



Project	The Falls on Refugee Road	Addendum Number	2
Project Number	23446	Date	06/27/2025
To	All Bidders		

This addendum contains changes to the requirements of the bidding Documents, Project Manual and Construction Drawings which have been issued to date. Such changes are to be incorporated into the Construction Documents and shall apply to the work in the same meaning and force as if they had been included in the original documents. Wherever this Addendum modifies a portion of a paragraph of the Project Manual or a portion of any Drawing, the remainder of the paragraph or Drawing shall remain in force.

General:

1. Pre bid sign in sheet is attached to this Addendum. See attachments.

Specifications	i) 00 01 10 – TABLE OF CONTENTS Updated as described below. ii) 05 70 00 – DECORATIVE METALS Section added to project manual. iii) 10 14 19 – DIMENSIONAL LETTER SIGNAGE Section removed from project manual.
Drawings	1) G001 - DRAWING INDEX i) Added sheet G150, A350A, A350B, A350C, A350D, A351, A423, A444, ii) Deleted Sheet A931 2) G100A – BUILDING A LIFE SAFETY i) Relocated attic access panels 3) G100B – BUILDING B LIFE SAFETY i) Relocated attic access panels 4) G100C – BUILDING C LIFE SAFETY i) Relocated attic access panels 5) G150 – SIGNAGE SCHEDULE i) Sheet added to set 6) G200 – BUILDING ASSEMBLIES SCHEDULE i) Deleted demountable glass system schedule 7) G400A – BUILDING A – GROSS AREA i) Revised areas for sprinkler rm 8) G400B – BUILDING B – GROSS AREA i) Revised areas for sprinkler rm 9) A106D- CLUBHOUSE - FLOOR & ROOF PLANS i) Added Coded note 13



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- ii) Added demountable glass partition to the fitness area
 - iii) Adjusted sizes of column enclosures in fitness rm
 - iv) Add plumbing chases to fitness rm and leasing
- 10) A201A – BUILDING A LEVEL 01 & 02 RCP
- i) Added rated gyp ceiling G2 to sprinkler rm
 - ii) Removed vinyl soffit at breezeway
- 11) A202A – BUILDING A LEVEL 03
- i) Relocated attic access panel
 - ii) Revised breezeway ceiling to vinyl soffit
 - iii) Added dimensions to balcony vinyl soffit
- 12) A203B – BUILDING B LEVEL 01 & 02 RCP
- i) Added rated gyp ceiling G2 to sprinkler rm
 - ii) Removed vinyl soffit at breezeway
- 13) A204B – BUILDING B LEVEL 03
- i) Relocated attic access panel
 - ii) Revised breezeway ceiling to vinyl soffit
 - iii) Added dimensions to balcony vinyl soffit
- 14) A205C – BUILDING A LEVEL 01, 02 & 03 RCP
- i) Added rated gyp ceiling G2 to sprinkler rm
 - ii) Removed vinyl soffit at level 01/02 breezeway
 - iii) Relocated attic access panel
 - iv) Revised level 03 breezeway ceiling to vinyl soffit
 - v) Added dimensions to level 03 balcony vinyl soffit
- 15) A206D - CLUBHOUSE - LEVEL 01 & 02 RCP
- i) Updated ceiling and lights at leasing, restroom and corridor areas.
 - ii) Added information regarding opening height in clubroom opening.
 - iii) Revised fitness room ceiling for increased column enclosure
- 16) A310A – BUILDING A ELEVATIONS
- i) Revised note for alternate to direct to A350
- 17) A310B – BUILDING B ELEVATIONS
- i) Revised note for alternate to direct to A350
- 18) A310C – BUILDING C ELEVATIONS
- i) Revised note for alternate to direct to A350
- 19) A310D – CLUBHOUSE ELEVATIONS
- i) Revised note for alternate to direct to A350
- 20) A350A – ALTERNATE BUILDING A ELEVATIONS
- i) Added sheet to set
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- 21) A350B – ALTERNATE BUILDING B ELEVATIONS
 - i) Added sheet to set
 - 22) A350C – ALTERNATE BUILDING C ELEVATIONS
 - i) Added sheet to set
 - 23) A350D – ALTERNATE CLUBHOUSE ELEVATIONS
 - i) Added sheet to set
 - 24) A351 – ALTERNATE DETAILS
 - i) Added sheet to set
 - 25) A422 – WALL SECTIONS – CLUBHOUSE
 - i) Updated keynote for simulated wood trim in detail #2
 - 26) A423 – WALL SECTIONS – CLUBHOUSE
 - i) Added the sheet and detail.
 - 27) A440 - EXTERIOR DETAILS – SECTION
 - i) Updated detail key notes as clouded.
 - 28) A441 - EXTERIOR DETAILS – SECTION
 - i) Updated detail key notes as clouded.
 - 29) A442 - EXTERIOR DETAILS
 - i) Updated detail key notes as clouded.
 - 30) A443 - EXTERIOR DETAILS
 - i) Updated detail key notes as clouded.
 - ii) Added detail as clouded.
 - 31) A444 – EXTERIOR DETAILS
 - i) Added sheet to set
 - 32) A502 – ENLARGED UNIT PLANS - 2 BED
 - i) Kitchen island shifted as clouded.
 - 33) A509 - ENLARGED UNIT PLANS – CLUBHOUSE
 - i) Kitchen island shifted as clouded.
 - 34) A513 - ENLARGED PLANS, ELEVATIONS & CASEWORK DETAILS – CLUBHOUSE
 - i) Added demountable glass in Elevation 5.
 - 35) A610 – STAIR & RAILING DETAILS
 - i) Removed vinyl soffit below joists
 - 36) A700 – DOOR & WINDOW SCHEDULE
 - i) Revised hardware sets as clouded
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- 37) A800A - FINISH SCHEDULE/LEGEND
- i) Counters- Quartz – Added 3 cm and countertops.
 - ii) ST-1 – Added Kitchen unit countertops.
 - iii) ST-2 – Added lavatory / vanity (Unit bath) countertops.
 - iv) Deleted rynone cultured marble vanity top.
- 38) A825D – INTERIOR DETAILS – CLUBHOUSE
- i) Sheet added to set

Other	Refer to attached Addendum descriptions and attachments provided by Korda Engineering (Site/Civil), Prater Engineering (MEP), Jezerinac Geers (Structural) and EDGE (Landscape).
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Attachments	Specifications: : 00 01 10; 05 70 00 Prebid sign in sheet Drawings: G001, A106D, A206D, A422, A423, A440, A441, A442, A443, A502, A309, A503, A800A. Refer to items listed under “Other” above.
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RFI's

1. Sheet TS1 (Original Survey) is referenced on the drawing sheets listed above; however, sheet TS1 is not included in the drawings provided.

Response: Topographic survey will be included in a future Addendum.
2. Drawing E401-Detail Apartment Telecom Wiring Diagram says that the Cat 6 cable and the RG6 Coaxial from the flush enclosure in apartment to the telephone outlets in the apartment unit is by the electrical contractor. Specification Section 270528 1.01.C, states all low voltage cabling, outlet jacks and associated equipment will be installed by others, unless noted otherwise, during construction prior to closure of walls and ceilings. Is there communication cabling required by the electrical contractor for this project? Please clarify the scope of work in all buildings required by the electrical contractor, which may include data outlets in the clubhouse and phone lines to sprinkler monitoring panels. Also, please provide 27 00 00 specifications for any and all work required.

Response: The Electrical Contractor will provide cat6 wiring to the data outlets in the apartment. The detail on sheet E401 has been updated to exclude RG6 Cable. Data outlets in the clubhouse will have one cat6 cable that will terminate at the telecom backboard in the electrical room.
3. Will telecom outlets be required in each of the apartment bedrooms? None are shown in apartment enlarged unit electrical plans at this time, but typically see this included in these types of projects. Please advise.

Response: Yes, there will be 1 telecom outlet in each bedroom, and two in each living room, one of which will be for the wireless router at 72”.



4. Hardware manufacturers listed in the specifications call for Sargent mortise locks, Von Duprin or Sargent exit devices and LCN closers. Again, we usually see grade 2 commercial hardware for common areas and residential grade hardware for the unit interiors.

Response: Price Grade 1 hardware as indicated.

5. Grading Plans Missing Elevations

Response: Addressed in addendum #2.

6. Please confirm is a performance bond is required. If required, will they be phased based on initial early release award and the full contract amount at time of the GMP execution. For clarity, the contractor will only be required to bond the contract amount being issued at each phase, opposed to the anticipated budget from the time of award?

Response: Performance bond is not required.

7. Please confirming anticipated timing of the executed GMP and or Notice to Proceed with the GMP work.

Response: Anticipated execution of GMP to be prior to NTP. Per RFP Page 1, NTP expected to be sometime November 2025.

8. Please confirm the 18 months Construction Schedule is based on the Notice to Proceed with the overall GMP.

Response: Confirmed. NTP to follow executed GMP finalized with awarded GC.

9. Please confirm the entitlements have been completed or will be completed by the Owner. If Contractor responsibility, please clarify the intended scope of work.

Response: No entitlements will be done by the General Contractor.

10. Please confirm if the drawings have been submitted for permit and/or what the anticipated timeframe is to receive permit.

Response: Documents have not been submitted for permit at this time. It is anticipated that permits will be submitted in late August 2025.

11. Please provide a project specific copy of the Census Docs 500 Contract Form.

Response: Will be distributed with future addendum.



	12. During the Pre-Proposal conference it was noted that AEP is still working to locate the transformer, please provide anticipated location. <i>Response: Transformer locations will be provided in the future Addendum.</i> 13. Please confirm if the North and South Detention center have to be installed as part of the temporary stormwater management during the actual construction. <i>Response: They are part of SWPPP as indicated on the Erosion Control Plans.</i> 14. Please verify Zip-Wall can be installed at the exterior ILO Tyvek. <i>Response: The zip wall system has the air barrier incorporated into it with taped joints per the manufacturer's guidelines. The manufactured stone areas call out an additional water resistive drainage mat over the zip system.</i> 15. Foundation Note #2 on S101-A states to "Replace Weakened Soil with lean concrete or Flowable Fill". Does CMHA want to carry an allowance for this, provided the weakened soil is not caused by the contractor? <i>Response: No allowance.</i> 16. Refer to details 4 and 5 on S300 (as example); can Contractor install the concrete footer and stem wall monolithically? <i>Response: YES</i> 17. Specification 051200 references Structural Steel but there are no members shown on the drawings, please clarify if required and provide updated drawings details if so. <i>Response: There is no structural steel in this project and the specification section can be removed.</i> 18. Please confirm Owner is providing Commissioning Agent, 3rd Party Material Inspections and 3rd Party Building Code Inspections. <i>Response: CMHA will hire a third party firm to provide construction material testing and inspection services required by the City of Columbus. It is our understanding that commissioning is not required for dwelling units.</i> 19. Sheet A202A shows Wood Grain pattern at Balcony Ceiling that does not correlate to the Legend, please confirm WD4 Wood Ceiling finish at these location. Same for A204B, A205C. <i>Response: Wood grain pattern has been revised. Balcony ceiling revised to a vinyl system</i>
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	20. Please confirm what Plastic Fabrications (066000) are; refer to details 1, 2, 4, 6 and 12 on sheet A441 for an example of this. <i>Response: This item is the simulated wood trim 06 65 00 rather than the 06 60 00 noted. Addressed in Addendum #2.</i> 21. Please confirm gypcrete is required, no details provided? <i>Response: Gypcrete shall not be a part of the construction documents. Please notify the design team of a location gypcrete was referenced.</i> 22. Confirm if Davis-Bacon wage scale is required and what Act governs. <i>Response: Answered in Addendum #1. Davis Bacon not applicable.</i> 23. Confirm if MBE + FBE requirements are needed <i>Response: Requirements for MBE or Section 3 participation are only Goals. GC is to provide good faith effort to help CMHA meet goals.</i> 24. Please clarify the extent of felled trees to be removed as well as underbrush. Will this be done prior to us coming to the site or is the clearing and removal of felled trees our responsibility? <i>Response: Contractor is responsible for the removal of felled trees.</i> 25. While trying to piece together the 5 match line sections of the grading/storm plans, I notice a slight problem. Sheet 4/24 is the overall site grading / storm plan. Sheet 6/24 is the upper right section and sheet 8/24 is the lower right section. Neither of these 2 sheets align with the overall plan, sheet 4/24, yet they do align with the sections immediately to their left respectively. Sheet 6/24 aligns with 5/24 and sheet 8/24 aligns with 7/24. Please clarify how to align the sheets. If a cad file is available, that would be the best solution <i>Response: This was responded as part of Addendum #1. CAD file was provided as part of Addendum #1.</i> 26. There has been reference made to an existing site survey, sheet TS-1. I do not see it within the drawings posted. Please provide the existing site survey if possible. Thank you <i>Response: Existing survey to be provided in a future Addendum.</i> 27. The fixture schedule calls out for a P2 and P3, but there is no fixture shown on the lighting schedule. Please advise as to what fixture to use, or if I should carry a specific allowance for that type.
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Response: Fixtures P2 and P3 have been added to the fixture schedule and will be provided in the next addendum.

28. Floor details showing only one floor type at the moment. The Drawings have one for LVP1 but no other ones. They all say TBD. Please clarify

Response: This was addressed as part of Addendum #1.

29. Please clarify the shingle and impact rating. I see lots of bids that specs out the premium shingles and Class IV rating, but they were looking at the everyday shingles.

Response: Basis of design is "Dimensional". Substitutions will be considered.

30. Please confirm Owner will be responsible for the cost of all incoming utility permanent services or indicate an allowance amount to carry in the proposal.

Response: All costs will be paid or reimbursed by the Owner. CMHA is working on this and will establish Allowances in final addendum

31. Are there any allowances CMHA wants the contractor to carry in the GMP?

Response: CMHA is working on this and will establish Allowances in final addendum.

32. There is a ADA Interior Sign TYPE Drawing A931 but I do not see a schedule. Sometimes not all types are relevant as well. Also, there is a Sign Type P denoting plaque, but no info is given if applicable.

Response: See legend on G150. Signage location and types are indicated on Life safety plans.

33. There is a Spec, Section 101419 for Cast Aluminum Letters. Where are they shown?

Response: Not in the project currently. Specs updated in addendum #2.

34. The details for the railings are incomplete, please confirm if the railings for the Stair Structures and Apartment Balconies are to be Carbon Steel or Aluminum. Detail 10/A610 appears to depict aluminum railings, and the Pool railings are to be Aluminum by Ameristar, but there are no details showing steel sizes for the Railings on A610.

What is the required finish for the railings?

Response: A610 updated in Addendum #2 to indicate railing materials. Refer to specification Section 05 70 00 issued with this Addendum #2 for additional information. Apartment balconies will have aluminum railings – Series 9P Picket Railing.

35. It's not clear if the Keso or Primus cylinder cores are required. Can you please verify if we still need those or if we can use a standard Yale SFIC core?



Response: Approved Alternates of SFIC can be used in lieu of specified cores if approval through substitution request is utilized during bidding.

36. Is Patterson Pools the contractor we have to use for the pool install?

Response: No. The specification is written to allow for other pool contractors to be able to bid. Patterson Pools will be submitting the pool permit to ODH.

37. On FP drawings FP101A, FP103-B & FP105-C show 2 risers for each Building. One for the 1st level and one for levels 2 & 3. Can we have just one riser for the entire Building? This will save material for the added riser and added main piping. The branchline piping will still rise up in the walls but using sidewalls throughout the entire building or stacks.

Response: One riser per building is acceptable. The drawings have been updated and included in Addendum #2. The sprinkler layout design is the responsibility of the Fire Protection Contractor. The Architect shall approve the general locations of the sprinkler heads. Sprinkler supply riser piping shall not be located in exterior or breezeway wall structures.

38. The FP plans also show dropping down underground twice and rising back up twice to avoid crossing the breezeways. Can there be two insulated enclosures above the 1st floor ceilings where the piping will cross to protect the wet piping in those areas?

Response: Insulated enclosures at the ceiling are not acceptable.

39. Do you know where I can get a list of General Contractors that might be bidding so I can get them my quote?

Response: Sign in sheet is attached in Addendum #2.

40. There is a Spec Section 101419 for Dimensional Lettering. Could not find any. Are there any?

Response: Not in the project currently. Specs updated in addendum #2.



ADDENDUM NO. 2

Owner: Columbus Metropolitan Housing Authority

Project: The Falls on Refugee Road
3355 Refugee Road
Columbus, OH 43232

AUTOCAD

1. CAD base with proposed contours.

DRAWINGS

1. SHEET C204 – OVERALL STORM SEWER & GRADING PLAN
 - A. **ADD** general note 19.
2. SHEET C205 – STORM SEWER & GRADING PLAN
 - A. **REVISE** proposed contours.
 - B. **ADD** spot grades and multileaders for detailed grading.
 - C. **ADD** downspouts and roof drains with associated cleanouts.
3. SHEET C206 – STORM SEWER & GRADING PLAN
 - A. **REVISE** proposed contours.
 - B. **ADD** spot grades and multileaders for detailed grading.
 - C. **ADD** downspouts and roof drains with associated cleanouts.
4. SHEET C207 – STORM SEWER & GRADING PLAN
 - A. **REVISE** proposed contours.
 - B. **ADD** spot grades and multileaders for detailed grading.
 - C. **ADD** downspouts and roof drains with associated cleanouts.



5. SHEET C208 – STORM SEWER & GRADING PLAN
 - A. **REVISE** proposed contours.
 - B. **ADD** spot grades and multileaders for detailed grading.
 - C. **ADD** downspouts and roof drains with associated cleanouts.

6. SHEET C209 – STORM SEWER & GRADING PLAN
 - A. **REVISE** proposed contours.
 - B. **ADD** spot grades and multileaders for detailed grading.
 - C. **ADD** downspouts and roof drains with associated cleanouts.

7. SHEET C210 – STORM SEWER DETAILS
 - A. **REVISE** detail G, drain basin.
 - B. **REVISE** detail A, Outlet Control Structure 11.
 - C. **REVISE** detail B, Outlet Control Structure 5.

8. SHEET C211 – STORM SEWER DETAILS
 - A. **REVISE** detail A, Outlet Control Structure 1.
 - B. **REVISE** detail B, South Basin elevations.

9. SHEET C214 – STORM SEWER PROFILES
 - A. **ADD** roof drain inverts to structure 6, 16, and 19 in profile.

10. SHEET C215 – STORM SEWER PROFILES
 - A. **ADD** roof drain inverts to structures 20, 29, 30, and 31 in profile.

11. SHEET C216 – STORM SEWER PROFILES
 - A. **ADD** roof drain inverts to structures 32, 41, and 45 in profile.
 - B. **ADD** compacted fill area per item 203.

11. SHEET C217 – OVERALL EROSION AND SEDIMENT CONTROL PLAN
 - A. **REVISE** construction entrance and concrete washout location.



12. SHEET C218 – EROSION AND SEDIMENT CONTROL PLAN

- A. **ADD** downspouts and roof drains with associated cleanouts.

13. SHEET C219 – EROSION AND SEDIMENT CONTROL PLAN

- A. **ADD** downspouts and roof drains with associated cleanouts.
- B. **REVISE** construction entrance and concrete washout location.

14. SHEET C220 – EROSION AND SEDIMENT CONTROL PLAN

- A. **ADD** downspouts and roof drains with associated cleanouts
- B. **REVISE** construction entrance and concrete washout location.

