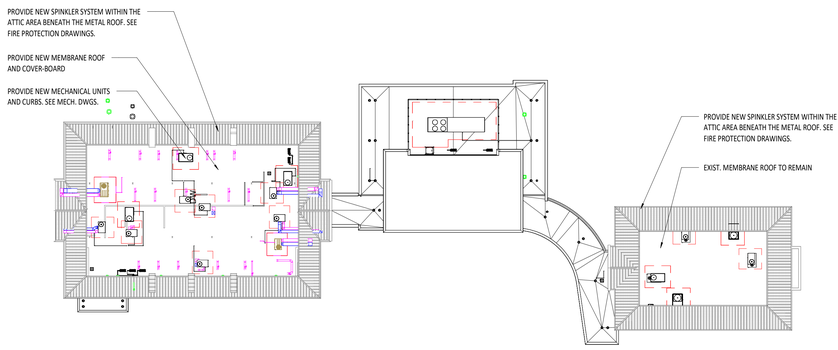
S-5 REGIONS TELLER DRIVE (SOUTH SIDE):
At all times during regular business hours, the Regions teller driveway must be open to the public and unencumbered from construction activities. Prior to the removal of the entrance driveway off Chestnut Street, work in this area must be coordinated with work in the S-1 Phase area so that bank patrons can access the teller lines from Third Street and avoiding any possible overlap with construction related traffic or equipment; therefore, it's assumed that work in this area will be completed towards the end of the job.

S-6 REGIONS TELLER DRIVE (NORTH SIDE):
The work area for this phase directly impacts the teller line and must be completed after hours or over weekends to maintain business operations. It's separated from the work area associated with Phase S-5 because the new island and parking area to the south of it can be isolated from it without impacting access to the five drive lanes; however, use of the ATM will be impacted by this work, so it must be expedited. Like the Phase S-5 area, it's assumed that work in this area will be completed towareds the end of the job.

S-7 DROP-OFF LANE @ BROAD STREET:
The work in this area is associated with the demo of existing curbs and sidewalks along Broad Street and the construction of a new drop-off lane and sidewalks immediately in front of the building. This area is shown separately from the S-1 Phase because watchmen will need to be provided to isolate construction workers and equipment from traffic when completing demotion work and pouring new curbs and sidewalks. Parking spaces off Broad Street in front of the Regions Building will need to be kept free and clear at all times during regular business hours to accommodate bank patrons.



5 PHASING PLAN - EXISTING SITE
SCALE: 1/32" = 1'-0" REF: 1 /11 X 17 P



3 PHASING PLAN - ROOF
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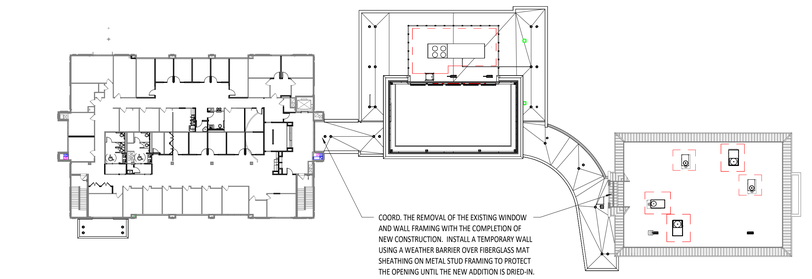

2 PHASING PLAN - LEVEL 3
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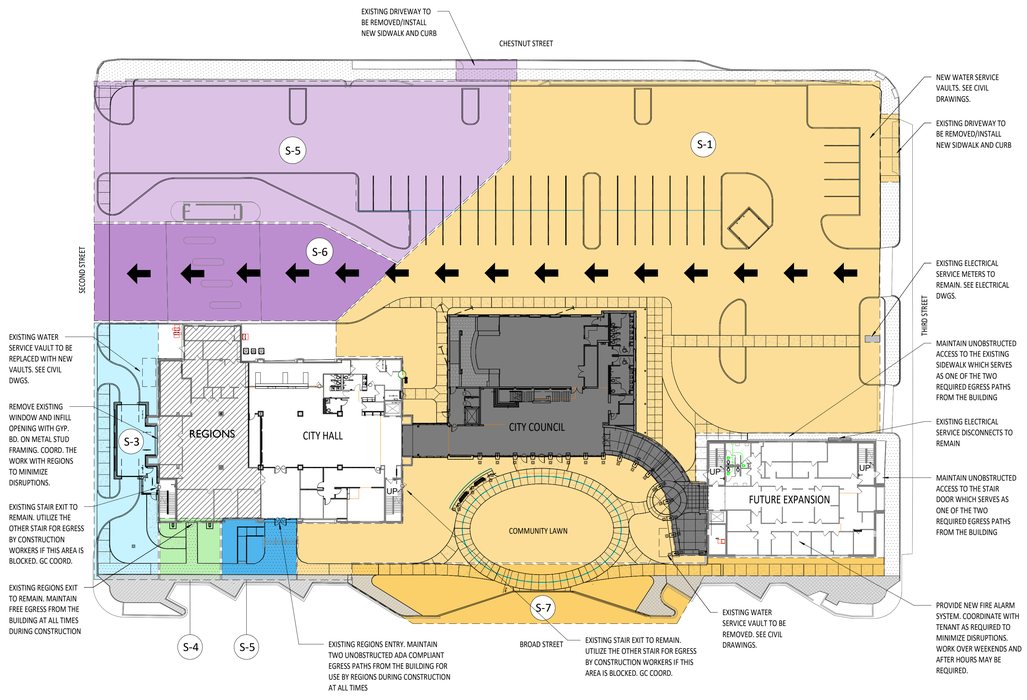

4 PHASING PLAN - NEW SITE
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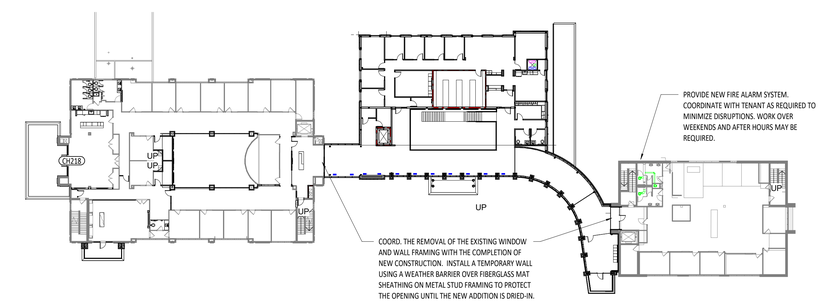

1 PHASING PLAN - LEVEL 2
SCALE: 1/32" = 1'-0" REF: 1 /A-200

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

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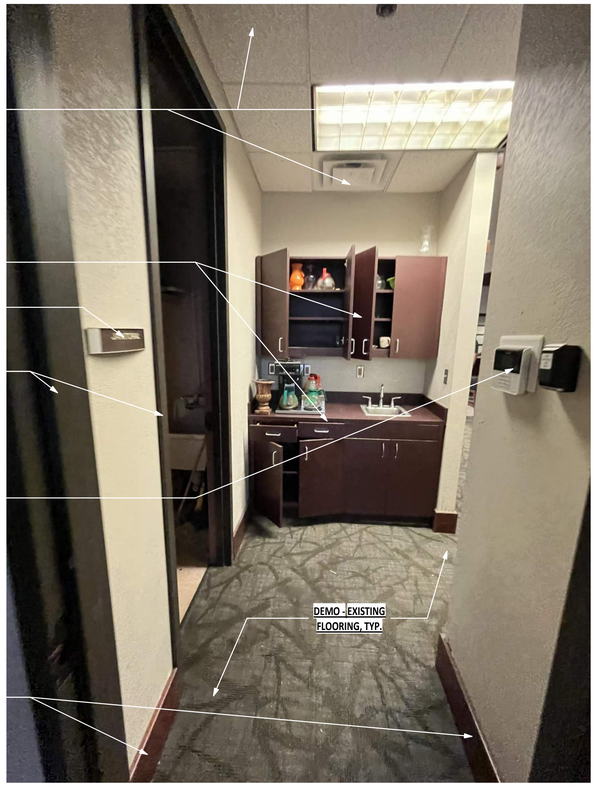
NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

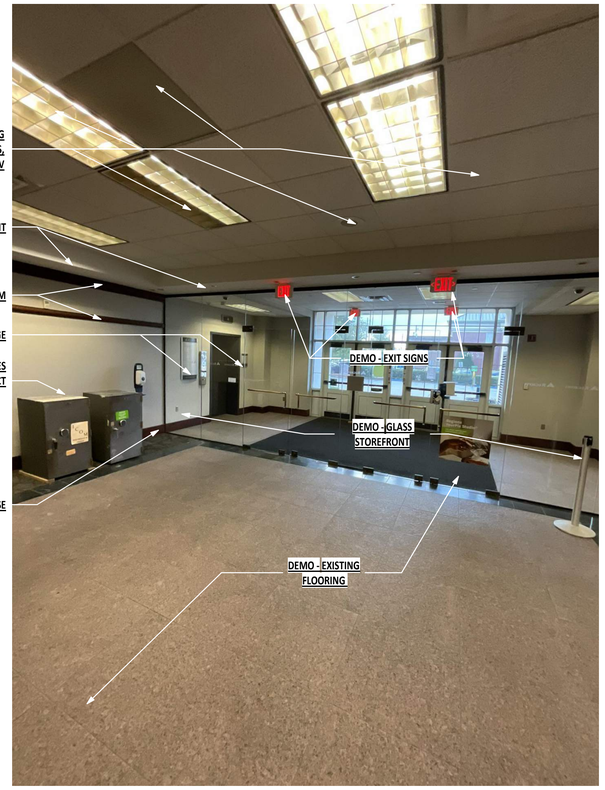
DRAWING TITLE:
PHASING PLAN

SHEET NUMBER:
AD-105



3 DEMO PHOTO - 1ST FLOOR CITY HALL

SCALE: 3/16" = 1'-0"



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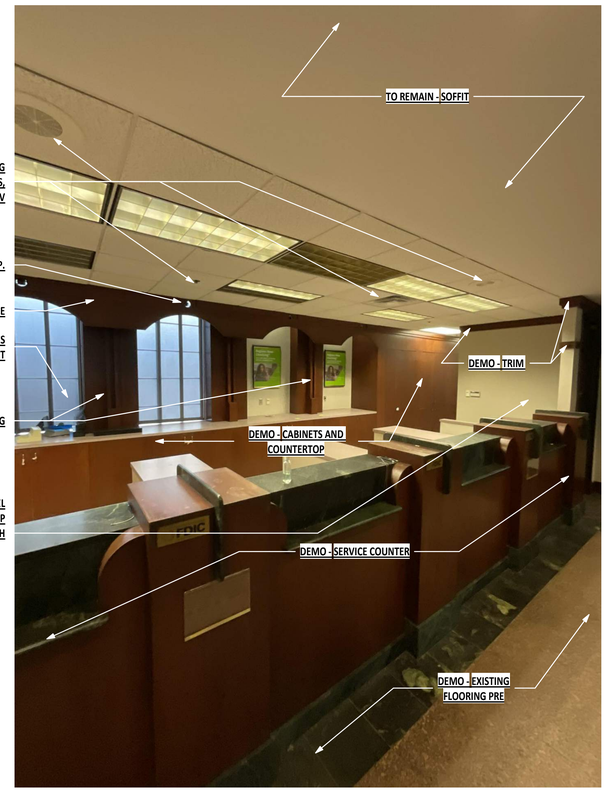

1 DEMO PHOTO - 1ST FLOOR CITY HALL

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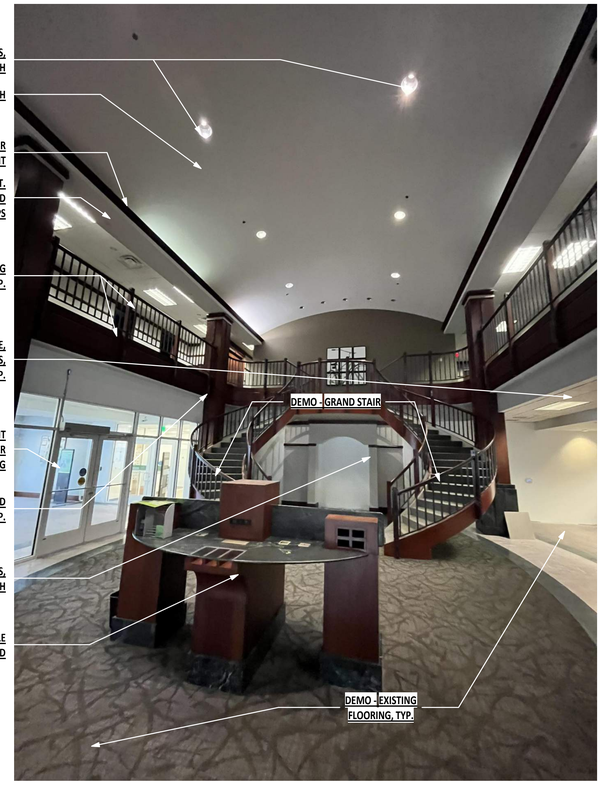
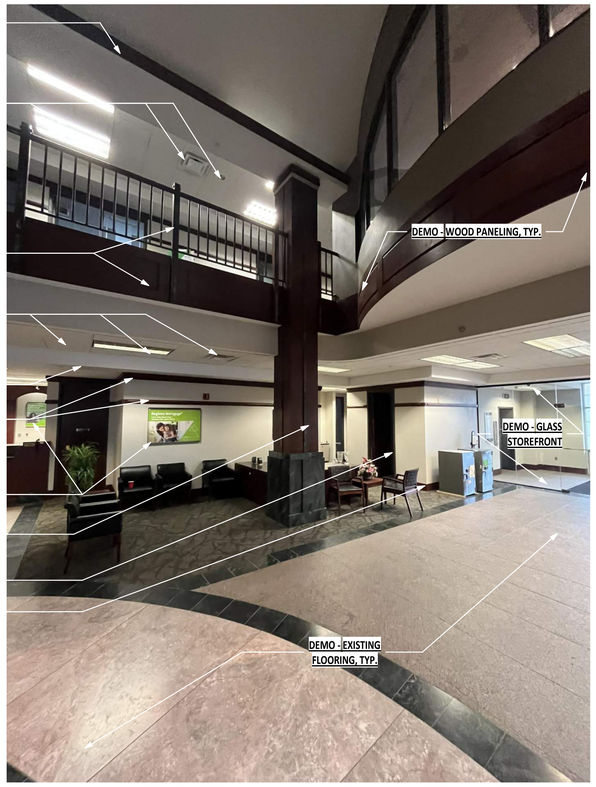


6 DEMO PHOTO - 1ST FLOOR CITY HALL

SCALE: 3/16" = 1'-0"



5 DEMO PHOTO - 1ST FLOOR CITY HALL

SCALE: 3/16" = 1'-0"

4 DEMO PHOTO - 1ST FLOOR CITY HALL

SCALE: 3/16" = 1'-0"

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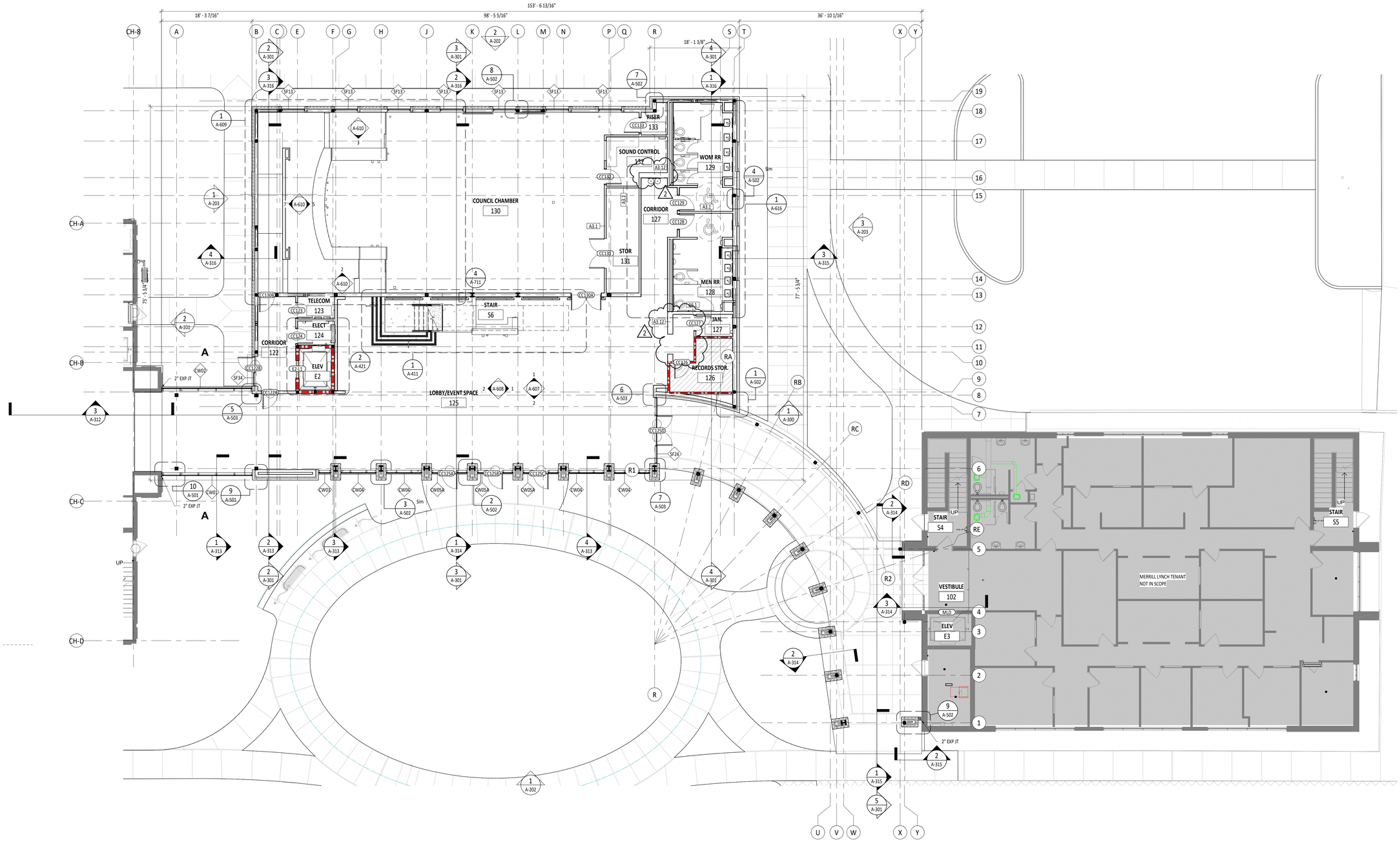
PROJECT NUMBER:
23-083

DRAWING TITLE:
DEMOLITION PHOTOS

SHEET NUMBER:
AD-106



CITY COUNCIL - 1ST FLOOR PLAN

SCALE: 1/8" = 1'-0" REF: 11 X 17 P

PARTITION PLAN GENERAL NOTES

1. NEW PARTITIONS ARE TO BE CONSTRUCTED AS INDICATED BY PARTITION TAGS.
2. TENANT BUILD OUT TO CONFORM TO ALL APPLICABLE CODES IN **CITY OF GADSDEN, AL & ETOWAH COUNTY**, INCLUDING ADA. SEE LIFE SAFETY FOR MORE INFORMATION AND ADA EXCEPTION FOR STRUCTURAL IMPRACTICABILITY CONCERNING EXISTING RESTROOMS.
3. WHERE EXISTING AND NEW CONSTRUCTION MEET, THE SURFACES SHALL BE FINISHED SO THE TRANSITION IS NOT VISIBLE.
4. MILLWORK ITEMS, COUNTERS, WORK SURFACES, BASE CABINETS, AND OTHER ITEMS TO COMPLY WITH ADA.
5. PARTITIONS TO BE PARALLEL OR PERPENDICULAR TO EXTERIOR PERIMETER OF WALL, U.N.O.
6. NEW PARTITIONS BUILT CONTIGUOUS TO EXISTING PARTITIONS ARE TO ALIGN WITH EXISTING PARTITIONS, U.N.O.
7. DOORS TO BE 6" FROM ADJACENT PARTITION, U.N.O.
8. AT CONCEALED FIRE BARRIERS PROVIDE STENCIL ABOVE CEILING IDENTIFYING WALL TYPE & RATING. SEE LIFE SAFETY FOR MORE INFORMATION.
9. PROVIDE OVERALL FLOOR AND DUST PROTECTION AT AREAS NOT UNDER CONSTRUCTION, BUT AFFECTED BY CONSTRUCTION INCLUDING BUT NOT LIMITED TO LOBBIES AND CORRIDORS.
10. PROVIDE FIRE RETARDANT BLOCKING IN PARTITIONS RECEIVING MILLWORK.
11. MILLWORK COUNTER DEPTH 25", U.N.O.
12. ALL EXISTING HOLES OR OPENINGS EXPOSED DURING CONSTRUCTION IN RATED WALLS ARE REQUIRED TO BE SEALED.

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GADSDEN CITY HALL

100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

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BIRMINGHAM, ALABAMA 35233

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NO.	DATE	DESCRIPTION
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2	12/13/2024	Addendum 3

PROJECT NUMBER:

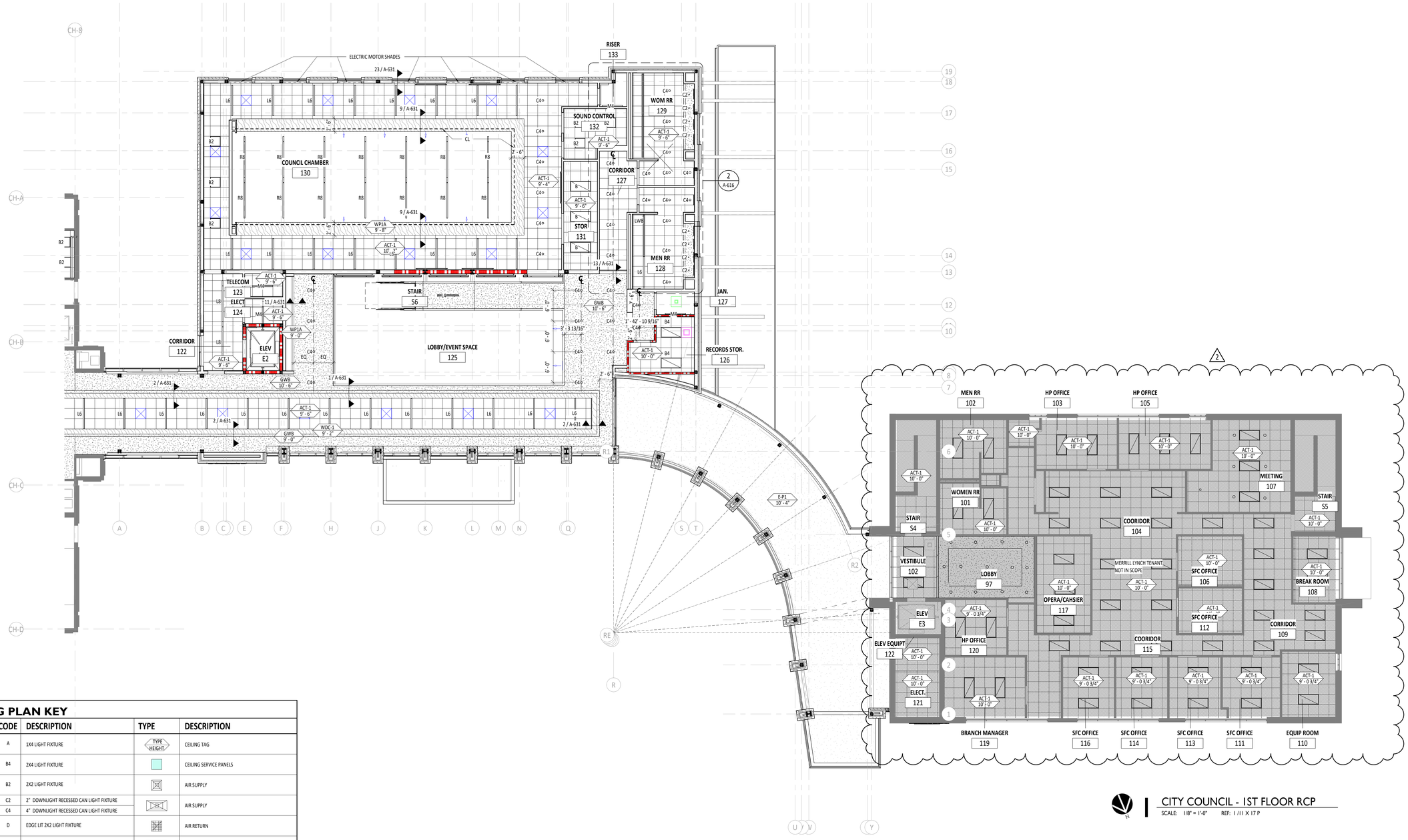
23-083

DRAWING TITLE:

1ST FLOOR PLAN - CITY COUNCIL

SHEET NUMBER: 1

A-109



CEILING PLAN KEY

TYPE	CODE	DESCRIPTION	TYPE	DESCRIPTION
	A	1X4 LIGHT FIXTURE	TYPE HEIGHT	CEILING TAG
	B4	2X4 LIGHT FIXTURE		CEILING SERVICE PANELS
	B2	2X2 LIGHT FIXTURE		AIR SUPPLY
○	C2	2" DOWNLIGHT RECESSED CAN LIGHT FIXTURE		AIR SUPPLY
○	C4	4" DOWNLIGHT RECESSED CAN LIGHT FIXTURE		
	D	EDGE LIT 2X2 LIGHT FIXTURE		AIR RETURN
	L4	4' RECESSED 4" LINEAR LIGHT FIXTURE		AIR RETURN
	L6	6' RECESSED 4" LINEAR LIGHT FIXTURE	S	LIGHT SENSOR
	L8	8' RECESSED 4" LINEAR LIGHT FIXTURE		SECTION DETAIL TAG
	M4	4' CEILING MOUNTED LINEAR LIGHT FIXTURE	TL	COVE TAPE LIGHT
○	N	DECRATIVE PENDANT FIXTURE	RS	ROLLER SHADE
⊙	P1	1' PENDANT LIGHT FIXTURE		
⊙	P2	2' PENDANT LIGHT FIXTURE		
⊙	Q	CLUSTER OF 3 NANO CAN LIGHTS		
◎	S	CURVED DECRATIVE LIGHT FIXTURE		
	R8	8' RECESSED 2" LINEAR LIGHT FIXTURE		
	T	CURVED PENDANT LIGHT FIXTURE		
	XL1	EXIT SIGN (LIGHTED FACE SHADED)		
	XL2	EXIT SIGN (LIGHTED FACE SHADED)		

CEILING PLAN LEGEND

TYPE	MFR.	DESCRIPTION	NOTES
ACT-1	ARMSTRONG	24" X 24" X 1" TH. CEILING TILE **CALLA #2824 TEGULAR 9/16", WHITE** ON 9/16" INTERLUDE XL GRID SYSTEM	
ACT-2	ARMSTRONG	24" X 24" X 5/8" TH. CEILING TILE **KITCHENZONE #673, WHITE** ON 15/16" PRELUDE GRID SYSTEM	
GWB	GYPSUM WALL BOARD (PAINTED FINISH)	PAINTED 5/8" TH. GYPSUM BOARD ON ARMSTRONG CEILING GRID SYSTEM AND/OR TRADITIONAL METAL STUD FRAMING AS DETAILED	PAINT TO BE PNT-1 IN FLAT FINISH, NOTE: GYPSUM WALL BOARD TO RETURN VERTICALLY AT ALL TRANSITIONS TO EXPOSED CEILING CONDITION
WDC-1	-	WOOD VENEER CEILING TO MATCH ARMSTRONG WOODWORKS GRILLE - WHITE OAK - MATCH ARCHITECT'S SAMPLE	
EXP	EXPOSED CEILING	ALL EXPOSED SURFACES OF BUILDING STRUCTURE AND M,E,P, FP SYSTEMS SHALL BE PRIMED AND PAINTED	PAINT TO BE PNT-1 IN FLAT FINISH
EX. GWB	-	EXISTING DRYWALL	
	NOT IN SCOPE		

CEILING NOTES

1. TYPICAL CEILING HEIGHT IS **9'-6"**, U.N.O. FIELD VERIFY MAXIMUM CEILING HEIGHT THAT CAN BE ACHIEVED.

2. ANY SUBSTITUTIONS FOR THE LIGHT FIXTURES AS SPECIFIED SHALL BE SUBMITTED TO ARCHITECT DURING THE BID PROCESS FOR REVIEW AND APPROVAL. ARCHITECT TO HAVE A MINIMUM OF 5 BUSINESS DAYS TO REVIEW ANY SUBSTITUTIONS.

3. UNLESS NOTED OR INDICATED OTHERWISE, ALL RECESSED LIGHT FIXTURES SHALL BE CENTED IN 2X2 ACOUSTICAL CEILING TILES.

4. UNLESS NOTED OR INDICATED OTHERWISE, ALL ACOUSTICAL CEILING GRIDS SHALL BE CENTERED IN ROOMS AS INDICATED.

5. GENERAL CONRACTOR SHALL CONFIRM EXACT LOCATIONS FOR ALL LIGHT FIXTURES WITH ARCHITECT PRIOR TO ROUGH-INS OCCURING.

6. GENERAL CONTACTOR SHALL CONFIRM EXACT HEIGHT TO BOTTOM EDGE OF PENDANT FIXTURES ABOVE FINISH FLOOR LEVEL AND EXACT LOCATIONS FOR ALL PENDANT FIXTURES WITH ARCHITECT PRIOR TO ROUGH-INS OCCURING.

7. PROVIDE CONTINUOUS SOUND BATT INSULATION ABOVE THE FINISHED CEILINGS ADJACENT TO PARTITIONS TO A MIMIMUM OF 4'-0" FROM THE TOP OF PARTITIONS IN BOTH DIRECTIONS. SEE PARTITION SCHEDULE ON A1701.

8. PROVIDE DIMMING CONTROLS IN ALL CONFERENCE, MEETING AND HUDDLE ROOMS. DIFFERENT FIXTURE TYPES TO BE CONTROLLED INDIVIDUALLY.

9. PROVIDE DIMMING CONTROLS FOR ALL COVER LIGHT FIXTURES.

10. PROVIDE DIMMING CONTROLS FOR ALL DECORATIVE PENDANTS AND DECORATIVE SCONCES.

CITY COUNCIL - 1ST FLOOR RCP

SCALE: 1/8" = 1'-0" REF: 11 X 17 P

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE :
11-25-2024

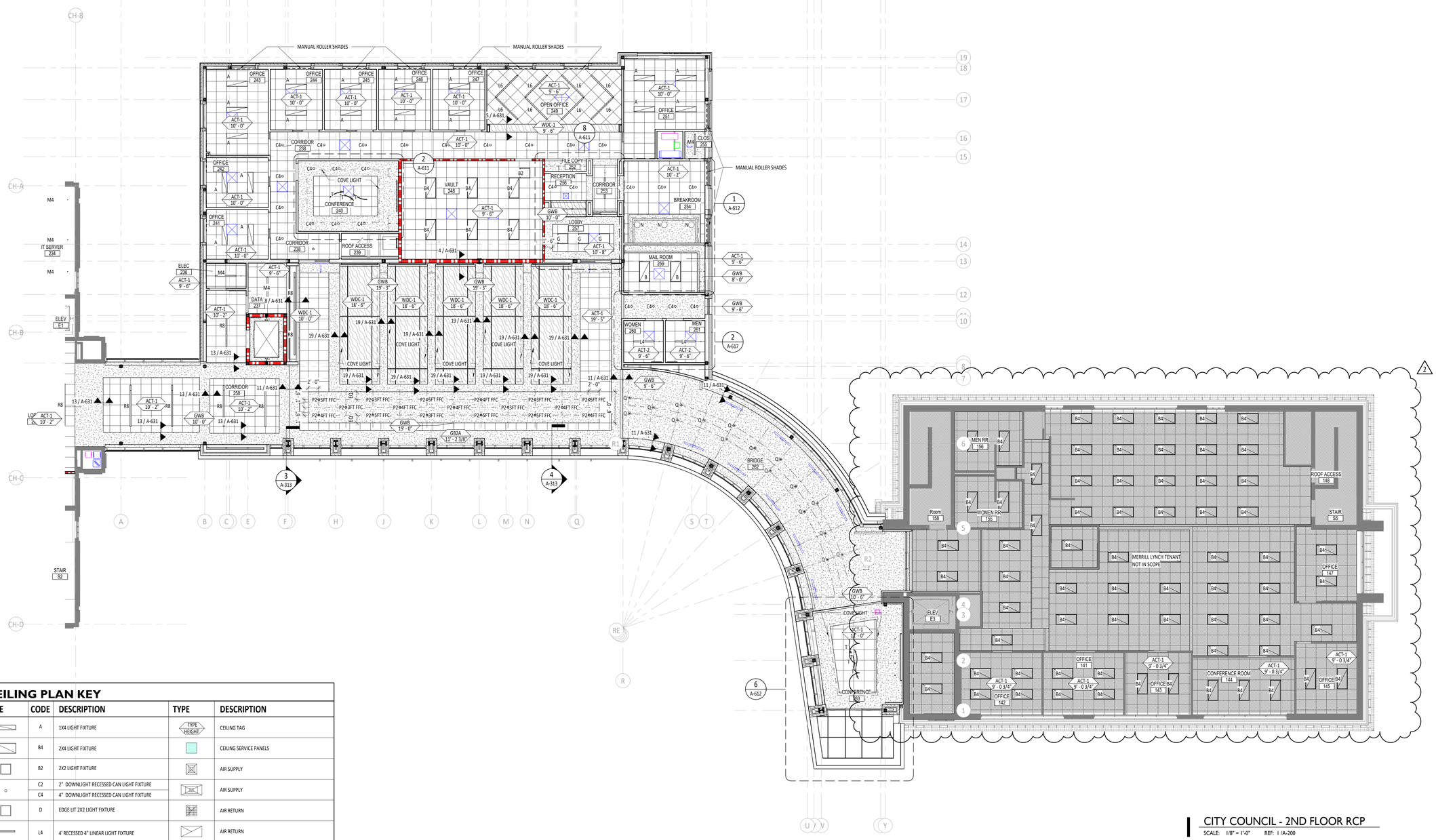
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/9/2024	Addendum 2
2	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
1ST FLOOR RCP - CITY COUNCIL

SHEET NUMBER:
A-124



CEILING PLAN KEY

TYPE	CODE	DESCRIPTION	TYPE	DESCRIPTION
	A	1X4 LIGHT FIXTURE	TYPE HEIGHT	CEILING TAG
	B4	2X4 LIGHT FIXTURE		CEILING SERVICE PANELS
	B2	2X2 LIGHT FIXTURE		AIR SUPPLY
○	C2	2" DOWNLIGHT RECESSED CAN LIGHT FIXTURE		AIR SUPPLY
	C4	4" DOWNLIGHT RECESSED CAN LIGHT FIXTURE		
	D	EDGE LIT 2X2 LIGHT FIXTURE		AIR RETURN
	L4	4' RECESSED 4" LINEAR LIGHT FIXTURE		AIR RETURN
	L6	6' RECESSED 4" LINEAR LIGHT FIXTURE		LIGHT SENSOR
	L8	8' RECESSED 4" LINEAR LIGHT FIXTURE		SECTION DETAIL TAG
	M4	4' CEILING MOUNTED LINEAR LIGHT FIXTURE	TL	COVE TAPE LIGHT
○	N	DECRATIVE PENDANT FIXTURE	RS	ROLLER SHADE
⊙	P1	1' PENDANT LIGHT FIXTURE		
	P2	2' PENDANT LIGHT FIXTURE		
⊙	Q	CLUSTER OF 3 NANO CAN LIGHTS		
◎	S	CURVED DECRATIVE LIGHT FIXTURE		
	R8	8' RECESSED 2" LINEAR LIGHT FIXTURE		
	T	CURVED PENDANT LIGHT FIXTURE		
	XL1	EXIT SIGN (LIGHTED FACE SHADED)		
	XL2	EXIT SIGN (LIGHTED FACE SHADED)		

CEILING PLAN LEGEND

TYPE	MFR.	DESCRIPTION	NOTES
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ACT-2	ARMSTRONG	24" X 24" X 5/8" TH. CEILING TILE **KITCHENZONE #673, WHITE** ON 15/16" PRELUDE GRID SYSTEM	
GWB	GYPSUM WALL BOARD (PAINTED FINISH)	PAINTED 5/8" TH. GYPSUM BOARD ON ARMSTRONG CEILING GRID SYSTEM AND/OR TRADITIONAL METAL STUD FRAMING AS DETAILED	PAINT TO BE PNT-1 IN FLAT FINISH, NOTE: GYPSUM WALL BOARD TO RETURN VERTICALLY AT ALL TRANSITIONS TO EXPOSED CEILING CONDITION
WDC-1	-	WOOD VENEER CEILING TO MATCH ARMSTRONG WOODWORKS GRILLE - WHITE OAK - MATCH ARCHITECT'S SAMPLE	
EXP	EXPOSED CEILING	ALL EXPOSED SURFACES OF BUILDING STRUCTURE AND M,E,P, FP SYSTEMS SHALL BE PRIMED AND PAINTED	PAINT TO BE PNT-1 IN FLAT FINISH
EX. GWB	-	EXISTING DRYWALL	
	NOT IN SCOPE		

CEILING NOTES

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9. PROVIDE DIMMING CONTROLS FOR ALL COVER LIGHT FIXTURES.

10. PROVIDE DIMMING CONTROLS FOR ALL DECORATIVE PENDANTS AND DECORATIVE SCONCES.

1 CITY COUNCIL - 2ND FLOOR RCP

SCALE: 1/8" = 1'-0" REF: 1 /A-200

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

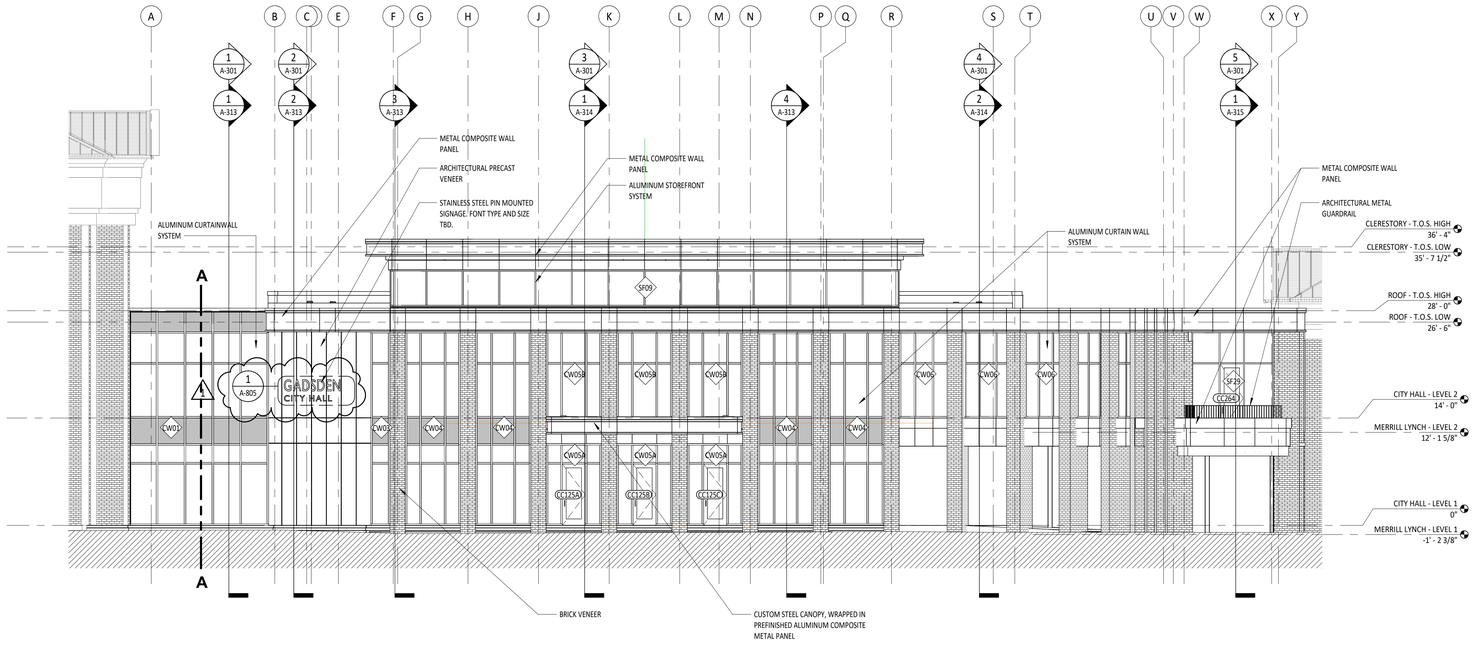
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/9/2024	Addendum 2
2	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

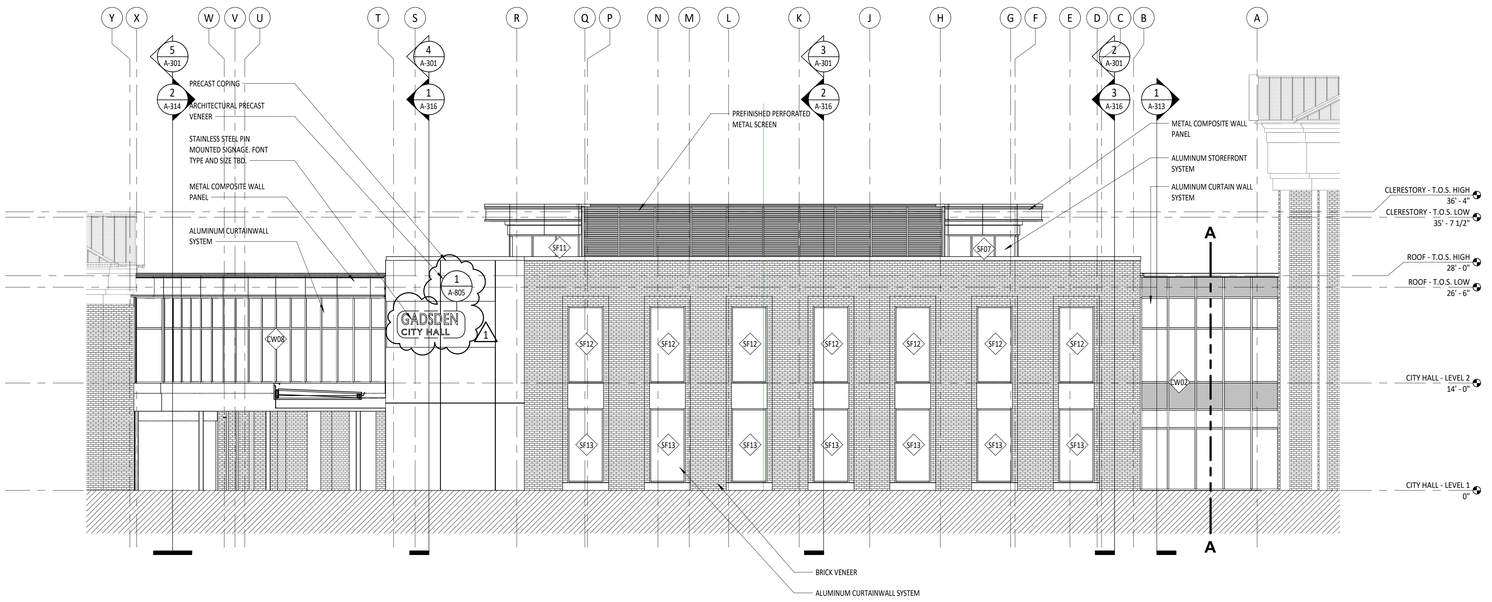
DRAWING TITLE:
2ND FLOOR RCP - CITY COUNCIL

SHEET NUMBER:
A-125



1 CITY COUNCIL - NORTH ELEVATION

SCALE: 1/8" = 1'-0" REF: 1 /A-109



2 CITY COUNCIL - SOUTH ELEVATION

SCALE: 1/8" = 1'-0" REF: 1 /A-109

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL

100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

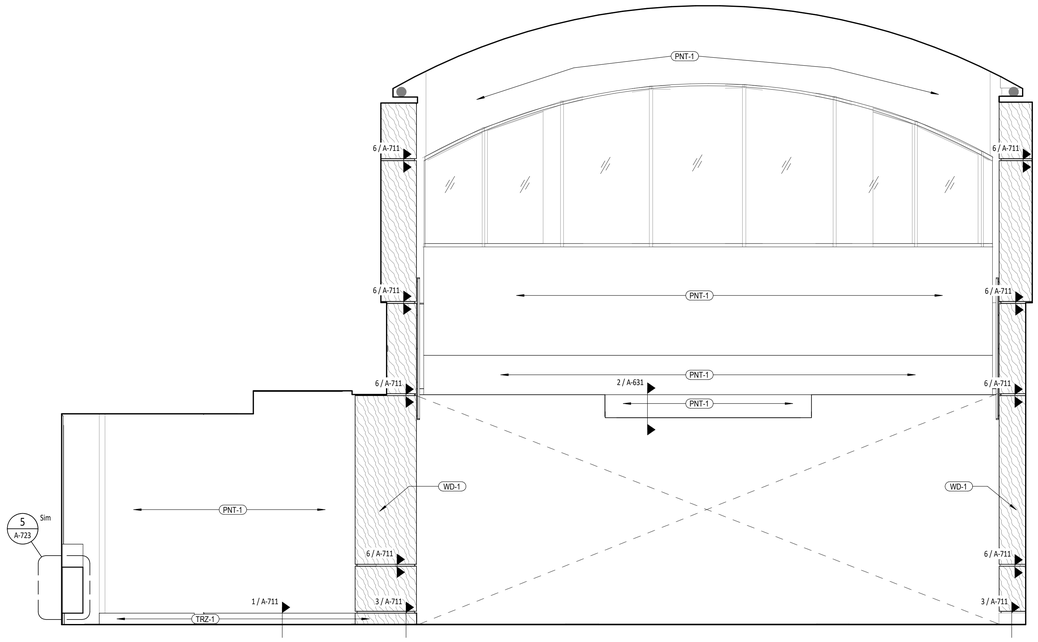
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