15. SHEET C221 – EROSION AND SEDIMENT CONTROL PLAN

- A. **ADD** downspouts and roof drains with associated cleanouts.
- B. **REVISE** construction entrance and concrete washout location.

16. SHEET C222 – EROSION AND SEDIMENT CONTROL PLAN

- A. **ADD** downspouts and roof drains with associated cleanouts
- B. **REVISE** construction entrance and concrete washout location.

17. SHEET C305 – SANITARY PROFILES

- A. **ADD** anti infiltration barrier between sanitary and storm sewer crossings.
- B. **ADD** roof drain crossings.

18. SHEET C306 – SANITARY DETAILS

- A. **ADD** detail A, Anti-Infiltration & Inflow Barrier.

19. SHEET C407 – WATER SERVICE PLAN & PROFILE

- A. **ADD** 4" domestic water line profile
- B. **ADD** roof drain crossings.

20. SHEET C408 – UTILITY NOTES & DETAILS

- A. **REVISE** sheet number.



21. SHEET C409 – UTILITY DETAILS

- A. **REVISE** sheet number.

22. SHEET C410 – WATER SERVICE PLAN & PROFILE

- A. **ADD** roof drain crossings.
- B. **REVISE** sheet number.

23. SHEET C411 – WATER SERVICE PLAN & PROFILE

- A. **ADD** roof drain crossings.
- B. **REVISE** sheet number.

24. SHEET C412 – WATER SERVICE PLAN & PROFILE

- A. **REVISE** sheet number.

Date June 24, 2025
Project Title The Falls on Refugee Road
To All Plan Holders
Purpose Modify the Construction Documents
Distribution

This Addendum supplements and amends the original Plans and Specifications and shall be taken into account in preparing proposals and shall become a part of the contract documents.

DRAWING REVISIONS:

1. L1.01 - LANDSCAPE PLAN - OVERALL SITE
 - a. Add sign location along Refugee with associated landscaping. Quantities specified on L1.02.
 - b. Updated entry drive revision along Refugee. Adjust seed coverage amount.
2. L1.02 - LANDSCAPE PLAN - NORTH
 - a. Add sign location along Refugee with associated landscaping.
 - b. Updated entry drive revision along Refugee. Adjust seed coverage amount.
 - c. Adjusted plant layout and quantities for transformer locations.
3. L1.03 - LANDSCAPE PLAN - SOUTH
 - a. Adjusted plant layout and quantities for transformer locations.
4. L1.04 - LANDSCAPE DETAILS
 - a. Adjusted plant quantities on plant schedule.
5. L1.05 - SITE DETAILS
 - a. Added monument sign detail #7. Detail provided for design intent only as noted.

SPECIFICATION REVISIONS:

No changes



CMHA Refugee Road

June 25, 2025

JGA Project 24.35.061

Addendum 2 Narrative

Refer to the attached updated sheets and descriptions below.

S101-A, S103-B, S105-C, S107-D, S109-G – Foundation Plan (Buildings A, B, C, D, G1 & G2)

- 1) Updated footing schedule.

S102-A, S104-B, S106-C – Roof Framing Plan (Buildings A, B & C)

- 1) Updated roof framing notes.

S107-D – 2nd Floor Framing Plan (Building D)

- 1) Revised west stairs.
- 2) Added the stair landing framing plan for west stairs.
- 3) Updated the wood beam schedule.
- 4) Added details 1&2/S311 for west stairs.

S109-G – Foundation Plan (Garage G1/G2)

- 1) Revised detail 11 to include 11A and 11B. Updated detail 11 to reflect concrete curb in the garages. Revised detail to include 11A and 11B.

S300 – Foundation Details

- 1) Updated detail 11 to reflect concrete curb in the garages. Revised detail to include 11A and 11B.

S311 – Framing Details

- 1) Added sheet.
- 2) Added details 1&2/S311.

End of Narrative.

Refugee Rd Addendum 2 Narrative

Electrical

1. E100 – Electrical site plan
 - a. Corrected coded notes.
 - b. Labeled Garages.
 - c. Added lighting bollard detail.
 - d. Revised quazite box size for future ev chargers.
 - e. Revised lighting control note.
 - f. Added ground mounted floodlight detail.
 - g. Added floodlight for exterior signs.
 - h. Transformer location moved.
 - i. Ev charger detail note revised.
2. E101 – Electrical Clubhouse Plan
 - a. Added receptacle near pool per NEC 680.22 requirement.
3. E101-A, E102-A, E103-B, E104-B, E105-C, E106-C – Overall building plans
 - a. Added unit tags.
 - b. Added a lighting contactor in equipment room for breezeway lighting and exterior lighting.
 - c. Adjusted coded notes.
4. E107-D – Clubhouse
 - a. Added unit tags.
 - b. Added a lighting contactor in mechanical room.
 - c. Adjusted note for OAF connection.
 - d. Changed hardwired RCP-1 to a receptacle.
 - e. Moved location of exit sign and switches for community room.
 - f. Moved receptacle and lighting in new restroom.
 - g. Added receptacle and data outlet for copiers.
 - h. Removed data outlet in conference room.
 - i. Telecom backboard added to electrical room.
5. E108 – Garages
 - a. Corrected fixtures from W4's to W3's.
6. E200, E201, E202 – Electrical Unit plans
 - a. Added general note for dishwashers.
 - b. Added switch and power for kitchen exhaust fans.
7. E300, E301 – Electrical One-line Diagrams

- a. Adjusted grounding and wire sizes.
 - b. Added fuses to clubhouse service disconnect.
 - c. Revised one-line for single transformers for each building.
- 8. E302 – Electrical schedules
 - a. Panel schedules updated per addendum changes.
- 9. E400 – Electrical details
 - a. Added fixture FL1.
- 10. E401 – Electrical details
 - a. Edited apartment telecom wiring diagram.
 - b. Added exterior lighting control diagram.
 - c. Added clubhouse exterior lighting control diagram.
 - d. Removed sprinkler control panel detail.
 - e. Added telecom backboard ground bar detail.

HVAC

- 1. H100 – HVAC site plan
 - a. Revised outdoor unit layout at the clubhouse.
- 2. H101-A – Building A – Level 01 & 02
 - a. Updated outdoor unit tags to include alternate orientation of building A.
 - b. Updated indoor unit tags to include alternate orientation of building A.
- 3. H102-A – Building A – Level 03
 - a. Updated indoor unit tags to include alternate orientation of building A.
- 4. H103-B – Building B – Level 01 & 02
 - a. Updated outdoor unit AH tags.
 - b. Updated indoor unit AH tags.
- 5. H104-B – Building B Level 03
 - a. Updated indoor unit AH tags.
- 6. H105-C – Building C – Level 01 & 02
 - a. Updated outdoor unit AH tags.
 - b. Updated indoor unit AH tags.
- 7. H106-C – Building C Level 03
 - a. Updated indoor unit tags.
- 8. H107-D – Building D Level 01 & 02
 - a. Updated outdoor unit tags.
 - b. Updated indoor unit tags on level 02.
 - c. Added coded notes for refrigerant piping.
 - d. Revised duct size for duct above the restrooms.
 - e. Revised duct size above fitness center.
 - f. Revised duct size for branch duct serving D106 Marketing.
 - g. Added duct sizes and revised return air device in D101 Lobby.
- 9. H-200 – Enlarged Unit HVAC Plans

- a. Revised duct layouts for all enlarged units plans.
 - b. Added kitchen exhaust fans (EF-K).
 - c. Added coded note regarding dryer equivalent duct length label.
- 10. H-201 – Enlarged Unit HVAC Plans
 - a. Revised duct layouts for all enlarged units plans.
 - b. Added kitchen exhaust fans (EF-K).
 - c. Removed coded notes 14 & 15.
- 11. H-202 – Enlarged Unit HVAC Plans
 - a. Revised duct layouts for all enlarged units plans.
 - b. Added kitchen exhaust fans (EF-K).
 - c. Removed coded notes 14 & 15.
- 12. H-300 – HVAC Schedules
 - a. Updated information for Split System Heat Pump Schedule.
 - b. Removed notes from HVAC Notes.
 - c. Added missing Equipment Notes regarding intake/exhaust terminals and destratification fan in building D gallery.
 - d. Removed air device type C from Air Terminal Schedule.
 - e. Updated dryer equivalent lengths in the Dryer Equivalent Lengths Calculations.
 - f. Revised remarks for EF-K.
- 13. H-301 – HVAC Details
 - a. Removed pipe curb detail.
 - b. Removed dryer exhaust detail for top floor rough-in.
 - c. Added outdoor unit/refrigeration piping detail.

Fire Protection

- 14. FP101-A – Building A Fire Protection Plans
 - a. Revised fire protection layout for one system riser.
 - b. Revised Coded Notes 6, 7, 8, & 9.
- 15. FP103-B – Building B Fire Protection Plans
 - a. Revised fire protection layout for one system riser.
 - b. Revised Coded Notes 6, 7, 8, & 9.
- 16. FP105-C – Building C Fire Protection Plans
 - 1. Revised fire protection layout for one system riser.
 - 2. Revised Coded Notes 9, 7, 8, & 9.
- 17. FP106-D – Building D Fire Protection Plans
 - 1. Revised Level 01 fire protection layout due to plan updates.
 - 2. Revised Coded Notes.
- 18. FP-201 – Fire Protection Enlarged Plans & Details

1. Revised Buildings A, B, & C Enlarged Sprinkler Riser Closet Plan for one system riser.
 2. Revised Buildings A, B, & C Fire Water Service Riser Diagram for one system riser.
 3. Revised Coded Note 4.
19. FP-301 – Fire Protection Notes, Schedules & Details
- a. Revised electric voltage for the Electric Alarm Bell.

Plumbing

20. P106-D – Building D Level 01 & 02 Plumbing Plans
1. Revised Level 01 Plumbing Sanitary Plan due to plan updates.
21. P107-D
- a. Revised Level 01 Plumbing Supply Plan due to plan updates.
 - b. Revised Enlarged Level 01 Plumbing Supply Plan due to plan updates.
 - c. Revised Coded Note 26.
 - d. Added Coded Notes 29 & 30.
22. P-301 – Plumbing Notes, Schedules & Legends
1. Revised specifications for fixtures L1 & L2 in Plumbing Equipment Schedule.
 2. Revised specification for RCP-1 in Plumbing Equipment Schedule.
 3. Revised specification for BV-1 in Plumbing Equipment Schedule.
23. P-401 – Plumbing Details
- a. Revised EWH-2 Water Heater Piping Diagram.



COLUMBUS METROPOLITAN
HOUSING AUTHORITY

Columbus Metropolitan Housing Authority
880 East 11th Avenue
Columbus, Ohio 43211
www.cmhanet.com

CONSTRUCTION MANAGER AT RISK – THE FALLS RFP PRE-SUBMISSION MEETING – SIGN-IN SHEET

Project:	The Falls	Meeting Date:	05/21/2025
Facilitator:	Mike Wagner	Place/Room:	880 E. 11 th Ave. – Conf. 1B

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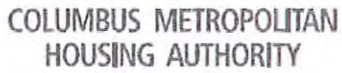
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APPENDICES

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Appendix B Geotechnical Engineering Report (for reference)

Appendix C FF&E Schedule and Specifications

Added Add 01 – 06/11/2025

**SECTION 05 70 00
DECORATIVE METALS**

PART 1 GENERAL**1.01 WORK INCLUDED**

- A. Provide all miscellaneous ornamental metal items specified hereunder, including all design, materials, fabrication, fastenings and accessories required for finished installations, where indicated on drawings or otherwise necessary for completion of the project. Work includes, but is not limited to, the following:
 - 1. Decorative handrail and railing systems, both interior and exterior.

1.02 RELATED SECTIONS

- A. Stair and Railing: Section 05 50 00.
- B. Metal Fabrications: Section 05 50 00.

1.03 REFERENCE STANDARDS

- A. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes; 2021.
- B. ASTM D2247 - Standard Practice for Testing Water Resistance of Coatings in 100 % Relative Humidity; 2015 (Reapproved 2020).
- C. ASTM D3359 - Standard Test Methods for Rating Adhesion by Tape Test; 2023.
- D. ASTM D3363 - Standard Test Method for Film Hardness by Pencil Test; 2022.
- E. ASTM A167 - Stainless and Heat Resisting Chromium-Nickel Steel Plate, Sheet and Strip.
- F. Aluminum Association
 - 1. Aluminum Standards and Data.
 - 2. Designation System for Aluminum Finishes.
 - a. Standards for Anodic Finishes.
- G. National Association of Architectural Metal Manufacturers.
- H. American Institute of Steel Construction (AISC): "Manual of Steel Construction".
- I. AWI: Architectural Woodwork Institute.
 - 1. Section 800: Stairwork and Handrails.
 - 2. NOMMA: National Ornamental and Miscellaneous Metals Association.

1.04 SUBMITTALS

- A. Product Data: Manufacturer's literature may be submitted for standard proprietary products in lieu of shop drawings. Data to fully explain product indicating materials, sizes and finishes, and installation procedures.
- B. Samples: Samples to be reviewed for color, texture and reflectivity and general appearance. Compliance with all other requirements is the responsibility of the Contractor.
 - 1. Finish: Submit for approval minimum 6" x 6" or 12" length of each required metal finish.
 - 2. Weld: Submit samples of welded joint showing quality of work. Samples to be of same form, alloy, temper and hardness to be used in the work.
 - 3. Sample: Submit a 2'-0" long sample of completed rail system.
- C. Shop Drawings: Show details of fabrication and installation. Indicate materials, alloys and tempers, thicknesses of materials, gages, sizes, dimensions, methods of joining and fastening, welds, finishes, details of reinforcement and embedment, attachments, anchorages, miscellaneous metal items incidental to basic fabrication shown, provisions for work of other trades and other pertinent information as requested by the Architect.
- D. Maintenance Instructions: Submit manufacturers'/fabricators' recommendations for maintenance of exposed finishes.

- E. Certifications: Submit certifications that products comply with applicable design loadings. Include structural analysis data sealed and signed professional engineer responsible for their preparation.
- F. Welder Certifications: Qualify welding process and welders in accordance AWS Codes referenced herein.
 - 1. Certify that each welder has successfully passed AWS qualification tests for the welding processing involved and, if pertinent, has undergone recertification.

1.05 QUALITY ASSURANCE

- A. Fabricator Qualifications: Fabricator must have a minimum of 5 years experience and be regularly engaged in type of work specified. Must employ only skilled personnel using proper equipment to produce the work in high quality. Must be approved by Architect.
- B. Installer Qualifications: Fabricator of products.
- C. Single Source Responsibility: Stairs, handrails and railing systems shall be designed, fabricated and installed by the same source.
- D. Engineering Responsibility: Stair engineering to be performed by a qualified professional engineer legally authorized to practice in the State of [Ohio], experienced in this type of work.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Provide materials which have been selected for their surface flatness, smoothness and freedom from surface blemishes where exposed to view in the finished unit. Exposed-to-view surfaces which exhibit pitting, seam marks, roller marks, "oil-canning", stains, discolorations or other imperfections on finished units will not be acceptable.
- B. Aluminum - Material and Description: Provide as detailed or as required to maintain design intent as indicated on drawings. Aluminum extruded shapes and bent aluminum sheet, minimum 0.063", unless otherwise indicated or specified, finished after fabrication.
 - 1. Extruded Bar and Tube: ASTM B221 (ASTM B 221M), alloy 6061-T6/T62, Fy = 35 ksi.
 - 2. Extruded Structural Pipe and Tube: ASTM B221 , alloy 6061-T6/T62, Fy = 35 ksi.
 - 3. Plate and Sheet: ASTM B209/B209M, 6061-T6.
- C. Fasteners: Provide fasteners of types as required for assembly and installation of fabricated items. In general, fasteners to be concealed from view. Exposed fasteners, where permitted or required, to conform to the following:
 - 1. Fasteners to be of basic metal and alloy, matching finished color and texture as metal being fastened, unless otherwise indicated.
 - 2. Provide Phillips flat head screw/bolts for exposed fasteners.
- D. Miscellaneous Materials: Provide all incidental accessory materials, tools, methods and equipment required for fabrication and installation of metal items as indicated on drawings, and not furnished by other sections.

2.02 FABRICATION

- A. Preliminary: Verify dimensions prior to fabrication.
- B. Forming: Form metal items to accurate sizes and configurations as indicated on drawings and otherwise required for proper installation. Make with all lines straight and angles sharp, clean and true. Drill, countersink, tap and otherwise prepare items for connections with work of other trades as required.
- C. Fasteners: Make permanent connections with work of other trades, as required. Avoid using exposed bolts or screws unless specifically indicated or approved.
- D. Joints: Construct items with joints milled to a tight, hairline fit. Cope or miter corner joints. Where exposed to weather, form to exclude water.
- E. Welding: Comply with AWS for recommended practices in shop welding.
 - 1. Provide welds behind finished surfaces without distortion or discoloration of exposed side.

2. Clean exposed welded joints of all welding flux and dress on all exposed and contact surfaces to match adjacent surfaces.
 3. Where welding cannot be concealed behind finished surfaces, finish joints to comply with NOMMA's "Voluntary Joint Finish Standards" Guideline #1, Joint Finish #1; no evidence of a welded joint.
- F. Cut, reinforce, drill and tap miscellaneous metal as indicated to receive hardware, screws, and similar items. Countersunk screw holes to set screw heads flush, unless indicated otherwise.

2.03 ASSEMBLIES

- A. Aluminum Railings
1. Basis of Design: Multi-Family Housing Railing, Columns and Fence products by SUPERIOR ALUMINUM PRODUCTS.
 2. Design to meet NAAMM standards and requirements of applicable codes, but not less than 200 lbs. applied at any point in any direction.
 3. Shop fabricated with minimum field splicing allowed.
 - a. All construction welded per AWS.
 - b. Welds, where shown, to be continuous. Grind and add weld as required to provide uniform and smooth transition between pieces. Buff, polish and blend as required to match finish of railing.
 4. Quality of Welds: NOMMA Guideline #1, Joint Finish #1.
 5. Finish: As specified under Shop Finish herein.

2.04 SHOP FINISHES

- A. Protect mechanical finishes on exposed surfaces from damage by application of strippable, temporary protective covering prior to shipment.
- B. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are not acceptable if they are noticeable variations in the same piece. Variations in appearance of other components are acceptable, subject to Architect's approval.
- C. Aluminum Surfaces
1. Shop paint aluminum surfaces with baked-on organic polymer thermosetting powder coating applied over conversion coating.
 2. Finish Coating Properties
 - a. Hardness: H or better in accordance with ASTM D3363.
 - b. Crosshatch Adhesion: In accordance with ASTM D3359.
 - c. Salt Spray Resistance: 1,000 hours, tested in accordance with ASTM D117.
 - d. Humidity Resistance: 1,000 hours tested in accordance with ASTM D2247.
 - e. Detergent Immersion: 1,000 hours tested in accordance with ASTM D2248.
 3. Colors: As selected by Architect.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Set stair, handrail and railing work accurately as measured from established building lines and levels, plumb and in true alignment with previously completed work. Brace temporarily or anchor securely in formwork where work is to be built into concrete, masonry or similar construction.
- B. Anchor securely in place in the manner shown, using concealed anchorage wherever possible.
- C. Fit mechanical joints together accurately to form tight joints and uniform reveals and spaces for joint fillers and sealants. Restore any finishes that have been damaged by shipment and installation.
- D. Do not cut or abrade finishes which cannot be completely restored in the field, including special finishes. Return units with special finishes that cannot be field restored to the shop for required alterations, followed by complete refinishing.