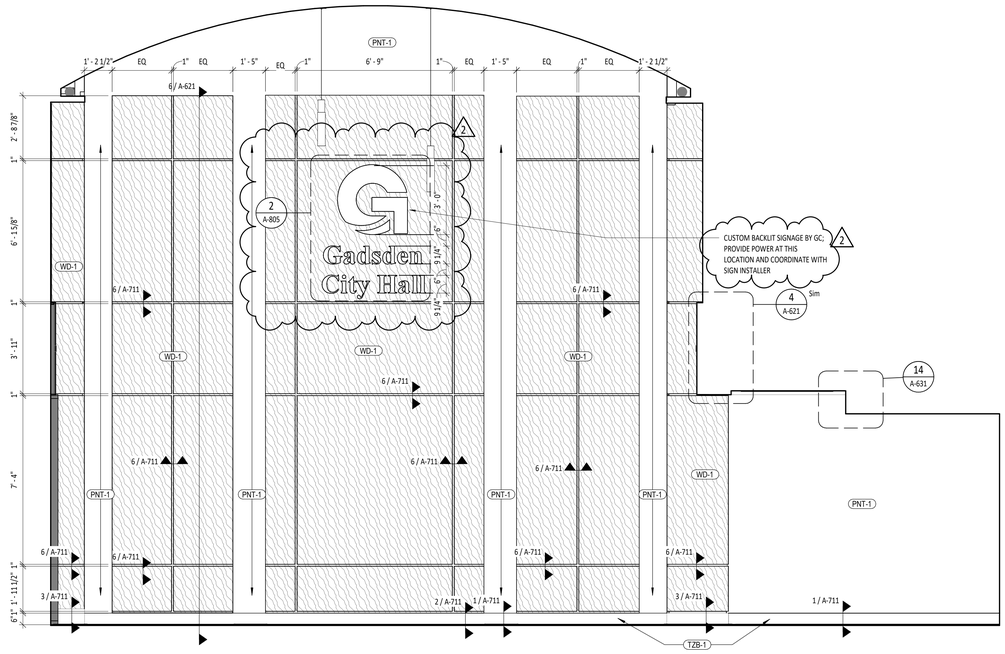
DRAWING TITLE:
EXTERIOR ELEVATIONS - CITY COUNCIL

SHEET NUMBER:
A-202



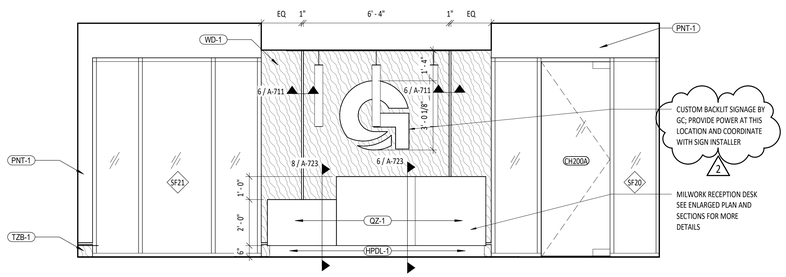
5 INTERIOR ELEVATION - LOBBY 102

SCALE: 3/8" = 1'-0" REF: 1 /A-104



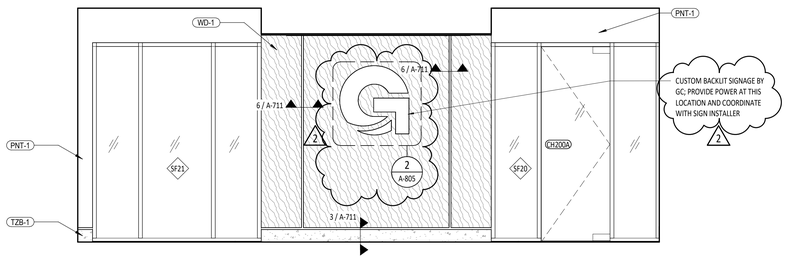
4 INTERIOR ELEVATION - LOBBY 102

SCALE: 3/8" = 1'-0" REF: 1 /A-104



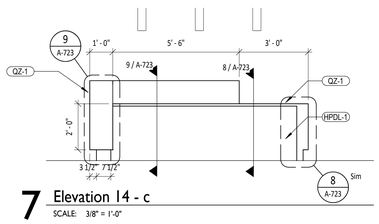
1 INTERIOR ELEVATION - LOBBY 200

SCALE: 3/8" = 1'-0"



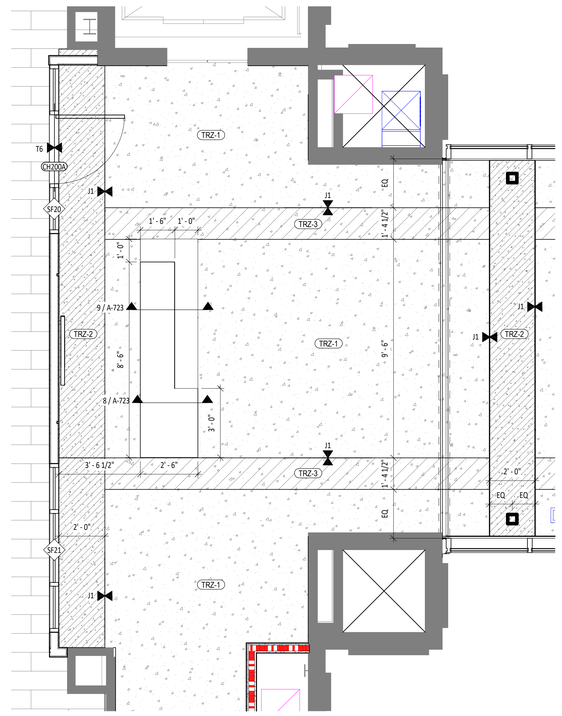
6 INTERIOR ELEVATION - LOBBY 200

SCALE: 3/8" = 1'-0"



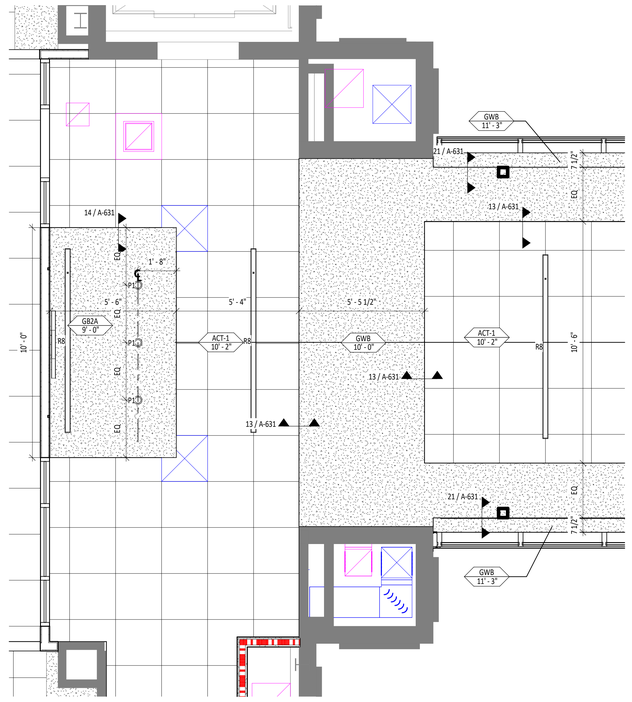
7 Elevation 14 - c

SCALE: 3/8" = 1'-0"



3 ENLARGED FINISH PLAN - LOBBY 200

SCALE: 3/8" = 1'-0" REF: 1 /A-702



2 ENLARGED RCP - LOBBY 200

SCALE: 3/8" = 1'-0" REF: 1 /A-122

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL

100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

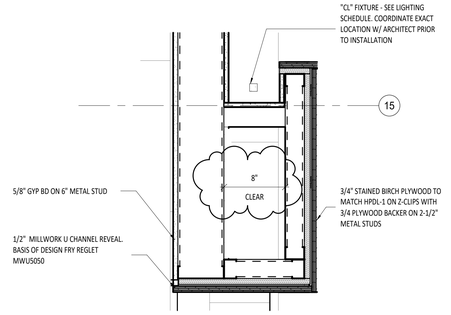
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/9/2024	Addendum 2
2	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

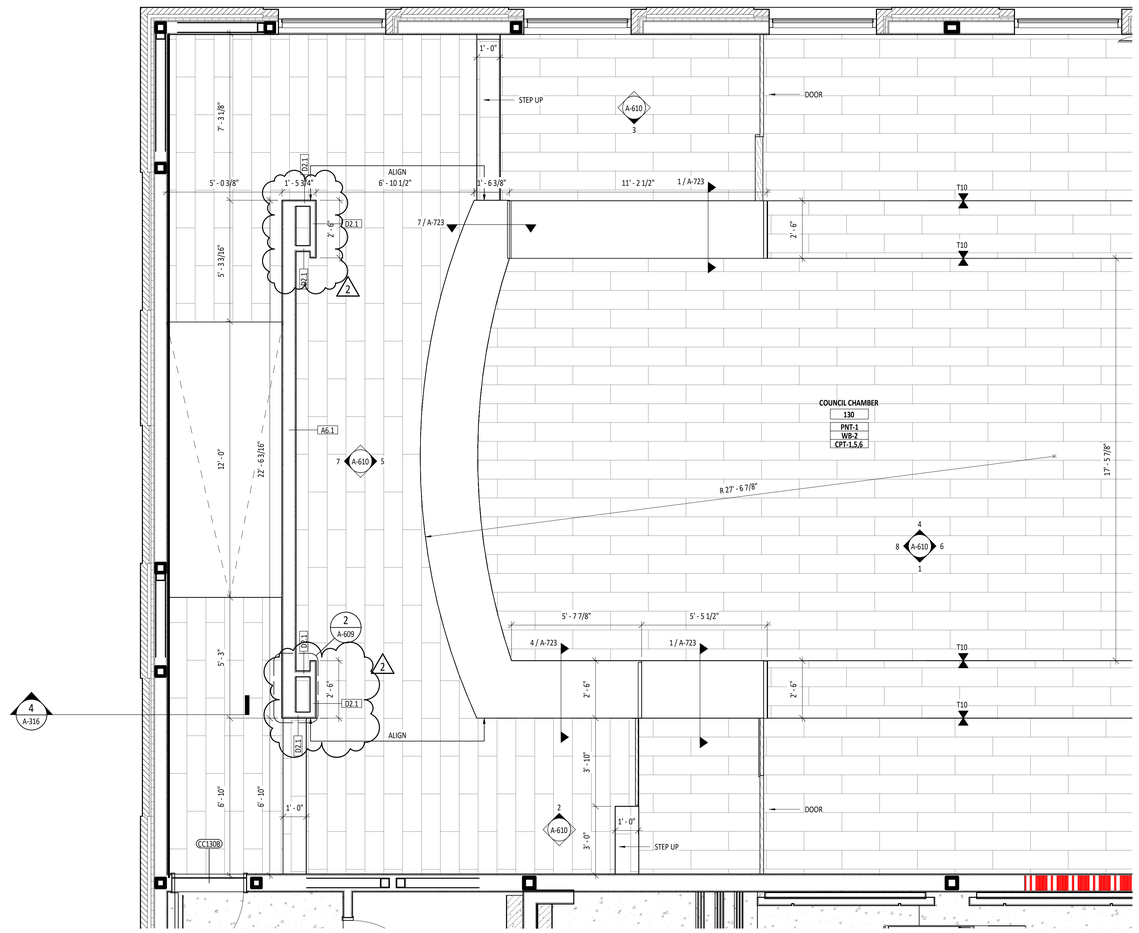
DRAWING TITLE:
CH - 1ST FLOOR ENLARGED ELEVATIONS

SHEET NUMBER:
1
A-602



2 PLAN DTL- COUNCIL OF CHAMBERS PILASTER

SCALE: 1 1/2" = 1'-0" REF: 1 /A-609



ENLARGED FLOOR PLAN - COUNCIL OF CHAMBERS

SCALE: 3/8" = 1'-0" REF: 1 /A-109

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

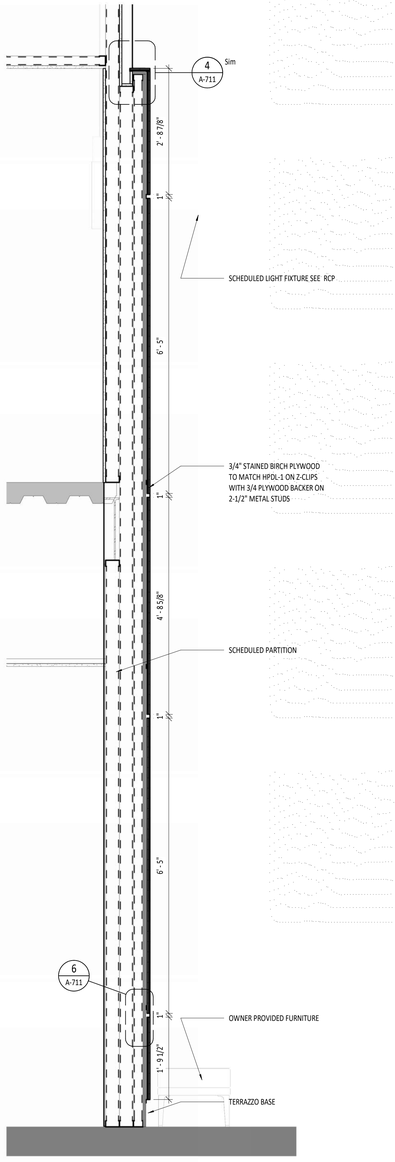
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/9/2024	Addendum 2
2	12/13/2024	Addendum 3

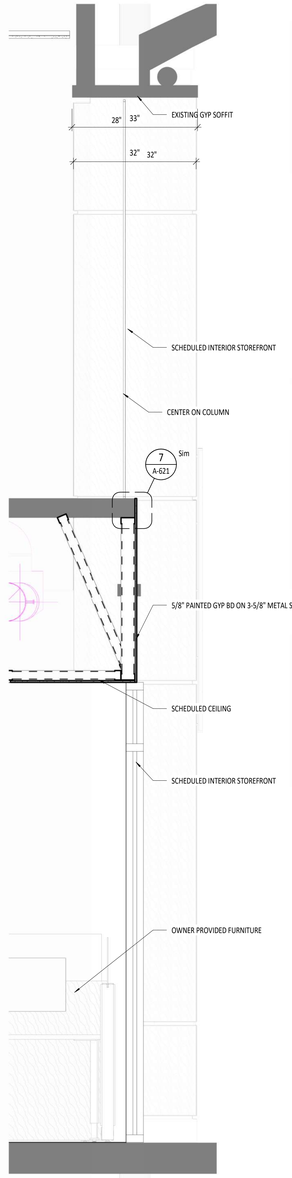
PROJECT NUMBER:
23-083

DRAWING TITLE:
CC - 1ST FLOOR ENLARGED PLANS & ELEVATIONS

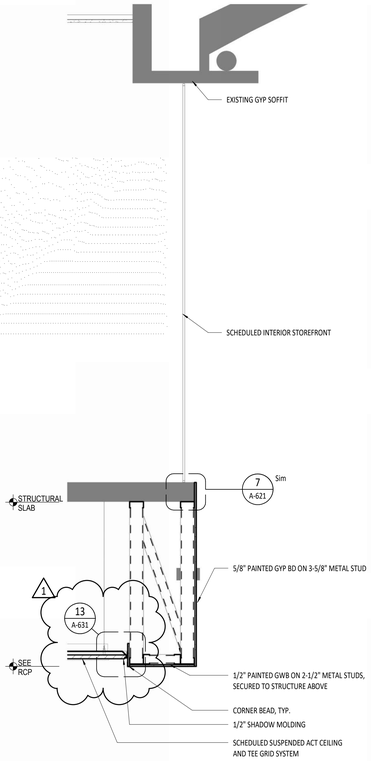
SHEET NUMBER:
A-609 1



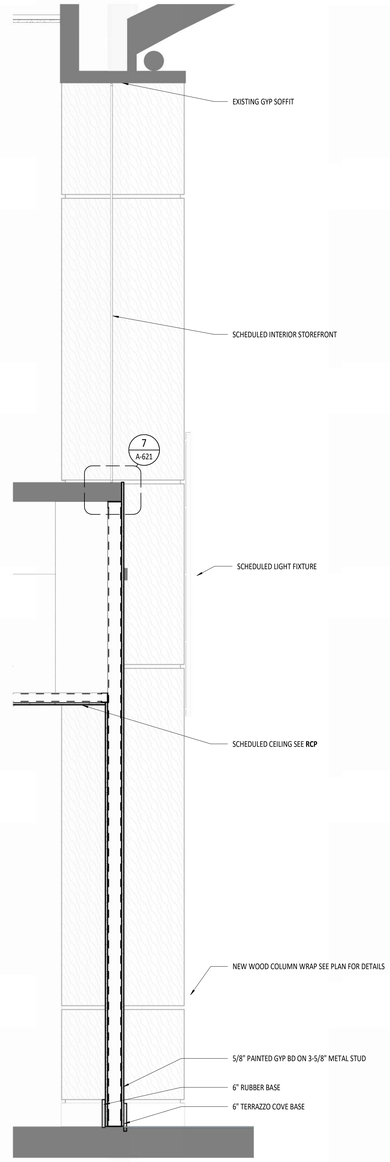
6 INTERIOR WALL SECTION
SCALE: 3/4" = 1'-0" REF: 1 /A-104



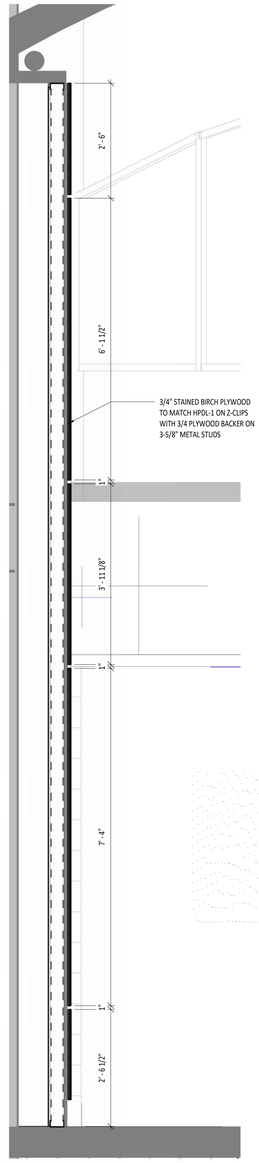
5 INTERIOR WALL SECTION
SCALE: 3/4" = 1'-0" REF: 4 /A-601



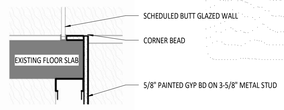
4 INTERIOR WALL SECTION
SCALE: 3/4" = 1'-0" REF: 3 /A-601



3 INTERIOR WALL SECTION
SCALE: 3/4" = 1'-0" REF: 1 /A109



2 INTERIOR WALL SECTION
SCALE: 3/4" = 1'-0" REF: 3 /A-601



7 SECTION DETAIL
SCALE: 1 1/2" = 1'-0" REF: 3 /A-621

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK
ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE :
11-25-2024

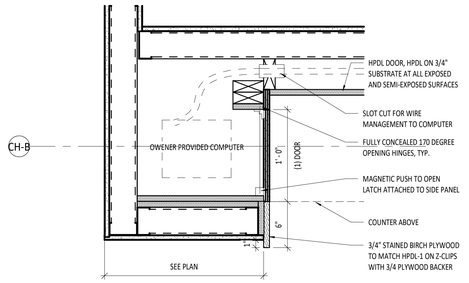
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/9/2024	Addendum 2

PROJECT NUMBER :
23-083

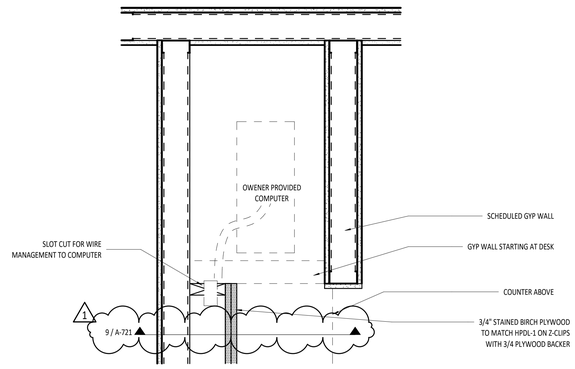
DRAWING TITLE :
ENLARGED INTERIOR DETAILS

SHEET NUMBER :
A-621



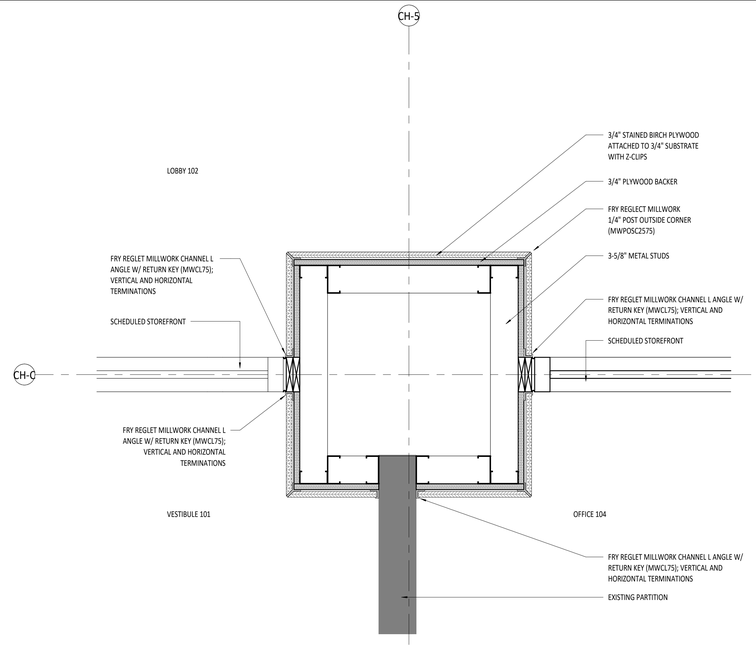
6 PLAN DTL - COMPUTER CABINET

SCALE: 1 1/2" = 1'-0" REF: 1 /A-104



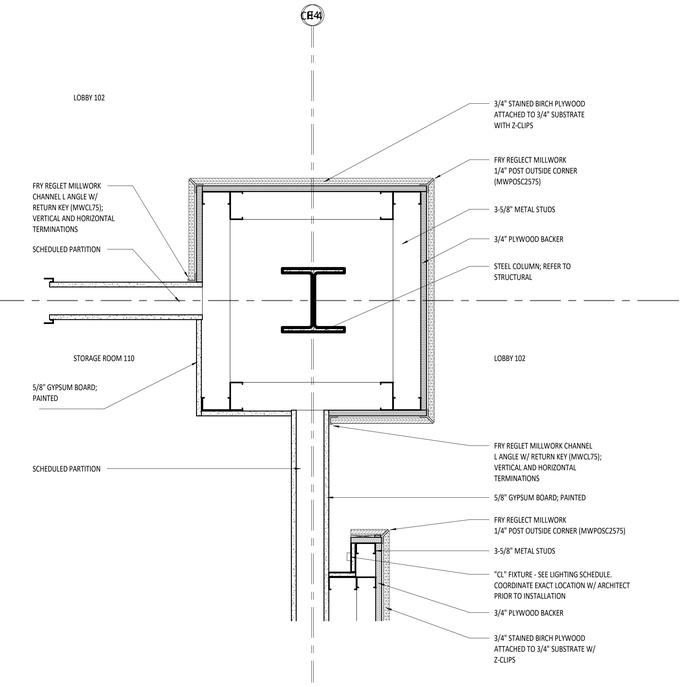
7 PLAN DTL - COMPUTER COVE

SCALE: 1 1/2" = 1'-0" REF: 1 /A-606



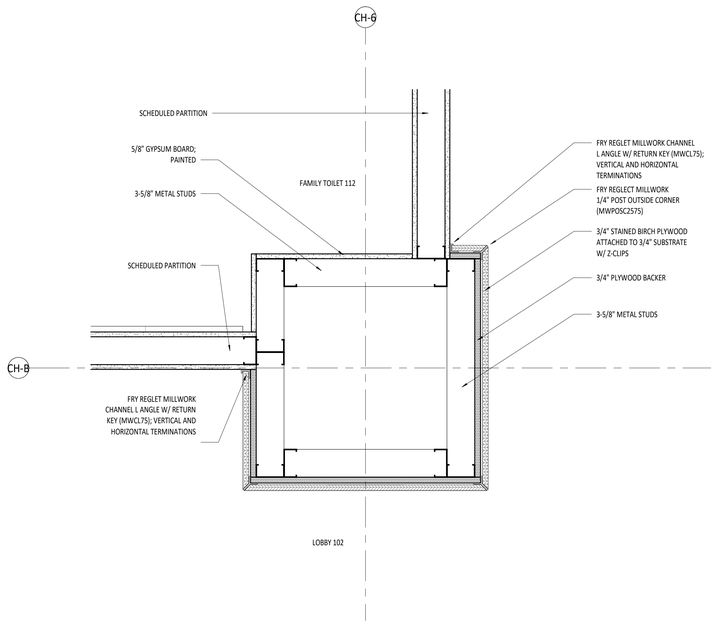
5 PLAN DTL - WOOD COLUMN TO STOREFRONT & EXIST WALL

SCALE: 1 1/2" = 1'-0" REF: 1 /A-104



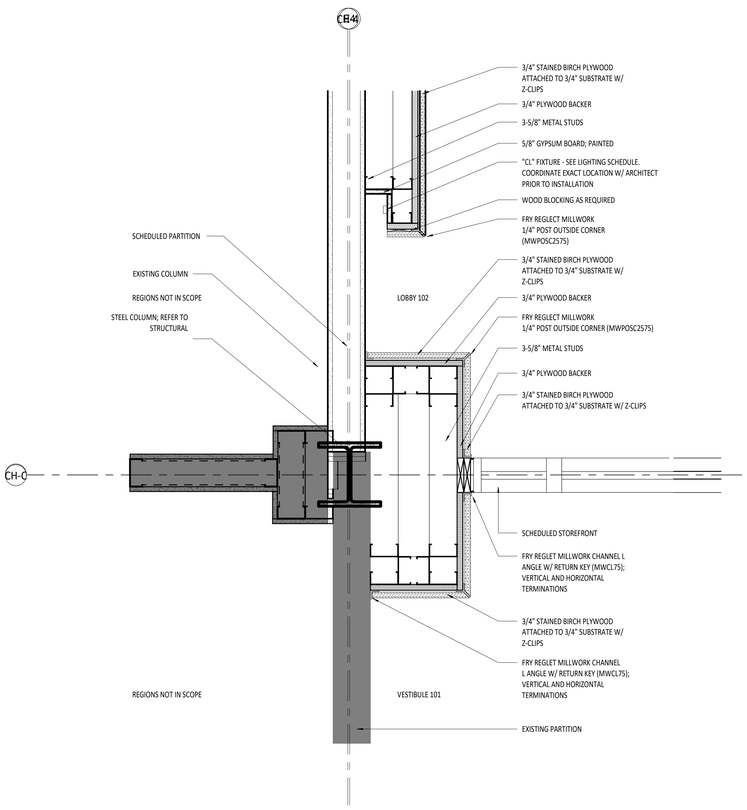
4 PLAN DTL - WOOD COLUMN TO WOOD FEATURE WALL

SCALE: 1 1/2" = 1'-0" REF: 1 /A-104



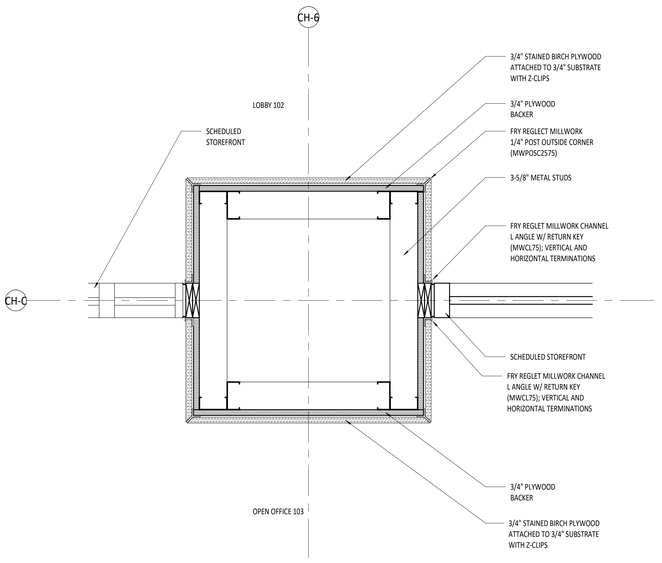
3 PLAN DTL - WOOD COLUMN TO GYP WALL

SCALE: 1 1/2" = 1'-0" REF: 1 /A-104



2 PLAN DTL - WOOD COLUMN TO GYP EXISTING WALL

SCALE: 1 1/2" = 1'-0" REF: 1 /A-104



1 PLAN DTL - WOOD COLUMN TO STOREFRONT

SCALE: 1 1/2" = 1'-0" REF: 1 /A-104

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/9/2024	Addendum 2

PROJECT NUMBER:
23-083

DRAWING TITLE:
ENLARGED INTERIOR DETAILS

SHEET NUMBER:
A-622

FINISH LEGEND

FLOOR FINISHES

CODE	PRODUCT	MANUFACTURER	DESCRIPTION	LOCATION
CPT-1	MODULAR CARPET (FIELD)	INTERFACE	COLLECTION: OPEN AIR, PRODUCT: 401, COLOR: 106780 LINEN, SIZE: 25CM X 1M, INSTALL PATTERN: ASHLAR, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: LORI BAILEY, REP. EMAIL: LORI.BAILEY@INTERFACE.COM, REP. PHONE: 205-821-6401, BACKING: CUSHIONBAC RENEW	
CPT-2	MODULAR CARPET	INTERFACE	COLLECTION: OPEN AIR, PRODUCT: 420, COLOR: 107065 LINEN, SIZE: 50CM X 50CM, INSTALL PATTERN: ASHLAR, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: LORI BAILEY, REP. EMAIL: LORI.BAILEY@INTERFACE.COM, REP. PHONE: 205-821-6401, BACKING: CUSHIONBAC RENEW	
CPT-3	MODULAR CARPET	INTERFACE	COLLECTION: OPEN AIR, PRODUCT: 418, COLOR: 107047 LINEN, SIZE: 50CM X 50CM, INSTALL PATTERN: MONOLITHIC, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: LORI BAILEY, REP. EMAIL: LORI.BAILEY@INTERFACE.COM, REP. PHONE: 205-821-6401, BACKING: CUSHIONBAC RENEW	
CPT-4	MODULAR CARPET	INTERFACE	COLLECTION: OPEN AIR STRIA, PRODUCT: 418 STRIA, COLOR: 103292 LINEN (CUSTOM STRIPES: HICKORY, CAYENNE, COPPER), SIZE: 50CM X 50CM, INSTALL PATTERN: MONOLITHIC, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: LORI BAILEY, REP. EMAIL: LORI.BAILEY@INTERFACE.COM, REP. PHONE: 205-821-6401, BACKING: CUSHIONBAC RENEW	
CPT-5	MODULAR CARPET	INTERFACE	COLLECTION: OPEN ENDED, COLOR: 103183 CAYENNE, SIZE: 25CM X 1M, INSTALL PATTERN: ASHLAR, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: LORI BAILEY, REP. EMAIL: LORI.BAILEY@INTERFACE.COM, REP. PHONE: 205-821-6401, BACKING: CUSHIONBAC RENEW	
CPT-6	MODULAR CARPET	INTERFACE	COLLECTION: OPEN AIR STRIA, PRODUCT: 401 STRIA, COLOR: 103232 LINEN (CUSTOM STRIPES: HICKORY, CAYENNE, COPPER), SIZE: 25CM X 1M, INSTALL PATTERN: ASHLAR, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: LORI BAILEY, REP. EMAIL: LORI.BAILEY@INTERFACE.COM, REP. PHONE: 205-821-6401, BACKING: CUSHIONBAC RENEW	
CPT-7	MODULAR CARPET	INTERFACE	COLLECTION: NIGHTLIGHTS, PRODUCT: SOFT GLOW, COLOR: 107260 IRON POPPY, SIZE: 25CM X 1M, INSTALL PATTERN: ASHLAR, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: LORI BAILEY, REP. EMAIL: LORI.BAILEY@INTERFACE.COM, REP. PHONE: 205-821-6401, BACKING: CUSHIONBAC RENEW	
CPT-8	MODULAR CARPET	INTERFACE	COLLECTION: ON LINE, COLOR: 105272 BERRY, SIZE: 25CM X 1M, INSTALL PATTERN: ASHLAR, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: LORI BAILEY, REP. EMAIL: LORI.BAILEY@INTERFACE.COM, REP. PHONE: 205-821-6401, BACKING: CUSHIONBAC RENEW	
CPT-9	MODULAR CARPET	INTERFACE	COLLECTION: KNITSTITCH, COLOR: 103340 CHARCOAL/CAYENNE, SIZE: 50CM X 50CM, INSTALL PATTERN: ASHLAR, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: LORI BAILEY, REP. EMAIL: LORI.BAILEY@INTERFACE.COM, REP. PHONE: 205-821-6401, BACKING: CUSHIONBAC RENEW	
LVT-1	LUXURY VINYL TILE	INTERFACE	PRODUCT: EARTHEN FORMS COLLECTION, PRODUCT: ON GRAIN 4.5 MM, COLOR: A03304 OILED WALNUT, SIZE: 25CM X 1M, INSTALL PATTERN: ASHLAR, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: LORI BAILEY, REP. EMAIL: LORI.BAILEY@INTERFACE.COM, REP. PHONE: 205-821-6401,	
PFT-1	PORCELAIN FLOOR TILE	ERGON	PRODUCT: LOMBARDA, COLOR: GRIGIO, SURFACE: LAPPATO, SIZE: 60CM X 60CM, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL: PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD	
PFT-2	PORCELAIN FLOOR TILE	ERGON	PRODUCT: ELEGANCE PRO, COLOR: DARK GREY, SURFACE:LAPPATO, SIZE: 30CM X 60CM, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL:PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD	
PFT-3	PORCELAIN FLOOR TILE	ERGON	PRODUCT: ELEGANCE PRO, COLOR: GREY, SURFACE: LAPPATO, SIZE: 30CM X 60CM, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL: PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD	
PSC-1	POLISHED SEALED CONCRETE	PROSOCO	PRODUCT: CONSOLIDECK LS	
RSN-1	RESINOUS FLOORING	ELITE CRETE SYSTEMS	PRODUCT: HERMETIC STOUT FLOORING SYSTEM, COLOR: TBD	
TRZ-1	TERRAZZO	TERRAZZO AND MARBLE SUPPLY	PRODUCT: TERROXY RESIN SYSTEMS,MB20-015V, COLOR: #8046 PASSIVE, GRIT: 200, FILLER ATF-20, SEALER:,MIX: VEN EXPOSURE 80%: 100% - CHINA WHITE #3-5, CHIPS: 100 - SIZE1.2- CHINA WHITE, INSTALL PER MANUFACTURER STANDARDS	
TRZ-2	TERRAZZO	TERRAZZO AND MARBLE SUPPLY	PRODUCT: TERROXY RESIN SYSTEMS,MB20-015V, COLOR: TBD, GRIT: 200, FILLER ATF-20, SEALER:,MIX: VEN EXPOSURE 80%: 100% - CHINA WHITE #3-5, CHIPS: 100 - SIZE1.2- CHINA WHITE, INSTALL PER MANUFACTURER STANDARDS	
TRZ-3	TERRAZZO	TERRAZZO AND MARBLE SUPPLY	PRODUCT: TERROXY RESIN SYSTEMS,MB20-015V, COLOR: TBD, GRIT: 200, FILLER ATF-20, SEALER:,MIX: VEN EXPOSURE 80%: 100% - CHINA WHITE #3-5, CHIPS: 100 - SIZE1.2- CHINA WHITE, INSTALL PER MANUFACTURER STANDARDS	
WOS-1	WALK OFF CARPET	INTERFACE	PRODUCT: STEP REPEAT COLLECTION, COLOR: TBD	
RBT-1	RUBBER STAIR TREAD	ROPPE	PRODUCT: RUBBER STAIR TREAD, PROFILE: #93 TEXTURED DESIGN, COLOR: COLOR: 174 SMOKE	

BASE FINISHES

CODE	PRODUCT	MANUFACTURER	DESCRIPTION
WDB-1	PAINT GRADE WOOD BASE	MILLWORK SUBCONTRACTOR	PAINTED WOOD BASE, COLOR: PNT-1
WDB-2	EXISITING WOOD BASE	---	-
RB-1	RUBBER BASE	ROPPE	CONTOURS PROFILED WALL BASE SYSTEM, #8S FASHION PV608S, 6-1/4" X 1/4", COLOR: 174 SMOKE, CONTINUOUS ROLL GOODS ONLY, NO PRE-MOLDED OR INSIDE CORNER UNITS
PTB-1	TILE BASE	ERGON	PRODUCT: LOMBARDA, COLOR: GRIGIO, SURFACE: LAPPATO, SIZE: 60CM X 60CM, SIZE: 4" TALL CUT TILE (SEE CORRESPONDING ELEVATIONS AND DETAILS), INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL: PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD
PTB-2	TILE BASE	ERGON	PRODUCT: ELEGANCE PRO, COLOR: GREY, SURFACE: LAPPATO, SIZE: 60CM X 120CM, SIZE: 4" TALL CUT TILE (SEE CORRESPONDING ELEVATIONS AND DETAILS), INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL: PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD
PTB-3	TILE BASE	ERGON	PRODUCT: ELEGANCE PRO, COLOR: GREY, SURFACE: LAPPATO, SIZE: 60CM X 120CM, SIZE: 4" TALL CUT TILE (SEE CORRESPONDING ELEVATIONS AND DETAILS), INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL: PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD
TZB-1	TERRAZZO BASE	TERRAZZO AND MARBLE SUPPLY	HEIGHT: 6" PRODUCT: TERROXY RESIN SYSTEMS,MB20-015V, COLOR: #8046 PASSIVE, GRIT: 200, FILLER ATF-20, SEALER:,MIX: VEN EXPOSURE 80%: 100% - CHINA WHITE #3-5, CHIPS: 100 - SIZE1.2- CHINA WHITE, INSTALL PER MANUFACTURER STANDARDS

WALL FINISHES

CODE	PRODUCT	MANUFACTURER	DESCRIPTION
PNT-1	PAINT (GENERAL)	SHERWIN WILLIAMS	COLOR: SW7626, ZURICH WHITE, 259-C2, FINISH: TYP. EGG SHELL, AT CEILINGS - FLAT, AT RESTROOMS EPOXY PAINT
PNT-2	PAINT (GENERAL)	SHERWIN WILLIAMS	COLOR: SW7642, PAVESTONE, 283-C5, FINISH: EGG SHELL
PNT-3	PAINT (GENERAL)	SHERWIN WILLIAMS	COLOR: SW6328, FIREWEED, 114-C7, FINISH: EGG SHELL
PNT-4	PAINT (GENERAL)	SHERWIN WILLIAMS	COLOR: SW7017, DORIAN GREY, 244-C3, FINISH: EGG SHELL
AWP-1	FABRIC WRAPPED ACOUSTICAL PANELS (FIELD INSTALLED SYSTEM)	ACOUSTI-TRAC	FIELD APPLIED FABRIC WRAPPED ACOUSTICAL INFILL TRAC PROFILE: 1" DEEP SQUARE EDGE TRAC, WHISPERTONE WALLBOARD, RIGID FIBERGLASS BOARD, TACKABLE AND IMPACT RESISTANT FABRIC CARNEGIE XOREL, LINEN, 6291W, 6
PP-1	LARGE FORMAT PORCELAIN PANEL	CREATIVE MATERILS CORPORATION	PRODUCT: COLORBASE, COLOR: DOVE, FINISH: MATTE, THICKNESS: 9 MM, INSTALL PER MANUFACTURER STANDARDS,
PWT-1	WALL TILE	ERGON	PRODUCT: LOMBARDA, COLOR: GRIGIO, SURFACE: LAPPATO, SIZE: 60CM X 60CM, PATTERN: OFFSET, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL: PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD
PWT-2	WALL TILE	ERGON	PRODUCT: ELEGANCE PRO, COLOR: DARK GREY, SURFACE:LAPPATO, SIZE: 30CM X 60CM, PATTERN: OFFSET, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL:PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD
PWT-3	WALL TILE	ERGON	PRODUCT: ELEGANCE PRO, COLOR: GREY, SURFACE: LAPPATO, SIZE: 30CM X 60CM, PATTERN: OFFSET, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL: PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD
PWT-4	WALL TILE	ERGON	PRODUCT: ELEGANCE PRO, COLOR: DARK GREY, SURFACE: MURAL, SIZE: 30CM X 60CM, PATTERN: OFFSET, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL:PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD
PWT-5	WALL TILE	ERGON	PRODUCT: ELEGANCE PRO, COLOR: GREY, SURFACE: MURAL, SIZE: 30CM X 60CM, PATTERN: OFFSET, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: PAUL HYDE, REP. EMAIL: PHYDE@EMILAMERICA.COM, REP. PHONE: 703-342-80410, WITH EPOXY GROUT, COLOR: TBD
PWT-6	WALL TILE	GARDEN STTE TILE	PRODUCT: BEACON, COLOR: MIST, GLOSSY, GSW20344I2E, SIZE: 2" X 10", PATTERN: HERRINGBONE, INSTALL PER MANUFACTURER STANDARDS, WITH EPOXY GROUT, COLOR: TBD
VWG-1	VINYL WALL GRAPHIC	KOROSEAL	VINYL WALL GRAPHIC DIGITAL WALLCOVERING, EGGSHELL SUBSTRATE, WHITE
MGB-1	MAGNETIC GLASS BOARD	CORONA GROUP INC	FRAMELESS GLASS, MAGNETIC, MARKERBOARDS, SIZE: SEE ELEVATIONS

MISCELLANEOUS - MILLWORK FINISHES

CODE	PRODUCT	MANUFACTURER	DESCRIPTION
HPDL-1	HIGH PRESSURE DECORATIVE LAMINATE	WILSONART	PALISADES OAK 7987-38, FINISH: FINE VELVET , WITH ÆON™ WEAR RESISTANT, SCUFF RESISTANT, SCRATCH RESISTANT TECHNOLOGY
HPDL-2	HIGH PRESSURE DECORATIVE LAMINATE	WILSONART	PEWTER MESH 4878-38, FINISH: FINE VELVET , WITH ÆON™ WEAR RESISTANT, SCUFF RESISTANT, SCRATCH RESISTANT TECHNOLOGY
HPDL-3	HIGH PRESSURE DECORATIVE LAMINATE	WILSONART	DOVE GREY, D92-60 MATTE FINISH, WITH ÆON™ WEAR RESISTANT, SCUFF RESISTANT, SCRATCH RESISTANT TECHNOLOGY
HPDL-4	HIGH PRESSURE DECORATIVE LAMINATE	WILSONART	ALUMASTEEL, 6277-00-419
HPDL-5	HIGH PRESSURE DECORATIVE LAMINATE	WILSONART	HANDSPUN PEARL, 5033-38, FINISH: FINE VELVET TEXTURE, WITH ÆON™ WEAR RESISTANT, SCUFF RESISTANT, SCRATCH RESISTANT TECHNOLOGY
WD -1	WOOD VENEER	-	WOOD VENEER MILLWORK- RIFT SAWN WHITE OAK STAINED TO MATCH HPDL-1
WD -2	WOOD VENEER	-	AFRICAN MAHOGANY, VENEER AND SOLIDS CUT TO PROVIDE WOOD GRAIN THAT MATCHES EXISTING TO REMAIN WOOD VENEER AND SOLIDS
QZ-1	QUARTZ COUNTERTOP	WILSONART	PRODUCT: LOGAN PASS, Q4055 FINISH: POLISHED, THICKNESS: 3MM, EDGES: EASED, CONERS: ALL CORNERS MITERED, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: SUZANNE KEETON KRAMER, REP. EMAIL: SKRAMER@WURTHWOODGROUP.COM, REP. PHONE: 205-532-9500
QZ-2	QUARTZ COUNTERTOP	WILSONART	PRODUCT: DESERT VIEW, Q3043 FINISH: POLISHED, THICKNESS: 3MM, EDGES: EASED, CONERS: ALL CORNERS MITERED, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: SUZANNE KEETON KRAMER, REP. EMAIL: SKRAMER@WURTHWOODGROUP.COM, REP. PHONE: 205-532-9500
SS-1	SOLID SURFACE	WILSONART	PRODUCT: DESIGNER WHITE, D354SL, THICKNESS: 3MM, EDGES: EASED, CONERS: ALL CORNERS MITERED, INSTALL PER MANUFACTURER STANDARDS, REP. NAME: SUZANNE KEETON KRAMER, REP. EMAIL: SKRAMER@WURTHWOODGROUP.COM, REP. PHONE: 205-532-9500
STN -1	WOOD STAIN	-	TO MATCH HPDL-1, FINISH SHEEN: SEMI - GLOSS
STN -2	WOOD STAIN	-	TO MATCH HPDL-2, FINISH SHEEN; SEMI - GLOSS
ACP-1	ACRYLIC PANEL	3FORM	200.08 FAMELESS SUSPENDED PARTITION

FINISH GENERAL NOTES:

1. CONTRACTOR SHALL CAREFULLY INSPECT EXISTING TO REMAIN SUBFLOOR TO DETERMINE AMOUNT OF PATCHING/LEVELING REQUIRED TO PROVIDE THE LEVEL REQUIRED FOR ALL NEWLY CONSTRUCTED PARTITIONS, MILLWORK AND FINISHES.
2. ALL FINISH MATERIAL TRANSITIONS SHALL BE CENTERED AND COVERED BY DOORS IN THEIR CLOSED POSITION.
3. ALL FINISH MATERIALS SHALL BE INSTALLED BASED ON EACH MANUFACTURER'S PUBLISHED INSTRUCTIONS TO ENSURE PROPER INSTALLATION.