- E. Remove protective coverings when there is no longer any danger of damage to the railing work from other work yet to be performed in the same location. Restore protective coverings which have been removed or damaged during shipment or installation of the work, if such other work is yet to be performed.

END OF SECTION 05 70 00

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LE/V	QWEE	QWEE	QWEE
LF	QWEE	QWEE	QWEE
LF/V	QWEE	QWEE	QWEE
LG	QWEE	QWEE	QWEE
LG/V	QWEE	QWEE	QWEE
LH	QWEE	QWEE	QWEE
LH/V	QWEE	QWEE	QWEE
LI	QWEE	QWEE	QWEE
LI/V	QWEE	QWEE	QWEE
LJ	QWEE	QWEE	QWEE
LJ/V	QWEE	QWEE	QWEE
LK	QWEE	QWEE	QWEE
LK/V	QWEE	QWEE	QWEE
LL	QWEE	QWEE	QWEE
LL/V	QWEE	QWEE	QWEE
LM	QWEE	QWEE	QWEE
LM/V	QWEE	QWEE	QWEE
LN	QWEE	QWEE	QWEE
LN/V	QWEE	QWEE	QWEE
LO	QWEE	QWEE	QWEE
LO/V	QWEE	QWEE	QWEE
LP	QWEE	QWEE	QWEE
LP/V	QWEE	QWEE	QWEE
LQ	QWEE	QWEE	QWEE
LQ/V	QWEE	QWEE	QWEE
LR	QWEE	QWEE	QWEE
LR/V	QWEE	QWEE	QWEE
LS	QWEE	QWEE	QWEE
LS/V	QWEE	QWEE	QWEE
LT	QWEE	QWEE	QWEE
LT/V	QWEE	QWEE	QWEE
LU	QWEE	QWEE	QWEE
LU/V	QWEE	QWEE	QWEE
LV	QWEE	QWEE	QWEE
LV/V	QWEE	QWEE	QWEE
LW	QWEE	QWEE	QWEE
LW/V	QWEE	QWEE	QWEE
LX	QWEE	QWEE	QWEE
LX/V	QWEE	QWEE	QWEE
LY	QWEE	QWEE	QWEE
LY/V	QWEE	QWEE	QWEE
LZ	QWEE	QWEE	QWEE
LZ/V	QWEE	QWEE	QWEE
MA	QWEE	QWEE	QWEE
MA/V	QWEE	QWEE	QWEE
MB	QWEE	QWEE	QWEE
MB/V	QWEE	QWEE	QWEE
MC	QWEE	QWEE	QWEE
MC/V	QWEE	QWEE	QWEE
MD	QWEE	QWEE	QWEE
MD/V	QWEE	QWEE	QWEE
ME	QWEE	QWEE	QWEE
ME/V	QWEE	QWEE	QWEE
MF	QWEE	QWEE	QWEE
MF/V	QWEE	QWEE	QWEE
MG	QWEE	QWEE	QWEE
MG/V	QWEE	QWEE	QWEE
MH	QWEE	QWEE	QWEE
MH/V	QWEE	QWEE	QWEE
MI	QWEE	QWEE	QWEE
MI/V	QWEE	QWEE	QWEE
MJ	QWEE	QWEE	QWEE
MJ/V	QWEE	QWEE	QWEE
MK	QWEE	QWEE	QWEE
MK/V	QWEE	QWEE	QWEE
ML	QWEE	QWEE	QWEE
ML/V	QWEE	QWEE	QWEE
MM	QWEE	QWEE	QWEE
MM/V	QWEE	QWEE	QWEE
MN	QWEE	QWEE	QWEE
MN/V	QWEE	QWEE	QWEE
MO	QWEE	QWEE	QWEE
MO/V	QWEE	QWEE	QWEE
MP	QWEE	QWEE	QWEE
MP/V	QWEE	QWEE	QWEE
MQ	QWEE	QWEE	QWEE
MQ/V	QWEE	QWEE	QWEE
MR	QWEE	QWEE	QWEE
MR/V	QWEE	QWEE	QWEE
MS	QWEE	QWEE	QWEE
MS/V	QWEE	QWEE	QWEE
MT	QWEE	QWEE	QWEE
MT/V	QWEE	QWEE	QWEE
MU	QWEE	QWEE	QWEE
MU/V	QWEE	QWEE	QWEE
MV	QWEE	QWEE	QWEE
MV/V	QWEE	QWEE	QWEE
MW	QWEE	QWEE	QWEE
MW/V	QWEE	QWEE	QWEE
MX	QWEE	QWEE	QWEE
MX/V	QWEE	QWEE	QWEE
MY	QWEE	QWEE	QWEE
MY/V	QWEE	QWEE	QWEE
MZ	QWEE	QWEE	QWEE
MZ/V	QWEE	QWEE	QWEE
NA	QWEE	QWEE	QWEE
NA/V	QWEE	QWEE	QWEE
NB	QWEE	QWEE	QWEE
NB/V	QWEE	QWEE	QWEE
NC	QWEE	QWEE	QWEE
NC/V	QWEE	QWEE	QWEE
ND	QWEE	QWEE	QWEE
ND/V	QWEE	QWEE	QWEE
NE	QWEE	QWEE	QWEE
NE/V	QWEE	QWEE	QWEE
NF	QWEE	QWEE	QWEE
NF/V	QWEE	QWEE	QWEE
NG	QWEE	QWEE	QWEE
NG/V	QWEE	QWEE	QWEE
NH	QWEE	QWEE	QWEE
NH/V	QWEE	QWEE	QWEE
NI	QWEE	QWEE	QWEE
NI/V	QWEE	QWEE	QWEE
NJ	QWEE	QWEE	QWEE
NJ/V	QWEE	QWEE	QWEE
NK	QWEE	QWEE	QWEE
NK/V	QWEE	QWEE	QWEE
NL	QWEE	QWEE	QWEE
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NM	QWEE	QWEE	QWEE
NM/V	QWEE	QWEE	QWEE
NN	QWEE	QWEE	QWEE
NN/V	QWEE	QWEE	QWEE
NO	QWEE	QWEE	QWEE
NO/V	QWEE	QWEE	QWEE
NP	QWEE	QWEE	QWEE
NP/V	QWEE	QWEE	QWEE
NQ	QWEE	QWEE	QWEE
NQ/V	QWEE	QWEE	QWEE
NR	QWEE	QWEE	QWEE
NR/V	QWEE	QWEE	QWEE
NS	QWEE	QWEE	QWEE
NS/V	QWEE	QWEE	QWEE
NT	QWEE	QWEE	QWEE
NT/V	QWEE	QWEE	QWEE
NU	QWEE	QWEE	QWEE
NU/V	QWEE	QWEE	QWEE
NV	QWEE	QWEE	QWEE
NV/V	QWEE	QWEE	QWEE
NW	QWEE	QWEE	QWEE
NW/V	QWEE	QWEE	QWEE
NX	QWEE	QWEE	QWEE
NX/V	QWEE	QWEE	QWEE
NY	QWEE	QWEE	QWEE
NY/V	QWEE	QWEE	QWEE
NZ	QWEE	QWEE	QWEE
NZ/V	QWEE	QWEE	QWEE
OA	QWEE	QWEE	QWEE
OA/V	QWEE	QWEE	QWEE
OB	QWEE	QWEE	QWEE
OB/V	QWEE	QWEE	QWEE
OC	QWEE	QWEE	QWEE
OC/V	QWEE	QWEE	QWEE
OD	QWEE	QWEE	QWEE
OD/V	QWEE	QWEE	QWEE
OE	QWEE	QWEE	QWEE
OE/V	QWEE	QWEE	QWEE
OF	QWEE	QWEE	QWEE
OF/V	QWEE	QWEE	QWEE
OG	QWEE	QWEE	QWEE
OG/V	QWEE	QWEE	QWEE
OH	QWEE	QWEE	QWEE
OH/V	QWEE	QWEE	QWEE
OI	QWEE	QWEE	QWEE
OI/V	QWEE	QWEE	QWEE
OJ	QWEE	QWEE	QWEE
OJ/V	QWEE	QWEE	QWEE
OK	QWEE	QWEE	QWEE
OK/V	QWEE	QWEE	QWEE
OL	QWEE	QWEE	QWEE
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OM	QWEE	QWEE	QWEE
OM/V	QWEE	QWEE	QWEE
ON	QWEE	QWEE	QWEE
ON/V	QWEE	QWEE	QWEE
OO	QWEE	QWEE	QWEE
OO/V	QWEE	QWEE	QWEE
OP	QWEE	QWEE	QWEE
OP/V	QWEE	QWEE	QWEE
OQ	QWEE	QWEE	QWEE
OQ/V	QWEE	QWEE	QWEE
OR	QWEE	QWEE	QWEE
OR/V	QWEE	QWEE	QWEE
OS	QWEE	QWEE	QWEE
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OT/V	QWEE	QWEE	QWEE
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OU/V	QWEE	QWEE	QWEE
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OV/V	QWEE	QWEE	QWEE
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OW/V	QWEE	QWEE	QWEE
OX	QWEE	QWEE	QWEE
OX/V	QWEE	QWEE	QWEE
OY	QWEE	QWEE	QWEE
OY/V	QWEE	QWEE	QWEE
OZ	QWEE	QWEE	QWEE
OZ/V	QWEE	QWEE	QWEE
PA	QWEE	QWEE	QWEE
PA/V	QWEE	QWEE	QWEE
PB	QWEE	QWEE	QWEE
PB/V	QWEE	QWEE	QWEE
PC	QWEE	QWEE	QWEE

OL 400 GRABALLI GOALIE 14.00 PM - 14.00S 12.00

[illegible][illegible]

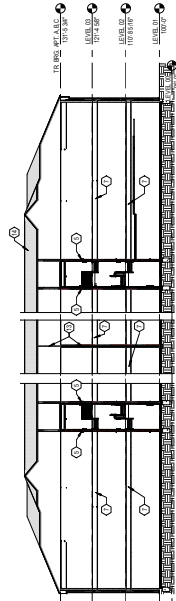
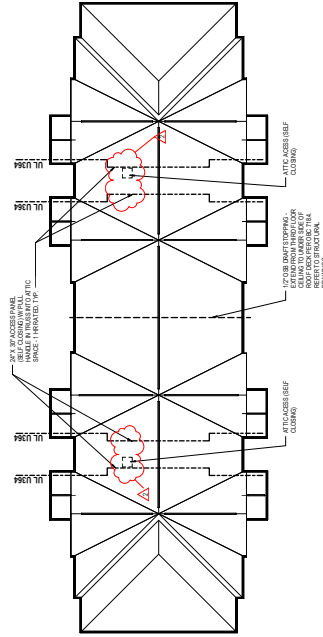
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3002	0.00	0.00
3003	0.00	0.00
3004	0.00	0.00
3005	0.00	0.00
3006	0.00	0.00
3007	0.00	0.00
3008	0.00	0.00
3009	0.00	0.00
3010	0.00	0.00
3011	0.00	0.00
3012	0.00	0.00
3013	0.00	0.00
3014	0.00	0.00
3015	0.00	0.00
3016	0.00	0.00
3017	0.00	0.00
3018	0.00	0.00
3019	0.00	0.00
3020	0.00	0.00
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3109	0.00	0.00
3110	0.00	0.00
3111	0.00	0.00
3112	0.00	0.00
3113	0.00	0.00
3114	0.00	0.00
3115	0.00	0.00
3116	0.00	0.00
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3121	0.00	0.00

10

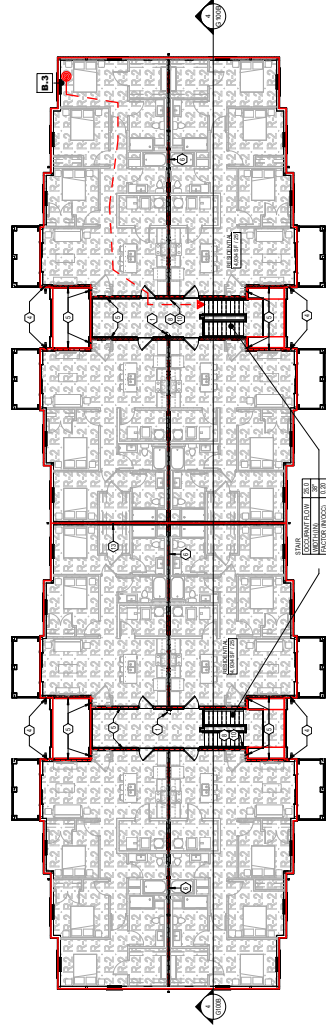
CHANGE DESCRIPTION	
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2	06/05/17
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138	06/05/17
139	

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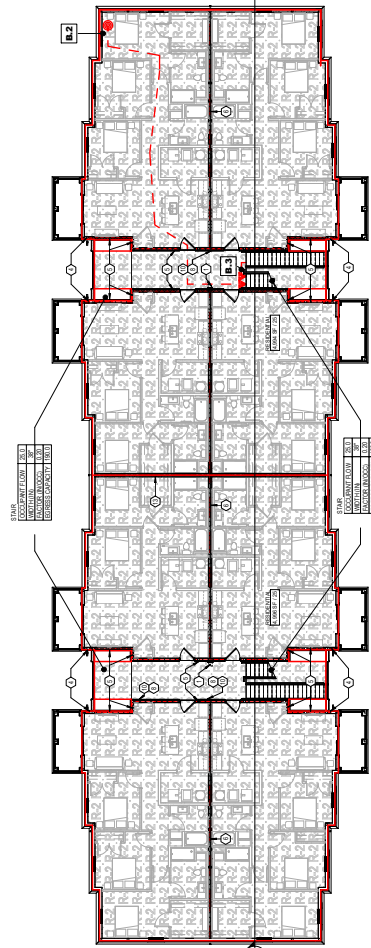
OCCUPANCY LIFE SAFETY (BUILDING 8)				
USE GROUP REV	AREA	OCCUPANCY RATE	OCCUPANCY	LOAD
LEVEL 01				
RESIDENTIAL 2b - APARTMENTS	5,572 SF	200	200	25
RESIDENTIAL 2b - APARTMENTS	200	200	200	25
RESIDENTIAL 2b - APARTMENTS	10,143 SF	200	200	25
LEVEL 02				
RESIDENTIAL 2b - APARTMENTS	4,996 SF	200	200	25
RESIDENTIAL 2b - APARTMENTS	200	200	200	25
RESIDENTIAL 2b - APARTMENTS	5,200 SF	200	200	25
LEVEL 03				
RESIDENTIAL 2b - APARTMENTS	4,934 SF	200	200	25
RESIDENTIAL 2b - APARTMENTS	4,934 SF	200	200	25
RESIDENTIAL 2b - APARTMENTS	30,003 SF	200	200	25
GRAND TOTAL				
				190



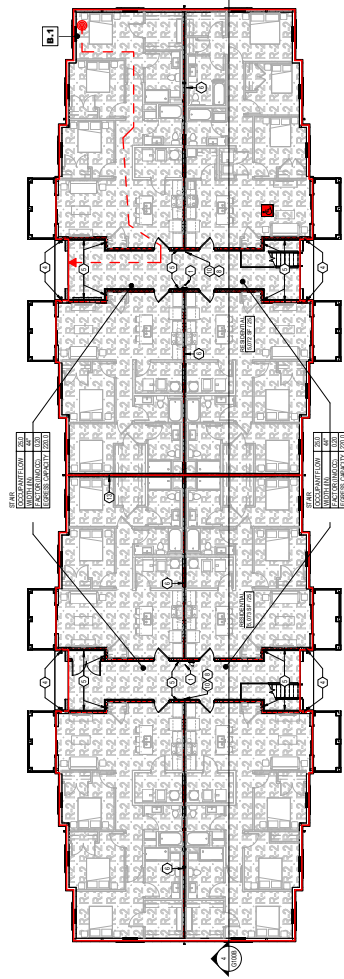
4 SECTION LIFE SAFETY - BLDGB
1/16" = 1'-0" REF: 1/21008



3 PLAN BLDG B-LEVEL 03



PLAN BLDG B-LEVEL 02
A-1000 - 41.00



1 PLAN BLDG B-LEVEL 01
3/1/2016 11:06

GENERAL NOTES - CODE PLAN

A. NOTIFIED	CODING KEY LEGEND 1. ALL TRUCKS AND TRAILERS TO BE NOTIFIED AS PER THE REQUIREMENTS OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167, 1168, 1169, 1170, 1171, 1172, 1173, 1174, 1175, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741,
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OCCUPANCY TAGS

STAIRS

OCCUPANT FLOW	0.0
WIDTH	0'
FACTOR RATIO	0.0
EGRESS CAPACITY	0.0

DOOR

OCCUPANT FLOW	0
WIDTH	0'
FACTOR RATIO	0.0
EGRESS CAPACITY	0

DOOR OPENING

1000 BF / 1200

PATH OF UNOBSTRUCTED TRAVEL

1000 BF / 1200

EGRESS EXIT ROUTE



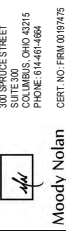
LP AREA TYPES

RESISTOR MLR-2	ASSEMBLY A-2
2 R2	A-2 A
STORAGE S-2	ASSEMBLY A-3
2 S2	A-3 A
BUSINESS B	UTILITY
B B	U

EXIT ACCESS TRAVEL DISTANCES BLDG B

EGRESS ROUTES	EGRESS DISTANCE	STAY DISTANCE	ALLOWABLE DISTANCE	TYPE	TOTAL
A.1	70.3'	20.3'	125.0'	TOTAL	90.6'
A.2	70.3'	20.3'	125.0'	COMMON	90.6'
A.3	80.3'	41.6'	125.0'	COMMON	130.2'
B.1	80.3'	0'	125.0'	TOTAL	80.3'
B.2	80.3'	20.3'	125.0'	COMMON	100.9'
B.3	80.3'	41.6'	125.0'	COMMON	130.3'
C.1	70.3'	0'	125.0'	TOTAL	70.3'
C.2	70.3'	0'	125.0'	COMMON	70.3'
C.3	80.3'	41.6'	125.0'	COMMON	118.3'
D.1	90.3'	20.3'	125.0'	COMMON	90.3'
D.2	90.3'	20.3'	125.0'	COMMON	90.3'
E.1	35.3'	20.3'	125.0'	COMMON	35.3'
E.2	35.3'	0'	125.0'	COMMON	35.3'

#	DATE	CHANGED DESCRIPTION
1	06/11/25	ADDEROUND 01
2	06/25/25	ADDEROUND 02

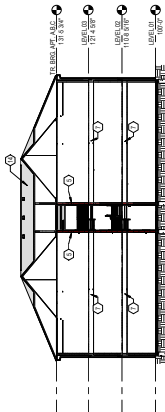


BUILDING B - LIFE SAFETY

05/01/2025

PROGRESS DRAWING NOT FOR CONSTRUCTION	23446	G100B	C/D PROGRESS SET
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© 2025 MCGRAW HILL



# DATE NOTED BY CHANGED DESCRIPTION			
1	01/25/2016	NOTED BY	
2	02/02/2016	NOTED BY	
3	02/02/2016	NOTED BY	
4	02/02/2016	NOTED BY	
5	02/02/2016	NOTED BY	
6	02/02/2016	NOTED BY	
7	02/02/2016	NOTED BY	
8	02/02/2016	NOTED BY	
9	02/02/2016	NOTED BY	
10	02/02/2016	NOTED BY	
11	02/02/2016	NOTED BY	
12	02/02/2016	NOTED BY	
13	02/02/2016	NOTED BY	
14	02/02/2016	NOTED BY	
15	02/02/2016	NOTED BY	
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90	02/02/2016	NOTED BY	
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93	02/02/2016	NOTED BY	
94	02/02/2016	NOTED BY	
95	02/02/2016	NOTED BY	
96	02/02/2016	NOTED BY	
97	02/02/2016	NOTED BY	
98	02/02/2016	NOTED BY	
99	02/02/2016	NOTED BY	
100	02/02/2016	NOTED BY	

[illegible]

5'

3'6"

COMBUSTIBLE STORAGE NOT PERMITTED

3/8" NON-RAISED LETTERS

Diagram of a rectangular sign with the following dimensions and text:

- Overall width: 6" LETTERS
- Overall height: 100 to 122
- Text inside: ROOM 100 to ROOM 122
- Directional arrow: DIRECTIONAL

PLAQUE

SEE SCHEDULE DESCRIPTION

GENERAL NOTES

1. PROVIDE MAXIMUM OCCUPANCY SIGNAGE TYPE G AS NEEDED PER FREIGHT LOADERS.
2. FIRE EXTINGUISHERS SHALL BE FURNISHED WITH SIGNAGE PER THE MANUFACTURER.
3. INITIAL SIGNAGE TO BE AT LATCH SIDE OF DOOR. MOUNTING HEIGHT IS 60" FROM THE FLOOR TO THE BASELINE OF THE HIGHEST TACTILE CHARACTER (TYPICAL).

SIGN
12" = 1'-0"

7

KEYNOTE LEGEND

#	DATE	CHANGED DESCRIPTION
1	06/25/25	ADDITIONAL IN 102

 **THE FALLS ON REFUGEE
ROAD**
3355 REFUGEE ROAD, COLUMBUS, OH 43232
FOR **CMHA**
CONTACT: COLUMBUS, OH



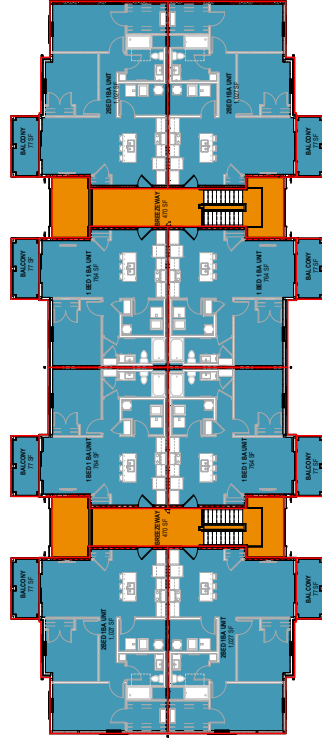
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

SIGNAGE SCHEDULE

05/01/2025	23446	G150	CD PROGRESS SET
PROGRESS DRAWING NOT FOR CONSTRUCTION			

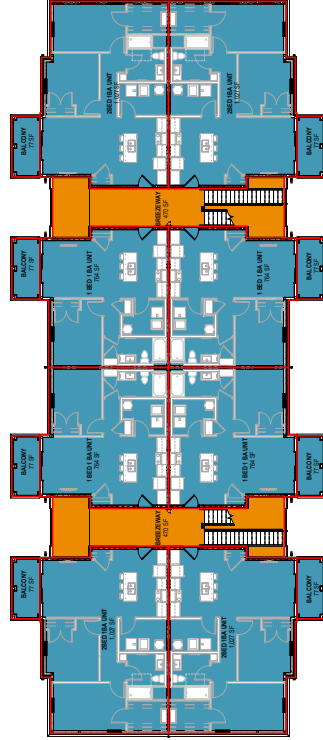
- GENERAL NOTES - WALL TYPE**
1. ALL DIMENSIONS TO FACE OF WALL UNLESS NOTED.
 2. USE SYP WATER RESISTANT DWP, 8D, 9D, 10D, 11D, 12D, 14D, 16D, 18D, 20D, 22D, 24D, 26D, 28D, 30D, 32D, 34D, 36D, 38D, 40D, 42D, 44D, 46D, 48D, 50D, 52D, 54D, 56D, 58D, 60D, 62D, 64D, 66D, 68D, 70D, 72D, 74D, 76D, 78D, 80D, 82D, 84D, 86D, 88D, 90D, 92D, 94D, 96D, 98D, 100D, 102D, 104D, 106D, 108D, 110D, 112D, 114D, 116D, 118D, 120D, 122D, 124D, 126D, 128D, 130D, 132D, 134D, 136D, 138D, 140D, 142D, 144D, 146D, 148D, 150D, 152D, 154D, 156D, 158D, 160D, 162D, 164D, 166D, 168D, 170D, 172D, 174D, 176D, 178D, 180D, 182D, 184D, 186D, 188D, 190D, 192D, 194D, 196D, 198D, 200D, 202D, 204D, 206D, 208D, 210D, 212D, 214D, 216D, 218D, 220D, 222D, 224D, 226D, 228D, 230D, 232D, 234D, 236D, 238D, 240D, 242D, 244D, 246D, 248D, 250D, 252D, 254D, 256D, 258D, 260D, 262D, 264D, 266D, 268D, 270D, 272D, 274D, 276D, 278D, 280D, 282D, 284D, 286D, 288D, 290D, 292D, 294D, 296D, 298D, 300D, 302D, 304D, 306D, 308D, 310D, 312D, 314D, 316D, 318D, 320D, 322D, 324D, 326D, 328D, 330D, 332D, 334D, 336D, 338D, 340D, 342D, 344D, 346D, 348D, 350D, 352D, 354D, 356D, 358D, 360D, 362D, 364D, 366D, 368D, 370D, 372D, 374D, 376D, 378D, 380D, 382D, 384D, 386D, 388D, 390D, 392D, 394D, 396D, 398D, 400D, 402D, 404D, 406D, 408D, 410D, 412D, 414D, 416D, 418D, 420D, 422D, 424D, 426D, 428D, 430D, 432D, 434D, 436D, 438D, 440D, 442D, 444D, 446D, 448D, 450D, 452D, 454D, 456D, 458D, 460D, 462D, 464D, 466D, 468D, 470D, 472D, 474D, 476D, 478D, 480D, 482D, 484D, 486D, 488D, 490D, 492D, 494D, 496D, 498D, 500D, 502D, 504D, 506D, 508D, 510D, 512D, 514D, 516D, 518D, 520D, 522D, 524D, 526D, 528D, 530D, 532D, 534D, 536D, 538D, 540D, 542D, 544D, 546D, 548D, 550D, 552D, 554D, 556D, 558D, 560D, 562D, 564D, 566D, 568D, 570D, 572D, 574D, 576D, 578D, 580D, 582D, 584D, 586D, 588D, 590D, 592D, 594D, 596D, 598D, 600D, 602D, 604D, 606D, 608D, 610D, 612D, 614D, 616D, 618D, 620D, 622D, 624D, 626D, 628D, 630D, 632D, 634D, 636D, 638D, 640D, 642D, 644D, 646D, 648D, 650D, 652D, 654D, 656D, 658D, 660D, 662D, 664D, 666D, 668D, 670D, 672D, 674D, 676D, 678D, 680D, 682D, 684D, 686D, 688D, 690D, 692D, 694D, 696D, 698D, 700D, 702D, 704D, 706D, 708D, 710D, 712D, 714D, 716D, 718D, 720D, 722D, 724D, 726D, 728D, 730D, 732D, 734D, 736D, 738D, 740D, 742D, 744D, 746D, 748D, 750D, 752D, 754D, 756D, 758D, 760D, 762D, 764D, 766D, 768D, 770D, 772D, 774D, 776D, 778D, 780D, 782D, 784D, 786D, 788D, 790D, 792D, 794D, 796D, 798D, 800D, 802D, 804D, 806D, 808D, 810D, 812D, 814D, 816D, 818D, 820D, 822D, 824D, 826D, 828D, 830D, 832D, 834D, 836D, 838D, 840D, 842D, 844D, 846D, 848D, 850D, 852D, 854D, 856D, 858D, 860D, 862D, 864D, 866D, 868D, 870D, 872D, 874D, 876D, 878D, 880D, 882D, 884D, 886D, 888D, 890D, 892D, 894D, 896D, 898D, 900D, 902D, 904D, 906D, 908D, 910D, 912D, 914D, 916D, 918D, 920D, 922D, 924D, 926D, 928D, 930D, 932D, 934D, 936D, 938D, 940D, 942D, 944D, 946D, 948D, 950D, 952D, 954D, 956D, 958D, 960D, 962D, 964D, 966D, 968D, 970D, 972D, 974D, 976D, 978D, 980D, 982D, 984D, 986D, 988D, 990D, 992D, 994D, 996D, 998D, 1000D, 1002D, 1004D, 1006D, 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CIRCULATION
RESIDENTIAL



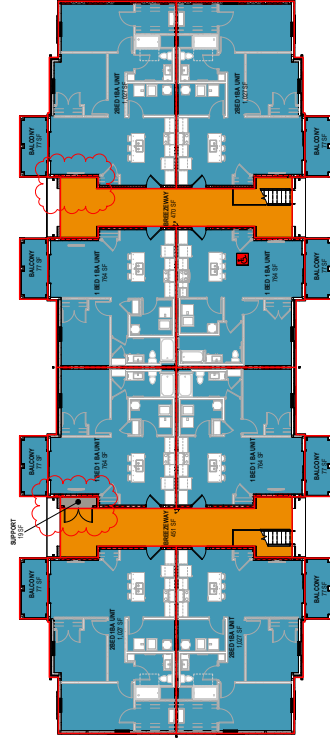
3 **PLAN** BLDGA - LEVEL 03 - GROSS AREA
3/32" = 1'-0"

Department Gross



2 PLAN BLDG. - LEVEL 02 - GROSS AREA
3/32" = 1'-0"

Department Gross

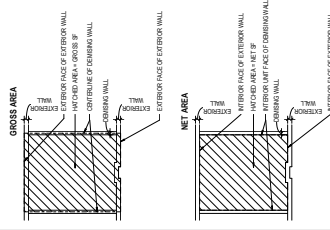


1 PLAN BLDGA - LEVEL 01 - GROSS AREA
3/32" = 1'-0"

GENERAL NOTES - AREA PLANS

1. THIS SHEET IS AVAILABLE IN COLOR UPON REQUEST.
2. REFERTO OVERALL FLOOR PLANS AND ENLARGED UNIT PLANS FOR ADDITIONAL INFORMATION.

AREA LEGEND



#	DATE	CHANGE DESCRIPTION
1	06/25/25	ACCORDING TO

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMUNITY DEVELOPMENT COLLABORATION

**THE FALLS ON REFUGEE
ROAD**

3366 REFUGEE ROAD, COLUMBUS, OH 43222
FOR
CMHA

 300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

Moody Nolan

BUILDING A - GROSS AREA

05/01/2025	
23446	

DRAWING
NOT FOR
CONSTRUCTION

CD PROGRESS SET



1. THIS SHEET IS AVAILABLE IN COLOR UPON REQUEST.
2. REFER TO OVERALL FLOOR PLANS AND ENLARGED UNIT PLANS FOR ADDITIONAL INFORMATION.

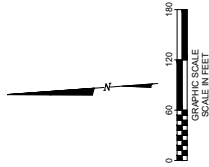
 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMPANY, CHAIRMAN, COLUMBUS

THE FALLS ON REFUGEE
ROAD
3355 REFUGEE ROAD, COLUMBUS, OH 43222
FOR
CMHA

 300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664
CERT. NO.: FRM 00197475

BUILDING B - GROSS AREA

05/01/2025	PROGRESS DRAWING NOT FOR CONSTRUCTION
23446	
G400B	
CD PROGRESS SET	

[illegible][illegible]

KORDA
Korda-Northrup Engineering, Inc. - Consulting Engineers
100 Westpark Drive, Suite 200 - Columbus, Ohio 43240-7900
Tel. 614.452.4900 - FAX 614.457.4901 - WWW.korda.com

[illegible]

OVERALL STORM SEWER & GRADING PLAN

CONTRACTOR		INSPECTOR		SCALE: HORIZ 1" = 60'-0"		SHEET: 4 / 25	
AGREEMENT COMPLETED				VERT 1" = N/A			
RFD		CDD		CONJUR		RECORD PLAN NO.	
INDEX		RECORD		FILE		CC-20647	
DETAIL							

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC UTILITIES
DIVISION OF SEWERAGE AND DRAINAGE
DIVISION USE ONLY

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
EMERGENCY HOUSING COLLABORATION

**THE FALLS ON REFUGEE
ROAD**

3355 REFUGEE ROAD, COLUMBUS, OH 43222
FOR
CMHA



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 432
PHONE: 614-461-4664

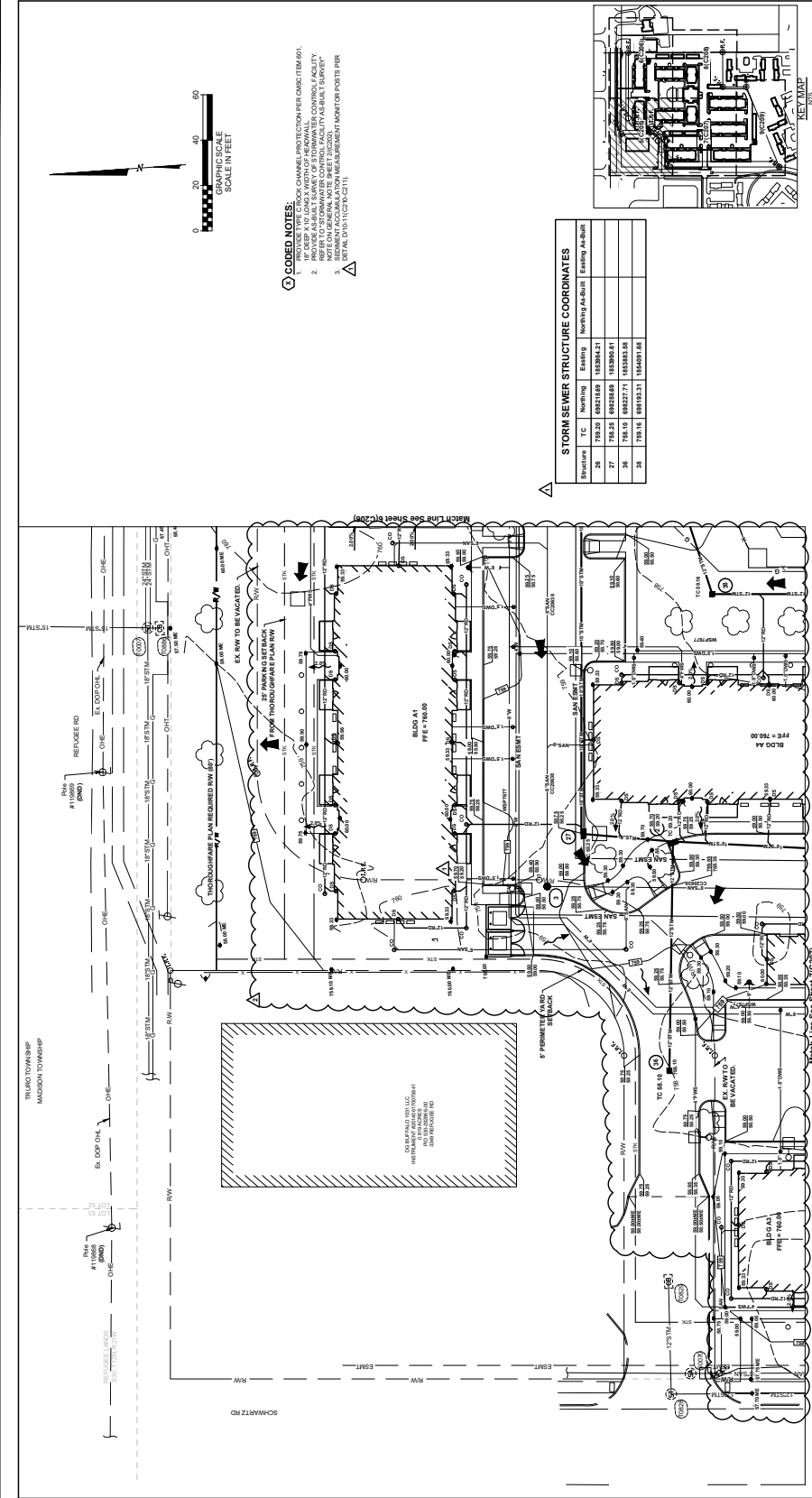
Moody Nolan
CERT. N

PROGRESS
DRAWING
NOT FOR
CONSTRUCTION

KORDA
KORDA NEMETH ENGINEERING
1650 WATERMARK DRIVE
SUITE 200
COLUMBUS, OHIO 43215
DRAWN BY: EAM
CHECKED BY: EAM
PROJECT NUMBER: 2022-0431

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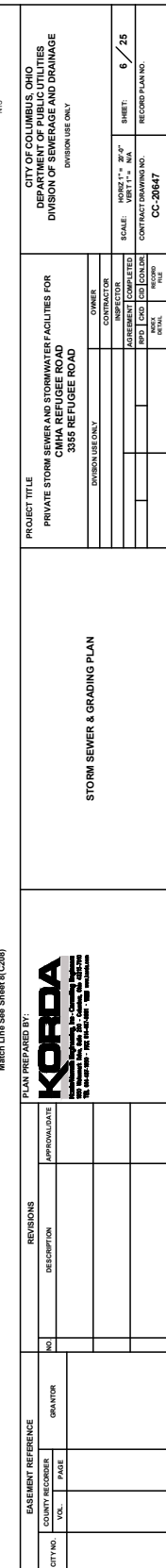
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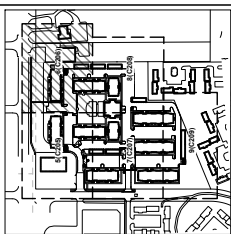
- CODED NOTES:**
- PROVIDE VEE TRACK CHANNEL PROTECTION PER CIRC ITEM 601.
 - PROVIDE AS-BUILT SURVEY OF STORMWATER CONTROL FACILITY.
 - PROVIDE AS-BUILT SURVEY OF STORMWATER CONTROL FACILITY.
 - PROVIDE AS-BUILT SURVEY OF STORMWATER CONTROL FACILITY.
 - PROVIDE AS-BUILT SURVEY OF STORMWATER CONTROL FACILITY.