TOILET ACCESSORY LEGEND

TOILET ACCESSORIES

CODE	PRODUCT	DESCRIPTION
GB-1	GRAB BAR - 36"	MANUFACTURER: BOBRICK, MODEL #: B-6806-36
GB-2	GRAB BAR - 42"	MANUFACTURER: BOBRICK, MODEL #: B-6806-42
GB-3	GRAB BAR - 18"	MANUFACTURER: BOBRICK, MODEL #: B-6806-18
GB-4	GRAB BAR - 24"	MANUFACTURER: BOBRICK, MODEL #: B-6806-24
HD-1	HAND DRYER	MANUFACTURER: DYSON, AIRBLADE V (NICKEL) HAND DRYER
SN-1	SANITARY NAPKIN DISPOSAL	MANUFACTURER: MANUTACTURER BOBRICK, MODEL #: B-35139
TP-1	TOILET PAPER	MANUFACTURER: MANUTACTURER BOBRICK, MODEL #: B-2890
MI-1	MIRROR	MANUFACTURER: MIRROR IMAGE, MODEL #: 30027, SIZE: CUSTOM MIRROR 2' X 4', CUSTOM FRAMELESS "FLOATING" MIRROR ON 3/4" THICK PAINTED BLOCKING (OFFSET EDGES OF PLYWOOD SO THEY ARE CONCEALED FROM VIEW) POLISHED EDGE
MI-2	MIRROR	MANUFACTURER: MIRROR IMAGE, MODEL #: 30027, SIZE: CUSTOM MIRROR 2' X 4', CUSTOM FRAMELESS "FLOATING" MIRROR ON 3/4" THICK PAINTED BLOCKING (OFFSET EDGES OF PLYWOOD SO THEY ARE CONCEALED FROM VIEW) POLISHED EDGE
MI-3	MIRROR	MANUFACTURER: MIRROR IMAGE, MODEL #: 15161 NELLY, COLOR: CHROME, SIZE: CUSTOM 24" X 72"
US-1	URINAL SCREEN	MANUFACTURER: BOBRICK. 1045 WALL HUNG DESIGNER SERIES (HPDL-2)
TLT-1	TOILET PARTITION	MANUFACTURER: KOALA KARE. KB310-SSRE HORIZONTAL STAINLESS STEEL RECESSED-MOUNTED
BC-1	BABY CHANGING	MANUFACTURER: BOBRICK. 1042 OVERHEAD-BRACED (HPDL-2)

APPLIANCE LEGEND

TOILET ACCESSORIES

CODE	PRODUCT	DESCRIPTION
IC-1	ADA ICE MACHINE	MANUFACTURER: WHIRLPOOL, MODEL #: WUI75X1SHZ, COLOR: STAINLESS STEEL
DW-1	ADA DISH WASHER	MANUFACTURER: WHIRLPOOL, MODEL #: WDT550SAPZ, COLOR: STAINLESS STEEL
MW-1	MICROWAVE	MANUFACTURER: WHIRLPOOL, MODEL #: WMCS7022RZ, COLOR: STAINLESS STEEL
RF-1	REFRIDGERATOR	MANUFACTURER: WHIRLPOOL, MODEL #: WRFF3236RZ, COLOR: STAINLESS STEEL

PLUMBING LEGEND

TOILET ACCESSORIES

CODE	PRODUCT	DESCRIPTION
SK-1	TOILET SINK	MANUFACTURER: KOHLER, VERTICYL 19 3/4" UNDERMOUNT SINK, K-2882-0
SK-2	KITCHEN SINK	MANUFACTURER: KOHLER, VAULT 24" UNDERMOUNT SINGLE-BOWL KITCHEN SINK K-3822-NA
FC-1	TOILET FAUCET	MANUFACTURER: SLOAN ETF-410-BOX-BDM-CP-0.5GPM-MLM-BAA-FCT, CODE 3365794BT
FC-2	KITCHEN FAUCET	MANUFACTURER: KOHLER, CRUE, K-22972-CP
SD-1	SOAP DISPENSOR	MANUFACTURER: SLOAN, ESD-410-CP, CODE 3346160
TL-1	TOILET	SEE PLUMBING DRAWINGS
UR-1	URINAL	SEE PLUMBING DRAWINGS
WC-1	WATER COOLER	MANUFACTURER: ELKAY; LZWS-LRPBM2BK EZH2O

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

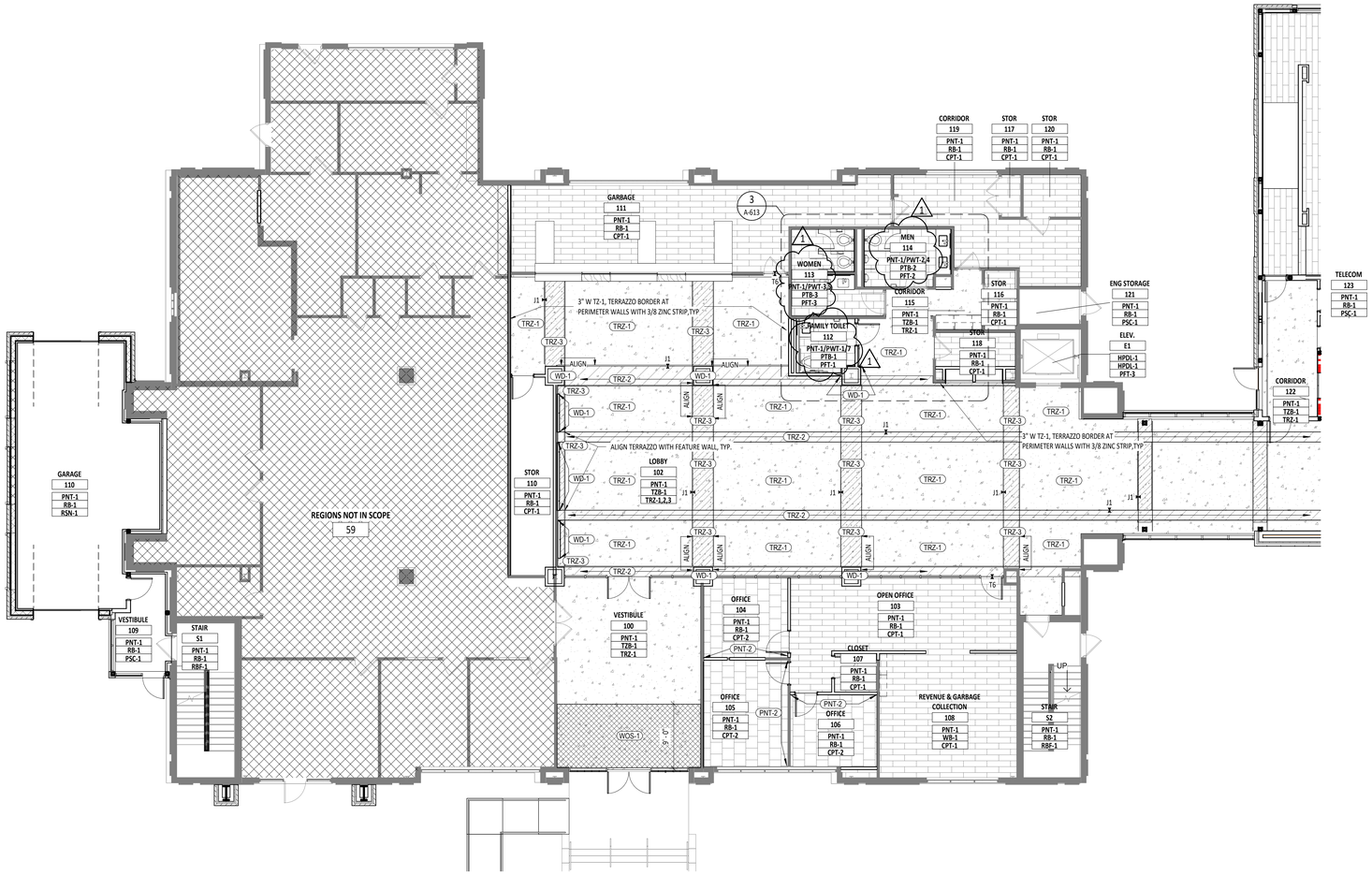
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/9/2024	Addendum 2
2	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
FINISH SCHEDULE

SHEET NUMBER:
A-700



FINISH PLAN SHEET NOTES

1. 3" W TZ-1, TERRAZZO BORDER AT PERIMETER WALLS WITH 3/8 ZINC STRIP,TYP
2. ALIGN TERRAZZO WITH FEATURE WALL PANELS, TYP.
3. ALIGN TERRAZZO WITH EDGE OF COLUMM WRAPS, TYP.
4. PAINT EXISTING WOOD BASE PNT-1, TYP. UNLESS OTHERWISED NOTED
5. SEE DETAIL 2/A-724 FOR WALL MARKED BOTH AWP-1/MGB-1

CITY HALL - 1ST FLOOR FINISH PLAN

SCALE: 1/8" = 1'-0" REF: 11 X 17 P

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL

100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
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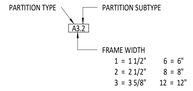
NO.	DATE	DESCRIPTION
1	12/9/2024	Addendum 2

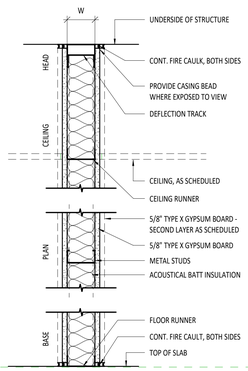
PROJECT NUMBER:
23-083

DRAWING TITLE:
1ST FLOOR FINISH PLANS - CITY HALL

SHEET NUMBER:
A-701



PARTITION TAG LEGEND



R2.1 1 HOUR RATED - UL# 419
3 5/8" MTL STUD, ONE LAYER TYPE X 5/8" GYP BD

R2.2 2 HOUR RATED - UL# 419
3 5/8" MTL STUD, TWO LAYERS TYPE X 5/8" GYP BD

R3.1 1 HOUR RATED - UL# 419
3 5/8" MTL STUD, ONE LAYER TYPE X 5/8" GYP BD

R3.2 2 HOUR RATED - UL# 419
3 5/8" MTL STUD, TWO LAYERS TYPE X 5/8" GYP BD

R6.1 1 HOUR RATED - UL# 465
6" MTL STUD, ONE LAYER TYPE X 5/8" GYP BD

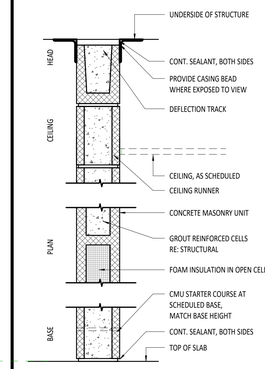
R6.2 2 HOUR RATED - UL# 419
6" MTL STUD, TWO LAYERS TYPE X 5/8" GYP BD

PARTITION TYPE R: FIRE-RATED PARTITION

- FIRE-RATED GYPSUM BOARD PARTITION TO DECK (TYPE X GYPSUM BOARD BOTH SIDES OF PARTITION)
- COLD-FORMED METAL STUD FRAMED
- ACOUSTICAL BATT INSULATION
- FIRE SEALANT AT ALL PERIMETER EDGES AND PENETRATIONS.

R PARTITION TYPE-R

SCALE: 1 1/2" = 1'-0"



M1.1 - 1 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

M1.2 - 1 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

M2.1 - 2 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

M2.2 - 2 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

M3.1 - 3 5/8" MTL STUD, ONE LAYER 5/8" GYP BD

M3.2 - 3 5/8" MTL STUD, TWO LAYERS 5/8" GYP BD

M6.1 - 6" MTL STUD, ONE LAYER 5/8" GYP BD

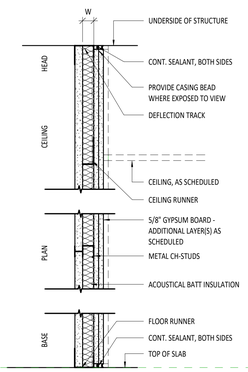
M6.2 - 6" MTL STUD, TWO LAYERS 5/8" GYP BD

PARTITION TYPE M: CMU PARTITION

- CONCRETE MASONRY UNIT PARTITION
- REINFORCED EVERY OTHER CELL - REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION.
- FOAM FILLED CELLS.
- ACOUSTICAL SEALANT AT PERIMETER EDGES AND PENETRATIONS.

M PARTITION TYPE-M

SCALE: 1 1/2" = 1'-0"



H2.1 - 2 1/2" MTL CH-STUD (SHAFTWALL), ONE LAYER 5/8" GYP BD

H2.2 - 2 1/2" MTL CH-STUD (SHAFTWALL), TWO LAYERS 5/8" GYP BD

H2.3 - 2 1/2" MTL CH-STUD (SHAFTWALL), THREE LAYERS 5/8" GYP BD

H4.1 - 4" MTL CH-STUD (SHAFTWALL), ONE LAYER 5/8" GYP BD

H4.2 - 4" MTL CH-STUD (SHAFTWALL), TWO LAYERS 5/8" GYP BD

H4.3 - 4" MTL CH-STUD (SHAFTWALL), THREE LAYERS 5/8" GYP BD

H6.1 - 6" MTL CH-STUD (SHAFTWALL), ONE LAYER 5/8" GYP BD

H6.2 - 6" MTL CH-STUD (SHAFTWALL), TWO LAYERS 5/8" GYP BD

H6.3 - 6" MTL CH-STUD (SHAFTWALL), THREE LAYERS 5/8" GYP BD

PARTITION TYPE H: SHAFTWALL

- SHAFTWALL PARTITION WITH TYPE X GYPSUM BOARD
- COLD-FORMED METAL CH-STUD FRAMED
- ACOUSTICAL BATT INSULATION
- FIRE RATED SEALANT AT PERIMETER EDGES AND PENETRATIONS.

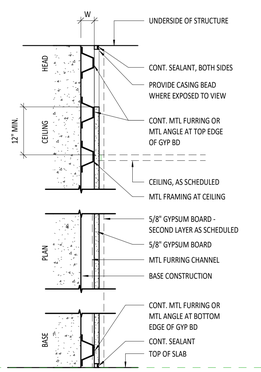
H PARTITION TYPE-H

SCALE: 1 1/2" = 1'-0"

PLACE HOLDER FOR PROJECT SPECIFIC
PARTITION - PARTITION TYPE G.
DELETE or LABEL 'NOT USED' IF NOT NEEDED.

G PARTITION TYPE-G

SCALE: 1 1/2" = 1'-0"



F0.1 - 7/8" MTL FURRING CHANNEL, ONE LAYER 5/8" GYP BD

F0.2 - 7/8" MTL FURRING CHANNEL, TWO LAYERS 5/8" GYP BD

F1.1 - 1 1/2" MTL FURRING CHANNEL, ONE LAYER 5/8" GYP BD

F1.2 - 1 1/2" MTL FURRING CHANNEL, TWO LAYERS 5/8" GYP BD

F2.1 - 2 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

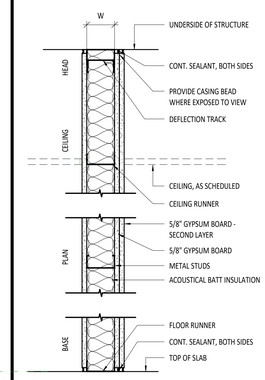
F2.2 - 2 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

PARTITION TYPE F: FURRED

- FURRED GYPSUM BOARD PARTITION (EXTEND TO DECK IF NO CEILING SCHEDULED)
- COLD-FORMED METAL FURRING AND FRAMING
- ACOUSTICAL SEALANT AT PERIMETER EDGES AND PENETRATIONS.

F PARTITION TYPE-F

SCALE: 1 1/2" = 1'-0"



E2.1 - 2 1/2" MTL STUD, ONE LAYER 5/8" GYP BD, TWO LAYERS 5/8" GYP BD OTHER SIDE

E3.1 - 3 5/8" MTL STUD, ONE LAYER 5/8" GYP BD, TWO LAYERS 5/8" GYP BD OTHER SIDE

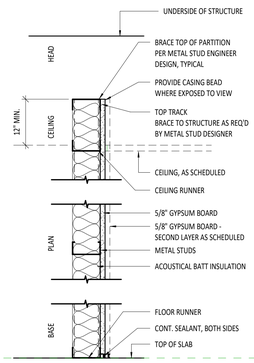
E6.1 - 6" MTL STUD, ONE LAYER 5/8" GYP BD, TWO LAYERS 5/8" GYP BD OTHER SIDE

PARTITION TYPE E: UNBALANCED

- ACOUSTICAL ATTENUATING GYPSUM BOARD PARTITION TO DECK, (UNBALANCED GYP BOARD LAYERS EITHER SIDE)
- COLD-FORMED METAL STUD FRAMED
- ACOUSTICAL BATT INSULATION
- ACOUSTICAL SEALANT AT PERIMETER EDGES AND PENETRATIONS.

E PARTITION TYPE-E

SCALE: 1 1/2" = 1'-0"



D1.1 - 1 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

D1.2 - 1 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

D2.1 - 2 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

D2.2 - 2 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

D3.1 - 3 5/8" MTL STUD, ONE LAYER 5/8" GYP BD

D3.2 - 3 5/8" MTL STUD, TWO LAYERS 5/8" GYP BD

D6.1 - 6" MTL STUD, ONE LAYER 5/8" GYP BD

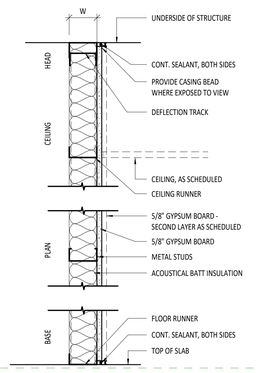
D6.2 - 6" MTL STUD, TWO LAYERS 5/8" GYP BD

PARTITION TYPE D: ONE-SIDED

- GYPSUM BOARD PARTITION ABOVE CEILING (GYPSUM BOARD ONE SIDE OF PARTITION)
- COLD-FORMED METAL STUD FRAMED
- ACOUSTICAL BATT INSULATION
- ACOUSTICAL SEALANT AT BASE AND PENETRATIONS.

D PARTITION TYPE-D

SCALE: 1 1/2" = 1'-0"



C1.1 - 1 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

C1.2 - 1 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

C2.1 - 2 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

C2.2 - 2 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

C3.1 - 3 5/8" MTL STUD, ONE LAYER 5/8" GYP BD

C3.2 - 3 5/8" MTL STUD, TWO LAYERS 5/8" GYP BD

C6.1 - 6" MTL STUD, ONE LAYER 5/8" GYP BD

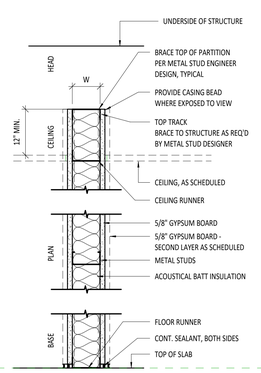
C6.2 - 6" MTL STUD, TWO LAYERS 5/8" GYP BD

PARTITION TYPE C: ONE-SIDED TO DECK

- GYPSUM BOARD PARTITION TO DECK (GYPSUM BOARD ONE SIDE OF PARTITION)
- COLD-FORMED METAL STUD FRAMED
- ACOUSTICAL BATT INSULATION
- ACOUSTICAL SEALANT AT PERIMETER EDGES AND PENETRATIONS.

C PARTITION TYPE-C

SCALE: 1 1/2" = 1'-0"



B1.1 - 1 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

B1.2 - 1 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

B2.1 - 2 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

B2.2 - 2 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

B3.1 - 3 5/8" MTL STUD, ONE LAYER 5/8" GYP BD

B3.2 - 3 5/8" MTL STUD, TWO LAYERS 5/8" GYP BD

B6.1 - 6" MTL STUD, ONE LAYER 5/8" GYP BD

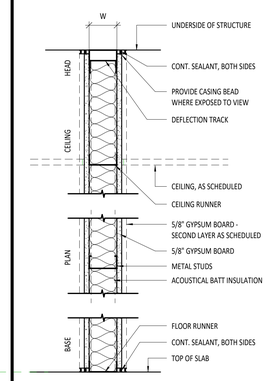
B6.2 - 6" MTL STUD, TWO LAYERS 5/8" GYP BD

PARTITION TYPE B: TWO-SIDED

- GYPSUM BOARD PARTITION ABOVE CEILING (GYPSUM BOARD BOTH SIDES OF PARTITION)
- COLD-FORMED METAL STUD FRAMED
- ACOUSTICAL BATT INSULATION
- ACOUSTICAL SEALANT AT BASE AND PENETRATIONS.

B PARTITION TYPE-B

SCALE: 1 1/2" = 1'-0"



A1.1 - 1 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

A1.2 - 1 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

A2.1 - 2 1/2" MTL STUD, ONE LAYER 5/8" GYP BD

A2.2 - 2 1/2" MTL STUD, TWO LAYERS 5/8" GYP BD

A3.1 - 3 5/8" MTL STUD, ONE LAYER 5/8" GYP BD

A3.2 - 3 5/8" MTL STUD, TWO LAYERS 5/8" GYP BD

A6.1 - 6" MTL STUD, ONE LAYER 5/8" GYP BD

A6.2 - 6" MTL STUD, TWO LAYERS 5/8" GYP BD

PARTITION TYPE A: TWO-SIDED TO DECK

- GYPSUM BOARD PARTITION TO DECK (GYPSUM BOARD BOTH SIDES OF PARTITION)
- COLD-FORMED METAL STUD FRAMED
- ACOUSTICAL BATT INSULATION
- ACOUSTICAL SEALANT AT PERIMETER EDGES AND PENETRATIONS.

A PARTITION TYPE-A

SCALE: 1 1/2" = 1'-0"

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL

100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
PARTITION SCHEDULE

SHEET NUMBER:
1
A-801

CITY HALL

DOOR NO.	TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR MATERIAL	DOOR FINISH	FIRE RATING	HARDWARE	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME JAMB	FRAME HEAD	COMMENTS
CITY HALL - LEVEL 1													
CH101	D13	6' - 0"	7' - 0"	GL/ALUM	PRE-FINISHED		CH-AL-01	D13	ALUM	PRE-FINISHED	9/A-804	8/A-804	
CH102	D6	6' - 0"	8' - 6"	GL/WD	STN-2		CH-AL-02	SF15	ALUM	PRE-FINISHED	9/A-804	8/A-804	CARD READER / DOOR POSITION SWITCH / AUTO-OPERATOR
CH103	D1	3' - 0"	8' - 6"	GL/WD	PRE-FINISHED		CH-07.1	SF17	ALUM	PRE-FINISHED	7/A-804	6/A-804	CARD READER / DOOR POSITION SWITCH / AUTO-OPERATOR
CH104	D1	3' - 0"	8' - 6"	WD	STN-1		CH-14	F1	HM	PNT-2	1/A-804	1/A-804	
CH105	D1	3' - 0"	8' - 6"	WD	STN-1		CH-14	F1	HM	PNT-2	1/A-804	1/A-804	
CH106	D1	3' - 0"	8' - 6"	WD	STN-1		CH-14	F1	HM	PNT-2	1/A-804	1/A-804	
CH107	D1	3' - 0"	8' - 6"	WD	STN-1		CH-15	F1	HM	PNT-2	1/A-804	1/A-804	
CH109A	D7	3' - 0"	8' - 0"	GL/ALUM	PRE-FINISHED		CH-AL-03	SF05	ALUM	PRE-FINISHED	9/A-804	5/A-804	
CH109B	EXIST	3' - 0"	7' - 0"	EX-ALUM	PRE-FINISHED		CH-03	EXIST	EX-ALUM	PRE-FINISHED			CARD READER / DOOR POSITION SWITCH
CH110	D1 (2)	3' - 0"	8' - 6"	WD	STN-1		CH-10	F1	HM	PNT-2	1/A-804	1/A-804	
CH110A	D9	3' - 0"	8' - 6"	HM	PNT-2		CH-05	F1	HM	PNT-2	1/A-804	1/A-804	
CH110B	D10	9' - 0"	8' - 0"	STL	PRE-FINISHED				STL				AUTOMATIC GARAGE DOOR
CH110C	D10	9' - 0"	8' - 0"	STL	PRE-FINISHED				STL				AUTOMATIC GARAGE DOOR
CH111	EXIST	3' - 0"	8' - 6"	EX-WD	EXIST		CH-06	EX	EX-HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
CH112	D1	3' - 0"	8' - 6"	WD	STN-2		CH-17	F1	HM	PNT-2	1/A-804	1/A-804	
CH113	EXIST	3' - 0"	8' - 6"	WD	EX-STN		CH-18	EX	HM	PNT-2	1/A-804	1/A-804	
CH114	EXIST	3' - 0"	8' - 6"	WD	EX-STN		CH-18	EX	HM	PNT-2	1/A-804	1/A-804	
CH119	EXIST	3' - 0"	8' - 6"	EX-WD	EX-STN		CH-07.2	EX	EX-HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
CH121	EXIST	3' - 0"	7' - 0"	EX-HM	PRE-FINISHED		CH-02	EX	EX-ALUM	PRE-FINISHED	1/A-804	1/A-804	
S2-L1	EXIST	3' - 0"	7' - 0"	EX-ALUM	PRE-FINISHED		CH-01	EX	ALUM	PRE-FINISHED			CARD READER / DOOR POSITION SWITCH
CITY HALL - LEVEL 2													
CH200A	D3	3' - 0"	8' - 6"	GLASS	CLEAR		CH-19	SF20	ALUM	PRE-FINISHED	7/A-804	6/A-804	CARD READER / MOTION SENSOR (GLASS DOOR MOUNTED IN STOREFRONT)
CH209	D3	3' - 0"	8' - 6"	GL	CLEAR		CH-20	SF19	ALUM	PRE-FINISHED	7/A-804	6/A-804	GLASS DOOR MOUNTED IN STOREFRONT
CH211	D7	3' - 0"	8' - 0"	GL/ALUM	PRE-FINISHED		CC-AL-03		ALUM	PRE-FINISHED	9/A-804	5/A-804	
CH215A	D1	3' - 0"	8' - 6"	WD	STN-2		CH-13	F1	HM	PNT-2	1/A-804	1/A-804	
CH215B	D1	3' - 0"	8' - 6"	WD	STN-2		CH-10	F1	HM	PNT-2	1/A-804	1/A-804	
CH217	D5	3' - 0"	8' - 6"	GL/WD	STN-2		CH-16	F3	ALUM	PRE-FINISHED	7/A-804	6/A-804	
CH218	D8	6' - 0"	8' - 0"	GL/ALUM	PRE-FINISHED		CH-AL-04	SF03	ALUM	PRE-FINISHED	9/A-804	5/A-804	DOOR POSITION SWITCH
CH223	EXIST	3' - 0"	8' - 6"	WD	EX-STN		CH-18	F1	EX-HM	PNT-2	1/A-804	1/A-804	
CH225	EXIST	3' - 0"	8' - 6"	WD	EX-STN		CH-18	F1	EX-HM	PNT-2	1/A-804	1/A-804	
CH234	D11	3' - 0"	8' - 6"	WD	STN-2		CH-07.2	F1	EX-HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH / VENTED SEE ELECT.
S1-L2	EXIST	3' - 0"	8' - 6"	EX-WD	EX-STN		CH-04	F2	EX-HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
S2-L2	D12	3' - 0"	8' - 0"	WD	STN-2		CH-08	F1	HM	PNT-2	1/A-804	1/A-804	
CITY HALL - LEVEL 3													
CH300A	D1	3' - 0"	7' - 0"	WD	STN-2		CH-07.1	F1	HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
CH300B	D1	3' - 0"	7' - 0"	WD	STN-2		CH-07.1	F1	HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
CH306	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH307	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH308	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH309	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH310	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH311A	D2	5' - 0"	7' - 0"	WD	STN-2		CH-09	F1	HM	PNT-2	1/A-804	1/A-804	
CH311B	D2	5' - 0"	7' - 0"	WD	STN-2		CH-09	F1	HM	PNT-2	1/A-804	1/A-804	
CH312	D11	3' - 0"	7' - 0"	WD	STN-2		CH-11	F1	HM	PNT-2	1/A-804	1/A-804	DOOR POSITION SWITCH / VENTED SEE ELECT
CH315	D1	3' - 0"	7' - 0"	WD	STN-2		CH-12	F1	HM	PNT-2	1/A-804	1/A-804	
CH325A	D2	5' - 0"	7' - 0"	WD	STN-2		CH-09	F1	HM	PNT-2	1/A-804	1/A-804	
CH325B	D2	5' - 0"	7' - 0"	WD	STN-2		CH-09	F1	HM	PNT-2	1/A-804	1/A-804	
CH335	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH336	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH337	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH338	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH339	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH340	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH344	D1	3' - 0"	7' - 0"	WD	STN-2		CH-12	F1	HM	PNT-2	1/A-804	1/A-804	
CH345	D1	3' - 0"	7' - 0"	WD	STN-2		CH-17	F1	HM	PNT-2	1/A-804	1/A-804	
CH347	D1	3' - 0"	7' - 0"	WD	STN-2		CH-14	F3	HM	PNT-2	1/A-804	1/A-804	
CH351	D5	3' - 0"	7' - 0"	GL/WD	STN-2		CH-14	F1	HM	PNT-2	1/A-804	1/A-804	
CH352	D5	3' - 0"	7' - 0"	GL/WD	STN-2		CH-14	F1	HM	PNT-2	1/A-804	1/A-804	
S1-L3	EXIST	3' - 0"	7' - 0"	EX-WD	EX-STN		CH-04	F2	EX-HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH

CITY COUNCIL

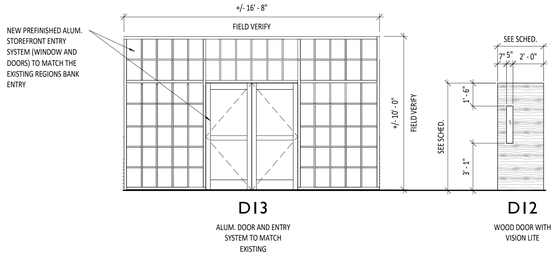
DOOR NO.	TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR MATERIAL	DOOR FINISH	FIRE RATING	HARDWARE	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	FRAME JAMB	FRAME HEAD	COMMENTS
CITY COUNCIL-LEVEL 1													
CC122A	D1	3' - 0"	8' - 6"	WD	STN-1		CC-04	F1	HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
CC122B	D7	3' - 0"	8' - 0"	GL/ALUM	PRE-FINISHED		CC-01	SF34	ALUM	PRE-FINISHED	9/A-804	5/A-804	CARD READER / DOOR POSITION SWITCH
CC123	D11	3' - 0"	8' - 6"	WD	STN-1		CC-04	F1	HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH / VENTED SEE ELECT.
CC124	D11	3' - 0"	8' - 6"	WD	STN-1		CC-08	F1	HM	PNT-2	1/A-804	1/A-804	DOOR POSITION SWITCH / VENTED SEE ELECT
CC125A	D7	3' - 0"	8' - 0"	GL/ALUM	PRE-FINISHED		CC-AL-02		ALUM	PRE-FINISHED	9/A-804	5/A-804	CARD READER / DOOR POSITION SWITCH
CC125B	D7	3' - 0"	8' - 0"	GL/ALUM	PRE-FINISHED		CC-AL-02		ALUM	PRE-FINISHED	9/A-804	5/A-804	CARD READER / DOOR POSITION SWITCH
CC125C	D7	3' - 0"	8' - 0"	GL/ALUM	PRE-FINISHED		CC-AL-02		ALUM	PRE-FINISHED	9/A-804	5/A-804	CARD READER / DOOR POSITION SWITCH
CC125D	D8	6' - 0"	8' - 6"	GL/ALUM	PRE-FINISHED		CC-AL-01		ALUM	PRE-FINISHED	9/A-804	5/A-804	CARD READER / DOOR POSITION SWITCH / AUTO-OPERATOR
CC126	D1	3' - 0"	8' - 6"	WD	STN-1		CC-04	F1	HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
CC127	D1	3' - 0"	8' - 6"	WD	STN-1		CC-07	F1	HM	PNT-2	1/A-804	1/A-804	
CC128	D1	3' - 0"	8' - 6"	WD	STN-1		CC-15	F1	HM	PNT-2	1/A-804	1/A-804	
CC129	D1	3' - 0"	8' - 6"	WD	STN-1		CC-15	F1	HM	PNT-2	1/A-804	1/A-804	
CC130A	D6	6' - 0"	8' - 6"	WD	STN-1		CC-05	F1	HM	PNT-2	1/A-804	1/A-804	
CC130B	D1	3' - 0"	8' - 6"	WD	STN-1		CC-03	F1	HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
CC131	D2	6' - 0"	8' - 6"	WD	STN-1		CC-06	F1	HM	PNT-2	1/A-804	1/A-804	
CC132	D1	3' - 0"	8' - 6"	WD	STN-1		CC-10	F1	HM	PNT-2	1/A-804	1/A-804	
CC133	D1	3' - 0"	8' - 6"	WD	STN-1		CC-07	F1	HM	PNT-2	1/A-804	1/A-804	
CITY COUNCIL-LEVEL 2													
CC236	D1	3' - 0"	8' - 6"	WD	STN-1		CC-08	F1	HM	PNT-2	1/A-804	1/A-804	DOOR POSITION SWITCH
CC237	D1	3' - 0"	8' - 6"	WD	STN-1		CC-04	F1	HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
CC238	D5 (2)	3' - 0"	8' - 4"	GL/ALUM	PRE-FINISHED		CC-AL-03	SF25	ALUM	PRE-FINISHED	7/A-804	6/A-804	CARD READER / DOOR POSITION SWITCH
CC239	D1	3' - 0"	8' - 6"	WD	STN-1		CC-08	F1	HM	PNT-2	1/A-804	1/A-804	DOOR POSITION SWITCH
CC240	D5	3' - 0"	8' - 6"	GL/WD	STN-1		CC-13	F1	HM	PNT-2	1/A-804	1/A-804	
CC241	D1	3' - 0"	8' - 6"	WD	STN-1		CC-09	F3	HM	PNT-2	1/A-804	1/A-804	
CC242	D1	3' - 0"	8' - 6"	WD	STN-1		CC-09	F3	HM	PNT-2	1/A-804	1/A-804	
CC243	D1	3' - 0"	8' - 6"	WD	STN-1		CC-09	F3	HM	PNT-2	1/A-804	1/A-804	
CC244	D1	3' - 0"	8' - 6"	WD	STN-1		CC-09	F3	HM	PNT-2	1/A-804	1/A-804	
CC245	D1	3' - 0"	8' - 6"	WD	STN-1		CC-09	F3	HM	PNT-2	1/A-804	1/A-804	
CC246	D1	2' - 10"	8' - 6"	WD	STN-1		CC-09	F3	HM	PNT-2	1/A-804	1/A-804	
CC247	D1	3' - 0"	8' - 6"	WD	STN-1		CC-09	F3	HM	PNT-2	1/A-804	1/A-804	
CC248	D1	3' - 0"	8' - 6"	WD	STN-1	60 MIN.	CC-04	F1	HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
CC251	D1	3' - 0"	8' - 6"	WD	STN-1		CC-09	F3	HM	PNT-2	1/A-804	1/A-804	
CC253	D5 (2)	3' - 0"	8' - 6"	GL/WD	STN-1		CC-04	SF31	ALUM	PRE-FINISHED	7/A-804	6/A-804	CARD READER
CC255	D1	2' - 6"	8' - 6"	WD	STN-1		CC-12	F1	HM	PNT-2	1/A-804	1/A-804	
CC257	D5 (2)	3' - 0"	8' - 4"	GL/WD	STN-1		CC-10	S9	ALUM	PRE-FINISHED	7/A-804	6/A-804	CARD READER / DOOR POSITION SWITCH
CC258	D1	3' - 0"	8' - 6"	WD	STN-1		CC-04	SF25	HM	PNT-2	1/A-804	1/A-804	CARD READER / DOOR POSITION SWITCH
CC259	D1	3' - 0"	8' - 6"	WD	STN-1		CC-14	F1	HM	PNT-2	1/A-804	1/A-804	
CC260	D1	3' - 0"	8' - 6"	WD	STN-1		CC-14	F1	HM	PNT-2	1/A-804	1/A-804	
CC262	D5	3' - 0"	8' - 6"	GL/WD	STN-1		CC-02	SF27	ALUM	PRE-FINISHED	9/A-804	5/A-804	CARD READER / DOOR POSITION SWITCH
CC263	D3	3' - 0"	8' - 5 1/2"	GL	CLEAR		CC-16	SF28	GL	GL	10/A-804		
CC264	D7	3' - 0"	8' - 11"	GL/ALUM	PRE-FINISHED		CC-AL-03	SF29	ALUM	PRE-FINISHED	9/A-804	5/A-804	DOOR POSITION SWITCH

DOOR SCHEDULE NOTES:

1. REFER TO LS100 FOR ADDITIONAL INFORMATION AND REQUIREMENTS OF DOOR, FRAME, HARDWARE, AND FUNCTIONAL REQUIREMENTS.
2. FIELD VERIFY DOORS THAT ARE NOTED TO BE EXISTING TO REMAIN. CONFIRM DOOR SIZE, LOCATION, AND MATERIAL MATCHES DOOR SCHEDULE. COMMUNICATE WITH ARCHITECT IF THERE ARE ANY DISCREPANCIES.
3. EXISTING DOORS TO BE KEYED TO MATCH NEW DOORS
4. ALL EXISTING, REMAINING HOLLOW METAL DOOR FRAMES ARE TO BE PAINTED (PNT-2) THROUGHOUT.
5. FIELD VERIFY SITE CONDITIONS WITH MANUFACTURER FOR ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION.
6. ELECTRONIC DOOR DOOR HARDWARE DEVICES, CONDUIT, AND WIRING TO BE CONCEALED. COORDINATE WITH GLAZING CONTRACTOR WHERE ELECTRONIC DOOR HARDWARE WILL BE REQUIRED TO BE RUN IN MULLIONS TO CONCEAL WORK.
7. REFER TO ELECTRICAL DRAWINGS FOR ELECTRONIC AND SECURITY HARDWARE WIRING AND POWER INFORMATION.
8. SEE SPECIFICATIONS FOR MANUFACTURER AND INSTALLER QUALIFICATIONS - OPERATION, DESIGN PRESSURE, GLAZING, ETC.
9. PRIOR TO BEGINNING DEMOLITION WORK, ALL EXISTING REMAINING INTERIOR WOOD DOORS AND HARDWARE ARE TO BE REMOVED FROM THE H.M. DOOR FRAMES TO PROTECT THESE FROM POSSIBLE DAMAGE. AT THIS TIME, THE CONDITION OF THESE ITEMS ARE TO CATALOGUED AND DOCUMENTED WITH PHOTOS THAT CAN BE USED FOR FUTURE REFERENCE IF DAMAGE DOES OCCUR. THE REMOVED ITEMS ARE TO BE STORED TO PROTECT THESE AND KEEP THE DOORS AND HARDWARE TOGETHER TO FACILITATE INSTALLING THESE TO THE ORIGINAL LOCATION AND POSITION. ANY DOORS ARE HARDWARE THAT ARE DAMAGED BY THE CONTRACTOR ARE TO BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
10. THE G.C. IS TO INCLUDE THE COST OF REFINISHING (SANDING AND RE-STAINING) TEN (10) DOORS IN THEIR BID. THE ARCHITECT WILL DETERMINE WHICH DOORS ARE TO BE REFINISHED USING THE PHOTOS/CATALOGUE PREPARED BY THE GC AT THE OUTSET OF THE JOB BEFORE REMOVING THESE ITEMS FROM THE DOOR FRAMES. ALL THE OTHER DOORS AND ASSOCIATED HARDWARE ARE TO BE CLEANED AND RE-INSTALLED WITHOUT BEING REFINISHED. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A CUSTOM STAIN COLOR THAT MATCHES THE EXISTING DOOR FINISH AND PROVIDING SAMPLES FOR APPROVAL BY THE ARCHITECT BEFORE REFINISHING THE DOORS IN THE FIELD.
11. ALL NEW STAINED WOOD DOORS IN THE CITY HALL AREA (REGIONS BUILDING) ARE TO BE PRE-FINISHED IN THE FACTORY USING A CUSTOM STAIN COLOR TO MATCH THE EXISTING WOOD DOOR FINISH (STN-2). ALL NEW STAINED WOOD DOORS IN THE COUNCIL CHAMBERS ARE ALSO TO BE PRE-FINISHED IN THE FACTORY USING A CUSTOM STAIN COLOR TO MATCH THE ARCHITECT'S SAMPLE. THE GC IS RESPONSIBLE FOR PROVIDING ENOUGH SAMPLES TO ACHIEVE THE SUCCESSFUL COLOR MATCH FORMULA THAT'S NEEDED TO OBTAIN THE ARCHITECT'S APPROVAL.
12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ELECTRONIC DOOR HARDWARE WITH OTHER ADJOINING HARDWARE AND THE CORRESPONDING DOORS AND FRAMES. WIRING FOR NEW OPENINGS IS TO BE CONCEALED FROM VIEW WITHIN WALLS AND DOOR FRAMES WITHOUT EXCEPTION. WIRING FOR EXISTING OPENINGS IS TO BE CONCEALED FROM VIEW TO THE GREATEST EXTENT POSSIBLE. SURFACE-MOUNTED WIRING THAT COULD HAVE BEEN CONCEALED IN WHOLE OR IN-PART AT AN EXISTING OPENING BUT WAS NOT BECAUSE A CONTRACTOR OPTED TO TAKE AN "EASY" OR "CONVENIENT" APPROACH TO THE INSTALLATION WILL BE SUBJECT TO REMOVAL AND REPLACEMENT TO ACHIEVE AN ACCEPTABLE APPEARANCE AT THE CONTRACTOR'S EXPENSE. COORDINATE ELECTRICAL WIRING ROUGH-INS WITH THE ARCHITECT BEFORE PROCEEDING WITH WORK IN THE FIELD TO AVOID POTENTIAL CONFLICTS. REFER TO THE ELECTRICAL DRAWINGS FOR ADDITIONAL INFO.

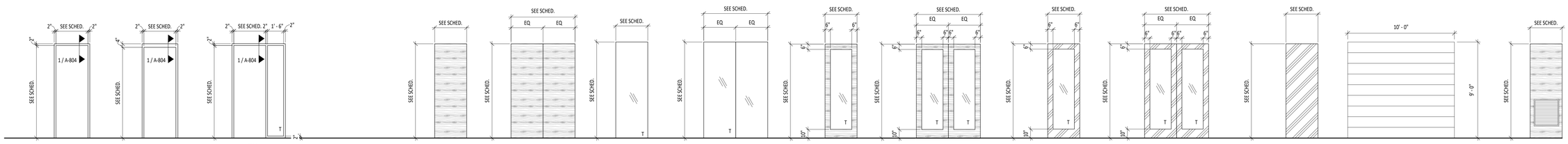
TEMPERED GLASS REQUIREMENTS:

1. GLAZING IN FRAMED AND UNFRAMED SWINGING DOORS, EXCEPT IF THE GLASS OPENING WILL NOT ALLOW A 3" SPHERE TO PASS.
2. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24" ARC OF EITHER VERTICAL EDGE OF A DOOR IN CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE WALKING SURFACE.
3. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL IN WHICH THE EXPOSED AREA OF AND INDIVIDUAL PANE IS GREATER THAN 9 SQUARE FOOT, THE BOTTOM EDGE IS LESS THAN 18" ABOVE THE FLOOR, THE EXPOSED TOP EDGE IS GREATER THAN 36" ABOVE THE FLOOR, AND ONE OR MORE WALKING SURFACES ARE WITHIN 36" HORIZONTALLY OF THE PLANE OF THE GLAZING.
4. GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WHEN WITHIN 36" HORIZONTALLY OF A WALKING SURFACE, WITHIN 60" HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION, AND THE BOTTOM EDGE IS LASS THAN 60" ABOVE THE PLANE OR THE ADJACENT WALKING SURFACE.