STORM SEWER STRUCTURE COORDINATES			
Structure	TC	North	East
26	795.25	885718.69	183064.21
27	795.25	885718.69	183064.21
28	795.15	885727.71	183063.56
29	795.15	885727.71	183063.56

PROJECT TITLE		CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE	
PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR COLUMBUS, OHIO 3345 REFUGEE ROAD		DIVISION USE ONLY	
STORM SEWER & GRADING PLAN		OWNER	
PLAN PREPARED BY:		CONTRACTOR	
KORDA		KORDA	
REVISIONS		APPROVAL	
NO. DESCRIPTION		DATE	
1.0		12/15/2023	
2.0		12/15/2023	
3.0		12/15/2023	
4.0		12/15/2023	
5.0		12/15/2023	
6.0		12/15/2023	
7.0		12/15/2023	
8.0		12/15/2023	
9.0		12/15/2023	
10.0		12/15/2023	
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13.0		12/15/2023	
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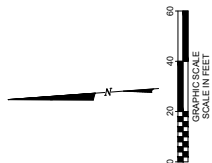


STORM SEWER STRUCTURE COORDINATES					
Structure	T.C.	Northing	Easting	Northing As-Built	Easting As-Built
17	759.25	698164.13	1544292.42		
18	758.00	698224.40	1544004.99		
25	757.75	698247.51	1544143.83		
26	756.00	698301.61	1544472.87		
30	756.00	698366.82	1544153.83		
37	756.75	698205.69	1544187.57		
42	756.15	698195.16	1544187.57		



CODED NOTES:

1. PROVIDE TYPE C CROCK CHANNEL PROTECTION PER CHSC ITEM 601.
18" DEEP X 10" LONG X WIDTH OF HEADWALL.
2. PROVIDE AS-BUILT SURVEY OF STORMWATER CONTROL FACILITY.
REFER TO "STORMWATER CONTROL FACILITY AS-BUILT SURVEY"
NOTE ON GENERAL NOTE SHEET 21(C202).
3. SEDIMENT ACCUMULATION MEASUREMENT MONITOR POSTS PER
DETAIL D10-D-11(C200-C211).



#	DATE	CHANGE DESCRIPTION
1	06/30/05	ADDENDUM #01
1	06/26/05	ADDENDUM #02

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COLUMBUS COMMUNITY COLLABORATES

**THE FALLS ON REFUGEE
ROAD
3366 REFUGEE ROAD, COLUMBUS, OH 43232
FOR
CMHA**


300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

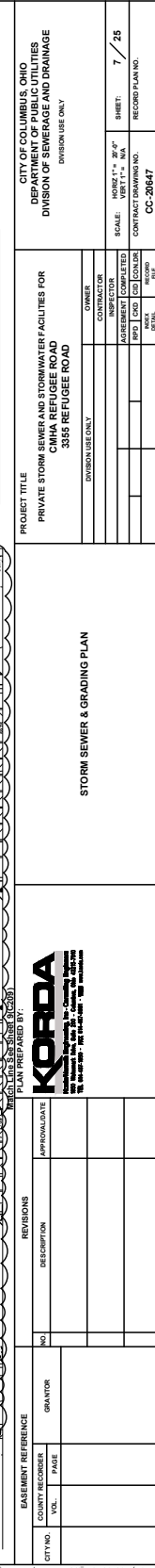
Moody Nolan CERT. NO.: FIRM 0019747

DRAWING TITLE:

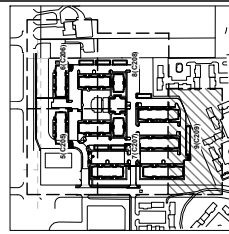
STORM SEWER & GRADING PLAN

	05/01/2025
	23446
	C206
	CD PROGRESS SET

KORDA
KORDA/NEUMETH ENGINEERING
6650 WATERMARK DRIVE
SUITE 200
COLUMBUS, OHIO 43215
DRAWN BY: EAM
CHECKED BY: EAM
DESIGNED BY: EAM
PROJECT NUMBER: 2022-0431

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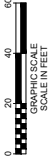
KORE
 KOREAN VETERANS
 ASSOCIATION
 3500 WILSON BLVD
 SUITE 100
 ANN ARBOR MI 48106
 TEL: 734/769-0700
 FAX: 734/769-0701
 WWW.KVA.ORG



STORM SEWER STRUCTURE COORDINATES			
	TC	Existing	Existing A-B/Elt
Structure	1	76937.48	185893.34
1	76938.6	185925.86	
2	76940.6	185972.76	
3	76942.6	185974.46	185977.96
4	76944.6	185976.16	185979.66
5	76946.6	185977.86	185981.36
6	76948.6	185979.56	185983.06
7	76950.6	185981.26	185984.76
8	76952.6	185982.96	185986.46
9	76954.6	185984.66	185988.16
10	76956.6	185986.36	185989.86
11	76958.6	185988.06	185991.56
12	76960.6	185989.76	185993.26
13	76962.6	185991.46	185994.96
14	76964.6	185993.16	185996.66
15	76966.6	185994.86	185998.36
16	76968.6	185996.56	185999.06
17	76970.6	185998.26	186000.76
18	76972.6	186000.06	186002.46
19	76974.6	186001.76	186004.16
20	76976.6	186003.46	186005.86
21	76978.6	186005.16	186007.56
22	76980.6	186006.86	186009.26
23	76982.6	186008.56	186010.96
24	76984.6	186010.26	186012.66
25	76986.6	186011.96	186014.36
26	76988.6	186013.66	186016.06
27	76990.6	186015.36	186017.76
28	76992.6	186017.06	186019.46
29	76994.6	186018.76	186021.16
30	76996.6	186020.46	186022.86
31	76998.6	186022.16	186024.56
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55	77046.6	186062.96	186065.36
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57	77050.6	186066.36	186068.76
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61	77058.6	186073.16	186075.56
62	77060.6	186074.86	186077.26
63	77062.6	186076.56	186078.96
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65	77066.6	186079.96	186082.36
66	77068.6	186081.66	186084.06
67	77070.6	186083.36	186085.76
68	77072.6	186085.06	186087.46
69	77074.6	186086.76	186089.16

CODED NOTES:

1. PROVIDE TYPE C ROCK CHANNEL PROTECTION PER CASC ITEM 601.
2. 18" DEEP X 10" LONG X WIDTH OF HEADWALL.
PROVIDE AS-BUILT SURVEY OF STORMWATER CONTROL FACILITY.
REFER TO "STORMWATER CONTROL FACILITY AS-BUILT SURVEY"
NOTED ON GENERAL NOTE SHEET 2/C202).
3. SEDIMENT ACCUMULATION MEASUREMENT MONITOR POSTS PER
DETAIL D101-11 (C210-C211).



NTS

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC UTILITIES
DIVISION OF SEWERAGE AND DRAINAGE
DIVISION USE ONLY

SEWER AND STORMWATER FACILITIES FOR
CMIHA REFUGEE ROAD
3355 REFUGEE ROAD

PROJECT TITLE
PRIVATE ST

PLAN PREPARED BY:

BASEMENT REFERENCE			REVISIONS		
CITY NO.	COUNTY RECORDER		NO.	DESCRIPTION	APPROPRIATE
	VOL.	PAGE			

PROJECT TITLE	PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR CMHA REFUGEE ROAD 3355 REFUGEE ROAD									
DIVISION USE ONLY	OWNER									
	CONTRACTOR									
	INSPECTOR									
	AGREEMENT COMPLETED									
	RFD									
	CDD									
	CONC									
	RECORD									

CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE	
DIVISION USE ONLY	
SCALE: HORIZ 1" = 30'-0" VERT 1" = 8'-0"	SHEET: 9 / 25
CONTRACT DRAWING NO. CC-20647	RECORD PLAN NO.

#	DATE	CHANGE DESCRIPTION
1	06/30/2025	ALTOGENUM#01
1	06/25/2025	ALTOGENUM#02

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
SERVANTS DIGNITY COLLABORATION

**THE FALLS ON REFUGEE
ROAD**
3365 REFUGEE ROAD, COLUMBUS, OH 43232
FOR **CMHA**



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 432
PHONE: 614-461-4664

Moody Nolan CERT. NO.: FIRM 001974

STORM SEWER & GRADING PLAN

05/01/2025	22446
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DRAWING
NOT FOR
CONSTRUCTION

CONSTRUCTION

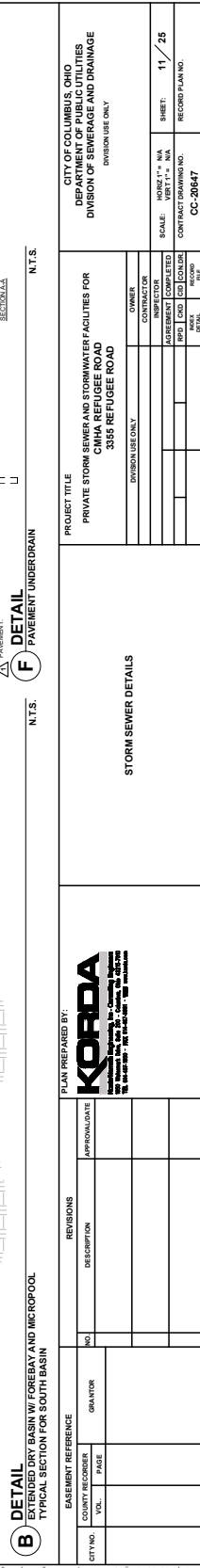
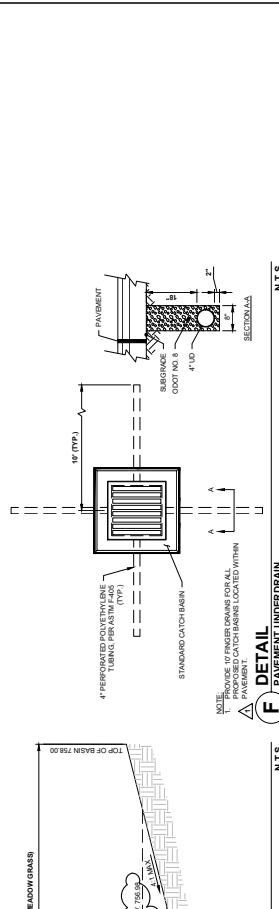
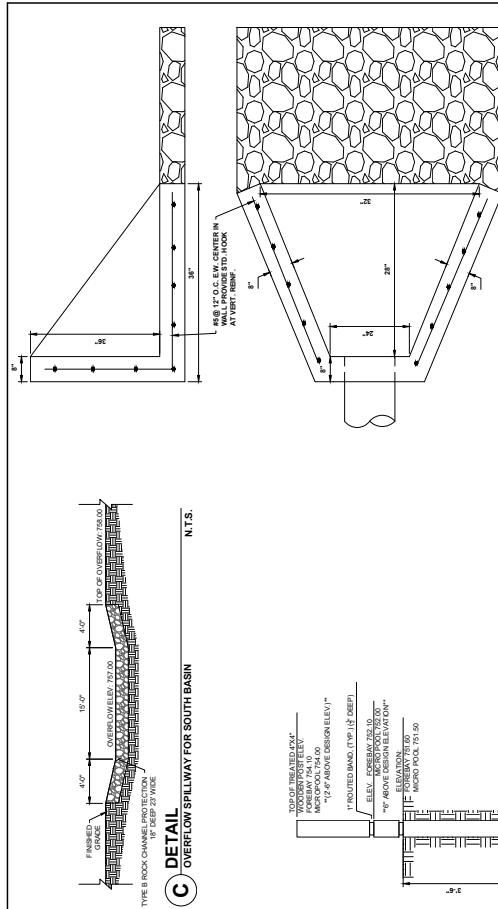
CD PROGRESS SET	

KORDA

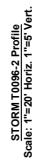
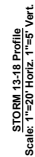
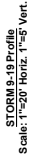
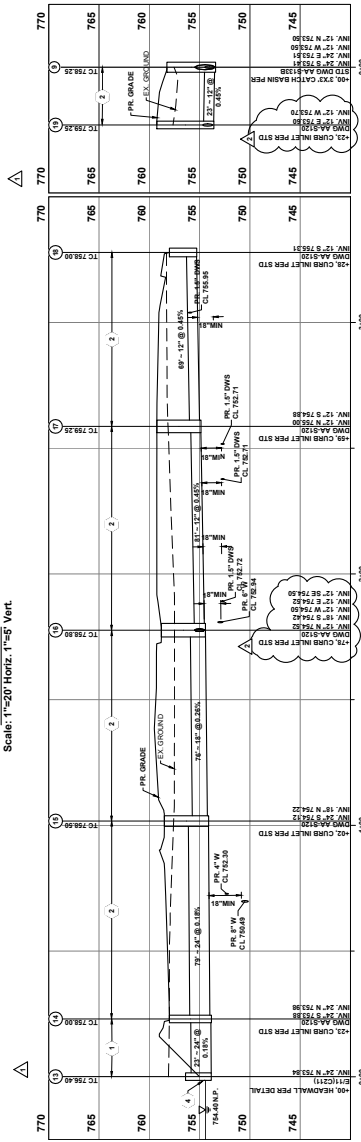
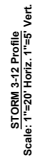
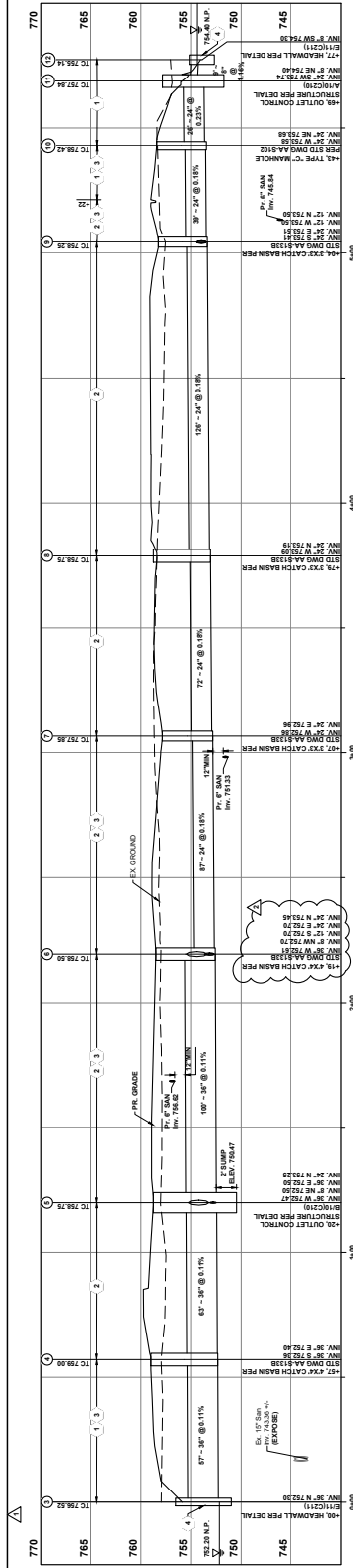
KORDA/ NEMETH ENGINEERING
1650 WATERMARK DRIVE
SUITE 200
COLUMBUS, OHIO 43215

DRAWING	EAM
DESCRIPTION	EAM
CHECKED BY	EAM

PROJECT NUMBER 2022-0431

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2024-11-26	14:30	CHONGQING	ON
2024-11-27	14:30	CHONGQING	ON
2024-11-28	14:30	CHONGQING	ON
2024-11-29	14:30	CHONGQING	ON
2024-11-30	14:30	CHONGQING	ON
2024-12-01	14:30	CHONGQING	ON
2024-12-02	14:30	CHONGQING	ON
2024-12-03	14:30	CHONGQING	ON
2024-12-04	14:30	CHONGQING	ON
2024-12-05	14:30	CHONGQING	ON
2024-12-06	14:30	CHONGQING	ON
2024-12-07	14:30	CHONGQING	ON
2024-12-08	14:30	CHONGQING	ON
2024-12-09	14:30	CHONGQING	ON
2024-12-10	14:30	CHONGQING	ON
2024-12-11	14:30	CHONGQING	ON
2024-12-12	14:30	CHONGQING	ON
2024-12-13	14:30	CHONGQING	ON
2024-12-14	14:30	CHONGQING	ON
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2024-12-27	14:30	CHONGQING	ON
2024-12-28	14:30	CHONGQING	ON
2024-12-29	14:30	CHONGQING	ON
2024-12-30	14:30	CHONGQING	ON
2024-12-31	14:30	CHONGQING	ON



(X) CODED NOTES:

- 1. BACKFILL WITH COMPACTED BACKFILL PER CASC ITEM 011.
- 2. BACKFILL WITH COMPACTED GRANULAR MATERIAL PER CASC ITEM 012.
- 3. SLOPE PIPE TO HAVE WATER TIGHT JOINTS PER CASC ITEM 901.15 AND TRENCH DAMS PER CASC ITEM 901.
- 4. PER TYPE C ROCK CHANNEL PROTECTION PER CASC ITEM 001.
15" DEEP X 10' LONG X WIDTH OF HEADWALL.

EASEMENT REFERENCE			PLANNING BY:			 KORDA INCORPORATED 10000 KORDA DRIVE, SUITE 100, COLUMBUS, OHIO 43240 TEL: 614-866-7777 FAX: 614-866-7778 WWW.KORDA.COM			STORM SEWER PROFILES			PROJECT TITLE PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR CHMHA REFUGEE ROAD 3355 REFUGEE ROAD			CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE DIVISION USE ONLY		
CITY NO.	COUNTY RECORDER	GRANTOR	NO.	DESCRIPTION	APPROPRIATE												
VOL.	PAGE																
									OWNER			CONTRACTOR					
									DIVISION USE ONLY			AGREEMENT FOR THE					
												RPT. CSD CSD COLOR					
												DATE					
												RECORD					
												SCALE: HORIZ. 1" = 30' VERT. 1" = 10'					
												SHEET: 14 / 25					
												CONTRACT DRAWING NO. CC-20647					
												RECORD PLANNING NO.					

#	DATE	CHANGE DESCRIPTION
1	06/30/2025	ADDENDUM#01
1	06/25/2025	ADDENDUM#02

 **THE FALLS ON REFUGEE
ROAD**
3365 REFUGEE ROAD, COLUMBUS, OH 43232
FOR
CMHA


Moody Nolan
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664
CERT. NO.: FIRM 0019747

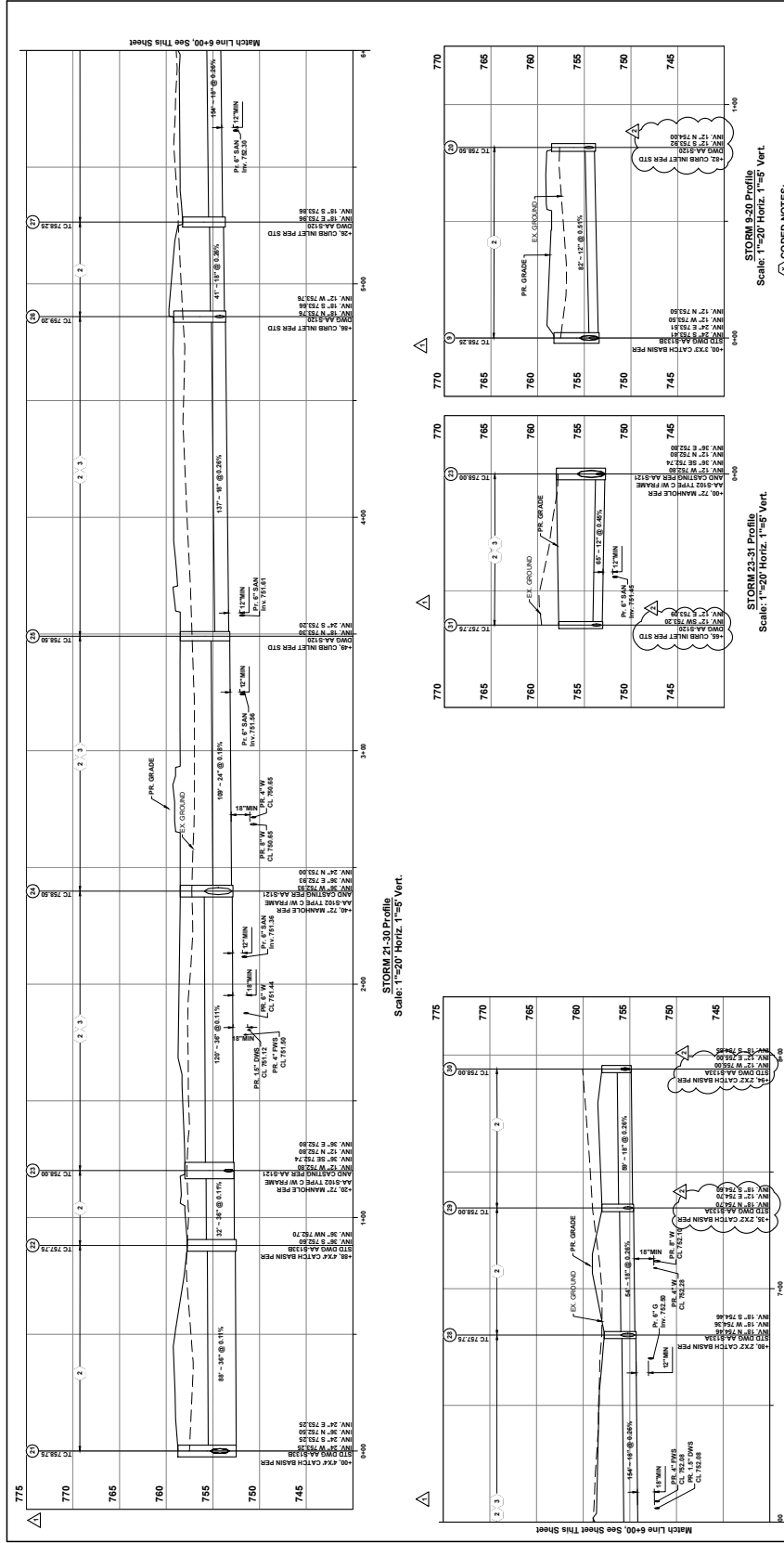
DRAWING TITLE:
STORM SEWER PROFILES

	05/01/2025
	23446
	C214
	CD PROGRESS SET

KORDA	DESIGNER	DATE
ORDURA NEMETH ENGINEERING	DATE	DATE
6650 WATERMARK DRIVE	DATE	DATE
SUITE 200	DATE	DATE
COLUMBUS, OHIO 43215	DATE	DATE
PROJECT NUMBER	DATE	DATE
2022-0431	DATE	DATE

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URGENT DATE: 6/5/2025 11:13 AM



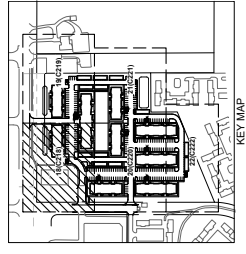
CODED NOTES:

1. BACKFILL WITH COMPACTED BACKFILL PER CASC ITEM 911
2. BACKFILL WITH COMPACTED GRANULAR MATERIAL PER CASC ITEM 912
3. SEWER PIPE TO HAVE WATERTIGHT JOINTS PER CASC ITEM 901.15 AND TRENCH DAMS PER CASC ITEM 901.
4. GROUND TYPE C ROCK CHANNEL PROTECTION PER CASC

PLAN PREPARED BY:  KORDA 10000 Kordas Blvd., Suite 100, Columbus, OH 43240 Tel: 614.460.0000 • Fax: 614.460.0001 • Web: kordainc.com			CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE DIVISION USE ONLY									
PROJECT TITLE PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR CIMHA REFUGEE ROAD 3355 REFUGEE ROAD			SCALE: HORIZ. 1" = 30'-0" VERT. 1" = 10'-0" SHEET: 15 / 25									
DIVISION USE ONLY			OWNER:									
INSPECTOR:			CONTRACTOR:									
DATE:			DATE:									
RFD:			RFD:									
CDD:			CDD:									
CONLR:			CONLR:									
LABEL:			LABEL:									
RECORD:			RECORD:									
CONTRACT DRAWING NO. CC-20647			RECORD PLAN NO.									

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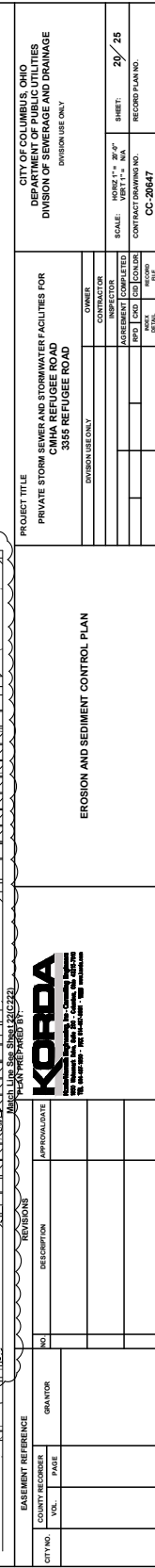




PROJECT TITLE		CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE	
PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR COLUMBUS, OHIO 3355 REFUGEE ROAD		DIVISION USE ONLY	
DIVISION USE ONLY		OWNER	
		CONTRACTOR	
		AGREEMENT	
		COMPLETED	
		RFPD	CDD
		CDD	CDD
		RECORD	RECORD
		SCALE	1" = 40'
		DATE	19/26
		CONTRACT DRAWING NO.	CC-20847
		RECORD PLAN NO.	

[illegible]

KORE	KOREA RAILING
REG'D WATERMARK	
COLUMBIA OHIO	
DESIGNED BY	DAM
MANUFACTURED BY	TEN
MADE IN KOREA	2072

[illegible]

REFER TO SHEET 17/C217



KORDA
Korda/Harris Engineering, Inc. • Consulting Engineers
1900 Walnut St., Suite 200 • Columbus, OH 43261-7900
Tel. 614.457.4400 • FAX 614.457.4401 • WWW.korda.com

CITY NO.	SALARY REFERENCE		GRANTOR	NO.	REVISIONS DESCRIPTION	APPROVAL DATE
	COUNTY FISCAL YEAR	GRADE				

PROJECT TITLE	PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR CNHA REFUGEE ROAD 3355 REFUGEE ROAD										
	DIVISION USE ONLY					OWNER					
						CONTRACT OR					
						INSPECTOR					
						AGREEMENT COMPLETED					
						RFID		CND		CONDOR	
						PAGE		FILE		RECORD	

SCALE: HORIZ 1"= 20'-0"	SHEET: 20/25
VERT 1"= N/A	RECORD PLAN NO.
CONTRACT DRAWING NO.	
CC-20647	

#	DATE	CHANGE DESCRIPTION
1	06/30/2025	ADDITION#01
1	06/25/2025	ADDITION#02

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COLUMBUS, OHIO 43222

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

Moody Nolan CERT. NO: FIRM 00197475
DRAWING TITLE:
EROSION AND SEDIMENT CONTROL
PI AN

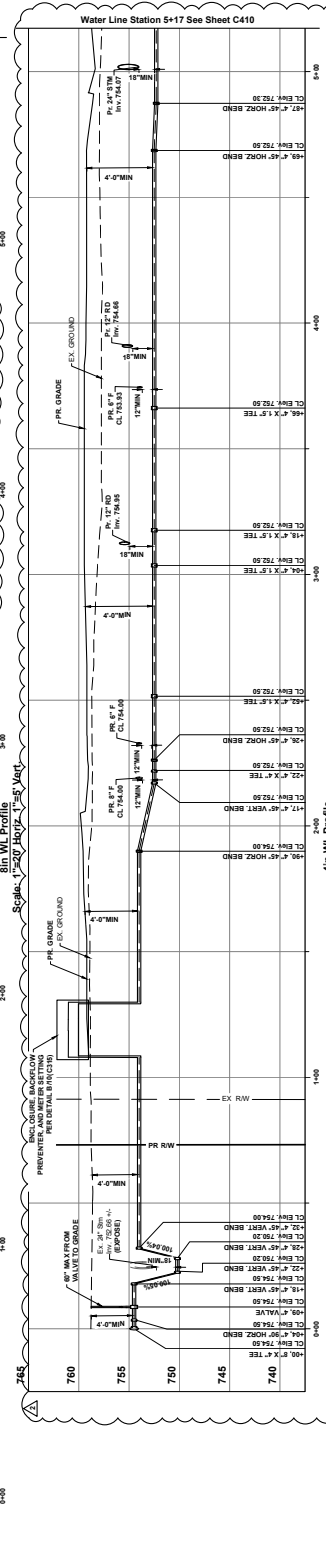
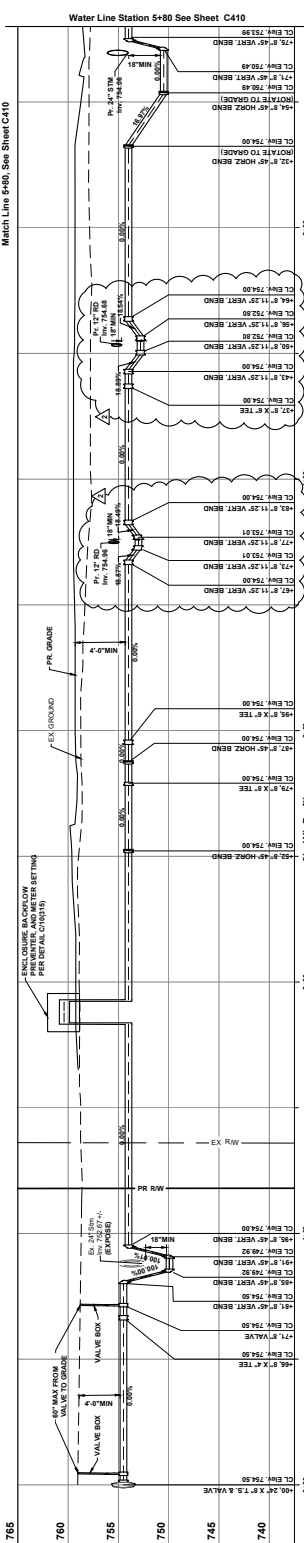
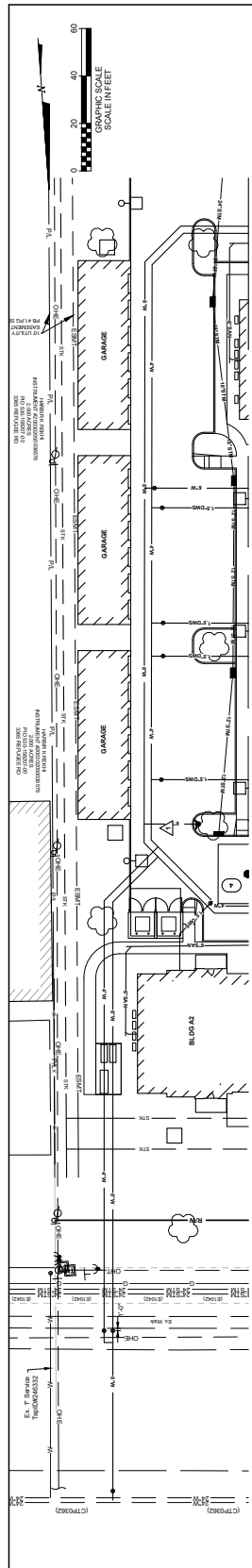
	05/01/2025
	23446
	C220
	CID PROGRESS SET

KORDA
KORDA NEMETH ENGINEERING
1650 WATERMARK DRIVE
SUITE 200
COLUMBUS, OHIO 43215

BRANBY	RAM
DECK ONE DRY	RAM
CHARGED BY	RAM

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PRINT DATE: 6/26/2025 11:21 PM
FILE INFO: Autodesk Docs\R2304254 CMHA Aspin Housing_R2304254 CMHA Aspin Housing_ARCH_R23.m

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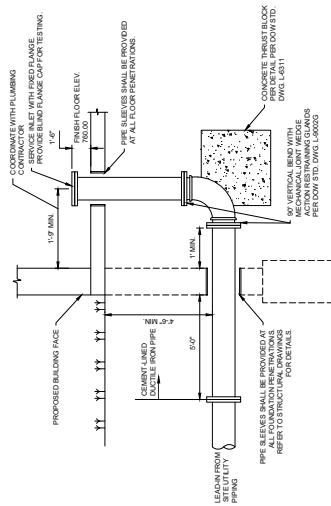
[illegible]

CITY OF COLUMBUS WATER SERVICE PLAN NOTES:

- [illegible]

UNDERGROUND PRIVATE WATER SYSTEM(S) AFTER THE CITY WATER METER(S)

90. SEULITY CONTRACTOR SHALL CALL COLUMBIAN DIVISION OF FIRE AT 614-445-4673 FOR FLUSHING AND/OR PRESSURE TEST INSPECTION OF PRIVATE FIRE SYSTEM AFTER THE CITY WATER
SEWER METER AND BACKFLOW PREVENTER.
91. NA
92. PIPE MATERIAL FOR THE UNDERGROUND PRIVATE WATER SYSTEM AFTER THE CITY WATER METER SHALL MEET THE REQUIREMENTS OF THE LOCAL BUILDING AUTHORITY HAVING JURISDICTION



- NOTES:
1. ALL WORK WITHIN BUILDING SHALL BE PER PLUMBING SPECIFICATIONS.
2. COORDINATE FOOTING LOCATIONS AND SLEEVES WITH FOUNDATION CONSTRUCTION.
3. COORDINATE FINAL LOCATIONS AND ELEVATIONS WITH PLUMBING CONTRACTOR.
4. PROVIDE CEMENT-LINED DUCTILE IRON PIPE BEHIND 5/8" OUTSIDE OF THE BUILDING AND CONTINUING THROUGH THE FLOOR PENETRATION. 1/4" WATER SERVICE ABOVE GROUND FOR FUTURE CONNECTION BY THE PLUMBING CONTRACTOR.

DETAIL

WATER SERVICE TERMINATION (SLAB ON GRADE)

N.T.S.

[illegible][illegible]

UTILITY NOTES & DETAILS

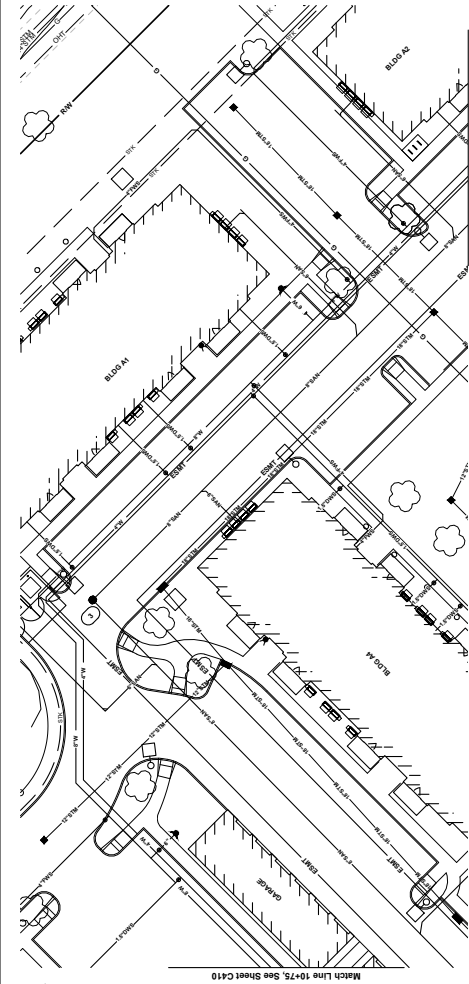
CMHA REFUGEE ROAD
3355 REFUGEE ROAD
530-156568

WSP7513

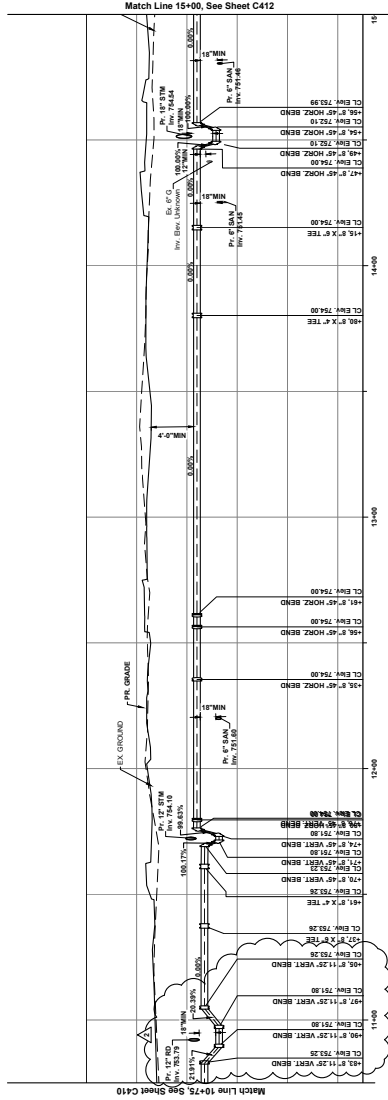
SHEET: 8 / 9



PROGRESS DRAWING NOT FOR CONSTRUCTION		C410	23446	05/01/2025
	CD PROGRESS SET			



- CODED NOTES:**
- 1. BACKFILL WITH COMPACTED BACKFILL PER CARG ITEM #11
 - 2. BACKFILL WITH COMPACTED GRANULAR MATERIAL PER CARG ITEM #2
 - 3. DUCTILE IRON PIPE PER SPEC SECTION 31100
 - 4. DUCTILE IRON PIPE PER SPEC SECTION 31100



Scale: 1"=20' Horiz. 1"=4' Vert.

#	DATE	CHANGE DESCRIPTION
1	05/01/2025	ISSUED FOR PERMIT
2	05/01/2025	ISSUED FOR PERMIT

THE FALLS ON REFUGEE ROAD
COLUMBUS, OHIO 43215
PHONE 614-481-4864
CMHA

300 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864
CERT. NO. FRM 0019475
Moody Nolan
REGISTERED PROFESSIONAL ENGINEER

WATER SERVICE PLAN & PROFILE

05/01/2025

23446

C411

CD PROGRESS SET

PROGRESS NOT FOR CONSTRUCTION

KORDA

REGISTERED PROFESSIONAL ENGINEER
COLUMBUS, OHIO 43215
PHONE 614-481-4864
CERT. NO. FRM 0019475
Moody Nolan
REGISTERED PROFESSIONAL ENGINEER

05/01/2025

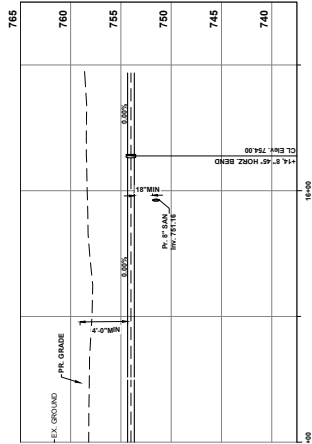
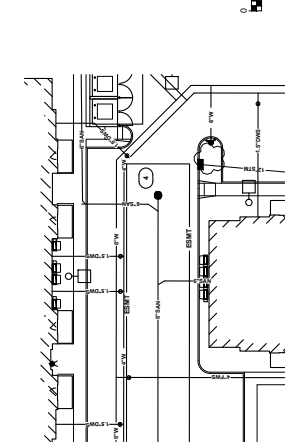
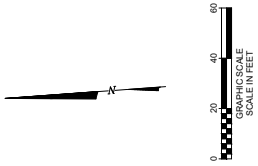
23446

C411

CD PROGRESS SET

PROGRESS NOT FOR CONSTRUCTION

- △ ○ CODED NOTES:
1. EXISTING GROUND
 2. PROPOSED GROUND
 3. PROPOSED GROUND WITH 1% SLOPE
 4. PROPOSED GROUND WITH 2% SLOPE



Site W/L Profile
Scale: 1"=20' Horiz. 1"=5' Vert.