D13
ALUM. DOOR AND ENTRY SYSTEM TO MATCH EXISTING

D12
WOOD DOOR WITH VISION LITE



F1 HOLLOW METAL
F2 MASONRY HOLLOW METAL
F3 HOLLOW METAL W/ SIDE LIGHT
D1 SINGLE FLUSH WOOD DOOR
D2 OUBLE FLUSH WOOD DOOR
D3 SINGLE INT GLASS DOOR
D4 DOUBLE GLASS DOOR
D5 SINGLE WOOD DOOR WITH FULL LITE
D6 DOUBLE WOOD DOOR WITH FULL LITE
D7 SINGLE ALUMINUM DOOR WITH FULL LITE
D8 DOUBLE ALUMINUM DOOR WITH FULL LITE
D9 METAL DOOR
D10 ALUMINUM ROLLING DOOR
D11 SINGLE FLUSH WOOD DOOR W/ VENT

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE :
11-25-2024

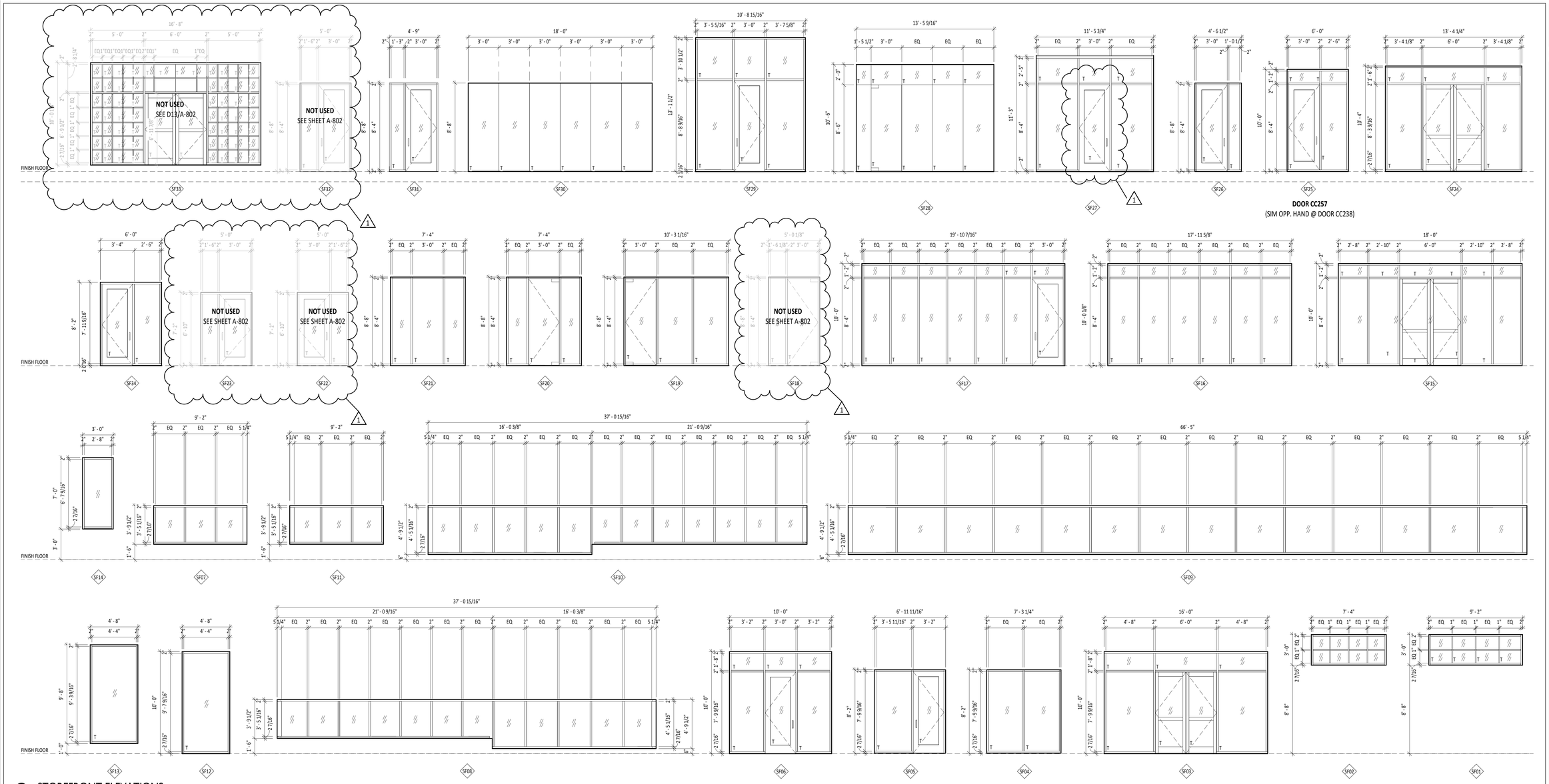
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/9/2024	Addendum 2
2	12/13/2024	Addendum 3

PROJECT NUMBER :
23-083

DRAWING TITLE :
DOOR SCHEDULE

SHEET NUMBER :
A-802



2 STOREFRONT ELEVATIONS

SCALE: 1/4" = 1'-0"

1 CURTAINWALL ELEVATIONS

SCALE: 1/4" = 1'-0"

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
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GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :

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2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:

11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:

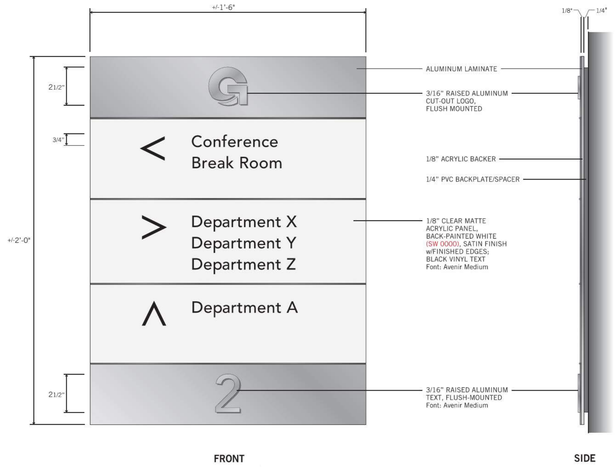
23-083

DRAWING TITLE:

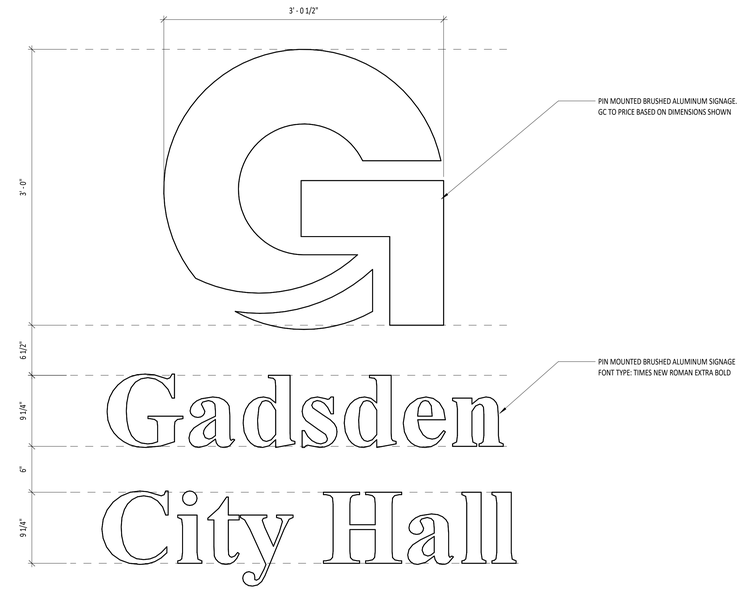
CURTAINWALL AND STOREFRONT SCHEDULES

SHEET NUMBER:

A-803

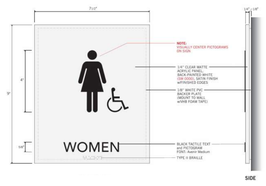


7 SIGN TYPE D
SCALE: 3" = 1'-0"

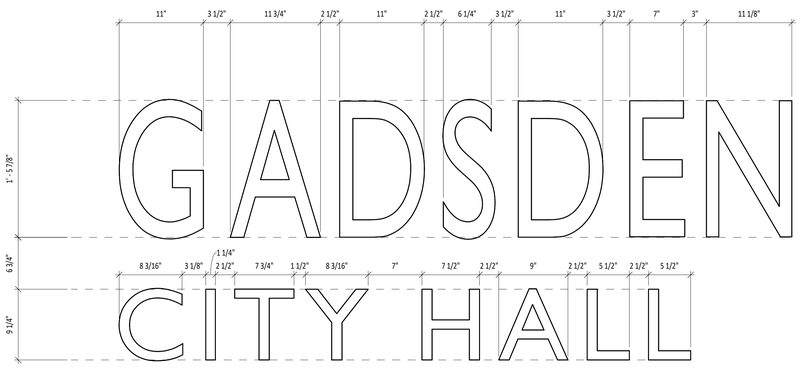


2 BUILDING SIGNAGE - B
SCALE: 1 1/2" = 1'-0" REF: 4 /A-602

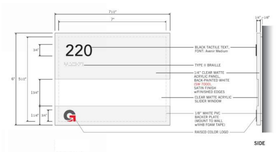
6 SIGN TYPE C - ADDITIONAL LAYOUTS
SCALE: 3" = 1'-0"



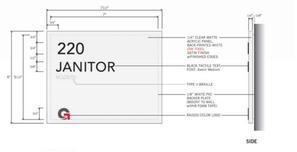
5 SIGN TYPE C
SCALE: 3" = 1'-0"



1 BUILDING SIGNAGE - A
SCALE: 1 1/2" = 1'-0" REF: 1 /A-202



4 SIGN TYPE B
SCALE: 3" = 1'-0"



3 SIGN TYPE A
SCALE: 3" = 1'-0"

2522 5471
5821 6438
WILLIAMS BLACKSTOCK
ARCHITECTS
5325

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS
BLACKSTOCK
ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE :
11-25-2024

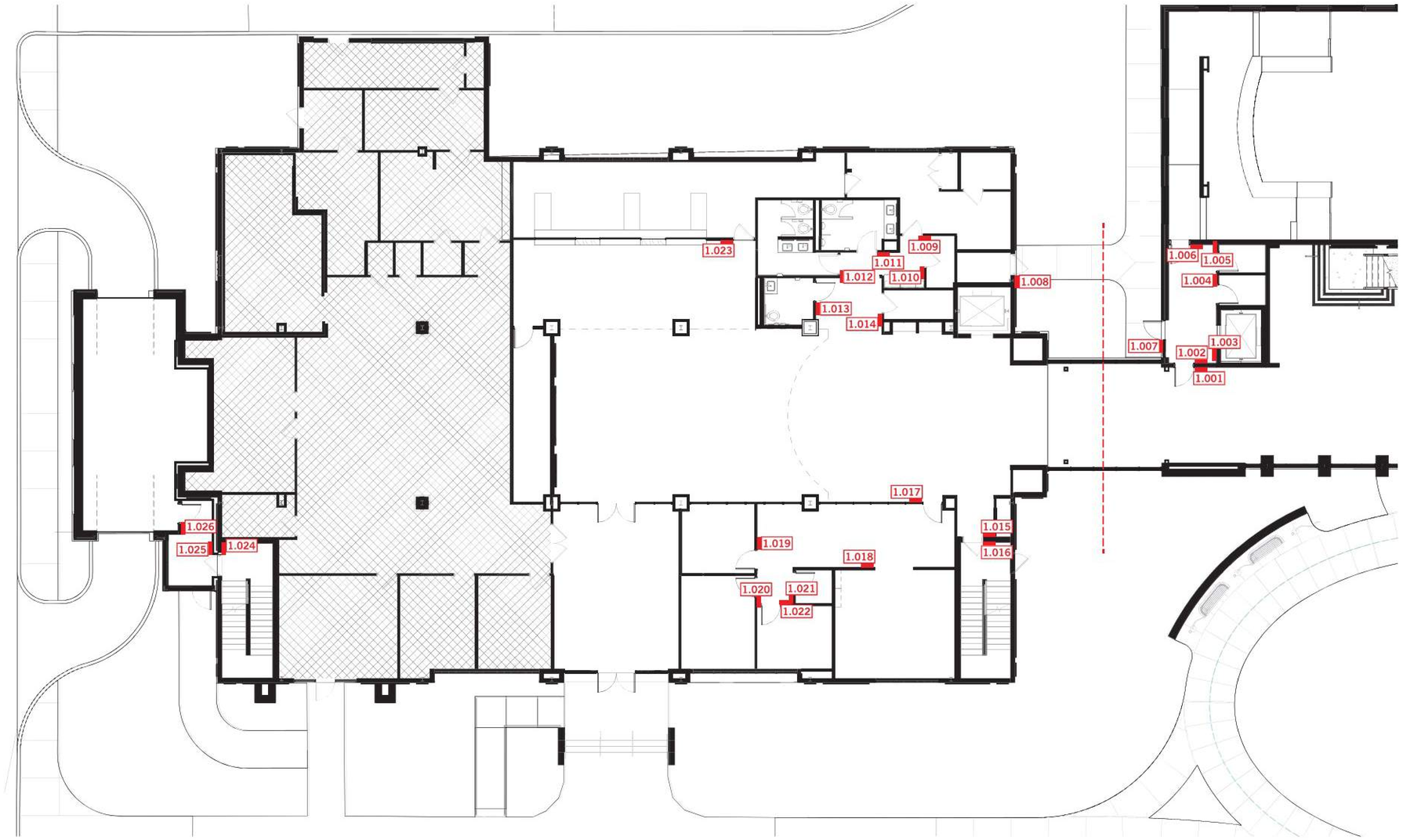
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
SIGNAGE DETAILS
& ELEVATIONS

SHEET NUMBER:
A-805
1



CITY HALL
1ST FLOOR
MESSAGE SCHEDULE

SIGN #/ TYPE	MESSAGE	SYMBOL
1.001.A	SERVICE	
1.002.A	LOBBY	
1.003.C	IN CASE OF FIRE USE STAIRS	Fire/Stair
1.004.A	124; ELECTRICAL	
1.005.A	123; TELECOM	
1.006.A	130; COUNCIL CHAMBER	
1.007.A	SERVICE ENTRANCE	
1.008.A	SERVICE ENTRANCE	
1.009.A	SERVICE	
1.010.A	116; STORAGE	

SIGN #/ TYPE	MESSAGE	SYMBOL
1.011.C	MEN	Male/Handi
1.012.C	WOMEN	Female/Handi
1.013.C	FAMILY RESTROOM	M/F/Handi
1.014.A	118; STORAGE	
1.015.C	STAIRS	Stair
1.016.A	LEVEL 1	
1.017.A	103; OFFICE	
1.018.A	108; REVENUE & GARBAGE COLLECTION	
1.019.B	104	
1.020.B	105	

SIGN #/ TYPE	MESSAGE	SYMBOL
1.021.A	107; STORAGE	
1.022.B	106	
1.023.A	111; GARBAGE	
1.024.A	LEVEL 1 / GARAGE	
1.025.C	STAIRS	Stair
1.026.A	110; GARAGE	

CH - LEVEL 1 SIGNAGE PLAN
SCALE: 1/8" = 1'-0"

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

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2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

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PROJECT NUMBER:
23-083

DRAWING TITLE:
CH - LEVEL 1 SIGNAGE PLAN

SHEET NUMBER:
A-806

CITY HALL
2ND FLOOR
MESSAGE SCHEDULE

SIGN #/ TYPE	MESSAGE	SYMBOL
2.001.C	IN CASE OF FIRE USE STAIRS	Fire/Stair
2.002.A	OFFICES	
2.003.A	236; CONFERENCE	
2.004.A	LOBBY	
2.005.A	236; CONFERENCE	
2.006.A	234; IT SERVER	
2.007.B	233	
2.008.B	232	
2.009.B	231	
2.010.B	230	
2.011.B	229	
2.012.B	228	
2.013.A	215B; STORAGE	

SIGN #/ TYPE	MESSAGE	SYMBOL
2.014.B	227	Fire/Stair
2.015.A	226; FILES	
2.016.A	219; BREAK KITCHEN	
2.017.C	MEN	Male/Handi
2.018.A	224; JANITOR	
2.019.C	WOMEN	Female/Handi
2.020.A	TRAINING ROOM	
2.021.A	TERRACE	
2.022.C	STAIRS	Stair
2.023.A	138; STORAGE	
2.024.A	LEVEL 2	
2.025.A	211; MAYOR	
2.026.A	216; STORAGE	

SIGN #/ TYPE	MESSAGE	SYMBOL
2.027.A	215A; STORAGE	
2.028.A	RESTROOM	
2.029.C	RESTROOM	M/F/Handi
2.030.A	RESTROOM	
2.031.A	OFFICES	
2.032.B	208	
2.033.B	207	
2.034.B	206	
2.035.B	205	
2.036.B	204	
2.037.C	STAIRS	Stair
2.038.A	LEVEL 2	

CH - LEVEL 2 SIGNAGE PLAN
SCALE: 1/8" = 1'-0"

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
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PROJECT NUMBER:
23-083

DRAWING TITLE:
CH - LEVEL 2 SIGNAGE PLAN

SHEET NUMBER:
A-807

CITY HALL
3RD FLOOR
MESSAGE SCHEDULE

SIGN #/ TYPE	MESSAGE	SYMBOL
3.001.C	IN CASE OF FIRE USE STAIRS	Fire/Stair
3.002.A	OFFICES	
3.003.A	LOBBY	
3.004.A	301; CLERK	
3.005.A	348; ELECTRICAL	
3.006.A	OFFICES	
3.007.B	353	
3.008.B	352	
3.009.B	351	
3.010.A	350; STORAGE	
3.011.B	347	
3.012.B	346	
3.013.B	340	
3.014.B	339	
3.015.B	338	
3.016.B	337	
3.017.B	336	
3.018.B	335	
3.019.C	RESTROOM	M/F/Handi
3.020.A	344; JANITOR	
3.021.A	343; BREAKROOM	
3.022.B	342	
3.023.B	341	
3.024.A	334; STUDIO	
3.025.B	333	
3.026.A	332; STORAGE	
3.027.A	331; STORAGE	
3.028.B	329	
3.029.B	328	
3.030.B	327	
3.031.A	STAIRS	Stair
3.032.A	LEVEL 3	
3.033.A	325; STORAGE	
3.034.B	324	
3.035.C	WOMEN	Female/Handi
3.036.B	323	
3.037.C	MEN	Male/Handi
3.038.A	315; JANITOR	
3.039.B	322	
3.040.A	312; ELECTRICAL	
3.041.B	321	
3.042.B	310	
3.043.B	320	
3.044.B	309	
3.045.B	320	
3.046.B	308	
3.047.B	319	
3.048.B	307	
3.049.B	306	
3.050.A	301; CLERK	
3.051.A	318; STORAGE	
3.052.B	317	
3.053.A	OFFICES	
3.054.C	STAIRS	Stair
3.055.A	LEVEL 3	

CH - LEVEL 3 SIGNAGE PLAN
SCALE: 1/8" = 1'-0"

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

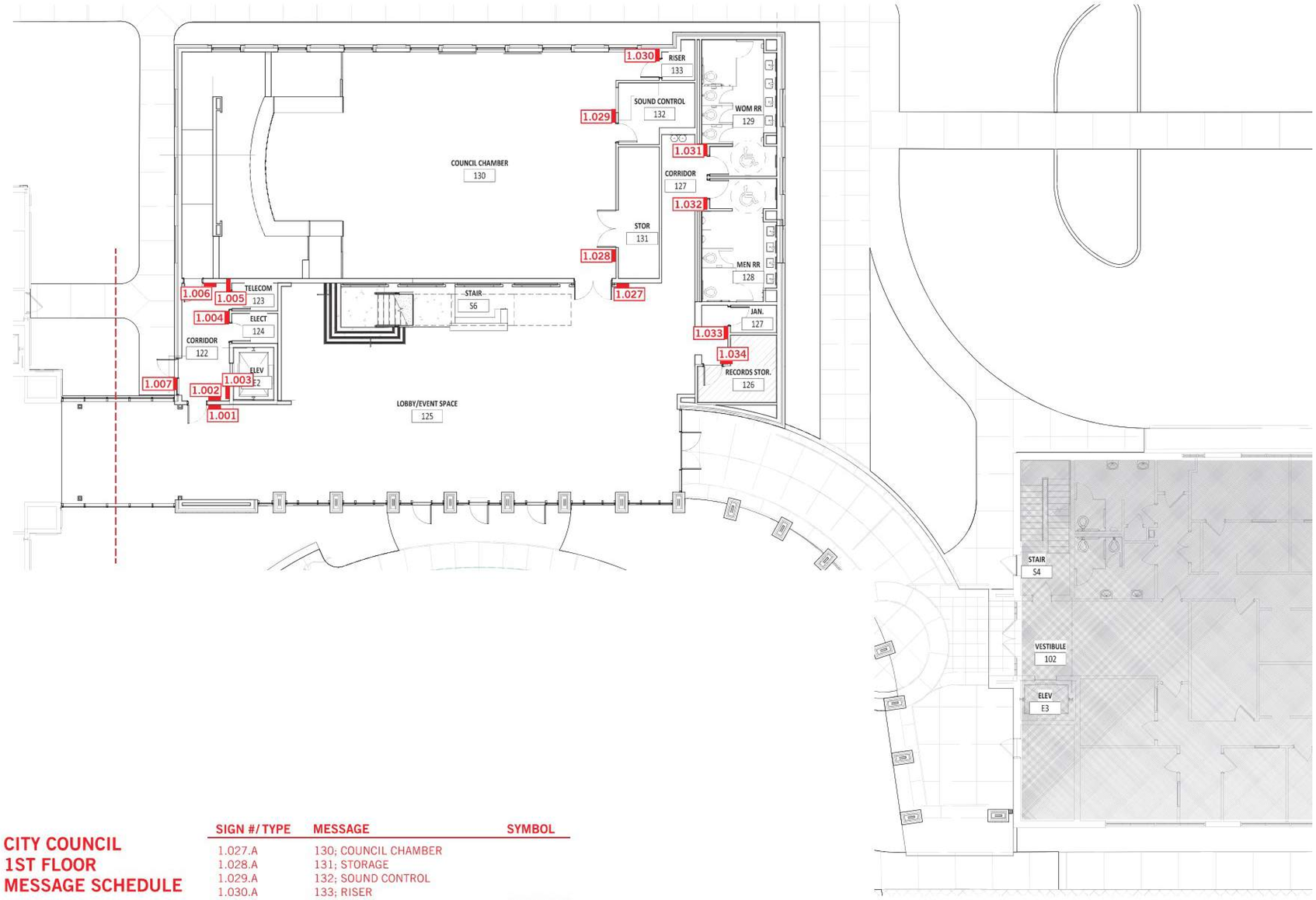
REVISIONS :

NO.	DATE	DESCRIPTION
1	12/13/2024	Addendum 3

PROJECT NUMBER:
23-083

DRAWING TITLE:
CH - LEVEL 3 SIGNAGE PLAN

SHEET NUMBER:
1
A-808



CITY COUNCIL 1ST FLOOR MESSAGE SCHEDULE

SIGN #/ TYPE	MESSAGE	SYMBOL
1.027.A	130; COUNCIL CHAMBER	
1.028.A	131; STORAGE	
1.029.A	132; SOUND CONTROL	
1.030.A	133; RISER	
1.031.C	WOMEN	Female/Handi
1.032.C	MEN	Male/Handi
1.033.A	127; JANITOR	
1.034.A	126; RECORDS	

CC - LEVEL 1 SIGNAL PLAN
SCALE: 1/8" = 1'-0"

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
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23-083

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CC - LEVEL 1 SIGNAGE PLAN

SHEET NUMBER:
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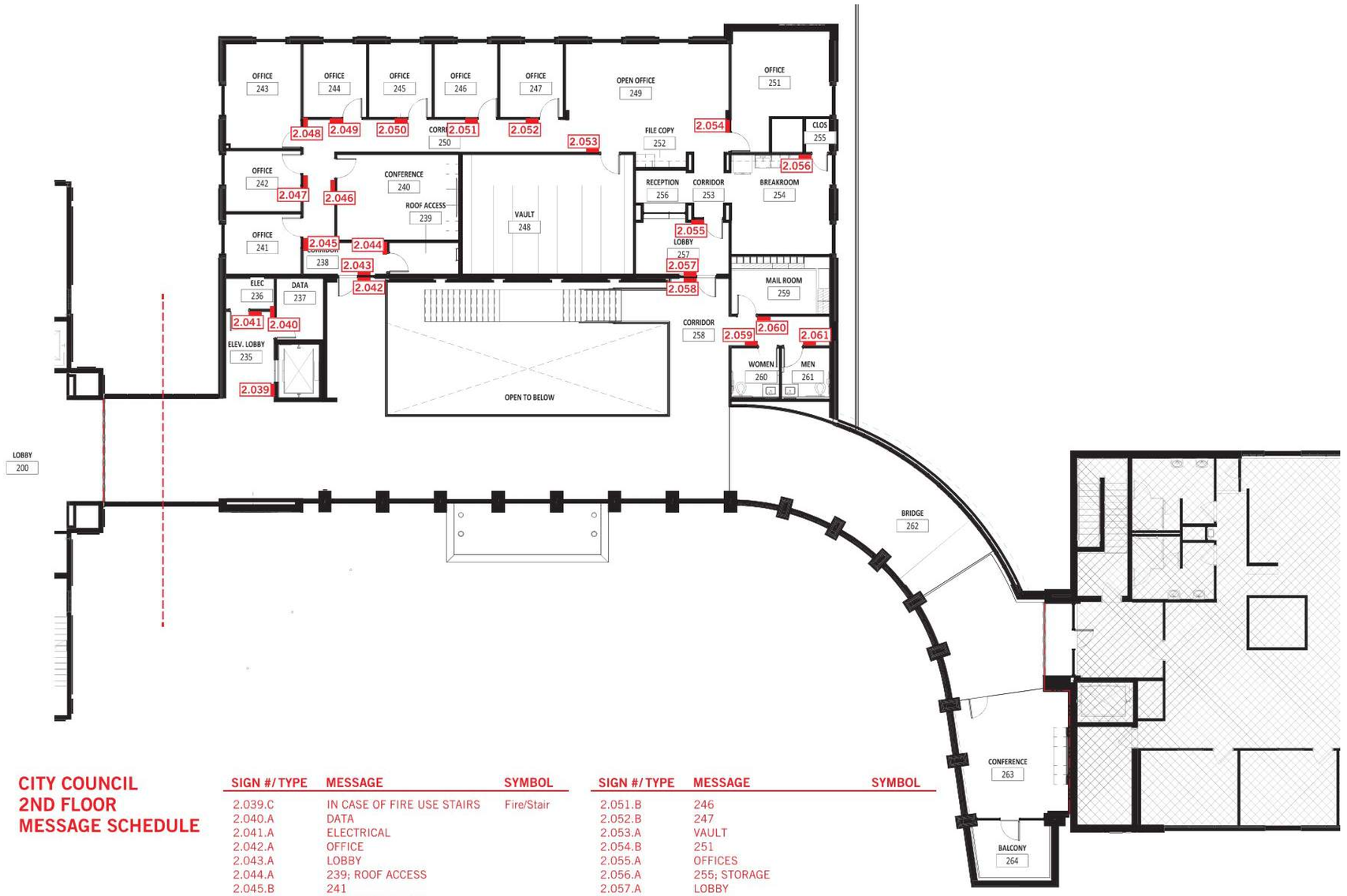

CITY COUNCIL 2ND FLOOR MESSAGE SCHEDULE

SIGN #/ TYPE	MESSAGE	SYMBOL
2.039.C	IN CASE OF FIRE USE STAIRS	Fire/Stair
2.040.A	DATA	
2.041.A	ELECTRICAL	
2.042.A	OFFICE	
2.043.A	LOBBY	
2.044.A	239; ROOF ACCESS	
2.045.B	241	
2.046.A	240; CONFERENCE	
2.047.B	242	
2.048.B	243	
2.049.B	244	
2.050.B	245	
2.051.B	246	
2.052.B	247	
2.053.A	VAULT	
2.054.B	251	
2.055.A	OFFICES	
2.056.A	255; STORAGE	
2.057.A	LOBBY	
2.058.A	OFFICE	
2.059.C	WOMEN	Female/Handi
2.060.A	259; MAIL ROOM	
2.061.C	MEN	Male/Handi

CC - LEVEL 2 SIGNAGE PLAN
SCALE: 1/8" = 1'-0"

STATE OF ALABAMA
2522 5471
5821 6438
WILLIAMS BLACKSTOCK ARCHITECTS
5325
REGISTERED ARCHITECT

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
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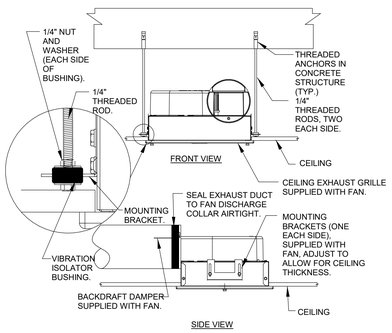
SHEET NUMBER:
A-810

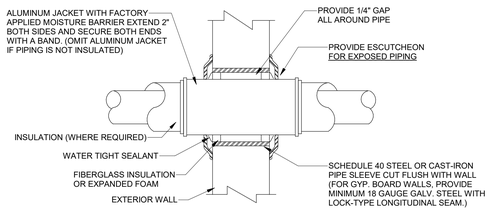
Dewberry
2 Riverchase Office Plaza
Suite 206
Hoover, AL 35244
(205) 988-2069
www.dewberry.com

Project Number :
50181599



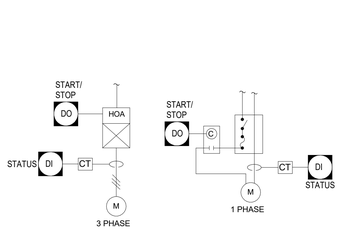
CEILING EXHAUST FAN DETAIL

NO SCALE



PIPE PENETRATION DETAIL

NO SCALE

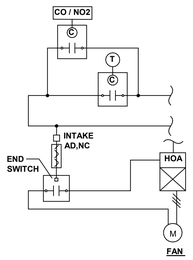


GENERAL EXHAUST FAN CONTROLS

NO SCALE

FAN CONTROL SEQUENCES:

EXHAUST FANS: THE EXHAUST FANS SHALL RUN CONTINUOUSLY IN OCCUPIED MODE. THE EXHAUST FANS SHALL BE INTERLOCKED WITH THE FIRE ALARM. FIRE ALARM SYSTEM TO SHUT DOWN FANS UPON ANY FIRE ALARM EVENT IN THE BUILDING.

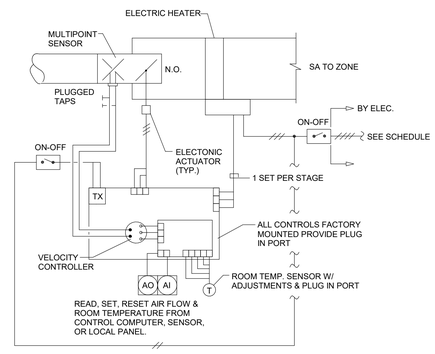


CONTROL SEQUENCE:

VF-1:
VENTILATION FAN SHALL BE CONTROLLED BY A WALL MOUNTED CO/NO2 SENSOR AND THERMOSTAT. FAN SHALL RUN WHEN CO/NO2 MONITOR ALARMS. THERMOSTAT SHALL BE SET TO 85°F (ADJ.). WHENEVER THE TEMPERATURE RISES ABOVE SETPOINT THE FAN SHALL RUN. WHEN THE FAN RUNS THE AUTOMATIC DAMPER ASSOCIATED WITH THE VENTILATION FAN SHALL OPEN.

EXHAUST FAN CONTROLS (VF-1)

NO SCALE



VAV TERMINAL UNIT CONTROLS - ELECTRIC HEAT

NO SCALE

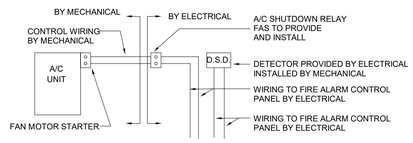
VAV TERMINAL UNIT CONTROLS SEQUENCE:

NOTE:
SPACE TEMPERATURE SENSOR SET POINT SHALL BY OWNER DEFINED.

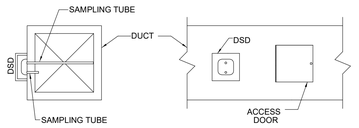
SPACE THERMOSTATS SHALL HAVE USER ADJUSTMENT AND DISPLAY OF ACTUAL TEMPERATURE IN THE SPACE.

CVR (CONSTANT VOLUME REHEAT): THE BAS SHALL MODULATE THE BOX DAMPER AS REQUIRED TO MAINTAIN CONSTANT AIRFLOW AS SENSED BY THE AIRFLOW MEASUREMENT STATION. UPON A DROP IN ROOM TEMPERATURE AS MEASURED BY THE SPACE TEMPERATURE SENSOR, THE ELECTRIC HEATER SHALL STAGE ON AS REQUIRED.

V V R (VARIABLE VOLUME REHEAT): UPON A DROP IN ROOM TEMPERATURE AS MEASURED BY THE SPACE TEMPERATURE SENSOR, THE BOX AIR FLOW SHALL MODULATE TO AMINIMUM AND ON A FURTHER DROP IN ROOM TEMPERATURE THE BOX AIR FLOW SHALL INCREASE TO HEATING CFM MAXIMUM AND THE BOX ELECTRIC HEATER SHALL STAGE ON.



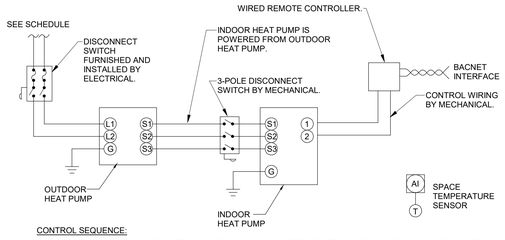
DUCT SMOKE DETECTOR CONNECTION



DUCT SMOKE DETECTOR INSTALLATION

DUCT SMOKE DETECTOR DETAIL

NO SCALE



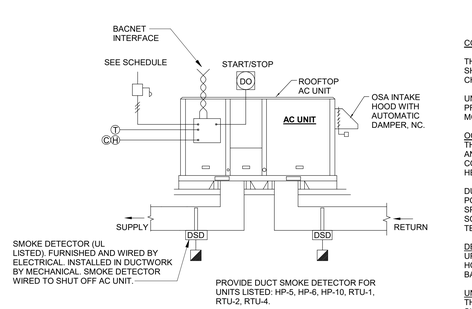
CONTROL SEQUENCE:

THE AC UNIT SHALL BE CONTROLLED BY A WIRED WALL MOUNTED REMOTE CONTROLLER. THE CONTROLLER SHALL CYCLE ON COMPRESSOR(S) TO MAINTAIN COOLING SETPOINT (74°F - ADJUSTABLE) AND HEATING SETPOINT (70°F - ADJUSTABLE).

ALL ABOVE CEILING MINI-SPLITS SHALL TIE INTO BAS AND UNITS W/ OUTSIDE AIR, THE OUTSIDE AIR DAMPER SHALL OPEN WHEN THE SUPPLY FAN RUNS.

DUCTLESS SPLIT SYSTEM CONTROLS

NO SCALE



PACKAGED AC UNIT CONTROLS - CONSTANT VOLUME

NO SCALE

CONTROL SEQUENCE:

THE BAS SHALL ENABLE THE UNIT TO START. ALL POINTS SHOWN IN THE RTU DIAGRAM AND/OR DESCRIBED BELOW SHALL BE PROVIDED BY THE RTU MANUFACTURER (UNLESS OTHERWISE NOTED) AND SHALL BE VIEWABLE AND CHANGEABLE IN THE BAS.

UNIT CONTROLLER SHALL BE PROVIDED WITH THE FOLLOWING SEQUENCE. CONTROLLER SHALL BE FACTORY PROGRAMMED, MOUNTED AND TESTED. UNIT SHALL HAVE A LCD READOUT FOR CHANGING SET POINTS AND MONITORING UNIT OPERATION.

OCCUPIED MODE:
THE BAS SHALL ENABLE THE UNIT CONTROLLER TO START THE SUPPLY FAN, SUBJECT TO INTERNAL AC UNIT SAFETIES AND SMOKE DETECTOR INTERLOCK (WHERE REQUIRED). THE SPACE TEMPERATURE SENSOR SHALL CYCLE ON COMPRESSOR TO MAINTAIN COOLING SETPOINT (75°F - ADJUSTABLE) AND ELEC HEAT AS REQUIRED TO MAINTAIN HEATING SETPOINT (70°F - ADJUSTABLE).

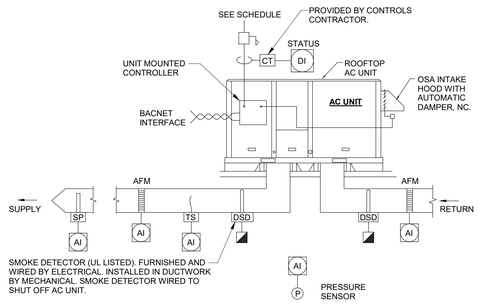
DURING OCCUPIED MODE AS DETERMINED BY THE BAS, THE OUTSIDE AIR DAMPER SHALL OPEN TO A MINIMUM POSITION TO PROVIDE THE MINIMUM SCHEDULED OSA CFM. FOR UNITS WITH DEMAND CONTROL VENTILATION: WHEN THE SPACE CO2 LEVELS RISE TO 1000 PPM, THE OUTSIDE AIR AUTO DAMPER SHALL OPEN TO PROVIDE THE MAXIMUM SCHEDULED OSA CFM. AUTO DAMPER POSITIONS TO PROVIDE THE MIN & MAX CFM VALUES SHALL BE DETERMINED BY THE TEST AND BALANCE CONTRACTOR.

DEHUMIDIFICATION SEQUENCE:
UPON A RISE IN SPACE HUMIDITY (ABOVE 60% RH), THE AC UNIT SHALL GO INTO FULL COOLING AND MODULATE THE HOT GAS REHEAT COIL TO MAINTAIN A SPACE TEMPERATURE OF 75°F. (ADJUSTABLE). UPON THE HUMIDITY FALLING BACK BELOW SETPOINT (55% RH) THE UNIT SHALL RETURN TO NORMAL OPERATION.

UNOCCUPIED MODE:
THE OUTSIDE AIR DAMPER SHALL REMAIN CLOSED DURING UNOCCUPIED HOURS. THE SPACE TEMPERATURE SENSOR SHALL CYCLE ON COMPRESSOR TO MAINTAIN COOLING SETPOINT (80°F - ADJUSTABLE) AND ELEC HEAT AS REQUIRED TO MAINTAIN HEATING SETPOINT (60°F - ADJUSTABLE).

ECONOMIZER:
FOR UNITS 5 TONS AND GREATER. THE UNIT WILL MEASURE THE DRY BULB SUPPLY AIR TEMPERATURE AND THE DRY BULB OUTDOOR AIR TEMPERATURE AND ECONOMIZER WILL BE ENABLED WHEN THE OUTDOOR AIR TEMPERATURE IS BELOW THE DRY BULB CHANGE OVER SETPOINT (55°F). WHEN ECONOMIZING IS ENABLED AND THE UNIT IS OPERATING IN COOLING MODE, THE OUTSIDE AIR DAMPER AND RETURN AIR DAMPER WILL BE MODULATED IN TANDEM TO MAINTAIN THE SPACE TEMPERATURE SETPOINT. IF THE ECONOMIZER CANNOT MAINTAIN SPACE TEMPERATURE, THE COMPRESSORS SHALL BE ENABLED.

TO PREVENT SPACE OVER-PRESSURIZATION, THE POWERED EXHAUST FAN SHALL RUN AS REQUIRED TO MAINTAIN +0.01 WGSP IN THE SPACE.



PACKAGED AC UNIT CONTROLS (RTU-6)

NO SCALE

CONTROL SEQUENCE:

THE BAS SHALL ENABLE THE UNIT TO START. ALL UNIT CONTROL POINTS SHALL BE VIEWABLE AND CHANGEABLE VIA THE BAS.

THE UNIT MOUNTED CONTROLLER SHALL START THE SUPPLY FAN, SUBJECT TO INTERNAL AC UNIT SAFETIES AND SMOKE DETECTOR INTERLOCK (WHERE REQUIRED). THE COMPRESSORS SHALL STAGE AS REQUIRED TO MAINTAIN A SUPPLY AIR TEMPERATURE SETPOINT OF 55°F -ADJ. AT THE SAT SENSOR.

WHEN THE SUPPLY FAN IS RUNNING THE BAS SHALL READ THE SUPPLY AND RETURN AIRFLOW AT THE AIR FLOW MONITORS AND SHALL SIGNAL THE UNIT CONTROLLER TO MODULATE THE OUTSIDE AIR DAMPER AS REQUIRED TO MAINTAIN SCHEDULED OUTSIDE AIR AMOUNT.

WHEN THE SUPPLY FAN IS STARTED, THE UNIT MOUNTED CONTROLLER SHALL SLOWLY INCREASE THE SPEED OF THE FANS IN UNISON TO REACH AND MAINTAIN STATIC PRESSURE SET POINT AT THE DUCT STATIC PRESSURE SENSOR. THE STATIC PRESSURE SET POINT SHALL BE THE MINIMUM THAT WILL SUPPLY DESIGN AIR FLOW TO ALL THE TERMINAL BOXES AS DETERMINED BY THE TEST AND BALANCE CONTRACTOR.

UNOCCUPIED MODE:
THE OUTSIDE AIR DAMPER SHALL REMAIN CLOSED DURING UNOCCUPIED HOURS. IF ANY SPACE TEMPERATURE SENSOR RISES ABOVE 80°F OR BELOW 60°F, THE UNIT SHALL RUN AS DESCRIBED ABOVE.

ECONOMIZER:
THE UNIT WILL MEASURE THE DRY BULB SUPPLY AIR TEMPERATURE AND THE DRY BULB OUTDOOR AIR TEMPERATURE AND ECONOMIZER WILL BE ENABLED WHEN THE OUTDOOR AIR TEMPERATURE IS BELOW THE DRY BULB CHANGE OVER SETPOINT (55°F). WHEN ECONOMIZING IS ENABLED AND THE UNIT IS OPERATING IN COOLING MODE, THE OUTSIDE AIR DAMPER AND RETURN AIR DAMPER WILL BE MODULATED IN TANDEM TO MAINTAIN THE SPACE TEMPERATURE SETPOINT. IF THE ECONOMIZER CANNOT MAINTAIN SPACE TEMPERATURE, THE COMPRESSORS SHALL BE ENABLED.

TO PREVENT SPACE OVER-PRESSURIZATION, THE POWERED EXHAUST FAN SHALL RUN AS REQUIRED TO MAINTAIN +0.01 WGSP IN THE SPACE.

REFRIGERANT LEAK DETECTION CONTROLS:

1. THE LEAK DETECTION SYSTEM SHALL CONSIST OF ONE OR MORE REFRIGERANT LEAK DETECTION SENSORS INSTALLED IN THE HVAC EQUIPMENT BY THE HVAC EQUIPMENT MANUFACTURER.

2. WHEN THE SYSTEM DETECTS A LEAK, THE FOLLOWING MITIGATION ACTIONS WILL BE INITIATED UNTIL REFRIGERANT HAS NOT BEEN DETECTED FOR 5 MINUTES:

   A. SUPPLY FANS SHALL BE ENERGIZED TO RUN AT 100% FAN SPEED.

   B. COMPRESSOR OPERATION SHALL BE DISABLED.

   C. ALL ZONING DAMPERS, SUCH AS VAV TERMINAL UNITS SHALL BE OPENED TO 100%.

   D. ALL ELECTRIC HEAT OR GAS HEAT SHALL BE DISABLED.

3. THE BUILDING FIRE AND SMOKE SYSTEMS SHALL OVERRIDE THIS FUNCTION.

4. IF THE REFRIGERANT SENSOR HAS A FAULT, IS AT THE END OF ITS USEFUL LIFE, OR IS DISCONNECTED, THE AC UNIT WILL INITIATE THE ABOVE MITIGATION ACTIONS. MITIGATION ACTIONS SHALL BE VERIFIED BY DISCONNECTING THE SENSOR.

5. THE REFRIGERANT SENSORS DO NOT NEED ROUTINE MAINTENANCE. USE ONLY MANUFACTURER-APPROVED SENSORS WHEN REPLACEMENT IS REQUIRED.

HVAC EQUIPMENT REFRIGERANT GENERAL NOTES:

1. THIS PROJECT IS DESIGNED WITH HVAC EQUIPMENT WHICH USE A2L REFRIGERANT.

2. THE MECHANICAL DESIGN WILL COMPLY WITH THE 2024 INTERNATIONAL MECHANICAL CODE, ASHRAE 15-2022, AND ASHRAE 34-2022.

3. THE INSTALLATION SHALL ALSO COMPLY WITH THESE STANDARDS.

4. HVAC EQUIPMENT SHALL BE MANUFACTURED TO COMPLY WITH THESE STANDARDS, AS WELL AS UL 484, UL/CSA 60335-2-40, AND UL/CSA 60355-2-89.

HVAC CONTROLS - GENERAL NOTES

1. MECHANICAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR EXACT QUANTITY AND LOCATIONS OF 120 V CONTROLS POWER NECESSARY TO CONTROL PANELS THROUGHOUT PROJECT.

2. MECHANICAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR EXACT QUANTITY AND LOCATIONS OF 120 V CONTROL POWER ABOVE CEILING FOR TERMINAL UNITS ABOVE CEILING. PROVIDE MINIMUM (1) JUNCTION BOX WITH 120 V CONTROL POWER FOR EVERY (7) AIR TERMINAL BOXES.

3. MECHANICAL CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR EXACT QUANTITY AND LOCATIONS OF 120 V CONTROL POWER NECESSARY TO POWER AUTOMATIC CONTROL VALVES, AUTOMATIC DAMPER ACTUATORS, AND SMOKE DAMPER ACTUATORS.

4. ALL SMOKE DETECTORS ARE PROVIDED AND WIRED BY ELECTRICAL, INSTALLED BY MECHANICAL.

5. INSTALL SMOKE DETECTORS AT EACH SMOKE DAMPER OR SMOKE/FIRE DAMPER.

6. PROVIDE ALL NECESSARY RELAYS, SWITCHES, SENSORS, LOW VOLTAGE CONTROL WIRING, ACTUATORS, ETC. FOR A COMPLETE AND FUNCTIONAL CONTROLS SYSTEM.

⚠3 NOTE: EXISTING TO REMAIN PACKAGED UNITS (HP-1 & HP-3) SHALL BE TIED INTO NEW BAS.

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St. Gadsden, AL 35901
23-083

KEY PLAN :

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2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

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NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum No. 3

PROJECT NUMBER:
23-083

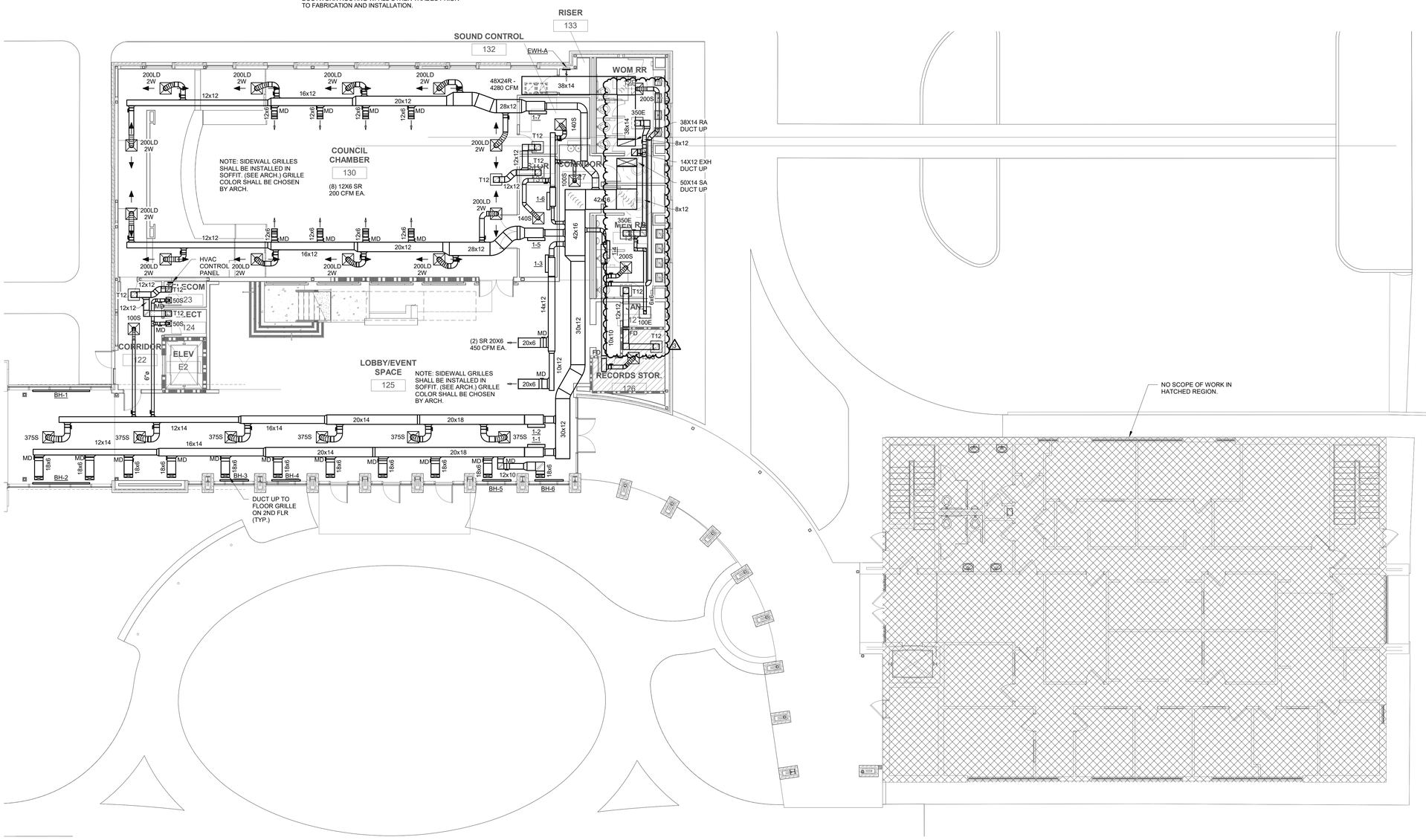
DRAWING TITLE:
MECHANICAL CONTROLS & DETAILS

SHEET NUMBER:
M-004

Dewberry
2 Riverchase Office Plaza
Suite 206
Hoover, AL 35244
(205) 988-2069
www.dewberry.com

Project Number :
50181599

GENERAL DUCTWORK ROUTING NOTE:
SPACE ABOVE CEILING IS LIMITED, COORDINATE ALL DUCTWORK ROUTING W/ ALL OTHER TRADES PRIOR TO FABRICATION AND INSTALLATION.