#	DATE	CHANGE DESCRIPTION
1	02/25/2025	ADDITIONAL
2	02/25/2025	ADDITIONAL
3	02/25/2025	ADDITIONAL
4	02/25/2025	ADDITIONAL
5	02/25/2025	ADDITIONAL
6	02/25/2025	ADDITIONAL
7	02/25/2025	ADDITIONAL
8	02/25/2025	ADDITIONAL
9	02/25/2025	ADDITIONAL
10	02/25/2025	ADDITIONAL

THE FALLS ON REFUGEE ROAD
COLUMBUS, OHIO 43215
PHONE 614-481-4864
FAX 614-481-4865
CMHA

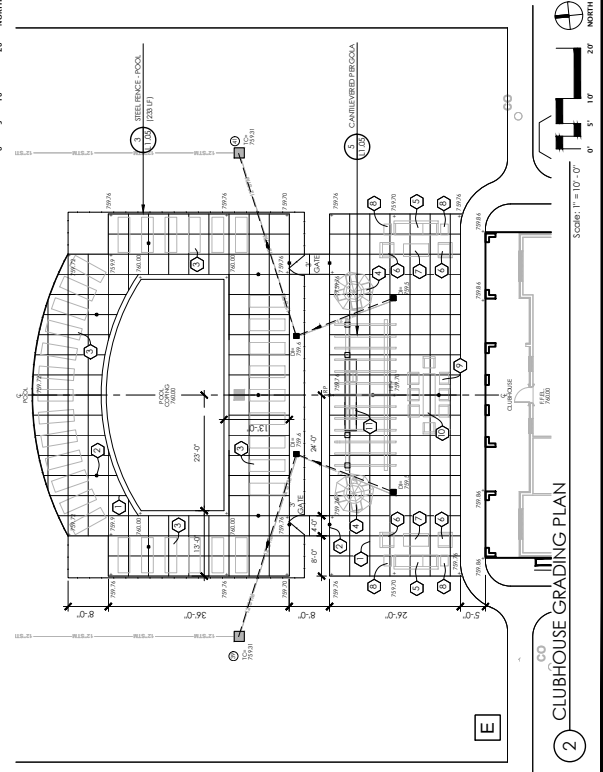
Moody Nolan
300 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864
FAX 614-481-4865
CERT. NO. FRM 0019475
CMHA

WATER SERVICE PLAN & PROFILE

KORDA
KORDA ARCHITECTURAL ENGINEERING
300 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864
FAX 614-481-4865
CMHA

PROGRESS CONSTRUCTION
300 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864
FAX 614-481-4865
CMHA

C412
CD PROGRESS SET



2. LANDSCAPE AREA, PROVIDE MINIMUM DEPTH OF 18" SOIL MIX, HOLD TOP OF SOIL DOWN 3" FROM TOP OF CURB AND/OR ADJACENT PAVEMENT TO ALLOW FOR INSTALLATION OF MULCH. PROVIDE POSITIVE DRAINAGE ACROSS ALL SURFACES.

3 SHRUB PLANTING DETAIL

A cross-sectional diagram of a tree pit. The pit is filled with a hatched pattern representing 'BACKFILL PLANTING MIX'. Above this mix is a layer of 'EXISTING SOIL'. A tree is shown growing within the pit, with its roots extending into the backfill mix. A vertical line on the right side of the pit indicates the ground surface level.

A cross-sectional diagram of a mulch layer. It shows a thick layer of bark mulch on top of a layer of finish grade. A line points to the mulch layer with the label "HARDWOOD BARK MULCH" and another line points to the layer below it with the label "FINISH GRADE".

LEGEND

— CONTROL JOINT
— EXPANSION JOINT
— CONCRETE PAVEMENT

NOTE:
POOL LAYOUT SHOWN FOR CONCEPTUAL PURPOSES ONLY.

311

[illegible]

CONSTRUCTION NOTES:

LEG-END

NOTE:
POOL LAYOUT SHOWN FOR CONCEPTUAL PURPOSES ONLY.

1. EXAMINE FINISH SURFACE, GRADES, TOPSOIL, QUALITY AND DEPTH, DO NOT START ANY WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED, VERY LIMITED TIME BEFORE BEGINNING STARTING.
2. CONTRACTOR'S RESPONSIBLE FOR COST OF REMEDIATION OF ANY DAMAGE TO EXISTING DAMAGED BY CONTRACTOR. REPAIR DAMAGES TO THE SATISFACTION OF THE OWNER.
3. ALL PLANT MASS TO BE CONTAINED WITHIN 3" OF THE EXISTING GRADE.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE IN ALL WATERSHED AREAS.
5. CONTRACTOR SHALL PROVIDE A SMOOTH AND CONTINUOUS GRASS FREE OF IRREGULARITIES OR DIPPRESSIONS.
6. CONTRACTOR SHALL SEED OR SOO ALL AREAS OF EXPOSED SOIL TO PREVENT EROSION.
7. ALL PLANT MASS SHALL MEET EXISTED STANDARDS SET IN THE U.S. STANDARDS FOR NURSERY STOCK.
8. ALL PLANTING OPERATIONS SHALL ADHERE TO THE AMERICAN ASSOCIATION OF NURSERY MEN STANDARDS.



Moody Nolan

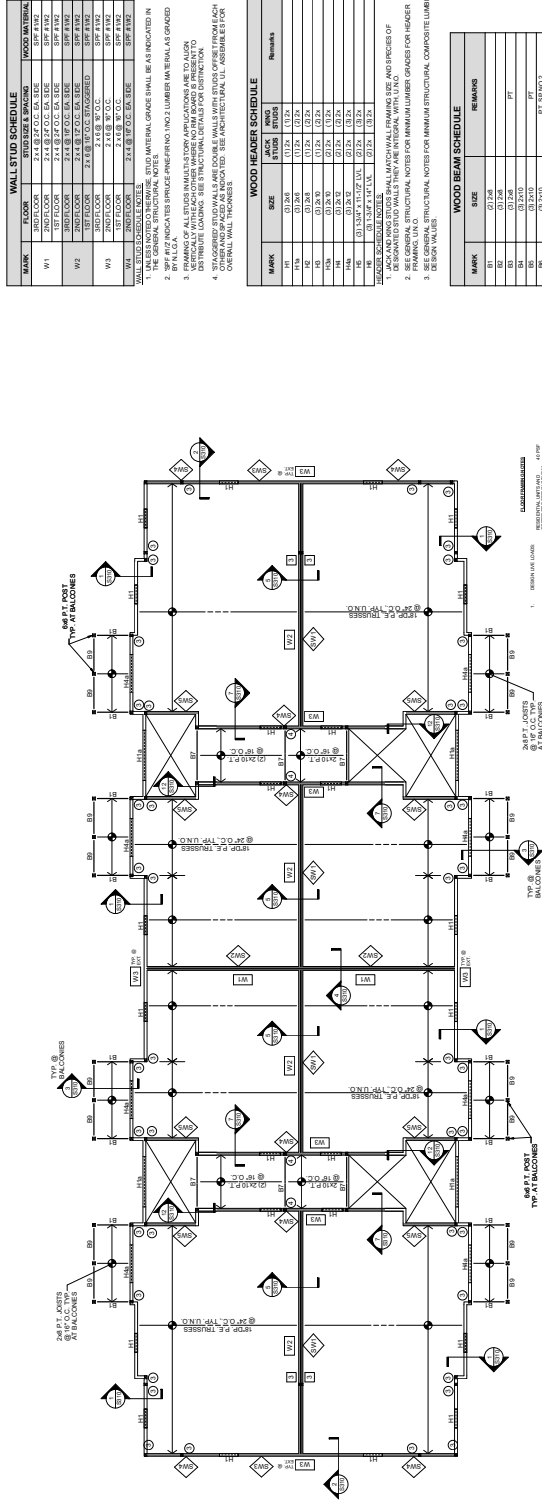
 SUITE 300
 300 SPRUCE STREET
 COLUMBUS, OHIO 43215
 PHONE: 614-461-4664
 CERT. NO.: FIRM 00197475

LANDSCAPE DETAILS

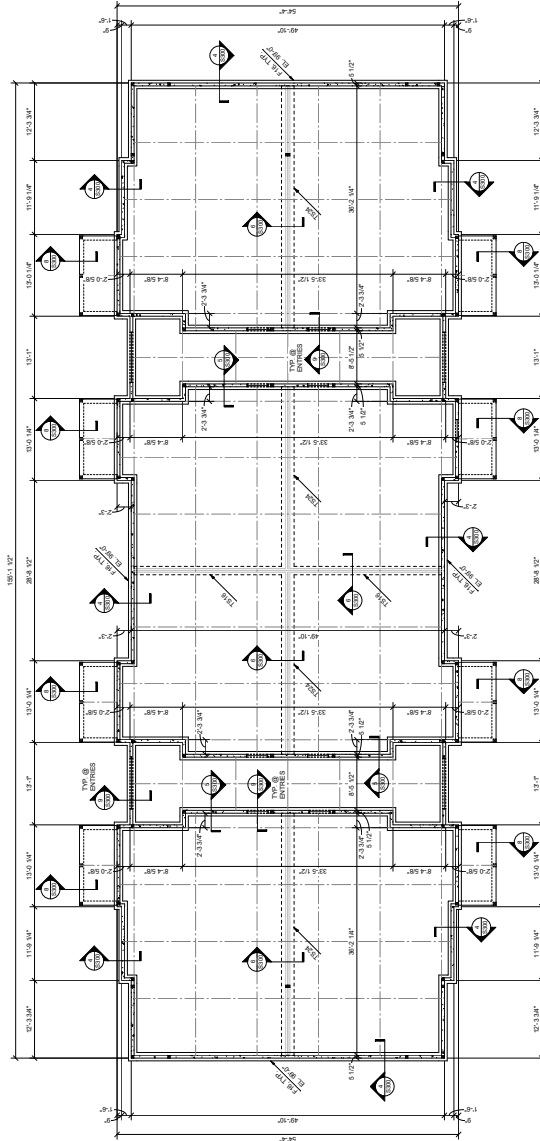
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CONSTRUCTION DOCUMENTS

05/01/2025	23446	L1.05	CONSTRUCTION DOCUMENTS
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2ND FLOOR FRAMING PLAN



FOUNDATION PLAN

WALL STUD SCHEDULE			WOOD MATERIAL
MARK	FLOOR	STUD SIZE & SPACING	
W1	3RD FLOOR	2 x 4 @ 12" O.C. EA. SIDE	SIP # 192
	2ND FLOOR	2 x 4 @ 12" O.C. EA. SIDE	SIP # 192
	1ST FLOOR	2 x 4 @ 12" O.C. EA. SIDE	SIP # 192
W2	3RD FLOOR	2 x 4 @ 12" O.C. EA. SIDE	SIP # 192
	2ND FLOOR	2 x 4 @ 15" O.C. STAGGERED	SIP # 192
	1ST FLOOR	2 x 4 @ 12" O.C. EA. SIDE	SIP # 192
W3	3RD FLOOR	2 x 4 @ 12" O.C.	SIP # 192
	2ND FLOOR	2 x 4 @ 12" O.C. EA. SIDE	SIP # 192
	1ST FLOOR	2 x 4 @ 12" O.C. EA. SIDE	SIP # 192
W4	3RD FLOOR	2 x 4 @ 12" O.C. EA. SIDE	SIP # 192
	2ND FLOOR	2 x 4 @ 12" O.C. EA. SIDE	SIP # 192
	1ST FLOOR	2 x 4 @ 12" O.C. EA. SIDE	SIP # 192

[illegible]

WOOD HEADER SCHEDULE				
MARK	SIZE	JACK SPINDS	WING SPINDS	REMARKS
H1	(1) 2x6	(1) 2x	(1) 2x	
H2	(1) 2x6	(1) 2x	(1) 2x	
H3	(1) 2x6	(1) 2x	(1) 2x	
H4	(1) 2x6	(1) 2x	(1) 2x	
H5	(1) 2x6	(1) 2x	(1) 2x	
H6	(1) 2x6	(1) 2x	(1) 2x	
H7	(1) 2x6	(1) 2x	(1) 2x	
H8	(1) 2x6	(1) 2x	(1) 2x	
H9	(1) 2x6	(1) 2x	(1) 2x	
H10	(1) 2x6	(1) 2x	(1) 2x	
H11	(1) 2x6	(1) 2x	(1) 2x	
H12	(1) 2x6	(1) 2x	(1) 2x	
H13	(1) 2x6	(1) 2x	(1) 2x	
H14	(1) 2x6	(1) 2x	(1) 2x	
H15	(1) 2x6	(1) 2x	(1) 2x	
H16	(1) 2x6	(1) 2x	(1) 2x	

HEADER SCHEDULE NOTES:

1. JACK AND KING STUDS SHALL MATCH WALL FRAMING SIZE AND SPECIES OF DESIGNATED STUD WALLS THEY ARE INTEGRAL WITH UNO.
2. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM LUMBER GRADES FOR HEADER FRAMING, UNO.
3. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM STRUCTURAL COMPOSITE LUMBER DESIGN VALUES.

[illegible]

1. SEE PLAN FOR COLUMNS SUPPORT POST SIZE.
2. BEAMS SHALL BE FULLY ON SUPPORT POSTS WITH POST CAP OR BLOCK ENDS TO RE STRAIN BEAM FROM ROTATION.
3. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM LUMBER GRADES FOR WOOD FRAMING, UN O.
4. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM STRUCTURAL

CONT. WALL FOOTING SCHEDULE		
MARK F #	SIZE	REINFORCING
F30	1'-4" X 2'-4" D ₃	(2) #5 CONT. TOP & BOT.
F30	2'-0" X 2'-4" D ₃	(3) #5 CONT. TOP & BOT.
F316	1'-4" X 1'-0" D ₃	(2) #5 CONT. BOT.
F324	2'-0" X 1'-0" D ₃	(3) #5 CONT. BOT.

[illegible]

#	DATE	CHANGE DESCRIPTION
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2	06/25/2025	ADJOURNAL 402

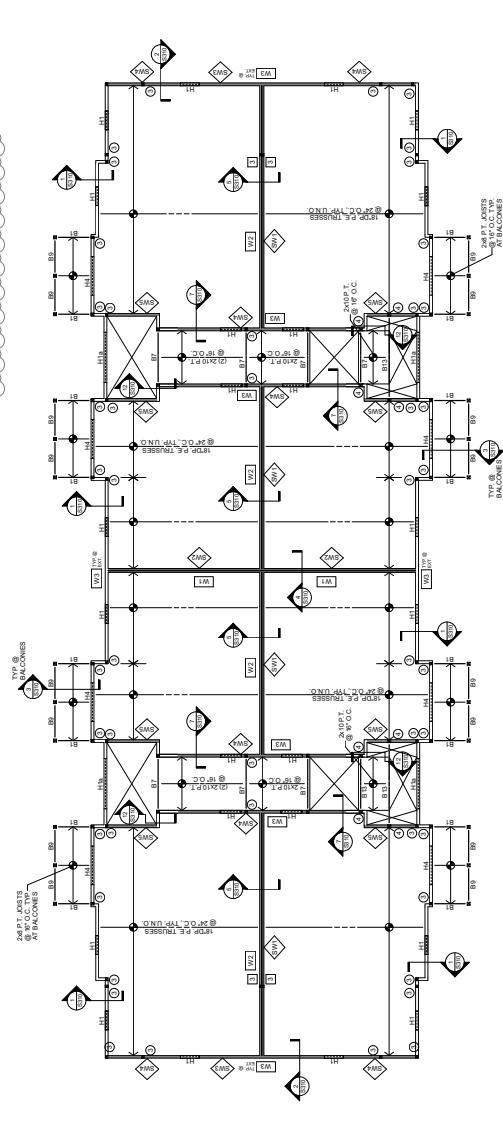
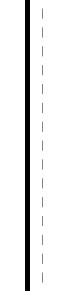
 **COLUMBUS METROPOLITAN
HOUSING AUTHORITY**
FOR
**CMHA REFUGEE ROAD
HOUSING DEVELOPMENT**
3356 REFUGEE ROAD, COLUMBUS, OH 43222



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

Moody Nolan CERT. NO.: FIRM 00197475
DRAWING TITLE:
**FOUNDATION PLAN AND 2ND FLOOR
FRAMING PLAN- BLDG. A**

PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	S101-A
	C/D PROGRESS SET



3RD FLOOR FRAMING PLAN

[illegible]

WALL STD. SCHEDULE NOTES:
1. UNLESS NOTED OTHERWISE, STUD MATERIAL GRADE SHALL BE AS INDICATED IN THE GENERAL STRUCTURAL NOTES.
2. 99W12 INDICATES SPRUCE-PINE-FIR NO. 1 NO. 2 LUMBER MATERIAL AS GRADED BY N.L.A.
3. FRAMING OF ALL STUDS IN ALL THIRTY STORY APPLICATIONS ARE TO ALIGN VERTICALLY WITH EACH OTHER WHERE NO RM BOARD IS PRESENT TO DISTRIBUTE LOADING. SEE STRUCTURAL DETAILS FOR DISTINCTION.
4. VERTICAL DISTANCE BETWEEN STUDS SHALL BE 16" O.C. WITH STUDS TO BE SPACED ON EACH

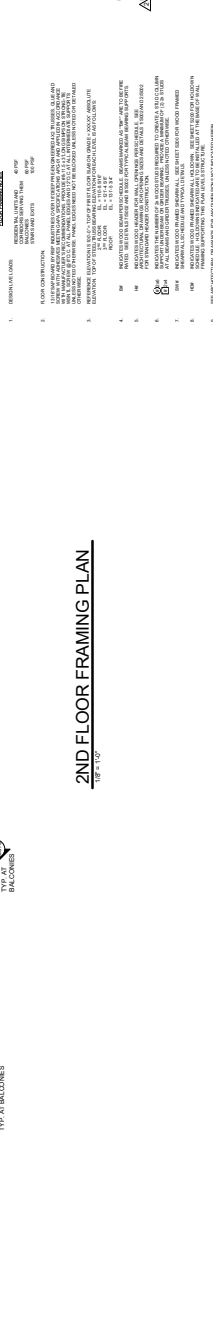
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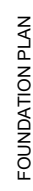
1. JACK AND KING STUDS SHALL MATCH WALL FRAMING SIZE AND SPECIES OF DESIGNATED STUD WALLS. THEY ARE INTEGRAL WITH UNO.
2. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM LUMBER GRADES FOR HEADER FRAMING, UNO.
3. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM STRUCTURAL COMPOSITE LUMBER DESIGN VALUES.

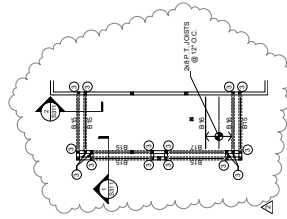
WOOD BEAMS/SCHEMATIC NOTES:	BT7	5'-11 1/4" X 11'-11 1/4" PSL	PL 2.0E
1. SEE PLAN FOR COLUMN/SUPPORT POST SIZE. 2. BEAMS SHALL BEAR FULLY ON SUPPORT POSTS WITH POST CAP OR BLOCK ENDS TO RES TRAIN BEAM FROM ROTATION. 3. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM LUMBER GRADES FOR BEAM FRAMING, U.N.O.			