MECHANICAL - 1ST FLOOR PLAN - CITY COUNCIL
SCALE: 1/8" = 1'-0"

0' 4' 8' 16'
SCALE: 1/8" = 1' - 0"

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

NORTH

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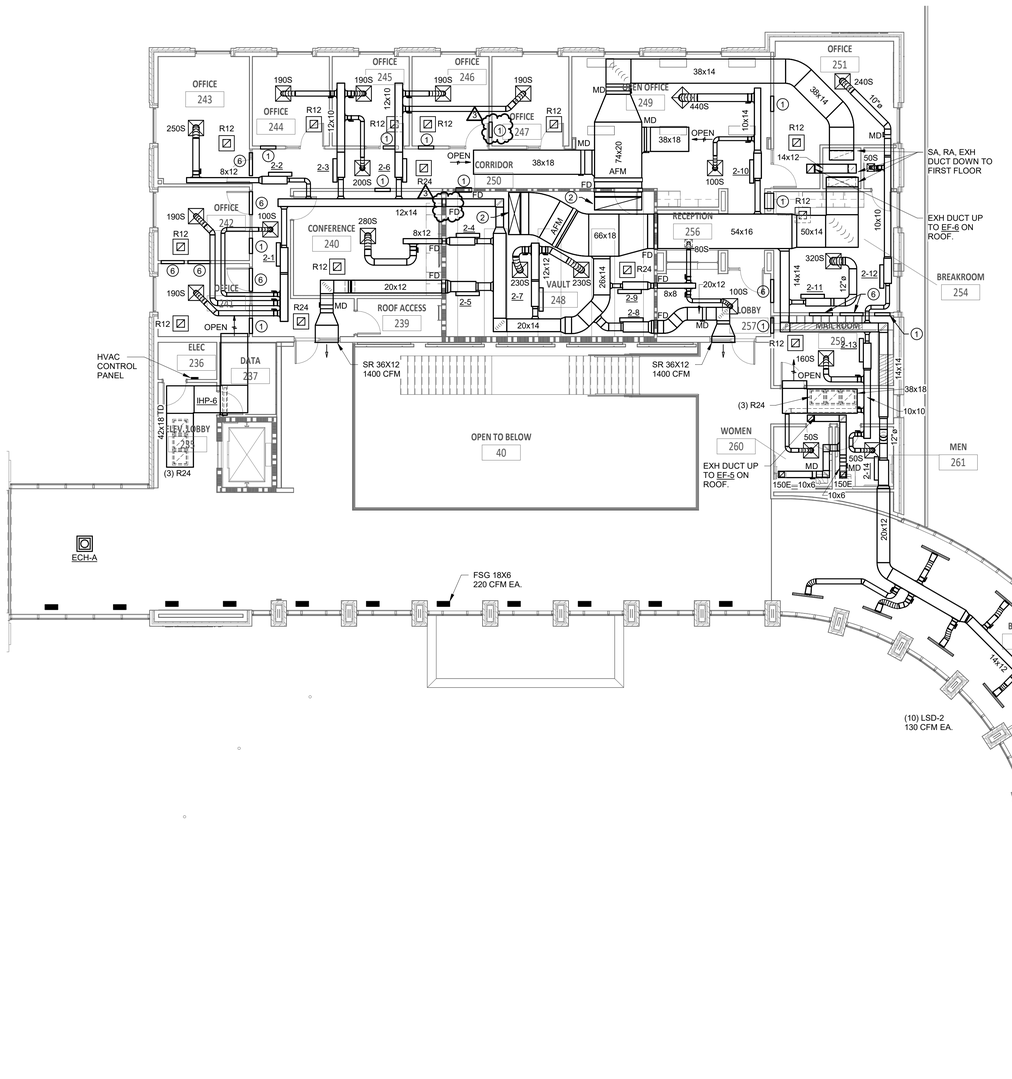
DRAWING TITLE:
MECHANICAL - 1ST FLOOR PLAN - CITY COUNCIL

SHEET NUMBER:
M-202

GENERAL DUCTWORK ROUTING NOTE:
SPACE ABOVE CEILING IS LIMITED, COORDINATE ALL DUCTWORK ROUTING W/ ALL OTHER TRADES PRIOR TO FABRICATION AND INSTALLATION.



KEYED NOTES

1. 24X12 RETURN AIR OPENING ABOVE CEILING.
2. SA & RA DUCT UP TO RTU ON ROOF. TRANSITION TO FULL SIZE OF UNIT OPENING.
3. SUSPEND UNIT FROM STRUCTURE ABOVE WITH SPRING VIBRATION ISOLATORS. PROVIDE FLEXIBLE CONNECTION ON BOTH ENDS WITH GROUNDING STRAPS (SEE DETAIL).
4. RETURN AIR PLENUM FULL SIZE ON UNIT OPENING BY LENGTH SHOWN.
5. BALANCE OUTSIDE AIR DAMPER TO 100 CFM
6. 36X12 RETURN AIR OPENING ABOVE CEILING.
7. PROVIDE 48X30 AND 18X18 ACCESS DOOR IN CEILING FOR UNIT ACCESS. SEE MANUFACTURER FOR ACCESS DOOR LOCATION REQUIREMENTS.

MECHANICAL - 2ND FLOOR PLAN - CITY COUNCIL

SCALE: 1/8" = 1'-0"

0' 4' 8' 16'

SCALE: 1/8" = 1' - 0"

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Project Number :
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WILLIAM ADAM CRANE
NO. 29121
PROFESSIONAL
ENGINEER
12-12-24

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
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23-083

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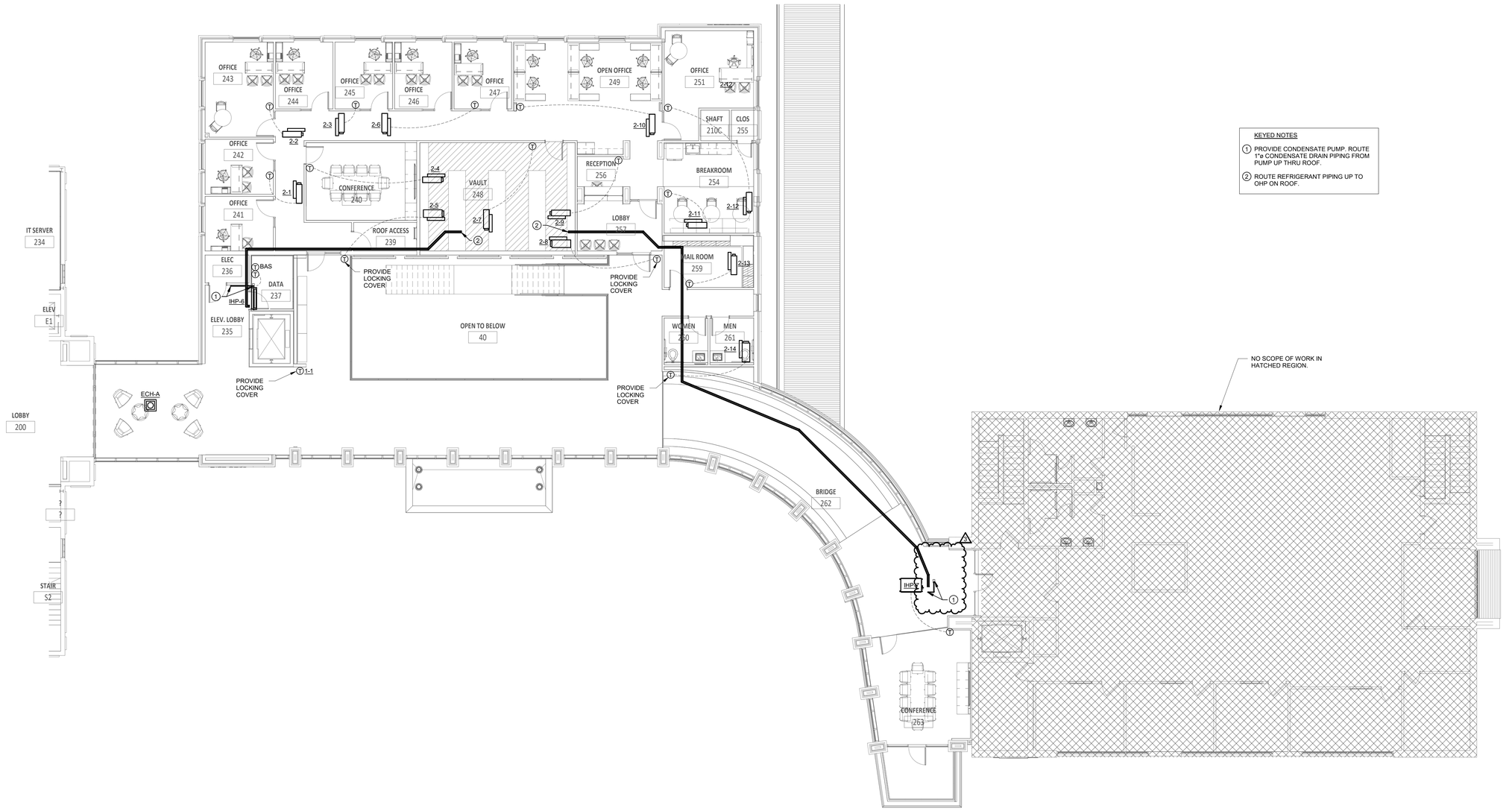
MECHANICAL - 2ND FLOOR PLAN - CITY COUNCIL

SHEET NUMBER:
M-203



KEYED NOTES

1. PROVIDE CONDENSATE PUMP. ROUTE 1"ø CONDENSATE DRAIN PIPING FROM PUMP UP THRU ROOF.
2. ROUTE REFRIGERANT PIPING UP TO OHP ON ROOF.

MECHANICAL PIPING- 2ND FLOOR PLAN - CITY COUNCIL

SCALE: 1/8" = 1'-0"

0' 4' 8' 16'

SCALE: 1/8" = 1' - 0"

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No. 29121
PROFESSIONAL
12-12-24
ENGINEER

GADSDEN CITY HALL
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200 Broad St, Gadsden, AL 35901
23-083

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11-25-2024

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PROJECT NUMBER:

23-083

DRAWING TITLE:

MECHANICAL PIPING - 2ND FLOOR PLAN - CITY COUNCIL

SHEET NUMBER:

M-303

FIRE PROTECTION GENERAL NOTES

1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BID. CONTRACTOR SHALL VERIFY EXACT SIZE, LOCATION, ELEVATION OF EXISTING STRUCTURE, CEILINGS, MECHANICAL, AND ELECTRICAL PRIOR TO INSTALLING ANY NEW PIPE.
2. CONTRACTOR SHALL COORDINATE ALL PIPE ROUTING TO AVOID CONFLICTS WITH ALL STRUCTURAL, ELECTRICAL, AND MECHANICAL FEATURES OF THE BUILDING.
3. ALL HORIZONTAL PIPING IS RUN ABOVE THE CEILING OR IN JOIST SPACE. ALL PIPING SHALL DRAIN DOWN AS REQUIRED BY NFPA 13. PIPING TO BE INSTALLED TO CONCEAL AS MUCH AS POSSIBLE.
4. INSTALL ALL FIRE PROTECTION MATERIALS IN AREAS WITH EXPOSED CEILINGS IN A NEAT FIRST CLASS MANNER. ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH INDUSTRY BEST PRACTICES. PIPING SHALL BE INSTALLED PARALLEL AND/OR PERPENDICULAR TO BUILDING STRUCTURE UNLESS INDICATED OTHERWISE.
5. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING PROJECT ENGINEERS FOR INSPECTION AND TESTING. PROVIDE A MINIMUM OF A WEEK.
6. CONTRACTOR TO REFER TO ARCHITECTURAL DRAWINGS FOR NEW WORK AREAS, CEILING HEIGHTS, SECTIONS, AND RATED WALLS.
7. CONTRACTOR RESPONSIBLE FOR COORDINATION OF PIPING WEIGHT AND LOCATION PRIOR TO INSTALLATION OF ANY PIPE.
8. PIPING LAYOUT AND SIZING SHOWN ON PLANS IS DIAGRAMMATIC AND SHOWN FOR SPACE REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR LAYOUT SHOP DRAWINGS, CALCULATIONS, SUBMITTAL DATA, TESTING, OWNER TRAINING AND CERTIFYING SYSTEM MEETS NFPA 13 AND CONTRACT DOCUMENTS.
9. CONTRACTOR SHALL OBTAIN APPROVAL FROM ARCHITECT PRIOR TO INSTALLING ANY SPRINKLER HEADS DIFFERENT FROM THE SPECIFIED SPRINKLERS HEADS.
10. CONTRACTOR SHALL OBTAIN APPROVAL OF "SPRINKLER HEAD TYPE" FROM ARCHITECT PRIOR TO INSTALLING ANY SPRINKLER HEADS.
11. CONTRACTOR SHALL PAINT ALL EXPOSED PIPING TO MATCH STRUCTURE. COORDINATE EXACT COLOR WITH ARCHITECT.

FIRE PROTECTION HYDRAULIC DEMANDS

1. SPRINKLER PROTECTION
   A. ALL OFFICES, LOBBIES, VESTIBULES, TOILETS, COMMON AREAS, CORRIDORS: LIGHT HAZARD 0.10 GPM OVER HYDRAULICALLY MOST REMOTE 1500 SQ. FT.
   B. MECHANICAL EQUIPMENT ROOMS, TRANSFORMER ROOMS, GENERAL PURPOSE STORAGE LESS THAN 100 SQ. FT.: ORDINARY HAZARD, GROUP 2, 0.20 GPM OVER HYDRAULICALLY MOST REMOTE 2000 SQ. FT.
   C. GENERAL STORAGE, STORAGE HEIGHT LIMIT LESS THAN 12FT, LIMITED COMBUSTIBLES LESS THAN 25 GALLONS: ORDINARY GROUP 1 PER NFPA 13, 0.15 GPM PER 1500 SQ. FT.
2. HYDRAULIC CALCULATION SHALL BE CALCULATED WITH 10% SAFETY FACTOR OF SUPPLY CURVE.
3. FLOW DATA TO BE RESPONSIBILITY OF CONTRACTOR.

FIRE PROTECTION SHOP DRAWINGS AND SUBMITTALS

1. PROVIDE A NFPA 13 COMPLIANT SYSTEM TO PROVIDE COVERAGE TO NEW WORK AREA. CONTRACTOR RESPONSIBLE TO PROVIDE DETAILED SHOP DRAWINGS AND CALCULATIONS COMPLETE.
2. SHOP DRAWINGS SHALL INCLUDE:
   A. A REFLECTED CEILING PLAN INDICATING LOCATION OF SPRINKLER HEADS, LIGHTS, CEILING DEVICES, GRILLES, AUDIO VISUAL, AND ANY DEVICES ATTACHED TO LIFT OUT CEILINGS. ALL SPRINKLER HEADS IN LAY-IN CEILINGS TO BE CENTERED IN TILES. COORDINATE EXACT LOCATION OF SPRINKLER HEADS IN HARD CEILINGS WITH ARCHITECT AND ENGINEER.
   B. PREPARE A WORKING PIPE SHOP DRAWING BASED ON HYDRAULIC CALCULATIONS. THE PIPING DRAWINGS SHALL INDICATE THE ELEVATION OF THE PIPE, THE CONFIGURATION OF THE PIPING AND HANGERS, SIZE OF THE PIPE AND COORDINATION OF PIPING WITH OTHER DISCIPLINES, STRUCTURE AND DUCTWORK.
   C. HYDRAULIC CALCULATIONS ARE TO BE PREPARED USING A FLOW TEST WITHIN 90 DAYS.
   D. THE CONTRACTOR IS RESPONSIBLE FOR INCORPORATING LOCAL AUTHORITY HAVING JURISDICTION COMMENTS FOR COMPLIANCE.
   E. ALL ADDITIONAL MATERIALS TO BE INDICATED ON SHOP DRAWINGS.
   F. ALL LOW-POINT DRAIN DOWN LOCATION AND PENETRATIONS OF BUILDING STRUCTURE TO BE INDICATED ON SHOP DRAWINGS.
3. CONTRACTOR SHALL BE LICENSED IN THE STATE IN WHICH THE WORK IS PREFORMED. THE CONTRACTOR SHALL BE A NICET LEVEL III OR LEVEL IV OR SPECIAL HAZARD SUPPRESSION SYSTEMS. THE NICET LEVEL III DESIGNER SHALL BE AN EMPLOYEE OF FIRE PROTECTION CONTRACTOR.
4. ALL ELECTRICAL FIRE ALARM REQUIREMENTS TO BE COORDINATED WITH THE ELECTRICAL THE FLOW AND TAMPER SWITCHES TO BE PROVIDED UNDER FIRE PROTECTION CONTRACT. CONDUIT, ALARM WIRING AND PROGRAMMING THE RESPONSIBILITY OF THE FIRE ALARM CONTRACT AND SHALL BE COORDINATED WITH ELECTRICAL. NICET LEVEL III DESIGNER SHALL INSPECT PROJECT.
5. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS WITHIN 45 DAYS PRIOR TO THE START OF THE SPRINKLER SYSTEM INSTALLATION.
6. HYDRAULIC CALCULATIONS AND SPRINKLER SHOP DRAWINGS SHALL BE PREPARED UNDER THE SUPERVISION OF AN ENGINEER LICENSED IN THE STATE AND BEAR HIS OR HER SEAL WITH SIGNATURE AND DATE.
7. MAXIMUM DESIGN VELOCITY SHALL BE 30 FEET PER SECOND.

FIRE PROTECTION DESIGN ANALYSIS

REFER TO ARCHITECTURAL PLANS FOR COMPLIANCE NFPA 101
TYPE OF CONSTRUCTION: REFER TO ARCHITECTURAL

OCCUPANCY: REFERENCE ARCHITECTURAL LIFE SAFETY PLAN

FIRE DESIGN CODES /STANDARDS

APPLICABLE CODES AND STANDARDS:
INTERNATIONAL BUILDING CODE (IBC)
INTERNATIONAL FIRE CODE (IFC)
INTERNATIONAL PLUMBING CODE (IPC)
NATIONAL ELECTRIC CODE (NEC)
NATIONAL FIRE ALARM CODE NFPA 72
NATIONAL ENERGY CODE
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 13,20,24,101

FIRE PROTECTION FLOW DATA

HYDRANT NUMBER: UNKNOWN
STATIC PRESSURE: 70 PSI
RESIDUAL PRESSURE: 65 PSI

OUTLET COEFFICIENT: UNKNOWN
OUTLET SIZE: UNKNOWN
HYDRANT FLOW: 1245 GPM

AVAILABLE GPM@ 20 PSI: 12450 GPM

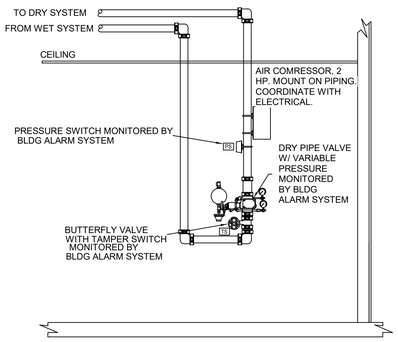
DATE OF TEST: UNKNOWN
LOCATION: UNKNOWN

CONTRACTOR RESPONSIBLE FOR
WATER FLOW TEST

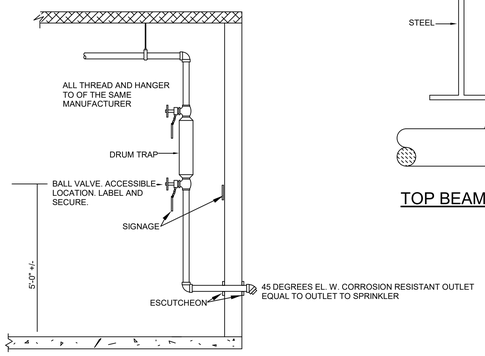
FIRE PROTECTION LEGEND

FIRE MAIN (F)	F — F
FIRE DRAIN LINE	FD — FD
BALL VALVE	
OS&Y VALVE (WITH TAMPER SWITCH)	TS — COORDINATE WITH ELECTRICAL FIRE ALARM SIGNAL TO BUILDING ALARM PANEL
FLOW SWITCH	FS — COORDINATE WITH ELECTRICAL FIRE ALARM SIGNAL TO BUILDING ALARM PANEL
	PIPE DOWN
	PIPE UP
GPM	GALLONS PER MINUTE
PSI	POUNDS PER SQUARE INCH
(S)P	FULLY RECESSED PENDENT SPRINKLER HEAD (PENDENT HEADS SHALL BE WHITE W/ WHITE ESCUTCHEON UNLESS APPROVED BY ARCHITECT)
(S)C	CONCEALED PENDENT SPRINKLER HEAD (COVER SHALL BE FACTORY PAINTED W/ COLOR APPROVED BY ARCHITECT)
(S)U	UPRIGHT SPRINKLER HEAD
KS	SIDEWALL SPRINKLER HEAD
(S)DU	DRY UPRIGHT SPRINKLER HEAD
	CONNECT TO EXISTING, FIELD VERIFY EXACT LOCATION, SIZE,

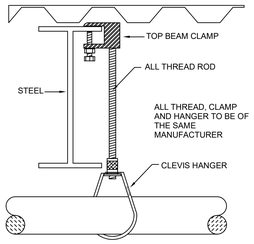
ARCHITECT TO SELECT COLORS ON ALL SPINKLER HEADS



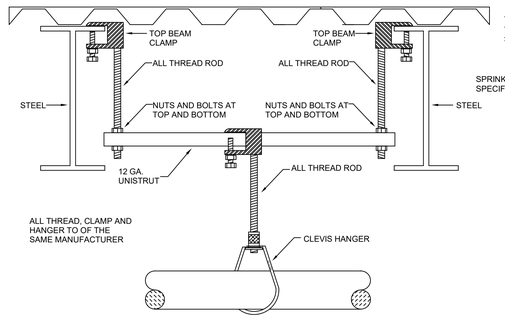
DRY PIPE VALVE ASSEMBLY DETAIL
NO SCALE



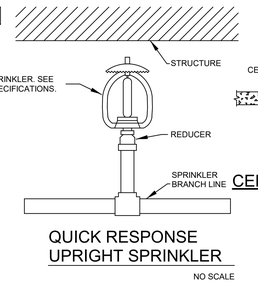
LOW POINT DRAIN DOWN W/ DRUM TRAP DETAIL
NO SCALE



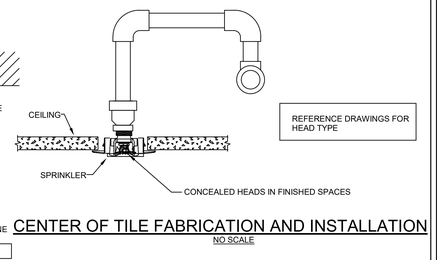
TOP BEAM CLAMP DETAIL
NO SCALE



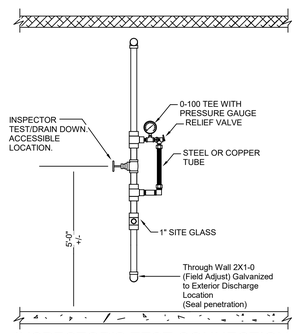
TRAPEZE HANGER DETAIL - UNISTRUT
NO SCALE



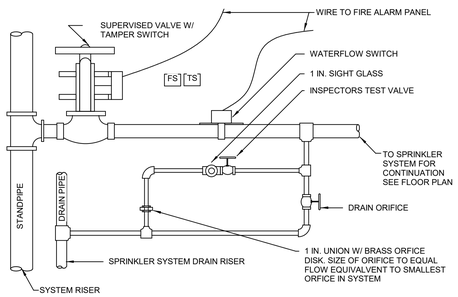
QUICK RESPONSE UPRIGHT SPRINKLER
NO SCALE



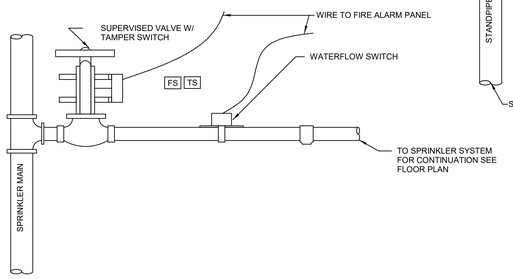
CENTER OF TILE FABRICATION AND INSTALLATION
NO SCALE



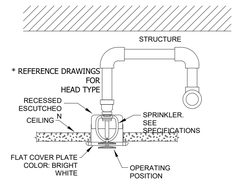
INSPECTOR'S TEST CONNECTION
NO SCALE



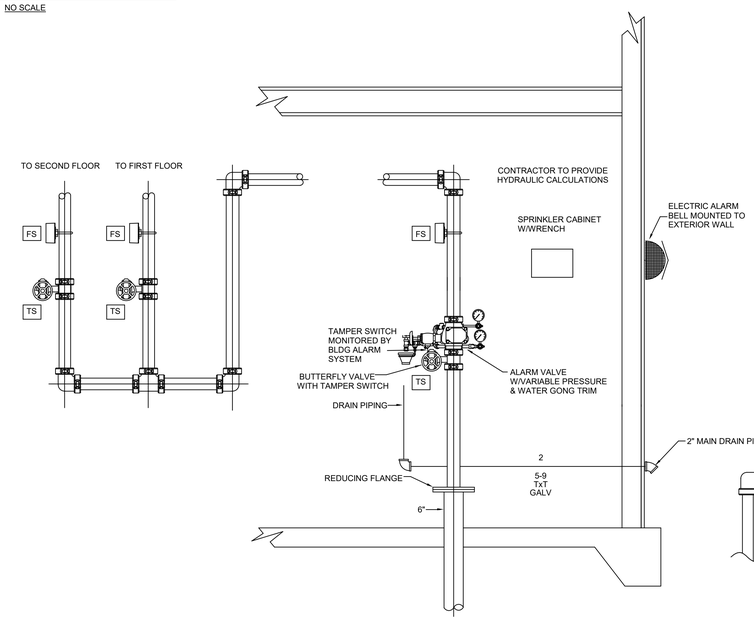
DETAIL OF FLOOR CONTROL FIRE SPRINKLER CONNECTIONS
NO SCALE



DETAIL OF ZONE VALVE/ELEVATOR FLOW AND TAMPER
NO SCALE



QUICK RESPONSE CONCEALED SPRINKLER
NO SCALE



FIRE SERVICE ENTRY - BUILDING
NO SCALE

Dewberry
2 Riverchase Office Plaza
Suite 206
Hoover, AL 35244
(205) 988-2069
www.dewberry.com

Project Number :
12-12-24

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum #3

PROJECT NUMBER:
23-083

DRAWING TITLE:
FIRE PROTECTION SCHEDULES AND DETAILS

SHEET NUMBER:
FP-001

GENERAL NOTES

1. LOCATIONS OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE. VERIFY WITH LOCAL UTILITY PRIOR TO BIDDING.
2. CONTRACTOR SHALL VERIFY EXACT LOCATION, SIZE, AND ELEVATION OF ALL EXISTING SERVICES PRIOR TO INSTALLING ANY NEW PIPE.
3. ALL OUTSIDE CLEANOUTS SHALL BE BROUGHT TO GRADE AND EMBEDDED IN 18"X18"X16" THICK CONCRETE PAD. (J.R. SMITH 4258 OR EQUAL.)
4. WHEREVER DISSIMILAR METALS ARE CONNECTED ON WATER LINES, A DIELECTRIC UNION SHALL BE USED.
5. ALL HORIZONTAL WATER AND VENT PIPING SHALL BE RUN ABOVE CEILING ON PLAN WHERE SHOWN UNLESS OTHERWISE NOTED.
6. ALL HORIZONTAL SANITARY PIPING IS RUN BELOW FLOOR ON PLAN WHERE SHOWN UNLESS OTHERWISE NOTED.
7. ALL WATER PIPING BELOW SLAB ON GRADE SHALL BE BENT UP AT ENDS SO THAT NO JOINTS OCCUR BELOW FLOOR.
8. COORDINATE ALL PIPE ROUTING TO AVOID CONFLICTS WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL FEATURES OF BUILDING.
9. ALL WALL HYDRANTS AND HOSE BIBBS SHALL BE MOUNTED 24" ABOVE FINISH GRADE OF FINISH FLOOR UNLESS OTHERWISE NOTED.
10. ALL WATER PIPING INSTALLED IN EXTERIOR WALLS SHALL BE LOCATED ON THE INTERIOR SIDE OF THE EXTERIOR WALL INSULATION.
11. NO VENT THRU ROOF IS TO BE LOCATED WITHIN 10 FEET OF ANY BUILDING AIR INTAKES, PER CODE. COORDINATE WITH MECHANICAL AND GENERAL CONTRACTORS.
12. DOMESTIC WATER PIPING AND FIRE PROTECTION PIPING LOCATED ABOVE THE CEILING, SHALL BE INSTALLED BELOW CEILING INSULATION.
13. CONTRACTOR SHALL COORDINATE MECHANICAL FLOOR DRAIN LOCATIONS WITH MECHANICAL EQUIPMENT PRIOR TO INSTALLATION.
14. CONTRACTOR SHALL PROVIDE SHOCK ARRESTORS ON ALL BRANCH LINES.
15. CONTRACTOR SHALL COORDINATE ALL SINKS WITH CASEWORK PRIOR TO ORDERING SINKS.
16. DOMESTIC WATER PIPING SHALL NOT BE INSTALLED IN EXTERIOR WALLS.
17. PROVIDE DISINFECTION OF WATER PIPING SYSTEM WITH CHLORINE SOLUTION AS PER CODE.
18. INSTALLATION OF BACKFLOW PREVENTER SHALL COMPLY WITH CURRENT INTERNATIONAL BUILDING CODE AND CURRENT INTERNATIONAL PLUMBING CODE.
19. ALL INDIRECT DRAINS TO HAVE INSULATED DEEP SEAL P-TRAPS.
20. ALL FLOOR DRAINS AND INDIRECT DRAINS TO HAVE INSULATED DEEP SEAL P-TRAPS WITH TRAP SEAL PROTECTION AS APPROVED BY LOCAL AUTHORITY.
21. ALL WALL HYDRANTS TO BE FREEZE PROOF AND TO HAVE VACUUM BREAKERS.
22. INSULATION ON ALL PIPING SHALL MEET SMOKE/ FLAME RATING OF 25 & 50.
23. THE LOCATION OF LAVATORIES AND WATER CLOSETS RELATIVE TO THE FINISHED WALL IS CRITICAL. REFER TO ARCHITECTURAL AND THE SPECIFICATIONS FOR ADDITIONAL INFORMATION. ALL WATER CLOSETS TO BE 18" FROM FINISH WALL TO CENTER OF WATER CLOSET.
24. WATER HAMMER ARRESTORS ARE REQUIRED TO PROTECT WATER PIPING SYSTEMS WHERE QUICK-CLOSING VALVES ARE UTILIZED. WATER HAMMER ARRESTORS SHALL CONFORM TO ASSE 1010.
25. THESE DRAWINGS NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS, COMPLETELY COORDINATED WITH ALL DISCIPLINES. ALL PARAMETERS GIVEN IN THESE DOCUMENTS SHALL BE STRICTLY CONFORMED WITH ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE PLUMBING SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE PROJECT, CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.
26. COORDINATE PLUMBING PIPING WITH STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL. MAKE OFFSETS AND TRANSITIONS TO COORDINATE WITH OTHER TRADES WITHOUT ANY ADDITIONAL COST TO THE PROJECT.
27. COORDINATE ALL PLUMBING IN SLAB WITH BUILDING FOOTINGS.
28. NO PIPING TO BE RUN ABOVE ELECTRICAL PANELS. MAINTAIN ALL REQUIRED CLEARANCES.
29. CONTRACTOR SHALL VISIT JOB SITE AND VERIFY EXISTING CONDITIONS BEFORE SUBMITTING A PRICE, ORDERING MATERIALS OR PERFORMING ANY WORK. NOTIFY THE ARCHITECT OF ANY DEVIATION FROM PLUMBING PLAN.
30. MAINTAIN A MAXIMUM OF 55 PSIG WATER PRESSURE AT PLUMBING FIXTURES, CONSISTENT WITH ADEQUATE FLOW RATES.
31. SUPPORT PIPE AS REQUIRED BY THE CURRENT INTERNATIONAL PLUMBING CODE.
32. ALL FOOTINGS AT PLUMBING CHASE WALLS SHALL BE MIN 24" BELOW FINISHED GRADE TO COORDINATE WITH WASTE PIPING IN SLAB.
33. FIRESTOP ALL RATED WALL AND FLOOR PENETRATIONS. SEE ARCHITECTURAL DRAWINGS FOR RATED WALL AND FLOOR LOCATIONS.
34. DO NOT BEGIN WORK UNTIL ELEVATION OF FINAL CONNECTION POINT IS VERIFIED AND GRADING OF ENTIRE SYSTEM CAN BE DETERMINED (EVEN IF FINAL CONNECTION IS SPECIFIED UNDER ANOTHER SECTION).

PLUMBING LEGEND

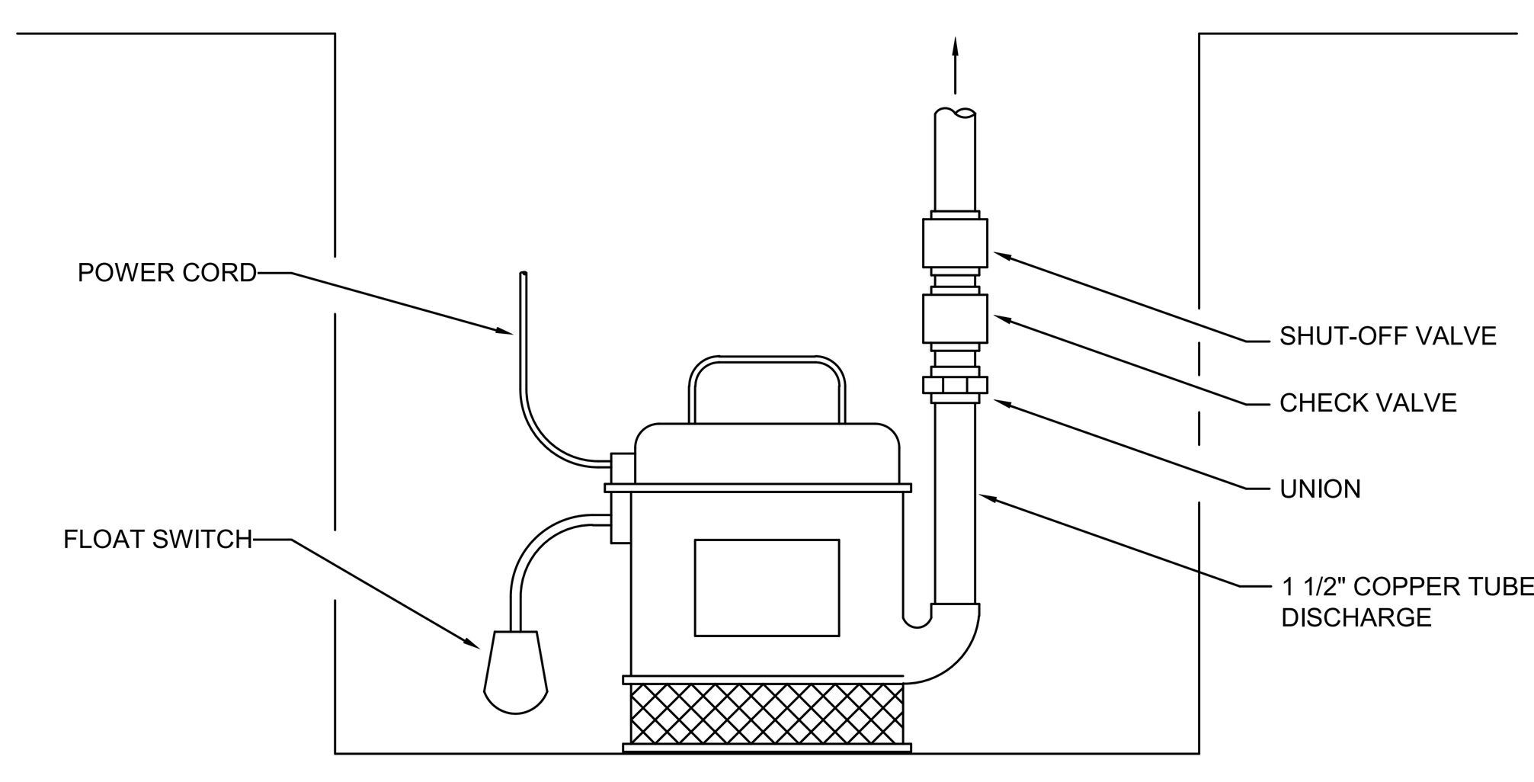
(line symbol)	DOMESTIC COLD WATER	ABV	ABOVE
(line symbol)	DOMESTIC HOT WATER SUPPLY	AFF	ABOVE FINISHED FLOOR
(line symbol)	DOMESTIC HOT WATER RETURN	BFP	BACKFLOW PREVENTER
— S —	STORM	BFF	BELOW FINISHED FLOOR
(line symbol)	SOIL, WASTE, OR SANITARY SEWER	CW	COLD WATER
(line symbol)	VENT	DN	DOWN
(symbol)	PIPE TURNING DOWN	WH - #	WATER HEATER
(symbol)	PIPE TURNING UP	GPH	GALLONS PER HOUR
(symbol)	TEE DOWN	GPM	GALLONS PER MINUTE
(symbol)	TEE UP	HW	HOT WATER
(symbol)	UNION	HWR	HOT WATER RETURN
(symbol)	BALANCE VALVE	TYP	TYPICAL
(symbol)	BALL VALVE	VS	VENT STACK
(symbol)	CHECK VALVE	VSTR	VENT THROUGH ROOF
(symbol)	PRESSURE REDUCING VALVE	WS	WASTE STACK
PRV	PRESSURE RELIEF VALVE	EX	EXISTING
RPZ BFP	REDUCED PRESSURE ZONE BFP	WHA	WATER HAMMER ARRESTOR
(symbol)	CAP ON END OF PIPE	(symbol)	CONNECT TO EXISTING
P-#	PLUMBING FIXTURE	#	RISER NUMBER
CO	CLEANOUT		

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	WASTE	CW	HW	REMARKS
DSN	DOWNSPOUT NOZZLE	SEE PLAN	-	-	J.R. SMITH #1770 DOWNSPOUT NOZZLE. COORDINATE EXACT LOCATION WITH ARCHITECT.
FD	FLOOR DRAIN	3"	-	-	J.R. SMITH #2010 WITH 6" ROUND NICKEL BRONZE GRATE. PROVIDE WITH J.R. SMITH TRAP INSERT.
MFD	MECHANICAL FLOOR DRAIN	3 SEE PLAN"	-	-	J.R. SMITH #2242 WITH SEDIMENT BUCKET. PROVIDE WITH J.R. SMITH TRAP INSERT.
OD	OVERFLOW DRAIN	4"	-	-	J.R. SMITH #1080, COMPLETE WITH SUMP RECEIVER, UNDER DECK CLAMP, 2" EXTERNAL DAM, AND CAST IRON OR ALUMINUM DOME.
P-1	WATER CLOSET - ADA COMPLIANT	4"	1"	-	WALL HUNG - KOHLER K-4325 COMPLETE, SLOAN 111 SFSM BATTERY SENSOR FLUSH VALVE WITH TRUE MECHANICAL OVERRIDE WITH YJ BRACKET, CHURCH "DURA GUARD" MODEL #2155SSCT SEAT, AND J.R. SMITH SERIES 100 OR 200 CARRIER AND FITTING. MOUNT WITH RIM AT 17" ABOVE FINISH FLOOR. MUST MEET A.D.A.
P-2	WATER CLOSET	4"	1"	-	WALL HUNG - KOHLER K-4325 COMPLETE, SLOAN 111 SFSM BATTERY SENSOR FLUSH VALVE WITH TRUE MECHANICAL OVERRIDE WITH YJ BRACKET, CHURCH "DURA GUARD" MODEL #2155SSCT SEAT, AND J.R. SMITH SERIES 100 OR 200 CARRIER AND FITTING.
P-4	URINAL - ADA COMPLIANT	3"	1"	-	WALL MOUNTED-KOHLER K-5016-ET COMPLETE, K-9183 STAINLESS STEEL STRAINER, J.R. SMITH #623 FIXTURE SUPPORT, AND SLOAN #186-SFSM BATTERY SENSOR FLUSH VALVE WITH TRUE MECHANICAL OVERRIDE WITH YJ BRACKET. SET LIP 17" AFF.
P-5	URINAL	3"	1"	-	WALL MOUNTED-KOHLER K-5016-ET COMPLETE, K-9183 STAINLESS STEEL STRAINER, J.R. SMITH #623 FIXTURE SUPPORT, AND SLOAN #186-SFSM BATTERY SENSOR FLUSH VALVE WITH TRUE MECHANICAL OVERRIDE WITH YJ BRACKET.
P-6	LAVATORY	1 1/2"	1/2"	1/2"	COUNTERTOP - KOHLER K-2196-4 COMPLETE, SLOAN EFX-250 BASYS BATTERY POWERED DECK MOUNTED FAUCET, MCGUIRE #8872 P-TRAP. MCGUIRE 165 SUPPLIES WITH STOPS. INSULATE ALL WITH "PRO-WRAP" BY MCGUIRE. PROVIDE LAWLER 570 MIXING VALVE MOUNTED BELOW LAVATORY UNLESS OTHERWISE NOTED ON THE DRAWINGS.
P-7	WATER COOLER - ADA COMPLIANT	1 1/2"	1/2"	-	ELKAY # EZSTL8WSSK BI-LEVEL WATER COOLER WITH BOTTLE FILLER STATION. COMPLETE WITH STAINLESS STEEL CABINET AND WATERWAYS THAT ARE MANUFACTURED OF 100% LEAD FREE MATERIAL, J.R. SMITH #834 FIXTURE SUPPORT EBC TA150 P-TRAP AND EBC LA10 STOP WITH SUPPLY. FULLY INSULATE P-TRAP WITH EBC IK INSULATOR. INSTALL WITH LOWER SPOUT OUTLET MAXIMUM 36" AFF. MUST MEET A.D.A. INSTALL WITH BOTTLE FILLER. INSTALL COMPLETE. PROVIDE WITH ELKAY MODEL #LKAPREZL CANE APRON AS REQUIRED.
P-8	SINK	1 1/2"	1/2"	1/2"	ELKAY LRAD-2219 DRAIN OFFSET TO BACK, LK-35 STRAINER, CHICAGO FAUCET #786-FC RIGID FAUCET, MCGUIRE #1912 P-TRAP AND #165 STOPS WITH SUPPLIES.
P-9	MOP SINK	3"	1/2"	1/2"	STERN WILLIAMS #SBC-1700 (24" X 24") COMPLETE, T-35 HOSE WITH WALL HOOK, STAINLESS STEEL BACKSPLASH AND CHICAGO FAUCET #897 FAUCET.
P-10	REF. ICE MAKER BOX	-	1/2"	-	FURNISHED AND INSTALLED UNDER ANOTHER SECTION. PROVIDE IN WALL BEHIND REFRIGERATOR A GUY GRAY MODEL "B" 16 GAUGE ALL METAL BOX LESS DRAIN AND SUPPLIES. PROVIDE IN BOX A 1/2" BALL VALVE WITH 10 FEET OF 1/4" SOFT COPPER COILED IN BOX FOR CONNECTION TO REFRIGERATOR ICE MAKER.
P-11	DRAIN BOX	1 1/2"	-	-	PROVIDE A SIOUX CHIEF MODEL #696-3F DRAIN BOX, #696-LC LOUVERED COVER, #696-CF SECONDARY DRAINAGE FUNNEL, AND J.R. SMITH TRAP SEAL INSERT. BOX TO COME COMPLETE WITH WALL FLANGE AND LOUVER. COORDINATE WITH MECHANICAL TO RECEIVE CONDENSATE WASTE. COORDINATE EXACT MOUNTING HEIGHT AND LOCATION WITH ARCHITECT.
RD	ROOF DRAIN	3 SEE PLAN	-	-	J.R. SMITH #1011, COMPLETE WITH SUMP RECEIVER AND UNDER DECK CLAMP, AND CAST IRON OR ALUMINUM DOME. PROVIDE 4" HIGH, 1/16: THICK PERFORATED STAINLESS STEEL GRAVEL TRAP AROUND DOME.
RH	ROOF HYDRANT	-	3/4"	-	JR SMITH #5906-H WITH DRAIN TUBE PIPED TO NEAREST DRAIN. DRAIN PIPE TO BE COPPER TO THE NEAREST DRAIN OR JANITORS RECEPTOR.
SP-1	SUMP PUMP	1 1/2"	-	-	WEIL 2" SERIES 1413 SUMP PUMP COMPLETE WITH 8245 PIGGYBACK FLOAT SWITCH. 50 GPM AT 15 FT. HD.; 1/2 HP, 115/1/60.
WH	WALL HYDRANT	-	3/4"	-	J.R. SMITH #5509-QT, WITH INTEGRAL BACKFLOW PREVENTER, LATCHING COVER, FREEZE-PROOF AND OF PROPER LENGTH FOR WALL IN WHICH INSTALLED, ALL BRONZE BOX. VALVE SEAT MUST BE ON BUILDING SIDE OF EXTERIOR WALL INSULATION. INSTALL WITH CENTER LINE 24" ABOVE FINISH GRADE. PROVIDE OWNER WITH ONE (1) LOOSE KEY FOR EACH WALL HYDRANT.

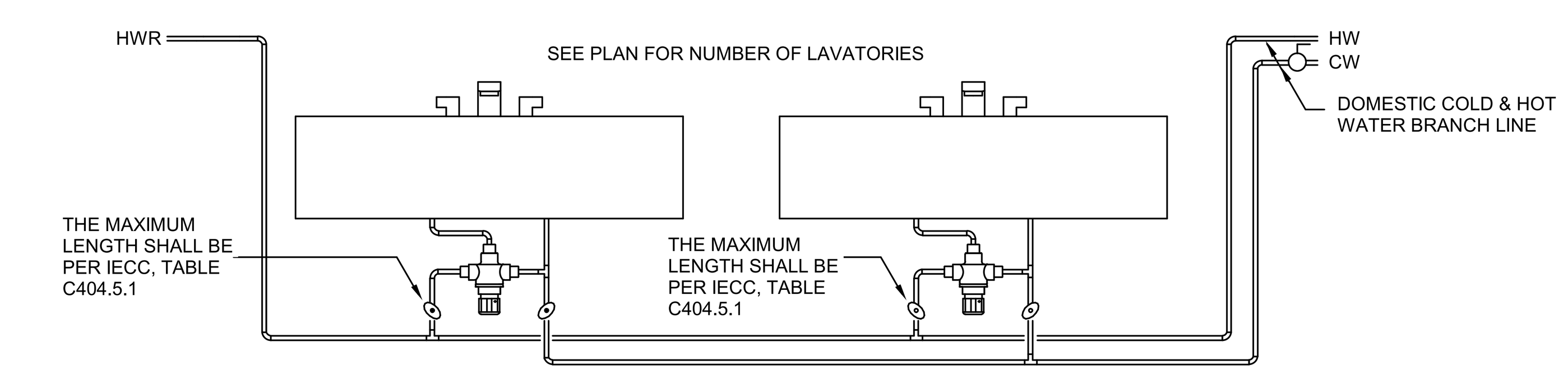
WATER HEATER SCHEDULE

MARK	FIXTURE	ELEC INFO.	REMARKS
CP-1CC	CIRCULATION PUMP	1/12 HP, 115/1/60	ARMSTRONG COMPASS. PROVIDE WITH TIMER AND AQUASTAT EQUAL TO HONEYWELL L6006A.
CP-2CH	CIRCULATION PUMP	1/12 HP, 115/1/60	ARMSTRONG COMPASS. PROVIDE WITH TIMER AND AQUASTAT EQUAL TO HONEYWELL L6006A.
ET-1CC	EXPANSION TANK	-	AMTROL THERM - X-TROL #ST-5 EXPANSION TANK, PRE-CHARGED, WELDED STEEL CONSTRUCTION. ISOLATION BETWEEN WATER AND AIR SHALL BE BY A BUTYL DIAPHRAM.
ET-2CH	EXPANSION TANK	-	AMTROL THERM - X-TROL #ST-5 EXPANSION TANK, PRE-CHARGED, WELDED STEEL CONSTRUCTION. ISOLATION BETWEEN WATER AND AIR SHALL BE BY A BUTYL DIAPHRAM.
WH-1CC	ELECTRIC WATER HEATER	208V, 3 PHASE, 4.5 KW	LOCHINVAR EST040KD, 40 GALLON STORAGE, 19 GALLON RECOVERY AT 100°F RISE. NEW P&T RELIEF VALVE. SET OUTLET TEMPERATURE AT 130°F. INSTALL AS DETAILED ON DRAWINGS. VERIFY VOLTAGE WITH ELECTRICAL SECTION.
WH-2CH	ELECTRIC WATER HEATER	208V, 3 PHASE, 4.5 KW	LOCHINVAR EST040KD, 40 GALLON STORAGE, 19 GALLON RECOVERY AT 100°F RISE. NEW P&T RELIEF VALVE. SET OUTLET TEMPERATURE AT 130°F. INSTALL AS DETAILED ON DRAWINGS. VERIFY VOLTAGE WITH ELECTRICAL SECTION.



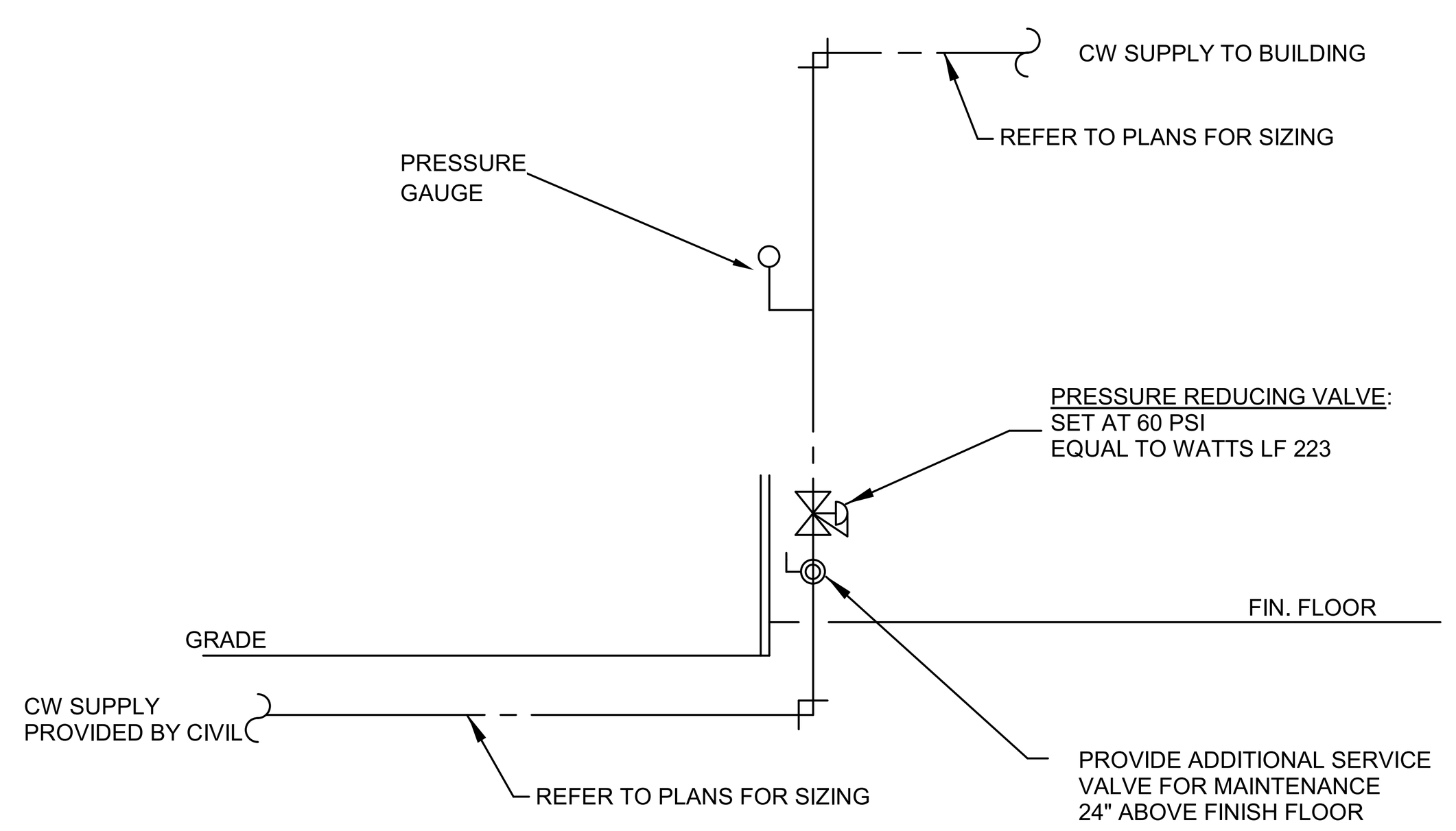
DETAIL OF PIPING AT SUMP PUMP

NO SCALE



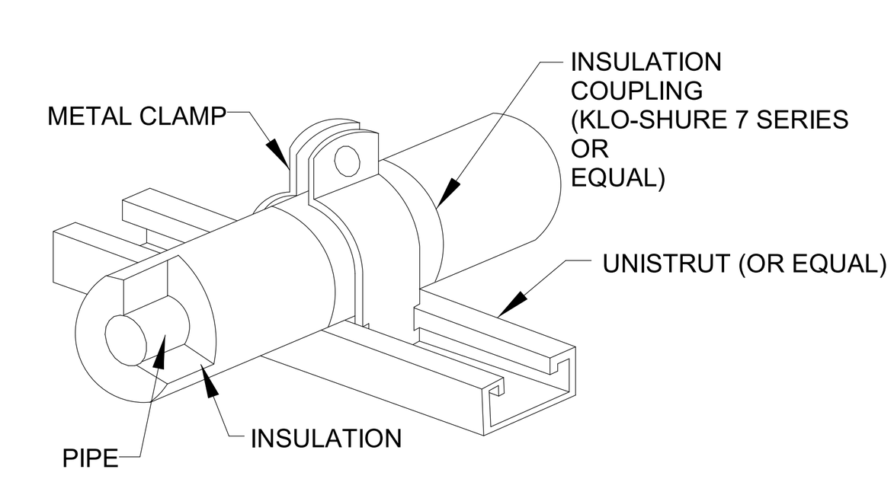
PUBLIC LAVATORY SUPPLY DETAIL

NO SCALE



DETAIL OF WATER ENTRY

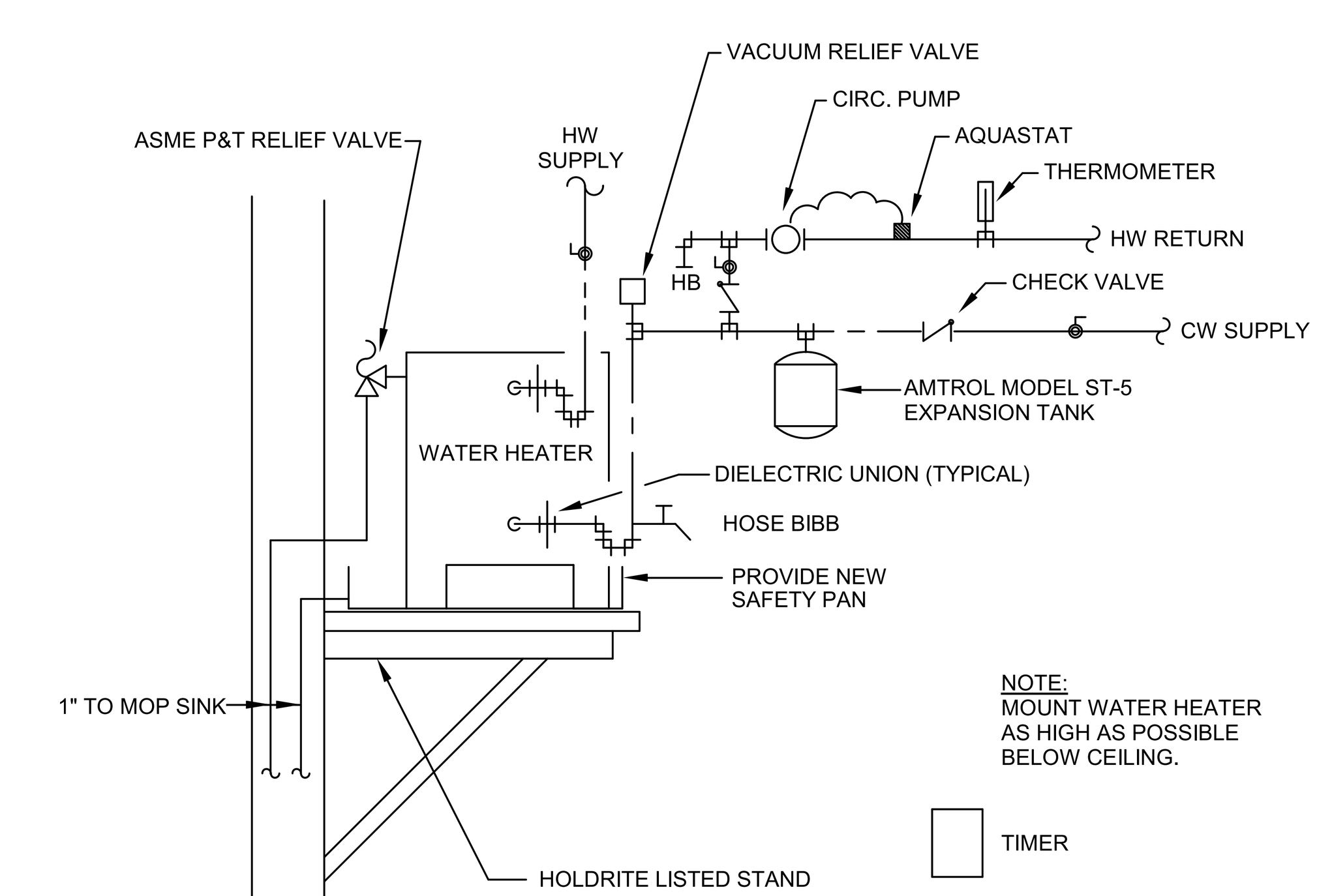
NO SCALE



NOTES:
1. APPLICATION: FOR STRUT MOUNTED, 4 INCH AND SMALLER, COFFEE PIPE WITH FOAMED PLASTIC (ARMAFLEX) OR FIBERGLASS INSULATION.
2. ALLOWED FOR HORIZONTAL OR VERTICAL INSTALLATION.
3. FOR COLD PIPE APPLICATION, APPLY ADHESIVE TO END OF FOAMED PLASTIC INSULATION PRIOR TO INSERTING INTO COUPLING.

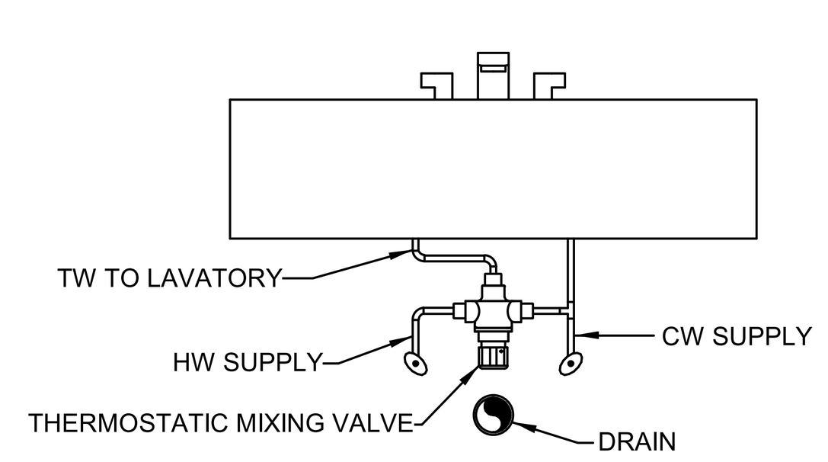
STRUT-MOUNTED PIPING SUPPORT INSULATION COUPLING DETAIL

NO SCALE



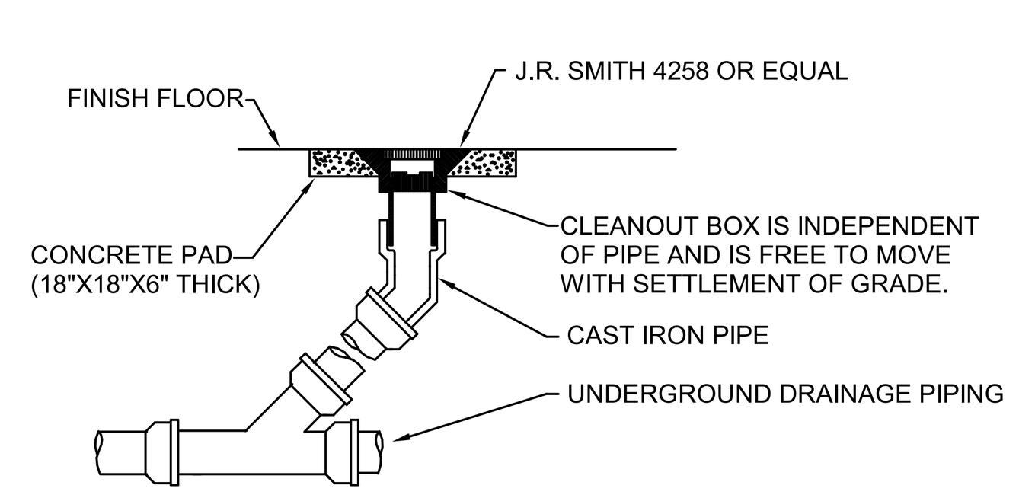
DETAIL OF PIPING AT WATER HEATER WH-CC1, WH-CH2

NO SCALE



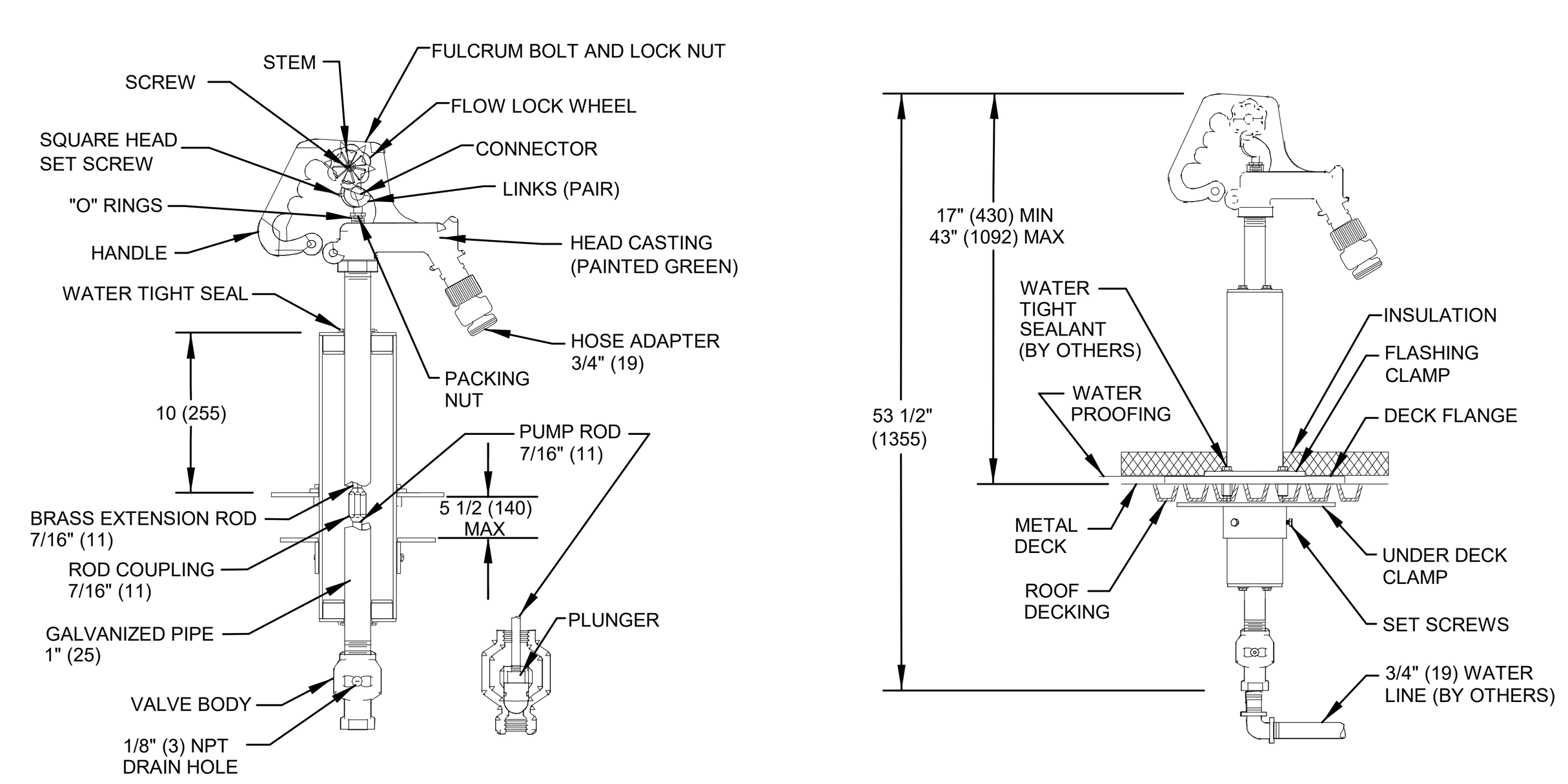
DETAIL OF TMV BELOW LAVATORY

NO SCALE



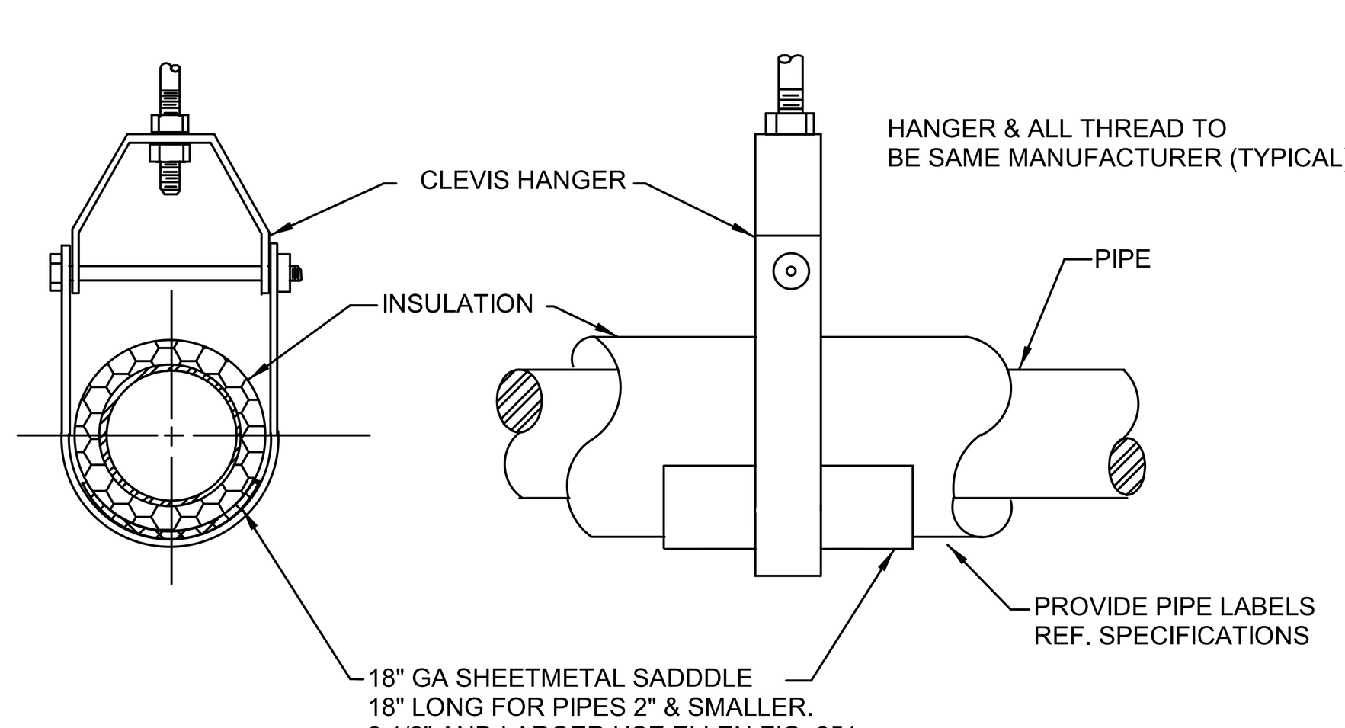
DETAIL OF CLEANOUT TO GRADE

NO SCALE



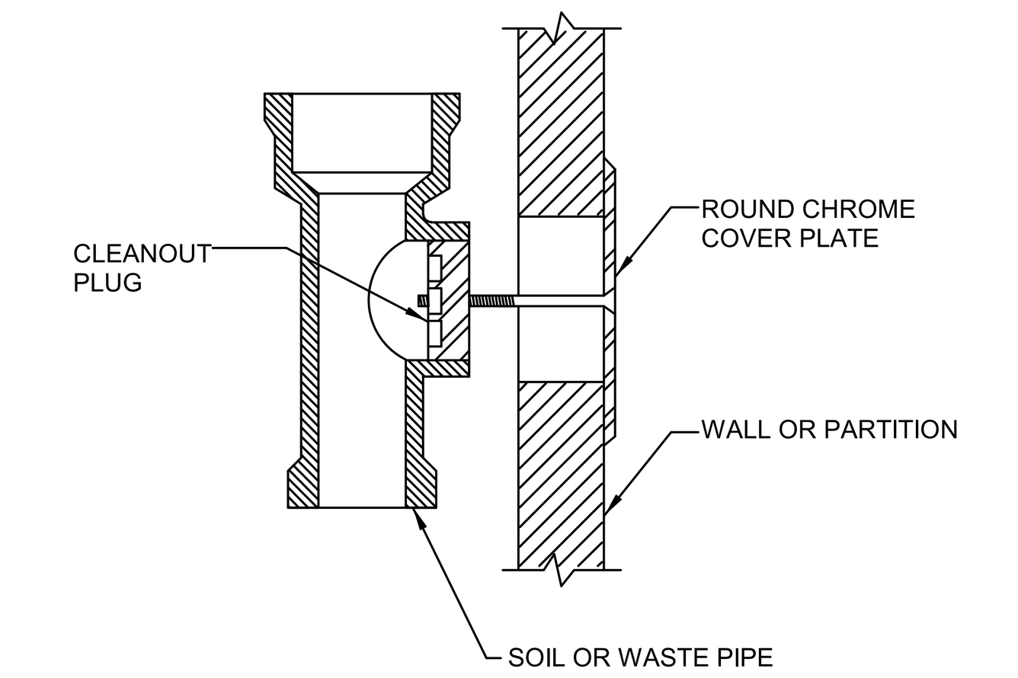
DETAIL OF ROOF HYDRANT

NO SCALE



SUSPENDED PIPE SUPPORT

NO SCALE



WALL CLEANOUT

NO SCALE

Dewberry

2 Riverchase Office Plaza
Suite 205
Hoover, AL 35244
(205) 988-2069
www.dewberry.com

Project Number :
50181599

ALABAMA LICENSED No. 29121 PROFESSIONAL 12-12-24 ENGINEER WILLIAM ADAM CONE

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum #3

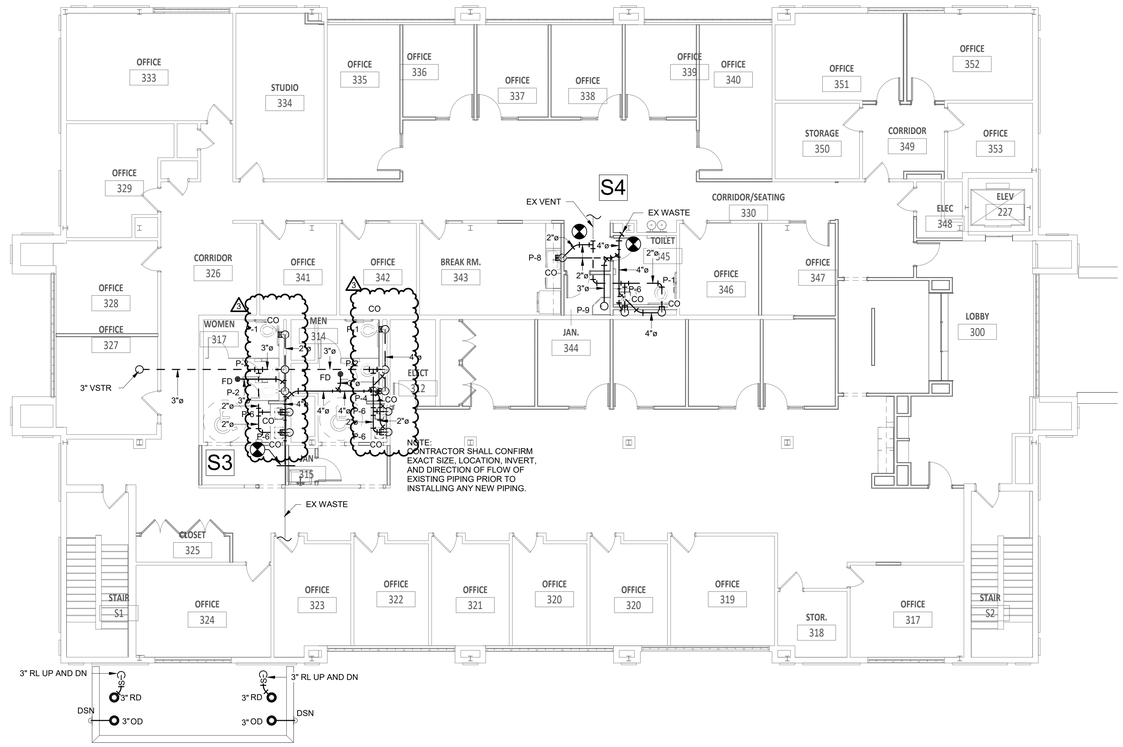
PROJECT NUMBER:
23-083

DRAWING TITLE:
PLUMBING SCHEDULES AND NOTES

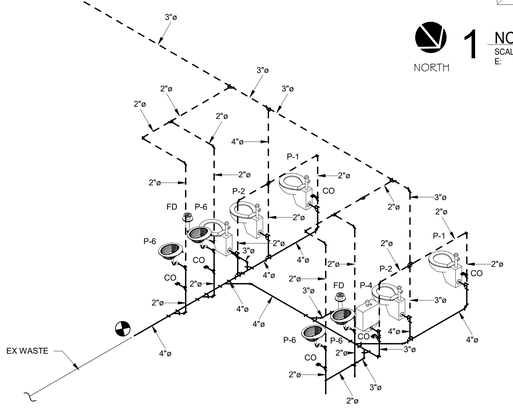
SHEET NUMBER:
P-001

Dewberry
2 Riverchase Office Plaza
Suite 206
Hoover, AL 35244
(205) 988-2069
www.dewberry.com

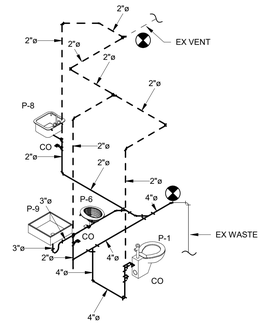
Project Number :
50181599



1 NON-PRESSURE PIPING - 3RD FLOOR PLAN - CITY HALL
SCALE: 1/8" = 1'-0"
NORTH



SANITARY RISER - S3



SANITARY RISER - S4

NON PRESSURE KEY NOTES

1. CONNECT TO EX WASTE AND VENT IN WALL.
2. CONNECT TO EX WASTE BELOW FLOOR.
3. CONNECT TO EXISTING WASTE BELOW FLOOR. CONTRACTOR SHALL MODIFY EXISTING ROUGH-IN AS REQUIRED TO ACCOMMODATE NEW FIXTURE.
4. CONNECT TO EXISTING WASTE AND VENT IN CHASE. CONTRACTOR SHALL MODIFY EXISTING ROUGH-IN AS REQUIRED TO ACCOMMODATE NEW FIXTURE.
5. CONNECT TO EXISTING VENT IN CEILING

PLUMBING GENERAL NOTES

1. (GENERAL) DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT REPRESENT EXACT CONDITIONS REQUIRED FOR INSTALLATION OF PLUMBING SYSTEMS. CONTRACTOR SHALL COORDINATE ALL NEW WORK WITH ARCHITECTURAL PLANS AS WELL AS OTHER TRADES PRIOR TO FABRICATION OR INSTALLATION OF PLUMBING SYSTEMS OR EQUIPMENT. FURNISH AND INSTALL ALL OFFSETS OR TRANSITIONS AS REQUIRED FOR COMPLETION OF WORK.
2. PLUMBING CONTRACTOR SHALL COORDINATE EXACT LOCATION OF PLUMBING SYSTEM WITH ARCHITECTURAL PLANS, MECHANICAL SYSTEMS, FIRE PROTECTION SYSTEMS, ELECTRICAL SYSTEMS, CIVIL AND STRUCTURAL SYSTEMS.
3. PLUMBING SYSTEM CONTRACTOR SHALL COORDINATE PLUMBING SYSTEM WITH DUCTWORK, ELECTRICAL, AND STRUCTURAL. SPACE ABOVE CEILING IS LIMITED AND CAREFUL COORDINATION WITH OTHER TRADES IS REQUIRED.
4. PLUMBING SYSTEM CONTRACTOR SHALL FURNISH AND INSTALL COMPLETE. COORDINATE EXACT LOCATION OF ALL RATED OPENINGS WITH ARCHITECTURAL PLANS.

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

NORTH

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum #3

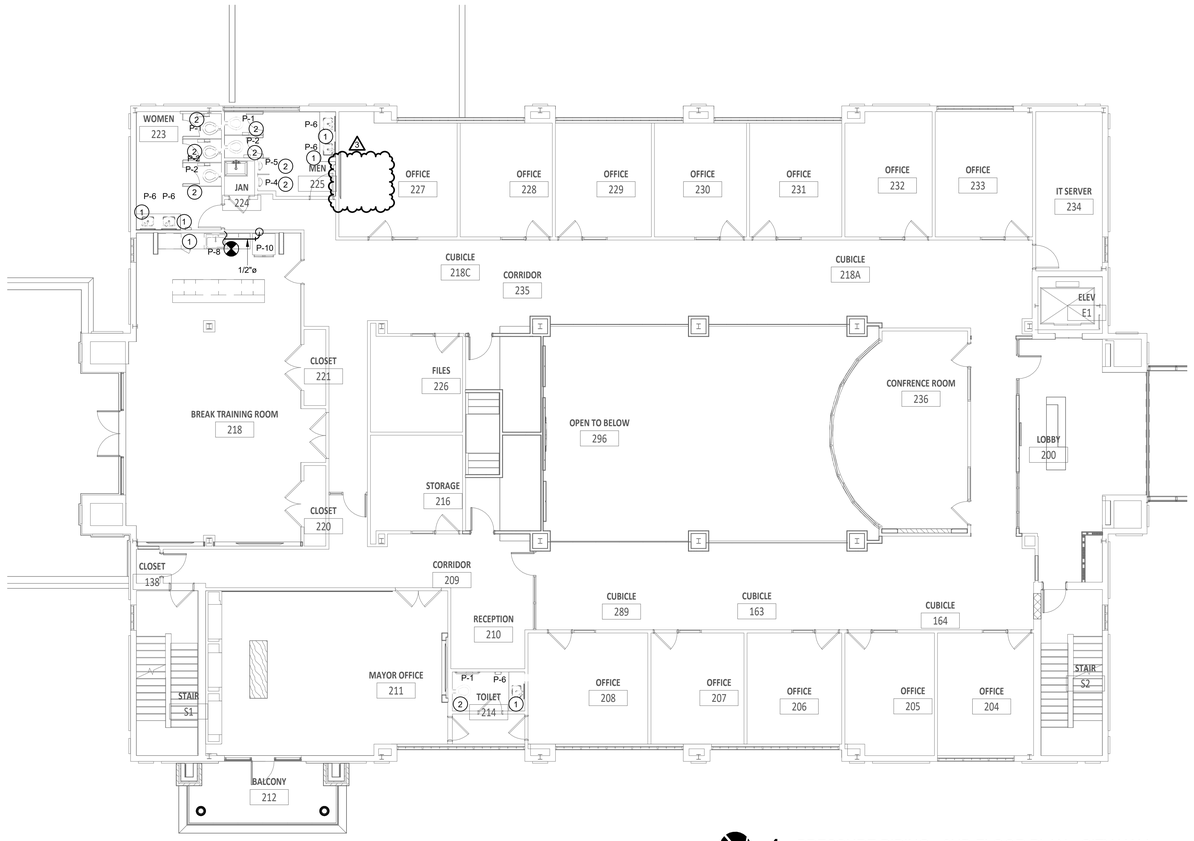
PROJECT NUMBER:
23-083

DRAWING TITLE:
NON-PRESSURE PIPING - 3RD FLOOR PLAN - CITY HALL

SHEET NUMBER:
P-202

Dewberry
2 Riverchase Office Plaza
Suite 206
Hoover, AL 35244
(205) 988-2069
www.dewberry.com

Project Number :
12-12-24
50181599



1 PRESSURE PIPING - 2ND FLOOR PLAN - CITY HALL
SCAL 1/8" = 1'-0"
E:

PRESSURE KEY NOTES

1. CONNECT TO HW AND CW IN WALL.
2. CONNECT TO CW IN WALL.
3. 1/2" CW, HW DN.
4. 1" CW DN.

PLUMBING GENERAL NOTES

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WILLIAM ADAM LOWE
ALABAMA
LICENSED
NO. 39121
PROFESSIONAL
ENGINEER

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

NORTH

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum #3

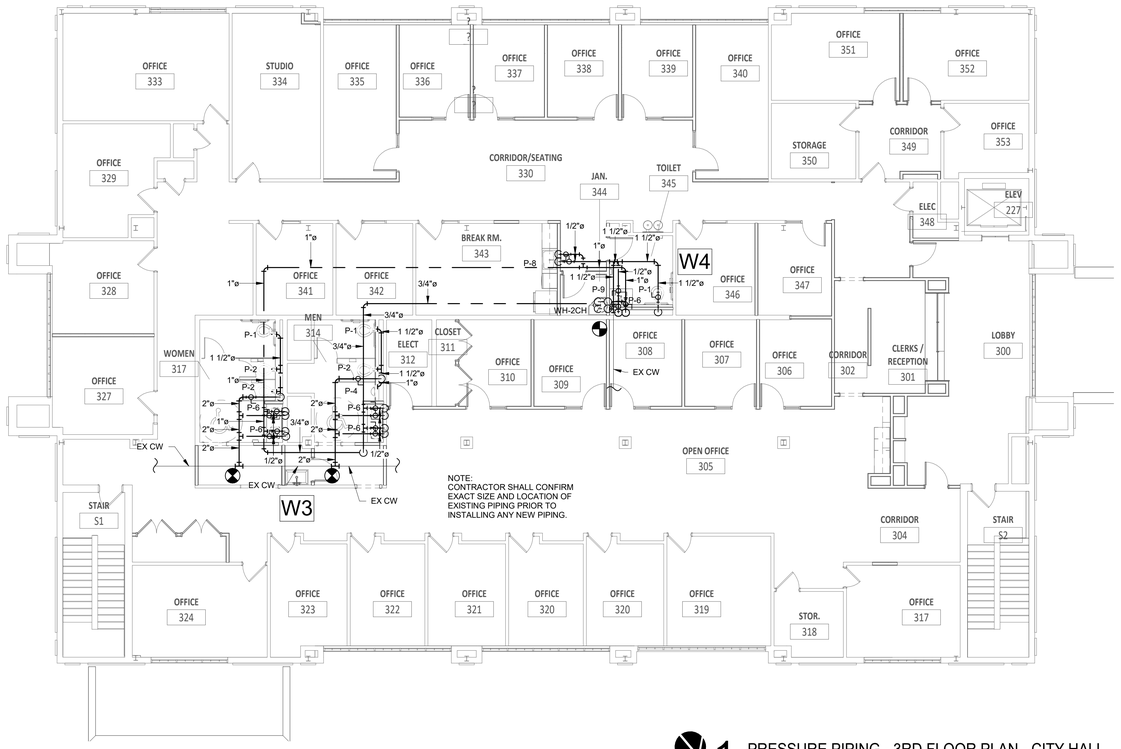
PROJECT NUMBER:
23-083

DRAWING TITLE:
PRESSURE PIPING - 2ND FLOOR PLAN - CITY HALL

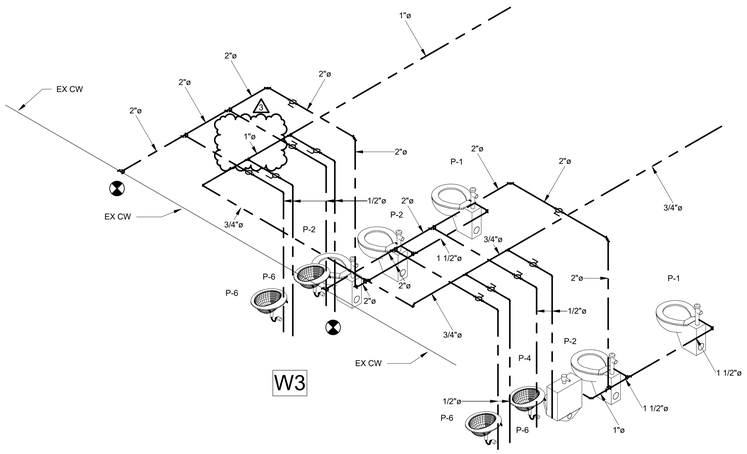
SHEET NUMBER:
P-301

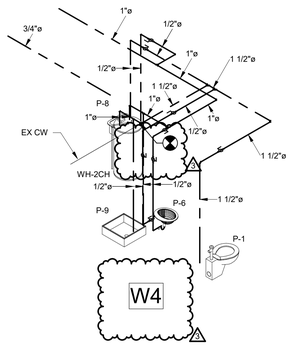
Dewberry
2 Riverchase Office Plaza
Suite 206
Hoover, AL 35244
(205) 988-2069
www.dewberry.com

Project Number :
12-12-24
50181599



1 PRESSURE PIPING - 3RD FLOOR PLAN - CITY HALL
SCALE: 1/8" = 1'-0"
NORTH





PRESSURE KEY NOTES

1. CONNECT TO HW AND CW IN WALL.
2. CONNECT TO CW IN WALL.
3. 1/2" CW, HW DN.
4. 1" CW DN.

PLUMBING GENERAL NOTES

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GADSDEN CITY HALL

100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

NORTH

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum #3

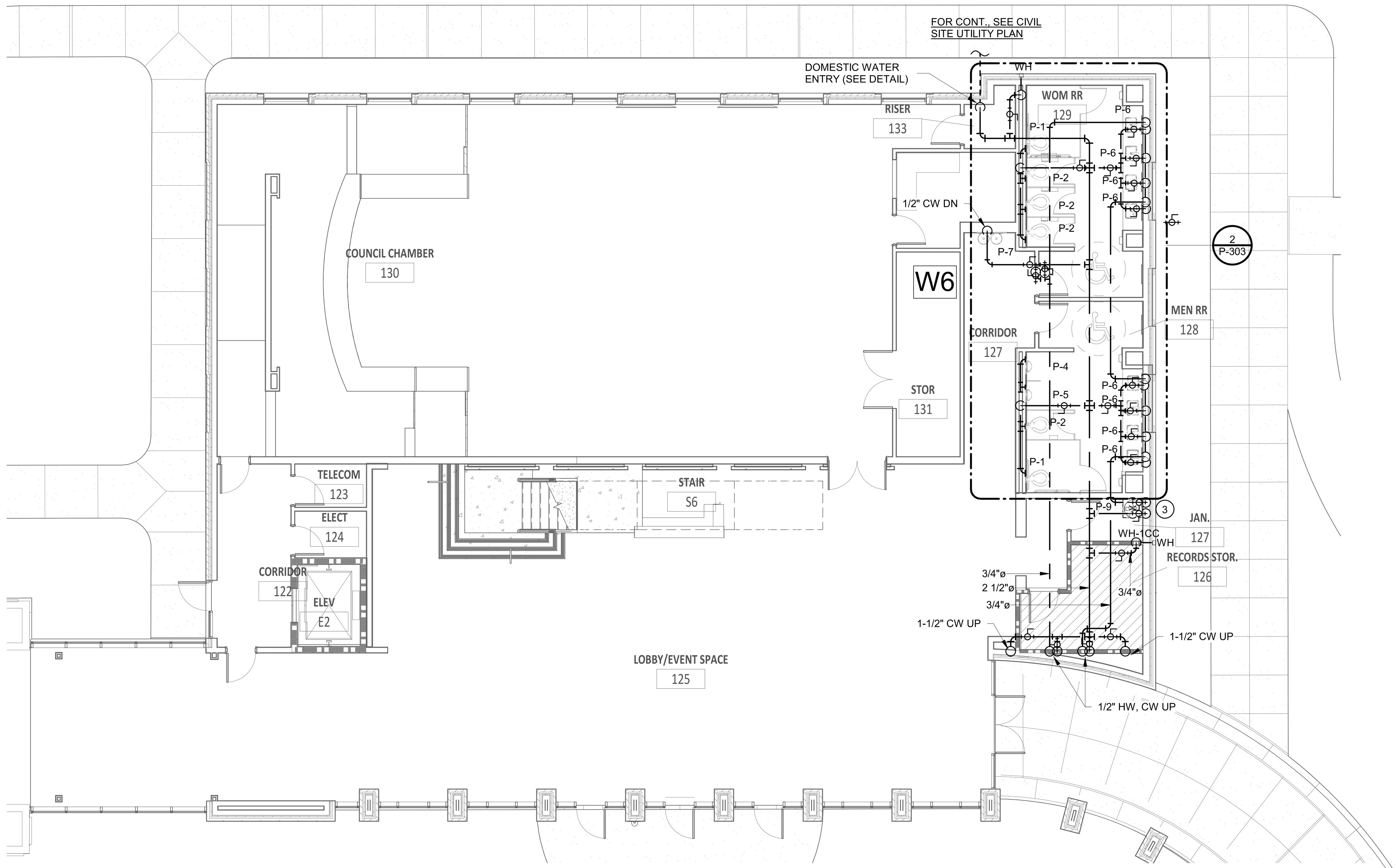
PROJECT NUMBER:
23-083

DRAWING TITLE:
PRESSURE PIPING - 3RD FLOOR PLAN - CITY HALL

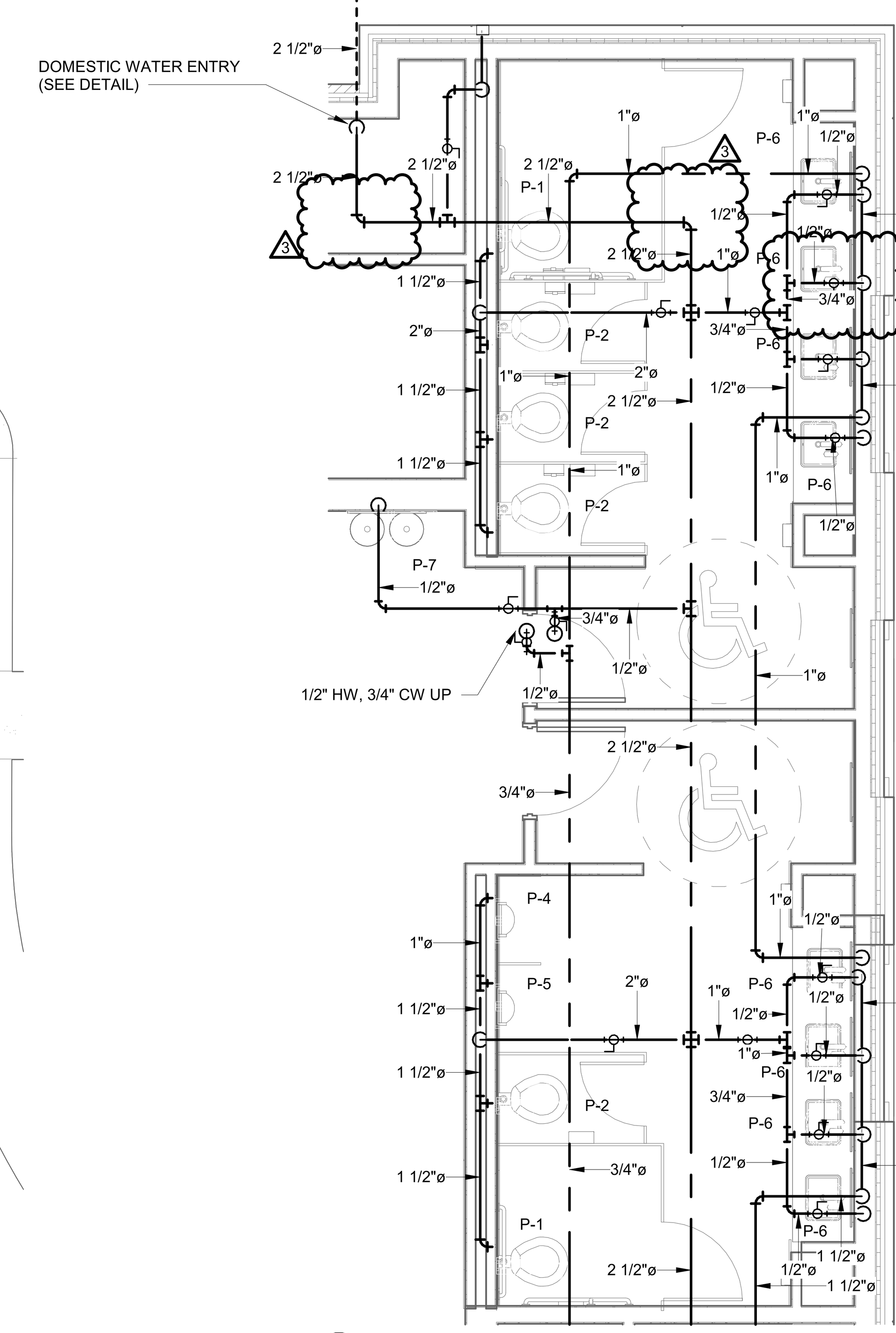
SHEET NUMBER:
P-302

Dewberry
2 Riverchase Office Plaza
Suite 205
Hoover, AL 35244
(205) 988-2069
www.dewberry.com
Project Number :
50181599

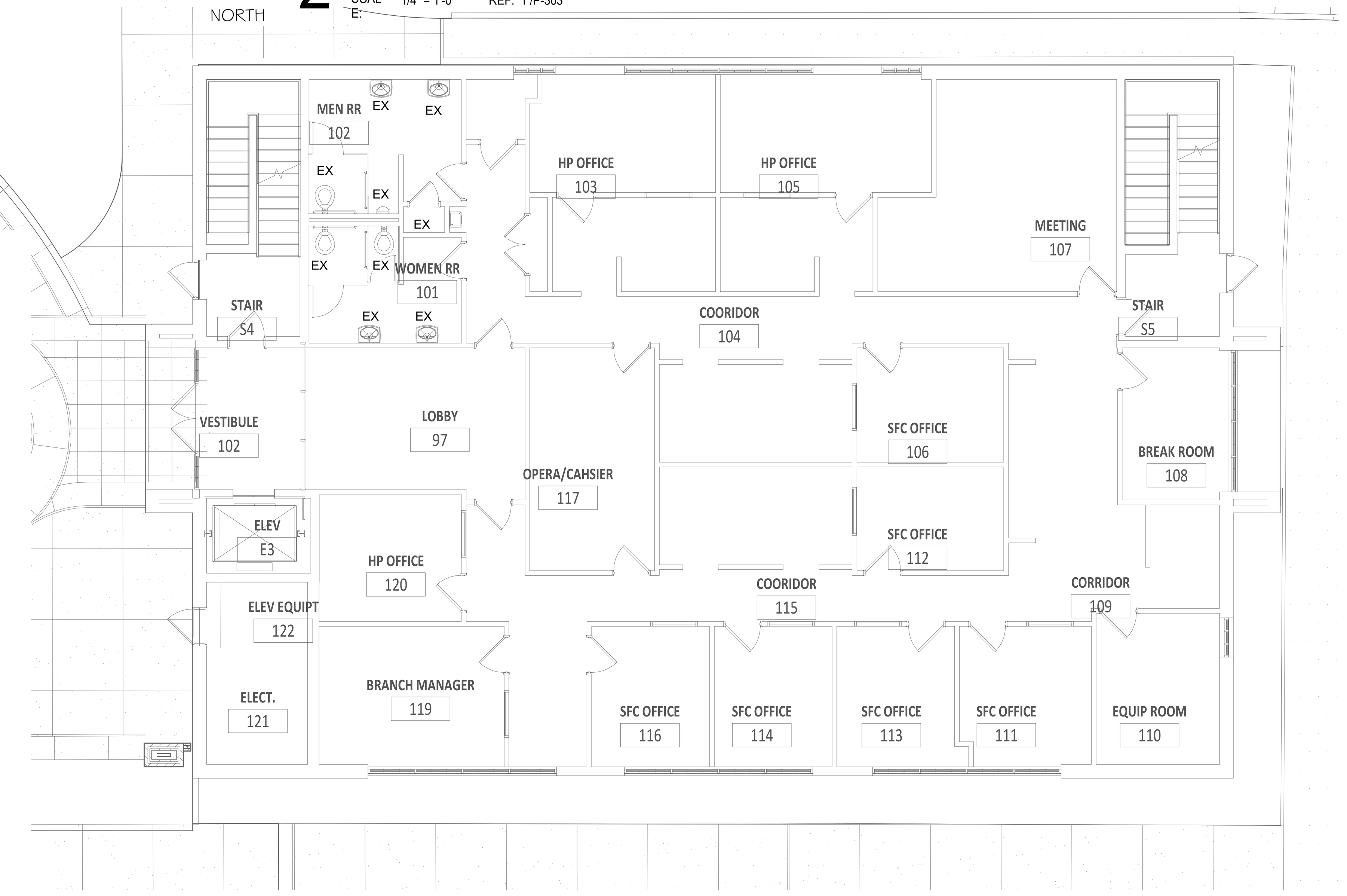
STATE OF ALABAMA LICENSED PROFESSIONAL ENGINEER No. 29121 WILLIAM ADAM CONE 12-12-24

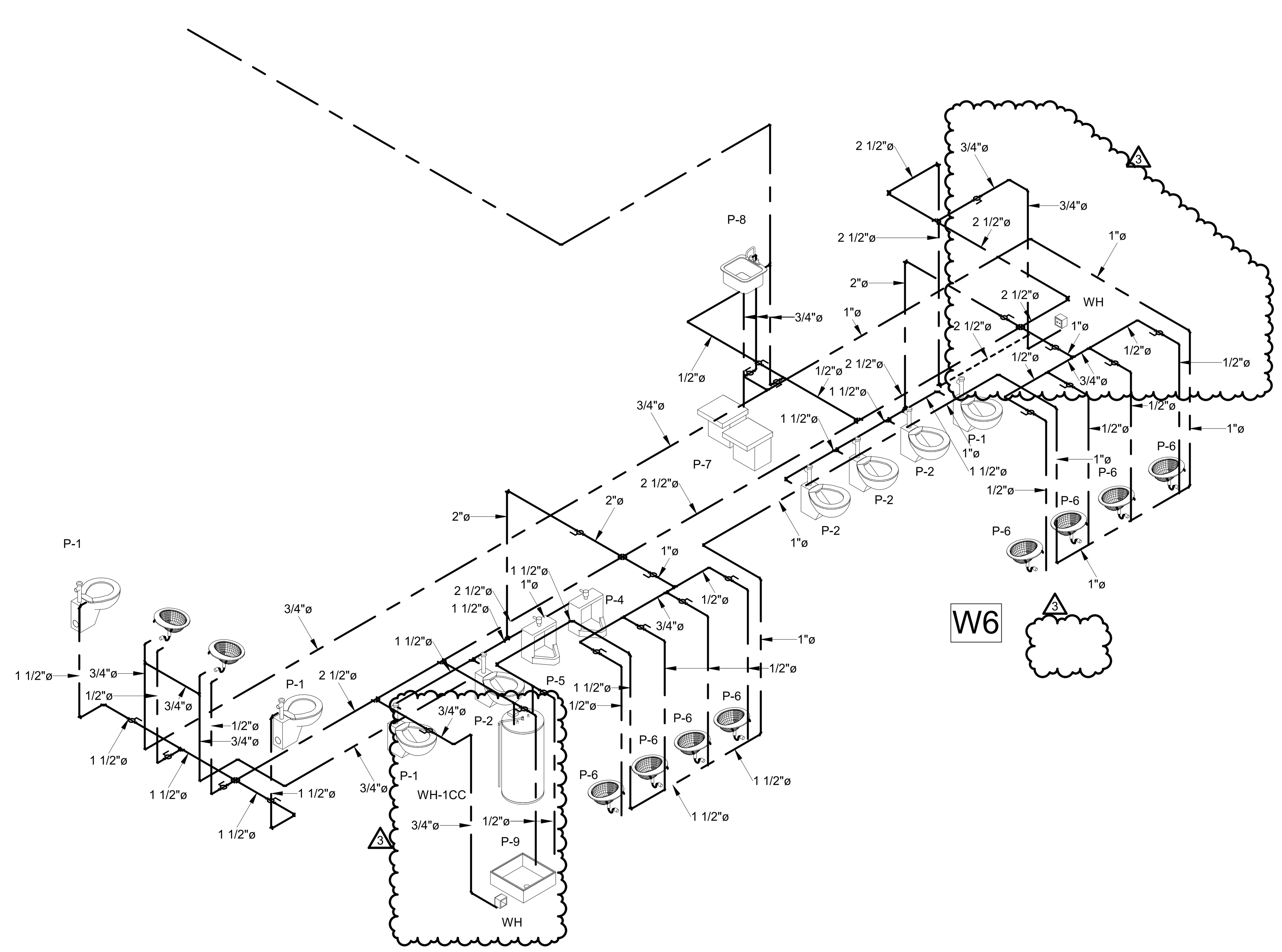


NORTH 1 PRESSURE PIPING - 1ST FLOOR PLAN - CITY COUNCIL
SCALE: 1/8" = 1'-0"



NORTH 2 PRESSURE PIPING - 1ST FLOOR PLAN - CITY COUNCIL - ENLARGED
SCALE: 1/4" = 1'-0" REF: 1/P-303





PRESSURE KEY NOTES

1. CONNECT TO HW AND CW IN WALL.
2. CONNECT TO CW IN WALL.
3. 1/2" CW, HW DN.
4. 1" CW DN.

PLUMBING GENERAL NOTES

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GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

NORTH

ARCHITECT OF RECORD :

WILLIAMS BLACKSTOCK ARCHITECTS

2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS:

NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum #3

PROJECT NUMBER:
23-083

DRAWING TITLE:
PRESSURE PIPING - 1ST FLOOR PLAN - CITY COUNCIL

SHEET NUMBER:
P-303

Panel: MP-A1
Location: Main Electrical Rm
Fed From: UTILITY
Enclosure: NEMA 1
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Bus Rating: 800A
Main Device Type: M.C.B.
Main Device Size: 800/3
A.I.C. Rating: 42,000
Fault Current: 26,557

Cubicle No.	Description	Phase Load (VA) A	B	C	Connected Load (VA)	Connected Current (A)	Trip (A)	Poles	Notes
1	Elevator(EX)	11040	11040	11040	33120	92	125	3	
2	LP-B3(EX)	17929	16380	18697	53006	147	200	3	
3	LP-B1(EX)	2657	4581	4521	11758	33	100	3	
4	DP-C3(EX)	16338	15028	15650	47016	131	200	3	
5	DP-A3(EX)	37536	37536	37536	112608	313	400	3	
6	PP-G(Garage)	6310	5130	4774	16213	45	80	3	
7	SPD	--	--	--	--	--	60	3	
8	Space	--	--	--	--	--	--	1	
9	Space	--	--	--	--	--	--	1	
10	Space	--	--	--	--	--	--	1	
	Total Phase Connected Load (VA):	91813 VA	89695 VA	92219 VA					
	Total Phase Connected Current (A):	768 A	747 A	771 A					

Load Classification	Connected Load (VA)	Demand Factor	Estimated Demand (VA)	Panel Totals:	
Elevator	33120 VA	100.00%	33120 VA	Total Connected Load (VA):	273726 VA
Heating	21721 VA	100.00%	21721 VA	Total Demand Load (VA):	258513 VA
Lighting	5923 VA	125.00%	7403 VA	Total Connected Current (A):	760 A
Lighting - Exterior	1097 VA	125.00%	1371 VA	Highest Connected Phase Current (A):	771 A
Motor	696 VA	125.00%	870 VA	Total Demand Current (A):	718 A
Power	3996 VA	100.00%	3996 VA		
Receptacle	44180 VA	61.32%	27090 VA		
HVAC	163212 VA	100.00%	163212 VA		

Notes:
New Panel - City Hall(Regions Blg)
a) 100% RATED Main Breaker, provide S.T. elevator.

Panel: PP-G
Location: Garage
Fed From: MP-A1
Enclosure: NEMA 1
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Bus Rating: 100A
Main Device Type: M.C.B
Main Device Size: 80/3
A.I.C. Rating: 10,000
Fault Current: 1629

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A		B		C		Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	EUH-1 - Garage		Heating	45	3	2074	226					1	20	Lighting		Lighting - Garage/Vestibule	2
3	--		--	--	--			2074	860			1	20	Receptacle		Recept - Garage	4
5	--		--	--	--					2074	500	1	20	Receptacle		Garage Door - Garage	6
7	EWH-A Wall Heater - Garage Vest.		Heating	20	2	1500	500					1	20	Receptacle		Garage Door - Garage	8
9	--		--	--	--			1500	696			1	20	Motor		VF-1 - Garage	10
11	EHW-B (Wall Heater) - Stairs		Heating	30	2					2000	200	1	20	Power		HVAC Auto Damper - Garage	12
13	--		--	--	--	2000	23					1	20	Lighting - Exterior		Lighting - Exterior	14
15	Space		--	--	1			--	--			1	--	--		Space	16

	A	B	C
Total Phase Connected Load (VA):	6311	5130	4774
Total Phase Connected Current (A):	53	43	40

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Heating	13221 VA	100.00%	13221 VA	Total Connected Load (VA):	16214 VA
Lighting	226 VA	125.00%	283 VA	Total Demand Load (VA):	16447 VA
Lighting - Exterior	23 VA	125.00%	29 VA	Total Connected Current (A):	45 A
Motor	696 VA	125.00%	870 VA	Highest Connected Phase Current (A):	53 A
Power	200 VA	100.00%	200 VA	Total Demand Current (A):	46 A
Receptacle	1860 VA	100.00%	1860 VA		

Notes:
New Panel - City Hall(Regions Blg)

Circuit Notes:

Panel: PP-2
Location: Storage Rm
Fed From: MP-A
Enclosure: NEMA 1
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Bus Rating: 225A
Main Device Type: M.L.O.
Main Device Size: N/A
A.I.C. Rating: 22,000
Fault Current: 11,597

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A		B		C		Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	2nd Ltg - Server,Offices,Restrms		Lighting	20	1	708	1168					1	20	Lighting		Lighting - 2nd Flr Corr.	2
3	Ltg - 2nd Flr Offices,Mayor,Confr		Lighting	20	1			819	683			1	20	Lighting		2nd Ltg - Training,File,Storage	4
5	Lighting - Lobby Pendents		Lighting	20	1					450	313	1	20	Lighting		Lighting - Lobby Accent Wall	6
7	Cove Lighting - Lobby		Lighting	20	1	544	360					1	20	Receptacle		Recept - Men, Women Restroom	8
9	Refrigerator - Training Rm	1	Receptacle	20	1			1000	540			1	20	Receptacle		Recept - Training Rm Counter 213	10
11	Recept - Training Room 213		Receptacle	20	1					1540	900	1	20	Receptacle		Recept - Office 219	12
13	Recept - Corridor 218		Receptacle	20	1	540	360					1	20	Receptacle		Recept - Training Rm Closet	14
15	Recept - Training Rm Monitor 213		Receptacle	20	1			360	1540			1	20	Receptacle		Recept - Training Rm Monitor 213	16
17	HVAC Auto Damper - IHP1		Power	20	1					500	900	1	20	Receptacle		Recept - Mayor Office	18
19	Recept - Storage 212		Receptacle	20	1	900	180					1	20	Receptacle		Recept - Mayor Office Below...	20
21	Recept - Mayor Office Counter		Receptacle	20	1			360	720			1	20	Receptacle		FloorBox - Mayor Office	22
23	TV Monitor - Mayor Office		Receptacle	20	1					360	720	1	20	Receptacle		Recept - Mayor Reception	24
25	Recept - Office 208, Toilet		Receptacle	20	1	900	720					1	20	Receptacle		Recept - Office 207	26
27	Recept - Corr Cubicle 2nd Flr		Receptacle	20	1			1080	720			1	20	Receptacle		Recept - Office 206	28
29	Recept - Office 205		Receptacle	20	1					720	720	1	20	Receptacle		Recept - Office 204	30
31	Recept - 2nd Flr Lobby		Receptacle	20	1	720	360					1	20	Receptacle		FloorBox - 2nd Flr Lobby Desk	32
33	Recept - Confrence Rm 202		Receptacle	20	1			1440	360			1	20	Receptacle		Recept - Corr 2nd Flr	34
35	Recept - Storage 226		Receptacle	20	1					540	360	1	20	Receptacle		Recept - Storage 226	36
37	Server Rack - IT Server Rm		Receptacle	30	1	500	500					1	20	Receptacle		Server Rack - IT Server Rm	38
39	Server Rack - IT Server Rm		Receptacle	30	1			500	500			1	20	Receptacle		Server Rack - IT Server Rm	40
41	Server Rack - IT Server Rm		Receptacle	20	1					500	500	1	20	Receptacle		Server Rack - IT Server Rm	42
43	Recept - Office 225		Receptacle	20	1	720	720					1	20	Receptacle		Recept - Office 224	44
45	Recept - Corr Cubicle 2nd Flr		Receptacle	20	1			900	720			1	20	Receptacle		Recept - Office 220	46
47	Recept - Office 221		Receptacle	20	1					720	720	1	20	Receptacle		Recept - Office 222	48
49	Recept - Office 223		Receptacle	20	1	720	200					1	20	Power		LCP-CH2	50
51	Smoke Fire Dampers		Power	20	1			200	180			1	20	Receptacle	1	Electric Water Cooler - 2nd Flr	52
53	Receptacle - FileRm 2nd Flr		Receptacle	20	1					900	360	1	20	Receptacle		Recept - Storage 2nd Flr	54
55	CEF-1 - Mayor Restrm		Motor	20	1	50	100					1	20	Power		Door Control Power	56
57																	58
59																	60
61																	62
63																	64
65																	66
67																	68
69																	70
71																	72

	A	B	C
Total Phase Connected Load (VA):	10932	12591	11723
Total Phase Connected Current (A):	91	106	99

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	4659 VA	125.00%	5823 VA	Total Connected Load (VA):	35243 VA
Motor	50 VA	125.00%	63 VA	Total Demand Load (VA):	26624 VA
Power	1000 VA	100.00%	1000 VA	Total Connected Current (A):	98 A
Receptacle	29580 VA	66.90%	19790 VA	Highest Connected Phase Current (A):	106 A
				Total Demand Current (A):	74 A

Notes:
New Panel - City Hall(Regions Blg)

Circuit Notes:
1) Provide GFCI Breaker.

CITY HALL/REGIONS BUILDING

Panel: L2A
Location: 2nd Flr Elec Rm
Fed From: MPL1
Enclosure: NEMA 1
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Bus Rating: 400A
Main Device Type: M.L.O
Main Device Size: N/A
A.I.C. Rating: 22,000
Fault Current: 17310

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A		B		C		Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle - Roof		Receptacle	20	1	180	1333					3	15	HVAC		VAV 2-1	2
3	VAV 2-2		HVAC	15	3			833	1333			--	--	--		--	4
5	--		--	--	--					833	1333	--	--	--		--	6
7	--		--	--	--	833	1333					3	15	HVAC		VAV 2-3	8
9	VAV 2-4		HVAC	15	3			667	1333			--	--	--		--	10
11	--		--	--	--					667	1333	--	--	--		--	12
13	--		--	--	--	667	3333					3	35	HVAC		VAV 2-5	14
15	VAV 2-6		HVAC	15	3			1333	3333			--	--	--		--	16
17	--		--	--	--					1333	3333	--	--	--		--	18
19	--		--	--	--	1333	1000					3	15	HVAC		VAV 2-7	20
21	VAV 2-8		HVAC	35	3			3333	1000			--	--	--		--	22
23	--		--	--	--					3333	1000	--	--	--		--	24
25	--		--	--	--	3333	500					3	15	HVAC		VAV 2-9	26
27	VAV 2-10		HVAC	20	3			1667	500			--	--	--		--	28
29	--		--	--	--					1667	500	--	--	--		--	30
31	--		--	--	--	1667	1000					3	15	HVAC		VAV 2-11	32
33	VAV 2-12		HVAC	15	3			833	1000			--	--	--		--	34
35	--		--	--	--					833	1000	--	--	--		--	36
37	--		--	--	--	833	1000					3	15	HVAC		VAV 2-13	38
39	VAVA 2-14		HVAC	60	3			5000	1000			--	--	--		--	40
41	--		--	--	--					5000	1000	--	--	--		--	42
43	--		--	--	--	5000	280					1	20	Receptacle; Power		Condensate Pump for IHP-7 Unit	44
45	Condensate Pump for IHP-6 Unit		Receptacle	20	1			180	500			1	20	Power		RTU-1 - Ltg, Recept	46
47	EF-5 - Roof		Motor	20	1					95	1176	1	20	Motor		EF-6 - Roof	48
49	Security Panel - Data Rm		Power	20	1	200	500					1	20	Power		HVAC Control Power - Elec Rm	50
51	ECH-A - Corridor		Heating	20	2			1500	--			1	--	--		Space	52
53	--		--	--	--					1500	--	1	--	--		Space	54

	A	B	C
Total Phase Connected Load (VA):	33172	33006	34233
Total Phase Connected Current (A):	277	275	285

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Heating	3000 VA	100.00%	3000 VA	Total Connected Load (VA):	100410 VA
Lighting	4776 VA	125.00%	5970 VA	Total Demand Load (VA):	96689 VA
Motor	1271 VA	123.13%	1565 VA	Total Connected Current (A):	279 A
Power	1500 VA	100.00%	1500 VA	Highest Connected Phase Current (A):	285 A
Receptacle	20400 VA	74.51%	15200 VA	Total Demand Current (A):	268 A
HVAC	69500 VA	100.00%	69500 VA		

Notes:
New Panel - City Council Building
a) Provide with double lugs (See Riser Diagram)

Circuit Notes:

Panel: L2B
Location: 2nd Flr Elec Rm
Fed From: L2A
Enclosure: NEMA 1
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Bus Rating: 400A
Main Device Type: M.L.O.
Main Device Size: N/A
A.I.C. Rating: 22,000
Fault Current: 18,828

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	Phase Load (VA) A		B		C		Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle - Crosswalk Conf. Rm		Receptacle	20	1	900	540					1	20	Receptacle		Receptacle - Crosswalk	2
3	Receptacle - Lobby		Receptacle	20	1			540	540			1	20	Receptacle		Recept - Restrooms	4
5	Receptacle - Confrence Rm		Receptacle	20	1					720	900	1	20	Receptacle		Receptacle - Office 239	6
7	Receptacle - Open Office		Receptacle	20	1	720	720					1	20	Receptacle		Receptacle - Open Office	8
9	Receptacle - Open Office		Receptacle	20	1			720	1260			1	20	Receptacle		Receptacle - Reception	10
11	Receptacle - File Copy, Vault		Receptacle	20	1					900	1200	1	20	Receptacle		Copier - File Copy	12
13	Receptacle - Office 237		Receptacle	20	1	720	720					1	20	Receptacle		Receptacle - Office 236	14
15	Receptacle - Office 235		Receptacle	20	1			720	720			1	20	Receptacle		Receptacle - Office 234	16
17	Receptacle - Office 233		Receptacle	20	1					720	900	1	20	Receptacle		Receptacle - Office 232	18
19	Receptacle - Office 231		Receptacle	20	1	720	360					1	20	Receptacle		Receptacle - Breakroom	20
21	Receptacle - Breakroom Counter		Receptacle	20	1			360	1200			1	20	Receptacle		Refrigerator - Breakroom (GFI)	22
23	Receptacle - Data Room		Receptacle	20	1					720	180	1	20	Receptacle		Server Rack - Data Room	24
25	Server Rack - Data Room		Receptacle	20	1	180	360					1	20	Receptacle		FloorBox - Confrence Rm	26
27	Receptacle - Electrical Room		Receptacle	20	1			180	500			1	20	Lighting		Lighting - 2nd Floor Lobby	28
29	Lighting - Crosswalk, Conf. Rm		Lighting	20	1					562	789	1	20	Lighting		Lighting - Corridor, Reception lobby	30
31	Lighting - Elec,Data,Offices, Brkrm		Lighting	20	1	1070	787					1	20	Lighting		Lighting - Conf. Rm,Vault,Roof...	32
33	Server Rack - Data Room		Receptacle	30	1			360	360			1	30	Receptacle		Server Rack - Data Room	34
35	Recept - Mail Room		Receptacle	20	1					540	180	1	20	Receptacle		TV Monitor - Lobby	36
37	Lighting - Lobby Accent Wall		Lighting	20	1	610	475					1	20	Lighting		Pendent Lighting - Lobby	38
39	LCP-CC2		Power	20	1			200	0			1	20	--		Spare	40
41	Spare		--	20	1					0	0	1	20	--		Spare	42
43	Spare		--	20	1	0	0					1	20	--		Spare	44
45	Spare		--	20	1			0	0			1	20	--		Spare	46
47	Spare		--	20	1					0	0	1	20	--		Spare	48
49	Spare		--	20	1	0	0					1	20	--		Spare	50
51	Spare		--	20	1			0	0			1	20	--		Spare	52
53	Spare		--	20	1					0	0	1	20	--		Spare	54

	A	B	C
Total Phase Connected Load (VA):	8851	7659	8297
Total Phase Connected Current (A):	75	64	70

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	4776 VA	125.00%	5970 VA	Total Connected Load (VA):	24804 VA
Power	200 VA	100.00%	200 VA	Total Demand Load (VA):	21065 VA
Receptacle	19860 VA	75.18%	14930 VA	Total Connected Current (A):	69 A
				Highest Connected Phase Current (A):	75 A
				Total Demand Current (A):	58 A

Notes:
New Panel - City Council Building

Circuit Notes:

Panel: MPL1
Location: Main Electrical Room
Fed From:
Enclosure: NEMA 1
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Bus Rating: 1200A
Main Device Type: M.C.B
Main Device Size: 1200/3
A.I.C. Rating: 42,000
Fault Current: 26,453

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A		B		C		Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	RTU-6		HVAC	400	3	30240	33172					3	400	HVAC; Motor; Heating;...		L2A	2
3	--		--	--	--			30240	33006			--	--	--		--	4
5	--		--	--	--					30240	34233	--	--	--		--	6
7	L1		Heating; Lighting -...	225	3	9630	2928					3	70	Elevator		Elevator	8
9	--		--	--	--			9200	2928			--	--	--		--	10
11	--		--	--	--					7195	2928	--	--	--		--	12
13	VAV 1-2		HVAC	60	3	5000	--					1	--	--		Elevator Shunt-Trip	14
15	--		--	--	--			5000	5000			3	60	HVAC		VAV 1-1	16
17	--		--	--	--					5000	5000	--	--	--		--	18
19	VAV 1-5		HVAC	45	3	4000	5000					--	--	--		--	20
21	--		--	--	--			4000	2833			3	35	HVAC		VAV 1-3	22
23	--		--	--	--					4000	2833	--	--	--		--	24
25	VAV 1-7		HVAC	45	3	4000	2833					--	--	--		--	26
27	--		--	--	--			4000	833			3	15	HVAC		VAV 1-6	28
29	--		--	--	--					4000	833	--	--	--		--	30
31	VAV 1-4		HVAC	25	3	2000	833					--	--	--		--	32
33	--		--	--	--			2000	1581			2	30	HVAC		OHP-6	34
35	--		--	--	--					2000	1581	--	--	--		--	36
37	OHP-10		HVAC	30	2	915	1500					3	20	Heating		Water Heater (WH-1) - Janitor	38
39	--		--	--	--			915	1500			--	--	--		--	40
41	EWH-A Wall Heater - Riser Rm		Power	20	2					1500	1500	--	--	--		--	42
43	--		--	--	--	1500	1250					2	20	Heating		BH-1(Baseboard Heater - Lobby	44
45	BH-2(Baseboard Heater - Lobby		Heating	20	2			1250	1250			--	--	--		--	46
47	--		--	--	--					1250	625	2	15	Heating		BH-3(Baseboard Heater - Lobby	48
49	SDP		--	60	3	0	625					--	--	--		--	50
51	--		--	--	--			0	--			1	--	--		Space	52
53	--		--	--	--					0	--	1	--	--		Space	54

	A	B	C
Total Phase Connected Load (VA):	105423	105536	104718
Total Phase Connected Current (A):	879	880	873

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Elevator	8784 VA	100.00%	8784 VA	Total Connected Load (VA):	315676 VA
Heating	17500 VA	100.00%	17500 VA	Total Demand Load (VA):	306655 VA
Lighting	8065 VA	125.00%	10082 VA	Total Connected Current (A):	876 A
Lighting - Exterior	2363 VA	125.00%	2953 VA	Highest Connected Phase Current (A):	880 A
Motor	1271 VA	123.13%	1565 VA	Total Demand Current (A):	851 A
Power	7710 VA	100.00%	7710 VA		
Receptacle	33820 VA	64.78%	21910 VA		
HVAC	236212 VA	100.00%	236212 VA		

Notes:
New Panel - City Council Building
a)Provide energy-reducing maintenance switching with local status indicator for all breakers 1200 amperes or higher as per NEC 240.87.

Circuit Notes:

Panel: L1
Location: 1st Flr Elec Rm
Fed From: MPL1
Enclosure: NEMA 1
Mounting: Surface
Volts: 120/208 Wye
Phases: 3
Wires: 4
Bus Rating: 225A
Main Device Type: M.L.O
Main Device Size: N/A
A.I.C. Rating: 42,000
Fault Current: 21,768

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A		B		C		Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	In-Grade Receptacle - Front Lawn		Receptacle	20	1	180	180					1	20	Receptacle		Recept - Exterior Under Crosswalk	2
3	Lighting - Exterior Bollards		Lighting - Exterior	20	1			90	540			1	20	Receptacle		Recept - Lobby Entry Doors	4
5	Lighting - Flag Pole		Lighting - Exterior	20	1					72	720	1	20	Receptacle		Recept - Records Stor, Lobby	6
7	Lighting - Elev.Pit		Power; Lighting	20	1	80	720					1	20	Receptacle		Recept - Men, Women Restroom	8
9	Exterior Lighting - Front In-Grade		Lighting - Exterior	20	1			128	540			1	20	Receptacle		Recept - Back Council, Storage	10
11	Front Building Signage		Lighting - Exterior	20	1					66	180	1	20	Receptacle		Recept - Janitors Closet	12
13	Exter Ltg - Front/Crosswalk Canopy		Lighting - Exterior	20	1	167	360					1	20	Receptacle		Water Cooler (GFI)	14
15	Exterior Ltg - Crosswalk In-Grade		Lighting - Exterior	20	1			64	180			1	20	Receptacle		Circulation Pump - Riser Rm	16
17	Ltg - Above Front Canopy Spots		Lighting - Exterior	20	1					42	900	1	20	Receptacle		Recept - Desk Under Stairs	18
19	Mecho Shades - Council Chamber		Power	20	1	750	720					1	20	Receptacle		Recept - Council Chamber	20
21	Mecho Shades - Council Chamber		Power	20	1			1000	900			1	20	Receptacle		Recept - Council Desk	22
23	Monitors - Council Chamber		Receptacle	20	1					360	1080	1	20	Receptacle		Recept - Council Desk	24
25	Monitors - Council Chamber		Receptacle	20	1	360	1440					1	20	Receptacle		Recept - Council Desk	26
27	Ceiling Recept - Council Chamber		Receptacle	20	1			360	360			1	20	Receptacle		Recept - Wall Behind Council Desk	28
29	Projector Screen - Council Chamber		Power	20	1					360	360	1	20	Receptacle		Recept - Lobby	30
31	Elevator Cab Lights		Power	20	1	0	360					1	20	Receptacle; Power		Recept - Elevator Pit	32
33	Lighting - Site Poles		Lighting - Exterior	20	1			1720	180			1	20	Receptacle		Recept - Electrical Room	34
35	Door Power - at Crosswalk		Power	20	1					200	180	1	20	Receptacle		Recept - TBB-1	36
37	Lighting - Restrm,Storage, Sound		Lighting	20	1	736	720					1	20	Receptacle		Receptacle - Sound Control	38
39	Lighting - Council Chamber		Lighting	20	1			610	360			1	20	Receptacle		Receptacle - Sound Control	40
41	Lighting - Council Chamber		Lighting	20	1					672	200	1	20	Power		Fire Alarm Control Panel(FACP)	42
43	Cove Lighting - Council Chamber		Lighting	20	1	1000	37					1	20	Lighting		Lighting - Lobby Staircase	44
45	Lighting - Exterior Wall Pack		Lighting - Exterior	20	1			23	625			2	15	Heating		BH-4(Baseboard Heater - Lobby	46
47	BH-5(Baseboard Heater - Lobby		Heating	15	2					625	625	--	--	--		--	48
49	--		--	--	--	625	625					2	15	Heating		BH-6(Baseboard Heater - Lobby	50
51	HVAC Control Power - Data Rm		Receptacle	20	1			500	625			--	--	--		--	52
53	LCP-CC1		Power	20	1					200	180	1	20	Receptacle		Sump Pump - Elev Pit	54
55	Elevator Shunt Trip		Receptacle	20	1	500	100					1	20	Power		Elevator Emergency Power Supply	56
57	Lighting Panel - Sound Control		Power	20	1			200	200			1	20	Power		Ltg Softswitch - Sound Control	58
59	Ltg - Elec,Data,Corr		Lighting	20	1					174	0	1	20	--		Spare	60
61	Spare		--	20	1	0	0					1	20	--		Spare	62
63	Spare		--	20	1			0	0			1	20	--		Spare	64
65	Spare		--	20	1					0	0	1	20	--		Spare	66
67	Spare		--	20	1	0	0					1	20	--		Spare	68
69	Spare		--	20	1			0	0			1	20	--		Spare	70
71	Spare		--	20	1					0	0	1	20	--		Spare	72

	A	B	C
Total Phase Connected Load (VA):	9630	9200	7195
Total Phase Connected Current (A):	83	79	60

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Heating	3750 VA	100.00%	3750 VA	Total Connected Load (VA):	26023 VA
Lighting	3291 VA	125.00%	4114 VA	Total Demand Load (VA):	25725 VA
Lighting - Exterior	2363 VA	125.00%	2953 VA	Total Connected Current (A):	72 A
Power	3210 VA	100.00%	3210 VA	Highest Connected Phase Current (A):	83 A
Receptacle	13420 VA	87.26%	11710 VA	Total Demand Current (A):	71 A

Notes:
New Panel - City Council Building

Circuit Notes:
1) Disconnect /Breaker shall have a "RED" marking, identified as "Fire Alarm Circuit" and shall be mechanically protected.
2) Provide GFCI Breaker.

CITY COUNCIL BUILDING

Dewberry
2 Riverchase Office Plaza
Suite 205
Hoover, AL 35244
(205) 988-2069
www.dewberry.com
Project Number :
50181599

No. 51403
12/12/2024
ALFRED MICHAEL MAIOLA III

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS
BLACKSTOCK
ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum #3

PROJECT NUMBER:
23-083

DRAWING TITLE:
ELECTRICAL PANELBOARD SCHEDULES - NEW PANELS

SHEET NUMBER:
E-008

Dewberry
2 Riverchase Office Plaza
Suite 206
Hoover, AL 35244
(205) 988-2069
www.dewberry.com

Project Number :
50181599

ALABAMA LICENSED PROFESSIONAL ENGINEER
No. 51403
PROFESSIONAL
12/12/2024
ENGINEER
ALFRED MICHAEL MASON JR

LCP-CC1 SCHEDULE				
Relay	Panel	Circuit Number	Location Description	Remarks
1	L1	3	EXTERIOR BOLLARDS	
2	L1	9	EXTERIOR COLUMS ACCENTS	
3	L1	13	FRONT ENTRY CANOPY	
4	L1	15	UNDER CROSSWALK IN-GRADE	
5	L1	33	SITE POLES	
6	L1	11	FRONT SIGNAGE	
7	L1	5	FLAG POLE	
8	L1	13	EXTERIOR FRONT/CROSSWALK CANOPY	
9	L1	17	EXTERIOR ABOVE FRONT CANOPY SPOTS	
10	L1	44	LOBBY STAIRCASE	
11	L1	59	OPEN LOBBY	

LIGHTING CONTROL PANEL NOTES:

A. LIGHTING CONTROL PANEL SHALL HAVE A MINUMUM 7-DAY CLOCK.

B. LIGHTING CONTROL PANEL SHALL BE CAPABLE OF BEING SET FOR SEVEN DIFFERENT DAY TYPES PER WEEK.

C. LIGHTING CONTROL PANEL SHALL INCORPORATE AN AUTOMATIC HOLIDAY "SHUTOFF" FEATURE, WHICH TURNS OFF ALL CONTROLLED LIGHTING LOADS FOR AT LEAST 24 HOURS AND THEN RESUMES NORMALLY SCHEDULED OPERATIONS.

D. EACH LIGHTING CONTROL PANEL SHALL HAVE A PROGRAM BACKUP CAPABILITIES, WHICH PREVENT THE LOSS OF PROGRAM AND TIME SETTINGS FOR AT LEAST 10 HOURS, IF PROGRAM IS INTERRUPTED.

E. PROVIDE AT A MINIMUM FOUR (4) SPARE RELAYS IN EACH LIGHTING CONTROL PANEL.

F. OVERRIDE SWITCHES SHALL TURN THE RESPECTIVE ZONE "ON" DURING OFF HOURS FOR 2 HOURS MAXIMUM. SEE MULTIZONE SWITCH AND OVERRIDE SWITCH SCHEMATIC.

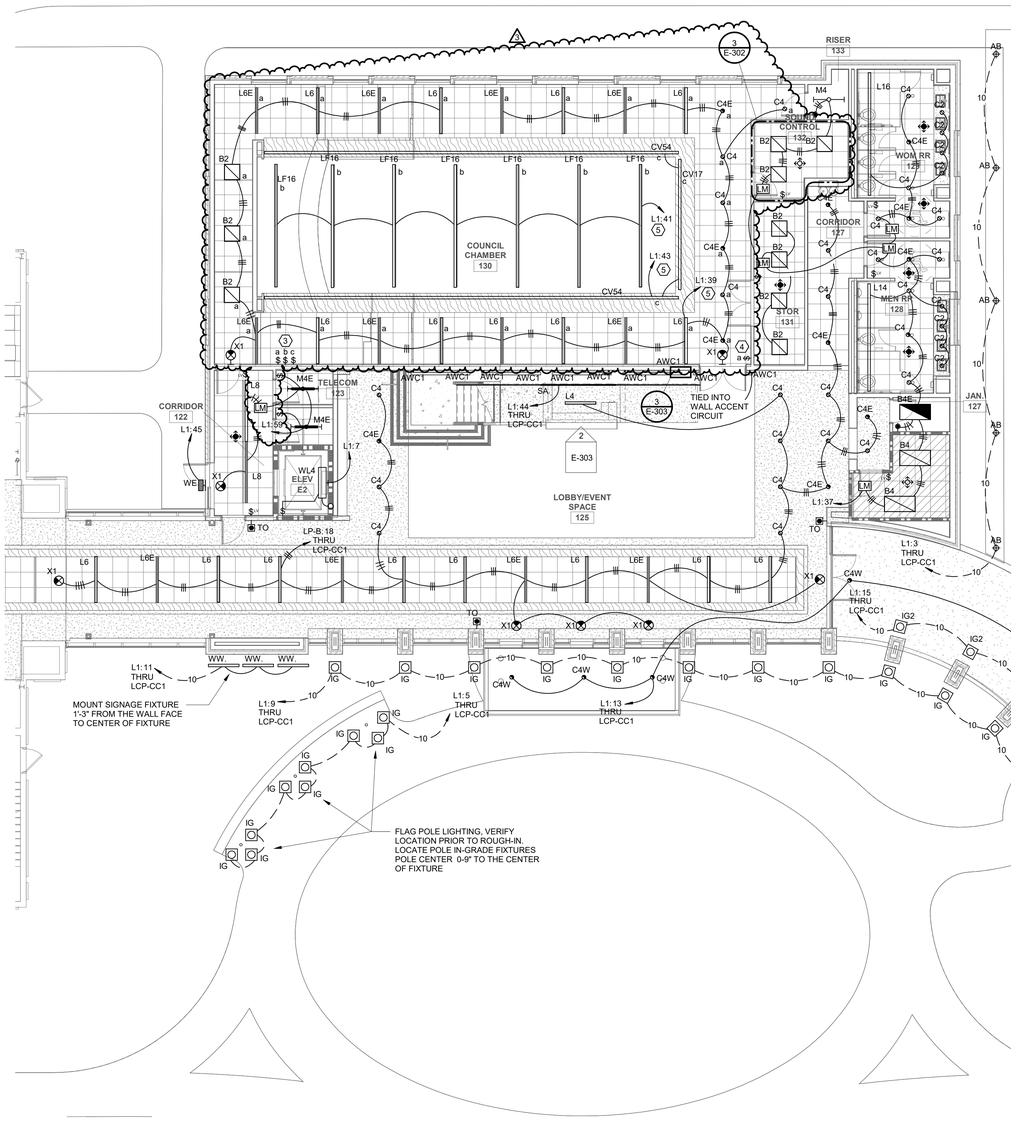
G. ALL OVERRIDE SWITCHES SHALL BE LABELED WITH THE "DESCRIPTION " AREA".

H. PROVIDE DRY CONTACTS FOR A RELAY TO CONNECT FIRE ALARM WIRING INTERFACE. ALL AUTOMATICALLY SWITCHED LIGHTING WITHIN THE MEANS OF EGRESS SHALL BE CONNECTED TO THE FIRE ALARM SYSTEM. UPON ACTIVATION, THE LIGHTS SHALL BE SWITCHED TO "ON" AND FULL BRIGHT.

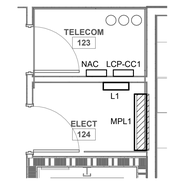
I. PROVIDE PHOTOCELL/PHOTOSENSOR CONNECTED TO THE LCP. PROVIDE A SINGLE OVERRIDE SWITCH OR BUTTON FOR DAYTIME TESTING.

J. CONFIRM ON/OFF SCHEDULING WITH THE OWNER. LIGHTING CONTROL PANEL SHALL BE PROGRAMMED FOR THE OWNER.

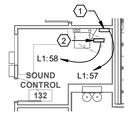
K. LIGHTING CONTROL PANEL VENDOR SHALL PROVIDE SHOP DRAWINGS OF ALL LOCATIONS OF DEVICES AND EQUIPMENT ON THE FLOOR PLAN FOR SUBMITTAL REVIEW AND FOR INSTALLATION PURPOSE. LIGHTING CONTROL PANEL VENDOR SHALL PROVIDE DETAILED WIRING DIAGRAMS FOR ALL DEVICES AND EQUIPMENT WITHIN LCP SYSTEM.



1 LIGHTING - 1ST FLOOR PLAN - CITY COUNCIL
SCALE: 1/8" = 1'-0"



2 ELECTRICAL - ENLARGE 1ST FLOOR ELECTRICAL ROOM
SCALE: 1/4" = 1'-0"

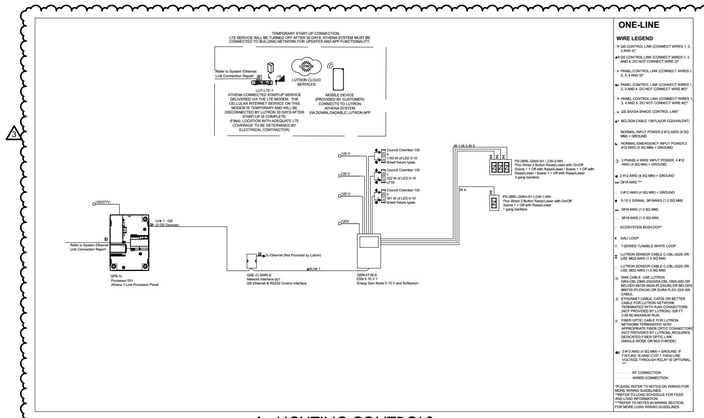


3 LIGHTING - SOUND CONTROL ROOM
SCALE: 1/8" = 1'-0"

COUNCIL CHAMMBERS LIGHTING CONTROL NOTES (#)

1. LUTRON ATHENA 1-LINK PROCESSOR PANEL - QP6-1L.
2. LUTRON ENERGI SAVR NODE 0-10V AND SOFTSWITCH - QSN-4T16-S
3. (3) LUTRON ON/OFF - RAISE/LOWER SWITCH - PX 2BRL GWH I01/CW 3 WH.
4. LUTRON ON/OFF SWITCH - PX 2B GWH I01.
5. CIRCUIT THRU LUTRON SOFTSWITCH - QSN-4T16-S, LOCATED IN SOUND CONTROL ROOM.

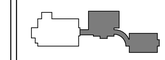
**REFER TO LIGHTING CONTROL DIAGRAM.



4 LIGHTING CONTROLS
NOT TO SCALE

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :



NORTH

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum #3

PROJECT NUMBER:
23-083

DRAWING TITLE:
ELECTRICAL LIGHTING 1ST FLOOR PLAN - CITY COUNCIL

SHEET NUMBER:
E-302

Dewberry
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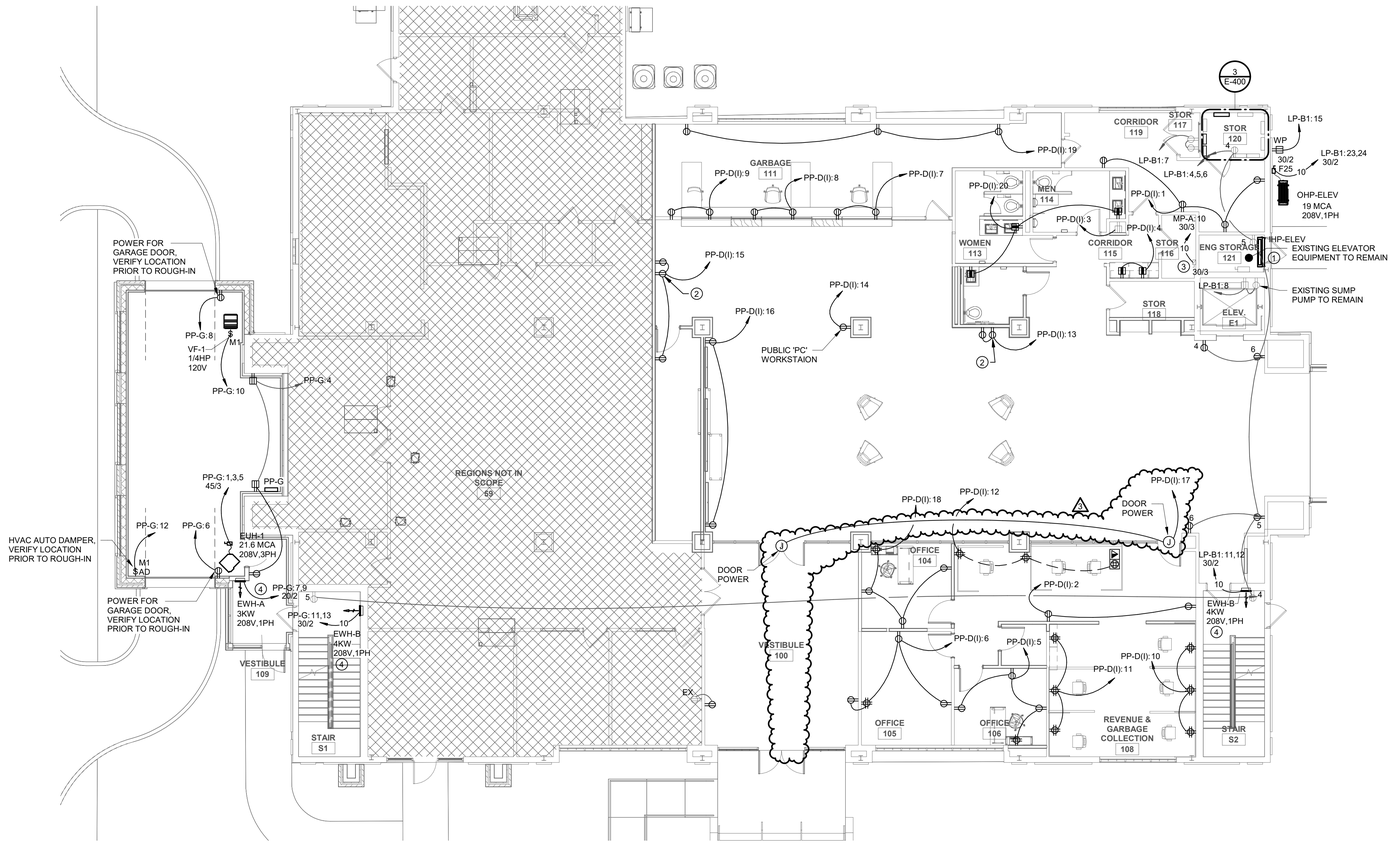
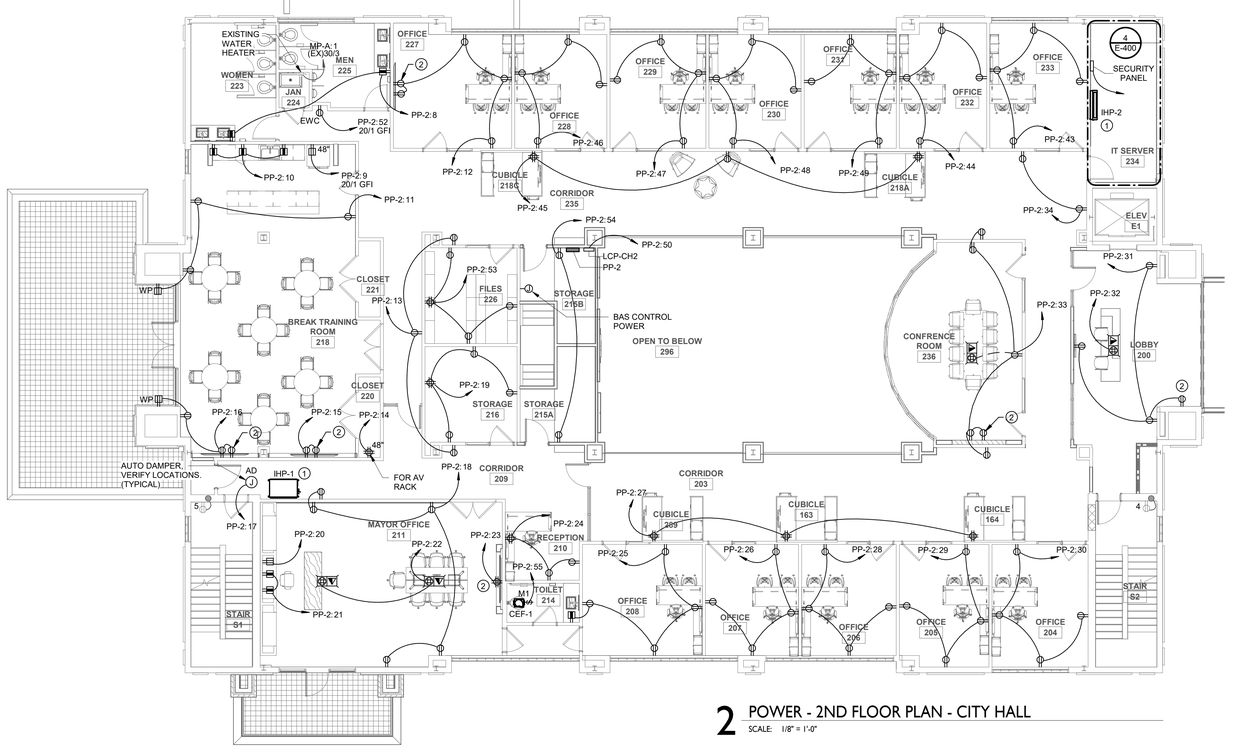
www.dewberry.com

Project Number :
50181599



1 POWER - 1ST FLOOR PLAN PLAN - CITY HALL
SCALE: 1/8" = 1'-0"



2 POWER - 2ND FLOOR PLAN - CITY HALL
SCALE: 1/8" = 1'-0"

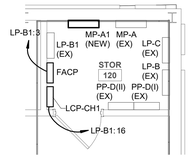
GENERAL NOTES:

a. CIRCUIT NUMBER ARE FOR REFERENCE ONLY. VERIFY IN THE FIELD. CIRCUITS MADE AVAILABLE FROM DEMOLITION.

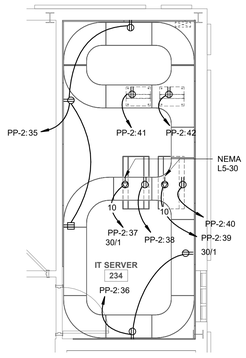
b. ALL NEW CIRCUITS BREAKERS TO EXISTING PANELBOARD SHALL MATCH THE EXISTING MANUNFACTURER, VOLTAGE, AIC, ETC.

SHEET NOTES (#)

1. UNIT POWERED FROM ASSOCIATED OUTDOOR UNIT. PROVIDE 3 #12 & 1 #12G, 3/4"C TO OUTDOOR UNIT AND CONNECT TO DISCONNECT FURNISHED WITH UNIT. EC SHALL INSTALL DISCONNECT.
2. DUPLEX RECEPTACLE FOR MONITOR, REFER TO TECHOLOGY DRAWING FOR SPECIFIED BOX AND MOUNTING HEIGHT.
3. EXISTING 'WH-1' ELECTRIC WATER HEATER TO REMAIN.
4. WALL HEATER CONTAINS INTERVAL DISCONNECT FOR THE UNIT.



3 ELECTRICAL - ENLARGE 1ST FLOOR ELECTRICAL
SCALE: 1/4" = 1'-0"



4 POWER - ENLARGE IT SERVER ROOM - CITY HALL
SCALE: 1/4" = 1'-0"

ALABAMA LICENSED
No. 51403
PROFESSIONAL
12/12/2024
ENGINEER
ALFRED MICHAEL MAGYAR

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St. Gadsden, AL 35901
23-083

KEY PLAN :

NORTH

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

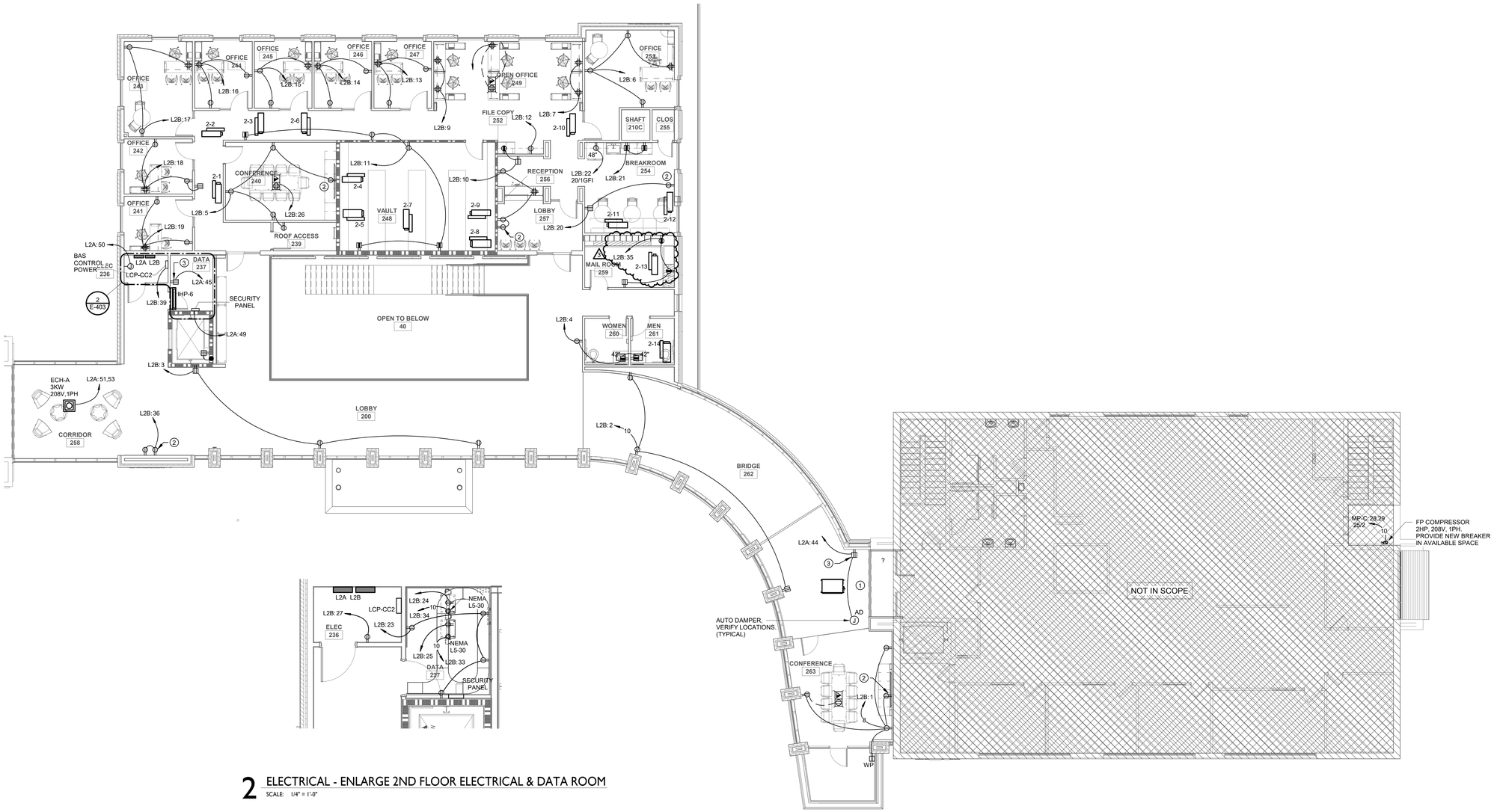
REVISIONS :

NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum #3

PROJECT NUMBER:
23-083

DRAWING TITLE:
ELECTRICAL 1ST & 2ND FLOOR PLANS - CITY HALL

SHEET NUMBER:
E-400



2 ELECTRICAL - ENLARGE 2ND FLOOR ELECTRICAL & DATA ROOM

SCALE: 1/4" = 1'-0"

POWER/HVAC VAV#2 EQUIPMENT SCHEDULE - CITY COUNCIL

Mark	KW	HP	FLA	MCA	Electrical Data	Breaker	Feeders Wire & Conduits	Panel	Circuit Number	Connection Type	Disc. Switch - Fuse	Remarks
2-1	4				208 V/3-4000 VA	15/3	3#12 & 1#12(G)-1/2"C	L2A	2,4,6	DISCONNECT	30/3, NF	
2-2	2.5				208 V/3-2500 VA	15/3	3#12 & 1#12(G)-1/2"C	L2A	3,5,7	DISCONNECT	30/3, NF	
2-3	4				208 V/3-4000 VA	15/3	3#12 & 1#12(G)-1/2"C	L2A	8,10,12	DISCONNECT	30/3, NF	
2-4	2				208 V/3-2000 VA	15/3	3#12 & 1#12(G)-1/2"C	L2A	9,11,13	DISCONNECT	30/3, NF	
2-5	10				208 V/3-10000 VA	35/3	3#8 & 1#10(G)-1"C	L2A	14,16,18	DISCONNECT	60/3, NF	
2-6	4				208 V/3-4000 VA	15/3	3#12 & 1#12(G)-1/2"C	L2A	15,17,19	DISCONNECT	30/3, NF	
2-7	3				208 V/3-3000 VA	15/3	3#12 & 1#12(G)-1/2"C	L2A	20,22,24	DISCONNECT	30/3, NF	
2-8	10				208 V/3-10000 VA	35/3	3#8 & 1#10(G)-1"C	L2A	21,23,25	DISCONNECT	60/3, NF	
2-9	1.5				208 V/3-1500 VA	15/3	3#12 & 1#12(G)-1/2"C	L2A	26,28,30	DISCONNECT	30/3, NF	
2-10	5				208 V/3-5000 VA	20/3	3#12 & 1#12(G)-1/2"C	L2A	27,29,31	DISCONNECT	30/3, NF	
2-11	3				208 V/3-3000 VA	15/3	3#12 & 1#12(G)-1/2"C	L2A	32,34,36	DISCONNECT	30/3, NF	
2-12	2.5				208 V/3-2500 VA	15/3	3#12 & 1#12(G)-1/2"C	L2A	33,35,37	DISCONNECT	30/3, NF	
2-13	3				208 V/3-3000 VA	15/3	3#12 & 1#12(G)-1/2"C	L2A	38,40,42	DISCONNECT	30/3, NF	
2-14	15				208 V/3-15000 VA	60/3	3#6 & 1#10(G)-1 1/4"C	L2A	39,41,43	DISCONNECT	60/3, NF	

DISCONNECT INTEGRAL TO UNITS, TYPICAL TO ALL VAV UNITS.

1 POWER - 2ND FLOOR PLAN - CITY COUNCIL

SCALE: 1/8" = 1'-0"

SHEET NOTES (#).

1. UNIT POWERED FROM ASSOCIATED OUTDOOR UNIT. PROVIDE 3 #12 & 1 #12G, 3/4"C TO OUTDOOR UNIT AND CONNECT TO DISCONNECT FURNISHED WITH UNIT. EC SHALL INSTALL DISCONNECT.
2. DUPLEX RECEPTACLE FOR MONITOR, REFER TO TECHOLOGY DRAWING FOR SPECIFIED BOX AND MOUNTING HEIGHT.
3. 120V CONDENSATE PUMP, VERIFY LOCATION PRIOR TO ROUGH-IN

Dewberry
2 Riverchase Office Plaza
Suite 206
Hoover, AL 35244
(205) 988-2069
www.dewberry.com

Project Number :
50181599

ALABAMA LICENSED No. 51403 PROFESSIONAL 12/12/2024 ENGINEER ALFRED MICHAEL MASON, JR.

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

NORTH

ARCHITECT OF RECORD :

WILLIAMS BLACKSTOCK ARCHITECTS

2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

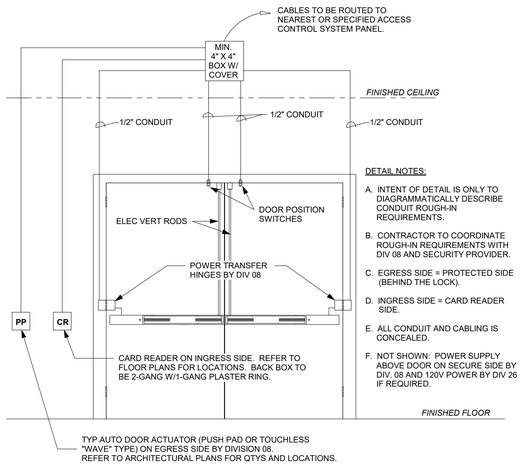
REVISIONS :

NO.	DATE	DESCRIPTION
3	12/13/2024	Addendum #3

PROJECT NUMBER:
23-083

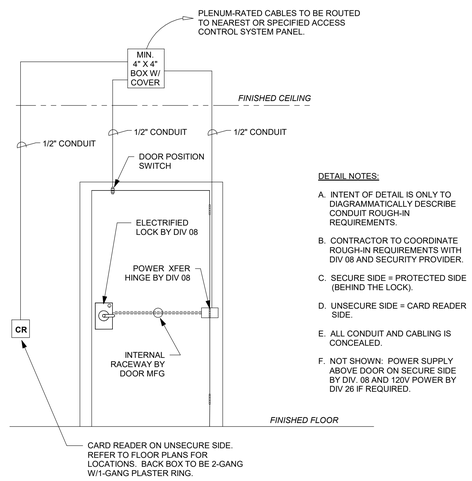
DRAWING TITLE:
ELECTRICAL 2ND FLOOR PLAN - CITY COUNCIL

SHEET NUMBER:
E-403



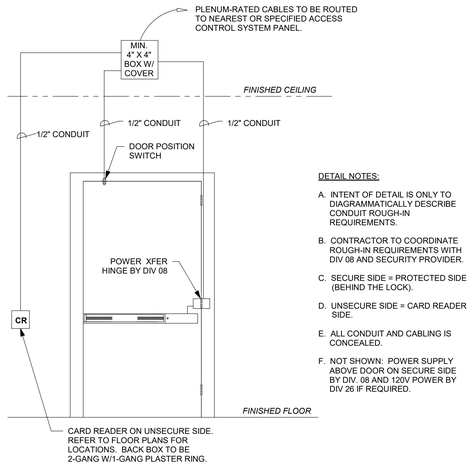
DOOR TYPE D03: CONDUIT ROUGH-IN, TYP AUTO OPER DBL DOOR W/ ACTUATOR(S), CR, ELEC. VERT RODS & PTE BARS

NOT TO SCALE



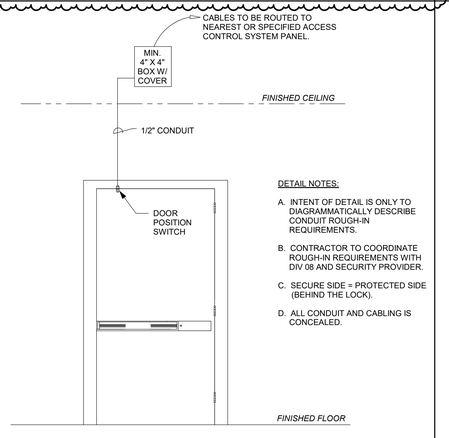
DOOR TYPE S01: CONDUIT ROUGH-IN, TYP SINGLE DOOR W CARD READER & ELEC HDWE

NOT TO SCALE



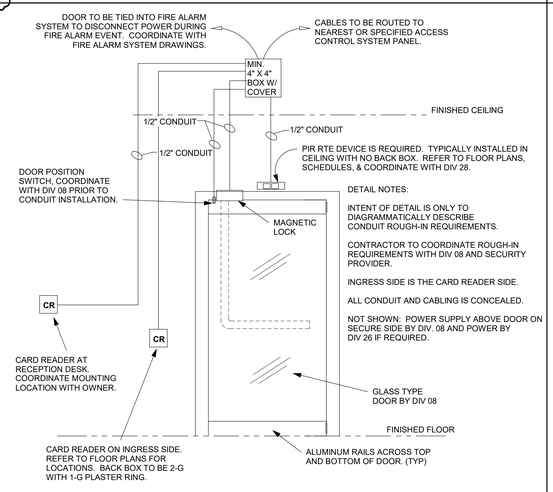
DOOR TYPE S02: CONDUIT ROUGH-IN, TYP SINGLE DOOR W/ CARD READER & ELEC. PUSH-TO-EXIT BAR

NOT TO SCALE



DOOR TYPE S04: CONDUIT ROUGH-IN, TYP SINGLE DOOR, DOOR POSITION SWITCH (DPS) MONITORING ONLY

NOT TO SCALE



DOOR TYPE S11: CONDUIT ROUGH-IN, TYP SINGLE GLASS TYPE DOOR W/ CARD READER AND MAGNETIC LOCK

NOT TO SCALE

Dewberry
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Project Number :
50181599

ALABAMA LICENSED No. 51403 PROFESSIONAL 12/12/2024 ENGINEER. ALFRED MICHAEL MADDUX

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS

CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
2	12/9/2024	Addendum # 2
3	12/13/2024	Addendum #3

PROJECT NUMBER:
23-083

DRAWING TITLE:
TECHNOLOGY - ACCESS CONTROL DETAILS

SHEET NUMBER:
T-005

ACCESS CONTROL SYSTEM SCHEDULE

SPECIAL GENERAL NOTE 1: CONTRACTOR MUST COORDINATE WITH AND FOLLOW THE ARCHITECTURAL DOCUMENTS (ESPECIALLY SPECIFCATION 087100) AND APPROVED DOOR HARDWARE SUBMITTALS.
SPECIAL GENERAL NOTE 2: CODE COMPLIANT, MFG APPROVED, APPROPRIATE CABLING IS REQUIRED FOR ALL DEVICES.
SPECIAL GENERAL NOTE 3: CENTRAL LOCK POWER CABLE TO BE MIN 18 AWG STRANDED. RUNS OVER 150' TO BE MIN 16 AWG STRANDED.

OPENING	OPENING DESCRIPTION	SECURITY CONTRACTOR SCOPE OF WORK	GENERAL OVERVIEW OF DOOR (SEE ARCHITECTURAL DOOR HARDWARE SCHEDULE AND DIVISION 08 SPECIFICATION FOR SPECIFICS)	ROUGH-IN DETAIL	NOTES
CC122A	EGRESS: CORRIDOR 122 INGRESS: LOBBY/EVENT SPACE 125	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CC122B	EGRESS: CORRIDOR 122 INGRESS: EXTERIOR	1 X CR. CTRL OF DOOR.	SINGLE LEAF, FAIL SECURE ELEC PANIC/PUSHBAR HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S02	
CC123	EGRESS: TELECOM 123 INGRESS: CORRIDOR 122	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CC124	EGRESS: ELECT 124 INGRESS: CORRIDOR 122	1 X DPS, MON DPS	ONE LEAF. MECHANICAL FREE EGRESS. DPS.	S04	
CC125A	EGRESS: LOBBY/EVENT SPACE 125 INGRESS: EXTERIOR	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	NO CARD READER. UNLOCK ON SCHEDULE
CC125B	EGRESS: LOBBY/EVENT SPACE 125 INGRESS: EXTERIOR	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	NO CARD READER. UNLOCK ON SCHEDULE
CC125C	EGRESS: LOBBY/EVENT SPACE 125 INGRESS: EXTERIOR	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CC125D	EGRESS: LOBBY/EVENT SPACE 125 INGRESS: EXTERIOR WALKWAY	CR. CTRL DOOR. INT TO: RTE, 2 EA DPS, AUTO OPERATOR, & AUTO ACUTATORS (ALL BY DHC).	DBL LEAF W AUTO OPERATOR AND ACTUATOR(S). MECH FREE EGRESS. ELECTRICALLY UNLOCKED VERT ROD HDWE. 2 X DPS.	D03	
CC126	EGRESS: RECORDS STOR. 126 INGRESS: ELOBBY/EVENT SPACE 125	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CC236	EGRESS: ELEC 236 INGRESS: LOBBY 200	1 X DPS, MON DPS	ONE LEAF. MECHANICAL FREE EGRESS. DPS.	S04	
CC237	EGRESS: DATA 237 INGRESS: LOBBY 200	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CC238	EGRESS: CORRIDOR 238 INGRESS: LOBBY 200	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CC239	EGRESS: ROOF ACCESS 239 INGRESS: CORRIDOR 238	1 X DPS, MON DPS	ONE LEAF. MECHANICAL FREE EGRESS. DPS.	S04	
CC248	EGRESS: VAULT 248 INGRESS: CORRIDOR 238	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CC253	EGRESS: RECEPTION 256 INGRESS:LOBBY 257	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	INT DOOR RELEASE BUTTON
CC258	EGRESS: MAIL ROOM 259 INGRESS: LOBBY 200	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CC262	EGRESS: BRIDGE 262 INGRESS: MERRILL LYNCH BUILDING	1 X CR. CTRL OF DOOR.	SINGLE LEAF, FAIL SECURE ELEC PANIC/PUSHBAR HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S02	
CC264	EGRESS: CONFERENCE 263 INGRESS: EXTERIOR BALCONY	1 X DPS, MON DPS	ONE LEAF. MECHANICAL FREE EGRESS. DPS.	S04	
CH101	EGRESS: VESTIBULE 100 INGRESS: EXTERIOR	CR. CTRL DOOR. INT TO: RTE, 2 EA DPS, AUTO OPERATOR, & AUTO ACUTATORS (ALL BY DHC).	DBL LEAF W AUTO OPERATOR AND ACTUATOR(S). MECH FREE EGRESS. ELECTRICALLY UNLOCKED VERT ROD HDWE. 2 X DPS.	D03	
CH102	EGRESS: LOBBY 102 INGRESS: VESTIBULE 101	CR. CTRL DOOR. INT TO: RTE, 2 EA DPS, AUTO OPERATOR, & AUTO ACUTATORS (ALL BY DHC).	DBL LEAF W AUTO OPERATOR AND ACTUATOR(S). MECH FREE EGRESS. ELECTRICALLY UNLOCKED VERT ROD HDWE. 2 X DPS.	D03	
CH103	EGRESS: OPEN OFFICE 103 INGRESS: LOBBY 102	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CH109B	EGRESS: STAIR S1 INGRESS: VESTIBULE 109	1 X CR. CTRL OF DOOR.	SINGLE LEAF, FAIL SECURE ELEC PANIC/PUSHBAR HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S02	
CH111	EGRESS: GARBAGE 111 INGRESS: LOBBY 102	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CH119	EGRESS: CORRIDOR 119 INGRESS: LOBBY 102	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CH121	EGRESS: ENG STORAGE 121 INGRESS: EXTERIOR	1 X DPS, MON DPS	ONE LEAF. MECHANICAL FREE EGRESS. DPS.	S04	
CH200A	EGRESS: CORRIDOR 201 INGRESS: LOBBY 200	2 X CR, 1 X PIR FOR RTE, CTRL DOOR, INT TO DPS (BY DIV 08)	SINGLE LEAF, GLASS TYPE DOOR, WITH MAGNETIC LOCK AT TOP OF FRAME. FREE EGRESS. PIR AND DPS.	S11	INT SECONDARY CARD READER FOR REMOTE DOOR RELEASE
CH211	EGRESS: MAYOR OFFICE 211 INGRESS: BALCONY 212	1 X DPS, MON DPS	ONE LEAF. MECHANICAL FREE EGRESS. DPS.	S04	
CH218	EGRESS: BREAK TRAINING ROOM 218 INGRESS: EXTERIOR BALCONY	1 X DPS, MON DPS	ONE LEAF. MECHANICAL FREE EGRESS. DPS.	S04	
CH234	EGRESS: IT SERVER 234 INGRESS: CORRIDOR 235	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	
CH300A	EGRESS: CORRIDOR/SEATING 330 INGRESS: LOBBY 300	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	INT DOOR RELEASE BUTTON
CH300B	EGRESS: CORRIDOR 304 INGRESS: LOBBY 300	1 X CR. INT TO DPS BY DHC. CTRL DOOR.	SINGLE LEAF, FAIL SECURE ELEC CYL/MORT HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S01	INT DOOR RELEASE BUTTON
CH312	EGRESS: ELECT 312 INGRESS: OPEN OFFICE 305	1 X DPS, MON DPS	ONE LEAF. MECHANICAL FREE EGRESS. DPS.	S04	
S1-L2	EGRESS: CORRIDOR 209 INGRESS: STAIR S1	1 X CR. CTRL OF DOOR.	SINGLE LEAF, FAIL SECURE ELEC PANIC/PUSHBAR HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S02	
S1-L3	EGRESS: CORRIDOR 304 INGRESS: STAIR S1	1 X CR. CTRL OF DOOR.	SINGLE LEAF, FAIL SECURE ELEC PANIC/PUSHBAR HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S02	
S2-L1	EGRESS: STAIR S2 INGRESS: EXTERIOR	1 X CR. CTRL OF DOOR.	SINGLE LEAF, FAIL SECURE ELEC PANIC/PUSHBAR HARDWARE WITH INTEGRATED RTE. FREE EGRESS. DPS.	S02	

241210

ABBREVIATIONS:
ACS: ACCESS CONTROL SYSTEM **DPS**: DOOR POSITION SWITCH **EOL**: END OF LINE EOLR: END OF LINE RESISTORS **CR**: CARD READER **RTE**: REQUEST-TO-EXIT
PIR: PASSIVE INFRARED MOTION DETECTOR **PTE**: PUSH TO EXIT **ELEC**: ELECTRIFIED **MORT**: MORTISE **DE**: DELAYED EGRESS **MAG**: MAGNETIC **MON**: MONITOR
CYL: CYLINDRICAL **HDWE**: HARDWARE (LOCKSET) **U.O.N.**: UNLESS OTHERWISE NOTED. **EC**: ELECTRICAL CONTRACTOR **DHC**: DIVISION 08 (DOOR HARDWARE) CONTRACTOR
MECH: MECHANICAL **PROV**: PROVIDED **INT**: INTEGRATE(ED) **SGL**: SINGLE **DBL**: DOUBLE **CTRL**: CONTROL **FA**: FIRE ALARM **GC**: GENERAL CONTRACTOR

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Project Number :
50181599

ALABAMA LICENSED No. 51403 PROFESSIONAL ENGINEER. ALFRED MICHAEL MADDAUS 12/12/2024

GADSDEN CITY HALL
100% CONSTRUCTION DOCUMENTS
CITY OF GADSDEN
200 Broad St, Gadsden, AL 35901
23-083

KEY PLAN :

ARCHITECT OF RECORD :
WILLIAMS BLACKSTOCK ARCHITECTS
2204 FIRST AVENUE SOUTH, SUITE 200
BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

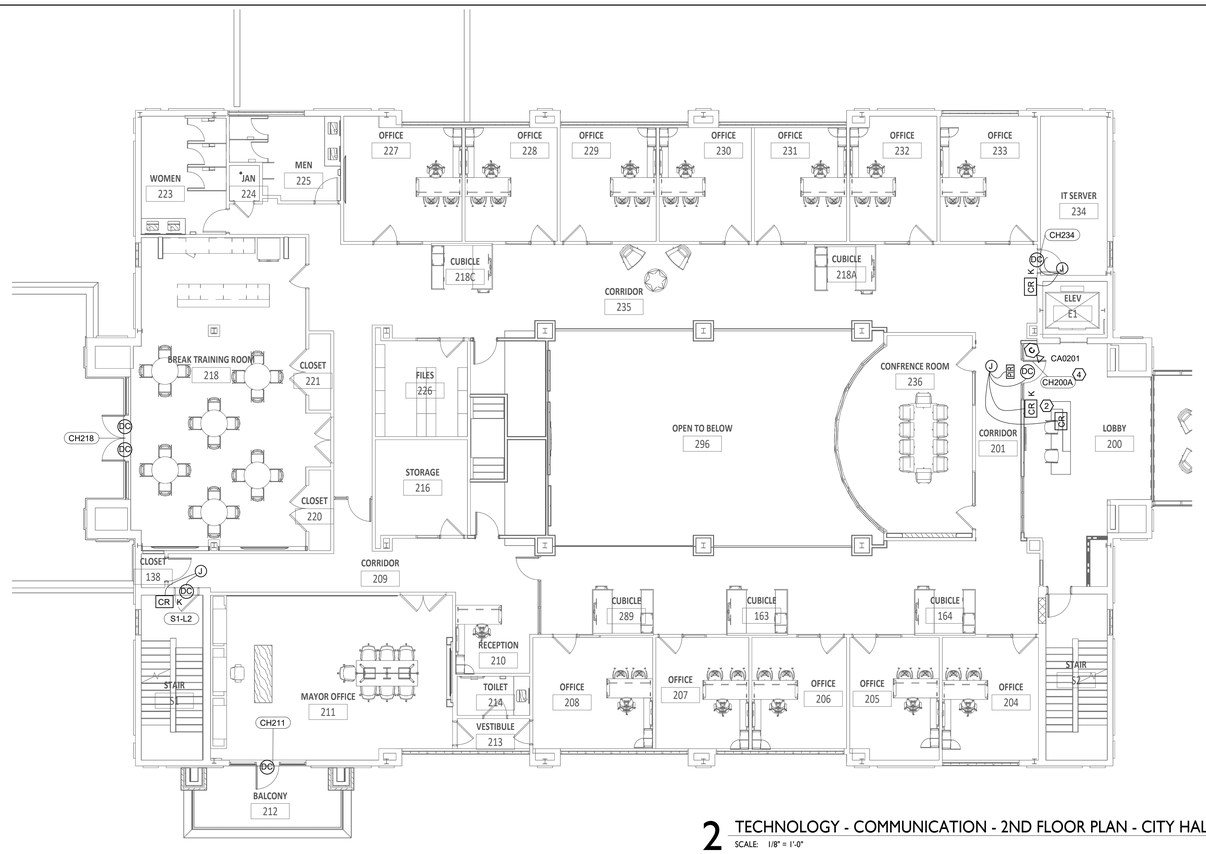
REVISIONS :

NO.	DATE	DESCRIPTION
2	12/9/2024	Addendum # 2
3	12/13/2024	Addendum #3

PROJECT NUMBER:
23-083

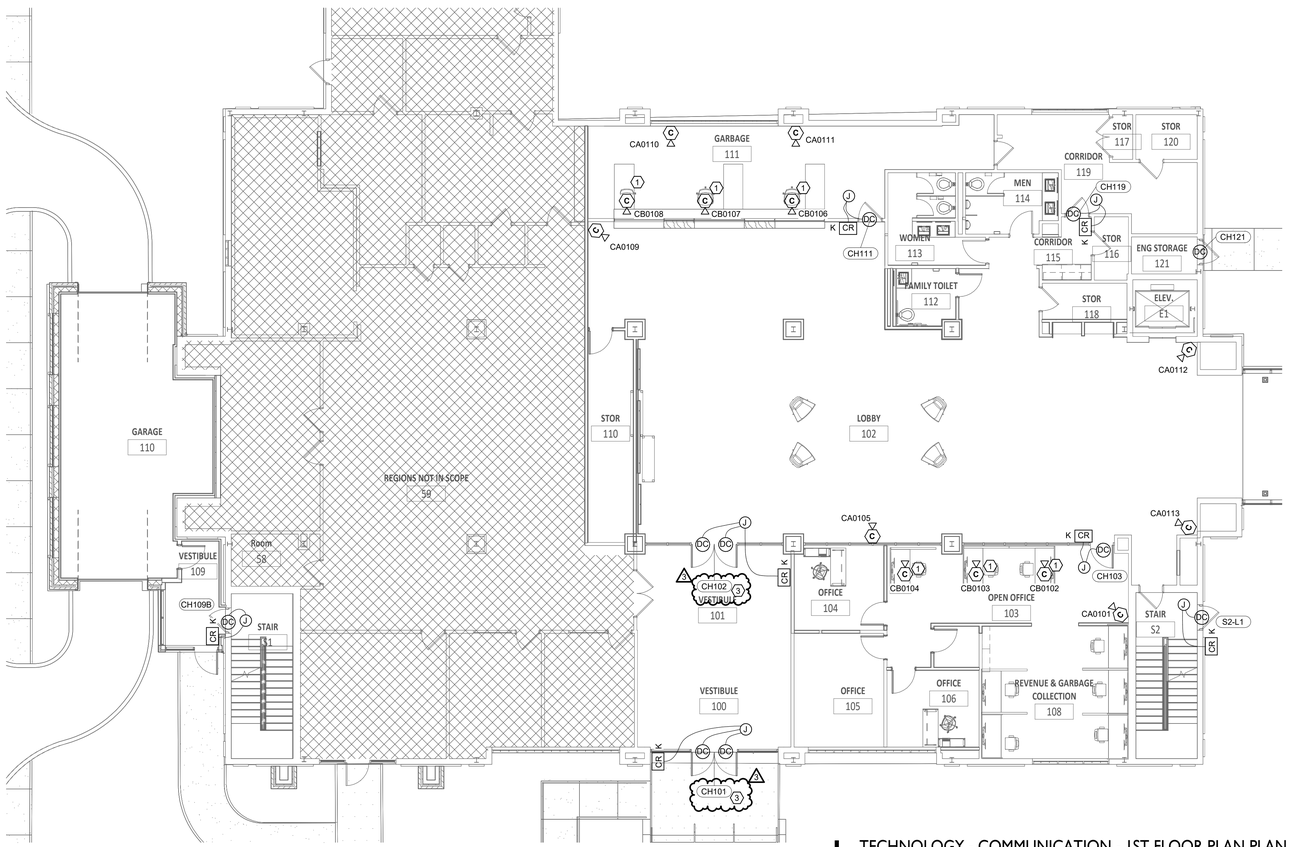
DRAWING TITLE:
TECHNOLOGY - ACS SCHEDULE

SHEET NUMBER:
T-007



2 TECHNOLOGY - COMMUNICATION - 2ND FLOOR PLAN - CITY HALL

SCALE: 1/8" = 1'-0"



1 TECHNOLOGY - COMMUNICATION - 1ST FLOOR PLAN PLAN - CITY HALL

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. THESE DRAWINGS ARE GENERALLY DIAGRAMMATIC IN NATURE AND EXCEPT WHERE SPECIFICALLY DIMENSIONED OR DETAILED, THEY INDICATE THE GENERAL ARRANGEMENT OF THE WORK. THE CONTRACTOR SHALL INSTALL HIS WORK TO CONFORM AS NEAR AS POSSIBLE TO THE LOCATIONS AND ARRANGEMENTS SHOWN, WITH ONLY SUCH MINOR ADJUSTMENTS AS NECESSARY. CONTRACTOR SHALL COORDINATE THE WORK WITH ALL OTHER TRADES TO AVOID INTERFERENCES.

B. FOR ADDITIONAL DEVICE LOCATION INFORMATION, REFER TO ARCHITECTURAL ELEVATION DRAWINGS WHICH TAKE PRECEDENCE.

C. PROJECT CABLING SHALL BE 100% PLENUM-RATED. WHERE CABLES ARE INSTALLED IN CONDUIT THAT IS PLACED IN-SLAB AND/OR BELOW GRADE, INDOOR/OUTDOOR, PLENUM-RATED CABLES SHALL BE INSTALLED.

D. REFER TO TELECOM SHEET T-300 FOR PATHWAYS.

E. REFER TO SHEET T-006 FOR CAMERA SCHEDULE INCLUDING MOUNTING ELEVATIONS, INTENDED FIELD OF VIEW, AND INSTALLATION NOTES.

F. ALL LOW-VOLTAGE DATA CABLES ON THIS DRAWING SHEET SHALL TERMINATE IN IT SERVER 234 ON 2ND FLOOR.

G. LOW-VOLTAGE CABLE TYPE AND JACKET COLOR-CODING SHALL BE AS FOLLOWS:

BLUE =	GENERAL VOICE, DATA AND TV DISPLAYS (CAT 6 UTP)
WHITE =	WIRELESS ACCESS POINTS (CAT 6A UTP)
GREEN =	VIDEO SURVEILLANCE CAMERAS (CAT 6 UTP)
YELLOW =	ACCESS CONTROLS (CAT6 UTP AND COMPOSITE CABLE)
VIOLET =	AUDIOVISUAL HDMI EXTENSION (CAT 6 F/UTP)
GRAY =	AUDIOVISUAL SPEAKERS (2 CONDUCTOR UTP)
GRAY =	MICROPHONE (2 CONDUCTOR W/SHIELD)

KEYED NOTES:

1. CEILING MOUNTED DOME CAMERA TO MONITOR CASH TRANSACTIONS. CAMERA FEEDS MUST BE MASKED TO ONLY DISPLAY COUNTERSPACE WHERE THE CASH WILL BE LAID OUT. ALL FOOTAGE WILL BE RECORDED ON THE SECURITY CAMERA SERVERS AND USE THE SAME SOFTWARE INTERFACE AS OTHER BUILDING SECURITY CAMERAS. CONTRACTOR TO GAIN WRITTEN APPROVAL OF THE OWNER FOR THE UNMASKED FIELD OF VIEW. THE CONFIGURATION SETTINGS FOR THESE CAMERAS SHALL BE PASSWORD PROTECTED.
2. CONTRACTOR TO INSTALL CARD READER ON RECEPTION DESK. COORDINATE LOCATION WITH OWNER. CARD READER TO UNLOCK DOOR CH200A THROUGH THE ACCESS CONTROL PANEL.
3. DOORS CH101 AND CH102 HAVE AUTO OPERATORS. CONTRACTOR TO INTEGRATE OPERATORS WITH ACCESS CONTROL SYSTEM. WHEN CARD READER IS PRESENTED WITH VALID CREDENTIALS, THE ACCESS CONTROL SYSTEM SHALL ACTIVATE THE AUTO DOOR OPERATOR. WHEN THE PUSH PAD (BY DIV 08) IS ACTIVATED ON THE EGRESS SIDE OF THE DOORS, A SIGNAL SHALL BE SENT TO THE ACCESS CONTROL SYSTEM TO ALERT AN APPROVED REQUEST TO EXIT EVENT.
4. ACCESS CONTROLLED DOOR CH200A TO HAVE A MAGNETIC DOOR LOCK. MAGENTIC LOCK SPECIFIED BY DIV 08 TO HAVE INTEGRATED DOOR CONTACT SENSOR. COORDINATE ACCESS CONTROL CABLING WITH MAGNETIC LOCK FOR DOOR STATE MONITORING.

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KEY PLAN :

NORTH

ARCHITECT OF RECORD :
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BIRMINGHAM, ALABAMA 35233

ISSUE DATE:
11-25-2024

REVISIONS :

NO.	DATE	DESCRIPTION
2	12/9/2024	Addendum # 2
3	12/13/2024	Addendum #3

PROJECT NUMBER:
23-083

DRAWING TITLE:
TECHNOLOGY - COMM - 1ST & 2ND FLOOR PLAN - CITY HALL

SHEET NUMBER:
T-400

GENERAL NOTES:

A. THESE DRAWINGS ARE GENERALLY DIAGRAMMATIC IN NATURE AND EXCEPT WHERE SPECIFICALLY DIMENSIONED OR DETAILED, THEY INDICATE THE GENERAL ARRANGEMENT OF THE WORK. THE CONTRACTOR SHALL INSTALL HIS WORK TO CONFORM AS NEAR AS POSSIBLE TO THE LOCATIONS AND ARRANGEMENTS SHOWN, WITH ONLY SUCH MINOR ADJUSTMENTS AS NECESSARY. CONTRACTOR SHALL COORDINATE THE WORK WITH ALL OTHER TRADES TO AVOID INTERFERENCES.

B. FOR ADDITIONAL DEVICE LOCATION INFORMATION, REFER TO ARCHITECTURAL ELEVATION DRAWINGS WHICH TAKE PRECEDENCE.

C. PROJECT CABLING SHALL BE 100% PLENUM-RATED. WHERE CABLES ARE INSTALLED IN CONDUIT THAT IS PLACED IN-SLAB AND/OR BELOW GRADE, INDOOR/OUTDOOR, PLENUM-RATED CABLES SHALL BE INSTALLED.

D. REFER TO TELECOM SHEET T-302 FOR PATHWAYS.

E. REFER TO SHEET T-006 FOR CAMERA SCHEDULE INCLUDING MOUNTING ELEVATIONS, INTENDED FIELD OF VIEW, AND INSTALLATION NOTES.

F. ALL LOW-VOLTAGE DATA CABLES ON THIS DRAWING SHEET SHALL TERMINATE IN IT DATA 237 ON 2ND FLOOR.

G. LOW-VOLTAGE CABLE TYPE AND JACKET COLOR-CODING SHALL BE AS FOLLOWS:

BLUE =	GENERAL VOICE, DATA AND TV DISPLAYS (CAT 6 UTP)
WHITE =	WIRELESS ACCESS POINTS (CAT 6A UTP)
GREEN =	VIDEO SURVEILLANCE CAMERAS (CAT 6 UTP)
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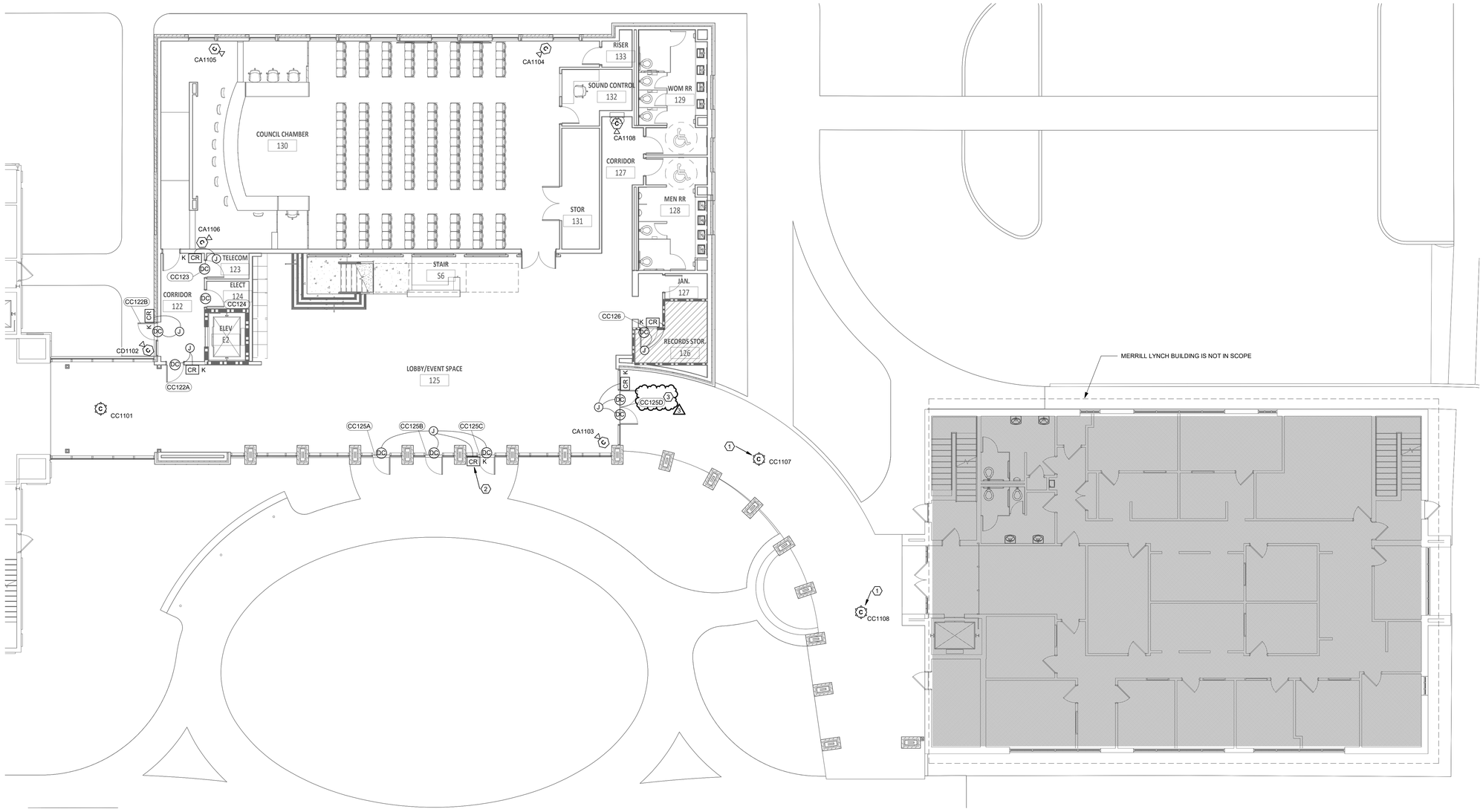
GRAY =	AUDIOVISUAL SPEAKERS (2 CONDUCTOR UTP)
GRAY =	MICROPHONE (2 CONDUCTOR W/SHIELD)

SHEET KEYED NOTES:

1. MOUNT CAMERAS TO UNDERSIDE (CEILING) OF CONNECTOR BRIDGE. PROVIDE 1-INCH CONDUITS WITH PULL STRINGS CONTINUOUS TO ACCESSIBLE CEILING SPACE OF LOBBY/EVENT SPACE 125.
2. THIS CREDENTIAL READER SHALL BE CONFIGURED TO CONTROL ONLY THE ADJACENT DOOR CC125C. DOORS CC125A AND CC125B TO BE LOCKED AND UNLOCKED ON SCHEDULE BY THE ACCESS CONTROL SYSTEM. COORDINATE SCHEDULED HOURS WITH OWNER.
3. DOOR CC125D HAS AN AUTO OPERATOR. CONTRACTOR TO INTEGRATE OPERATOR WITH ACCESS CONTROL SYSTEM. WHEN CARD READER IS PRESENTED WITH VALID CREDENTIALS, THE ACCESS CONTROL SYSTEM SHALL ACTIVATE THE AUTO DOOR OPERATOR. WHEN THE PUSH PAD (BY DIV 08) IS ACTIVATED ON THE EGRESS SIDE OF THE DOOR, A SIGNAL SHALL BE SENT TO THE ACCESS CONTROL SYSTEM TO ALERT AN APPROVED REQUEST TO EXIT EVENT.



TECHNOLOGY - COMMUNICATION - 1ST FLOOR PLAN - CITY COUNCIL

SCALE: 1/8" = 1'-0"

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ISSUE DATE: 11-25-2024

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3	12/13/2024	Addendum #3

PROJECT NUMBER: 23-083

DRAWING TITLE: TECHNOLOGY - COMM - 1ST FLOOR PLAN - CITY COUNCIL

SHEET NUMBER: T-402