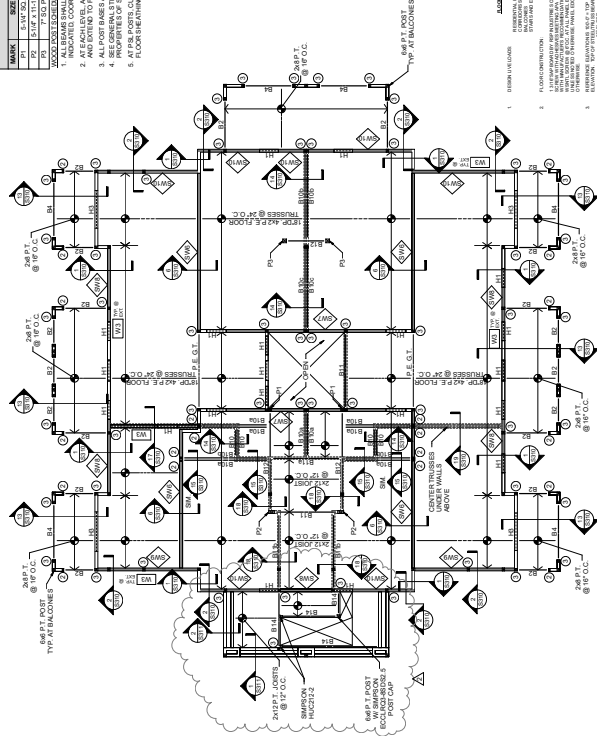
3. GROUND OF FOOTING ARE TO BE AT LEAST 6 INCHES BELOW THE ADJACENT EXISTING FINISHED GRADE FOR PROTECTION.
4. ELEVATIONS SHOWN ON FOOTINGS INDICATE SLAB ELEVATION AT TOP OF FOOTING. REFERENCE ELEVATION OF CONCRETE SLAB ELEVATION AS NOTED ON PLAN. COORDINATE ASSUMED ELEVATION OF TOP OF SLAB IS 321.00 FEET.
5. UNGRADED FOOTING STEP SECTION 33060 STEP AT A MAX TO EXCEED ONE INCH PER 10 FEET ADJACENT WALL.
6. PERMITS MAY REQUIRE WALL INTERFERENCE WITH DETAIL.

 $16^\circ = 1.0^\circ$

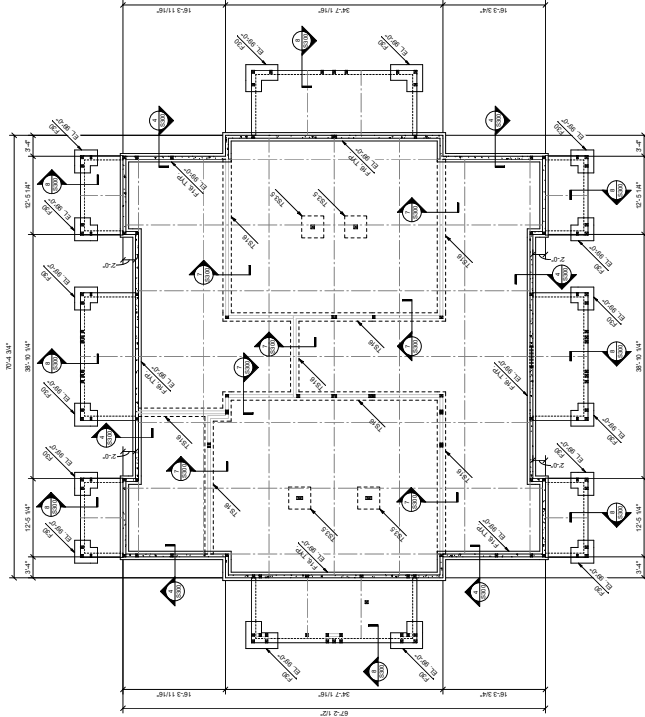




STAIR LANDING FRAMING PLAN



2ND FLOOR FRAMING PLAN



FOUNDATION PLAN

WOOD POST SCHEDULE			
MARK	SIZE	POST	ADDITIONAL COMMENTS
P1	5" X 6" OIL	ECOLIGHT 46000 S	
P2	5 1/2" X 1 1/2" PSL	ECOLIGHT 46000 S	
P3	7" X 6" PSL	ECOLIGHT 11000 S	

WOOD POST SCHEDULE NOTES:

1. INDICATED COMPONENT MANUFACTURER'S INSTALLATION INSTRUCTIONS WILL BE FOLLOWED.
2. AT EACH LOCATION, ALL POSTS SHALL BE COMPOSED OF ONE CONTINUOUS PIECE OF LUMBER. NO JOINTS OR SPICES SHALL BE USED.
3. ALL POSTS SHALL BE 10' LONG.
4. SEE GENERAL TOLERANCES AND NOTES FOR LUMBER GRADES OR MINIMUM PROPERTIES OF STRUCTURAL COMPOSITE LUMBER.
5. ALL POSTS SHALL BE 10' LONG.
6. ALL BOTTOM PLATES AND INSTAL POSTS TOGETH

1. ALL BEAMS SHALL BEASSEMBLED ON WOOD POSTS. WHERE POST CARS ARE INDICATED, COORDINATE MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH THIS SPECIFICATION.
2. AT EACH LEVEL, ALL POSTS SHALL BE COMPRISED OF ONE CONTINUOUS PIECE AND EXTEND TO FOUNDATION SUPPORT OR TRANSFER BEAM BELOW, UNLESS OTHERWISE NOTED.
3. ALL POST BASES AND CAPS ARE TO BE BY SIMPSON STRONGTIE U.N.O. TYPE OR APPROVED EQUAL.
4. SEE GENERAL STRUCTURAL NOTES FOR LUMBER GRADES OR MINIMUM SPECIFICATIONS OF STRUCTURAL COMPOSITE LUMBER.
5. AT PSL POSTS, CUT OUT TOP AND BOTTOM PLATES AND INSTALL POSTS TIGHT TO FLOOR SHEATHING OR SUPPORT.

BANK	WALL STUD SCHEDULE		WOOD MATERIAL	
	FLOOR	STUD SCHED	FLOOR	STUD SCHED
W1	2ND FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
	1ST FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
	2ND FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
W2	2ND FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
	1ST FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
	2ND FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
W3	2ND FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
	1ST FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
	2ND FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
W4	2ND FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
	1ST FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142
	2ND FLOOR	2x4 SCHED 2x6 @ 16" O.C.	SIP F142	SIP F142

UNLESS NOTED OTHERWISE, STUD MATERIAL GRADE SHALL BE AS INDICATED IN

- 1. UNLESS NOTED OTHERWISE, STUD MATERIAL GRADE SHALL BE AS INDICATED IN THE GENERAL SPECIFICATION NOTES.**
- 2. "3P" INDICATES 3 PLY SPRUCE-PINE-FIR OR 1 NO. 2 LUMBER MATERIAL AS GRADED BY N.L.G.A.**
- 3. FRAMING OF ALL STUDS IN MULTI-STORY APPLICATIONS ARE TO ALIGN VERTICALLY WITH EACH OTHER WHERE NO RM BOARD IS PRESENT TO DISTRIBUTE LOADING. SEE STRUCTURAL DETAILS FOR DISTINCTION.**
- 4. STAGGERED STUD WALLS ARE DOUBLE WALLS WITH STUDS OFFSET FROM EACH OTHER AND SPACED AS NOTED. SEE ARCHITECTURAL U.L. SYSTEMS FOR EACH STUD TYPE.**

WOOD HEADER SCHEDULE				
MARK	SIZE	JACK STUDS	WING STUDS	RESULTS
H1	(3) 2x6	(1) 2x4	(1) 2x4	
H1N	(3) 2x6	(1) 2x4	(1) 2x4	
H2	(3) 2x6	(1) 2x4	(1) 2x4	
H2N	(3) 2x6	(1) 2x4	(1) 2x4	
H3N	(3) 2x6	(1) 2x4	(1) 2x4	
H4	(1) 2x4	(1) 2x4	(1) 2x4	
H4N	(3) 2x4	(1) 2x4	(1) 2x4	
H5	(3) 1.5M x 11.17' LVL		(3) 2x4	
H6	(3) 1.5M x 11.17' LVL		(1) 2x4	

- HEADER SCHEDULE NOTES:**
1. JACK AND KING STUDS SHALL MATCH WALL FRAMING SIZE AND SPECIES OF DESIGNATED STUD WALLS THEY ARE INTEGRAL WITH UNO.
 2. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM LUMBER GRADES FOR HEADER FRAMING, UNO.
 3. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM STRUCTURAL COMPOSITE LUMBER DESIGN VALUES.

[illegible]

1. SEE PLAN FOR COLUMNS SUPPORT POST SIZE.
2. BEAMS SHALL BE FULLY ON SUPPORT POSTS WITH POST CAP OR BLOCK ENDS TO RE STRAIN BEAM FROM ROTATION.
3. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM LUMBER GRADES FOR WOOD FRAMING, UN O.
4. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM STRUCTURAL

SPREAD FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
FOOTING	3' 0" x 3' 0" x 1' 0"	2#3 @ 6" E.C. 10#1 @ 24"

CONT. WALL FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F#	1'-4" x 2'-4" (p)	(2) #5 CONT. TOP & BOT
F30	2'-0" x 2'-4" (p)	(3) #5 CONT. TOP & BOT
T316	1'-4" x 1'-0" (p)	(2) #5 CONT. BOT.
T324	2'-0" x 1'-0" (p)	(3) #5 CONT. BOT.

1. **PREPARE THE SOIL** BY REMOVING ALL WEEDS, STONES AND OTHER FOREIGN MATERIALS. PREPARE THE SOIL BY REMOVING ALL WEEDS, STONES AND OTHER FOREIGN MATERIALS. PREPARE THE SOIL BY REMOVING ALL WEEDS, STONES AND OTHER FOREIGN MATERIALS.
2. **CONSTRUCT THE FOUNDATION** BY POURING CONCRETE INTO THE FORMS. CONSTRUCT THE FOUNDATION BY POURING CONCRETE INTO THE FORMS. CONSTRUCT THE FOUNDATION BY POURING CONCRETE INTO THE FORMS.
3. **ERECT THE WALLS** BY BRICKLaying OR CONCRETE BLOCKS. ERECT THE WALLS BY BRICKLaying OR CONCRETE BLOCKS. ERECT THE WALLS BY BRICKLaying OR CONCRETE BLOCKS.
4. **INSTALL THE ROOFING** BY LAYING SHINGLES OR METAL SHEETING. INSTALL THE ROOFING BY LAYING SHINGLES OR METAL SHEETING. INSTALL THE ROOFING BY LAYING SHINGLES OR METAL SHEETING.
5. **FINISH THE INTERIOR** BY PLASTERING OR DRYWALL. FINISH THE INTERIOR BY PLASTERING OR DRYWALL. FINISH THE INTERIOR BY PLASTERING OR DRYWALL.
6. **COMPLETE THE EXTERIOR** BY LANDSCAPING OR PAINTING. COMPLETE THE EXTERIOR BY LANDSCAPING OR PAINTING. COMPLETE THE EXTERIOR BY LANDSCAPING OR PAINTING.

#	DATE	CHANGE DESCRIPTION
1	06/30/2025	ADDC NOLIM #01
2	06/30/2025	ADDC NOLIM #02

 **COLUMBUS METROPOLITAN
HOUSING AUTHORITY**

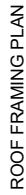
**CMHA REFUGEE ROAD
HOUSING DEVELOPMENT**
3366 REFUGEE ROAD, COLUMBUS, OH 43222
FOR



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

Moody Nolan CERT. NO.: FIRM 001974
DRAWING TITLE:
FOUNDATION PLAN AND 2ND FLOOR
FRAMING PLAN- BLDG. D

PROGRESS DRAWING NOT FOR CONSTRUCTION	05-01/2025
	23446
	S107-D
	C/D PROGRESS SET



- | WALL STUD SCHEDULE | | | WOOD MATERIAL |
|--------------------|-----------|-----------------------------|---------------|
| MARK | FLOOR | STUD SIZE & SPACING | SIP #/R2 |
| W1 | 3RD FLOOR | 2 x 4 @ 2' 0" O.C. EA. SIDE | SIP #/R2 |
| | 2ND FLOOR | 2 x 4 @ 2' 0" O.C. EA. SIDE | SIP #/R2 |
| | 1ST FLOOR | 2 x 4 @ 2' 0" O.C. EA. SIDE | SIP #/R2 |
| | 3RD FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| W2 | 3RD FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| | 2ND FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| | 1ST FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| | 3RD FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| W3 | 3RD FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| | 2ND FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| | 1ST FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| | 3RD FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| W4 | 3RD FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| | 2ND FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| | 1ST FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |
| | 3RD FLOOR | 2 x 4 @ 1' 0" O.C. EA. SIDE | SIP #/R2 |

- MAIL STUDY SCHEDULE NOTES:**
1. UNLESS NOTED OTHERWISE, STUD MATERIAL GRADE SHALL BE AS INDICATED IN THE GENERAL STRUCTURAL NOTES.
2. "SP# 12" INDICATES 5/8" PLYS OF PINE 1X10 2 LUMBER MATERIAL AS GRADED BY N.L.G.A.
3. FRAMING OF ALL STUDS IN MULTISTORY APPLICATIONS ARE TO ALIGN VERTICALLY WITH EACH OTHER WHERE NO RM BOUNDARY IS PRESENT TO DISTURB LOADING. SEE STRUCTURAL DETAILS FOR DISTINCTION
4. STAGGERED STUD WALLS ARE DOUBLE WALLS WITH STUDS OFFSET FROM EACH OTHER AND SPACED AS INDICATED. SEE ARCHITECTURAL U.P. 1.6.1. REBARS FOR

WOOD HEADER SCHEDULE				
MARK	SIZE	JACK STUDS	KING STUDS	Remarks
H1	(3) 2x6	(1) 2x	(1) 2x	
H2A	(3) 2x6	(1) 2x	(2) 2x	
H3	(3) 2x6	(1) 2x	(2) 2x	
H4	(3) 2x6	(1) 2x	(2) 2x	
H5A	(3) 2x6	(2) 2x	(2) 2x	
H6	(3) 2x6	(2) 2x	(2) 2x	
H7	(3) 2x6	(2) 2x	(2) 2x	
H8	(3) 2x6	(2) 2x	(2) 2x	
H9	(3) 2x6	(2) 2x	(2) 2x	
H10	(3) 2x6	(2) 2x	(2) 2x	
H11	(3) 2x6	(2) 2x	(2) 2x	
H12	(3) 2x6	(2) 2x	(2) 2x	
H13	(3) 2x6	(2) 2x	(2) 2x	
H14	(3) 2x6	(2) 2x	(2) 2x	
H15	(3) 2x6	(2) 2x	(2) 2x	
H16	(3) 2x6	(2) 2x	(2) 2x	
H17	(3) 2x6	(2) 2x	(2) 2x	
H18	(3) 2x6	(2) 2x	(2) 2x	
H19	(3) 2x6	(2) 2x	(2) 2x	
H20	(3) 2x6	(2) 2x	(2) 2x	
H21	(3) 2x6	(2) 2x	(2) 2x	
H22	(3) 2x6	(2) 2x	(2) 2x	
H23	(3) 2x6	(2) 2x	(2) 2x	
H24	(3) 2x6	(2) 2x	(2) 2x	
H25	(3) 2x6	(2) 2x	(2) 2x	
H26	(3) 2x6	(2) 2x	(2) 2x	
H27	(3) 2x6	(2) 2x	(2) 2x	
H28	(3) 2x6	(2) 2x	(2) 2x	
H29	(3) 2x6	(2) 2x	(2) 2x	
H30	(3) 2x6	(2) 2x	(2) 2x	
H31	(3) 2x6	(2) 2x	(2) 2x	
H32	(3) 2x6	(2) 2x	(2) 2x	
H33	(3) 2x6	(2) 2x	(2) 2x	
H34	(3) 2x6	(2) 2x	(2) 2x	
H35	(3) 2x6	(2) 2x	(2) 2x	
H36	(3) 2x6	(2) 2x	(2) 2x	
H37	(3) 2x6	(2) 2x	(2) 2x	
H38	(3) 2x6	(2) 2x	(2) 2x	
H39	(3) 2x6	(2) 2x	(2) 2x	
H40	(3) 2x6	(2) 2x	(2) 2x	
H41	(3) 2x6	(2) 2x	(2) 2x	
H42	(3) 2x6	(2) 2x	(2) 2x	
H43	(3) 2x6	(2) 2x	(2) 2x	
H44	(3) 2x6	(2) 2x	(2) 2x	
H45	(3) 2x6	(2) 2x	(2) 2x	
H46	(3) 2x6	(2) 2x	(2) 2x	
H47	(3) 2x6	(2) 2x	(2) 2x	
H48	(3) 2x6	(2) 2x	(2) 2x	
H49	(3) 2x6	(2) 2x	(2) 2x	
H50	(3) 2x6	(2) 2x	(2) 2x	
H51	(3) 2x6	(2) 2x	(2) 2x	
H52	(3) 2x6	(2) 2x	(2) 2x	
H53	(3) 2x6	(2) 2x	(2) 2x	
H54	(3) 2x6	(2) 2x	(2) 2x	
H55	(3) 2x6	(2) 2x	(2) 2x	
H56	(3) 2x6	(2) 2x	(2) 2x	
H57	(3) 2x6	(2) 2x	(2) 2x	
H58	(3) 2x6	(2) 2x	(2) 2x	
H59	(3) 2x6	(2) 2x	(2) 2x	
H60	(3) 2x6	(2) 2x	(2) 2x	
H61	(3) 2x6	(2) 2x	(2) 2x	
H62	(3) 2x6	(2) 2x	(2) 2x	
H63	(3) 2x6	(2) 2x	(2) 2x	
H64	(3) 2x6	(2) 2x	(2) 2x	
H65	(3) 2x6	(2) 2x	(2) 2x	
H66	(3) 2x6	(2) 2x	(2) 2x	
H67	(3) 2x6	(2) 2x	(2) 2x	
H68	(3) 2x6	(2) 2x	(2) 2x	
H69	(3) 2x6	(2) 2x	(2) 2x	
H70	(3) 2x6	(2) 2x	(2) 2x	
H71	(3) 2x6	(2) 2x	(2) 2x	
H72	(3) 2x6	(2) 2x	(2) 2x	
H73	(3) 2x6	(2) 2x	(2) 2x	
H74	(3) 2x6	(2) 2x	(2) 2x	
H75	(3) 2x6	(2) 2x	(2) 2x	
H76	(3) 2x6	(2) 2x	(2) 2x	
H77	(3) 2x6	(2) 2x	(2) 2x	
H78	(3) 2x6	(2) 2x	(2) 2x	
H79	(3) 2x6	(2) 2x	(2) 2x	
H80	(3) 2x6	(2) 2x	(2) 2x	
H81	(3) 2x6	(2) 2x	(2) 2x	
H82	(3) 2x6	(2) 2x	(2) 2x	
H83	(3) 2x6	(2) 2x	(2) 2x	
H84	(3) 2x6	(2) 2x	(2) 2x	
H85	(3) 2x6	(2) 2x	(2) 2x	
H86	(3) 2x6	(2) 2x	(2) 2x	
H87	(3) 2x6	(2) 2x	(2) 2x	
H88	(3) 2x6	(2) 2x	(2) 2x	
H89	(3) 2x6	(2) 2x	(2) 2x	
H90	(3) 2x6	(2) 2x	(2) 2x	
H91	(3) 2x6	(2) 2x	(2) 2x	
H92	(3) 2x6	(2) 2x	(2) 2x	
H93	(3) 2x6	(2) 2x	(2) 2x	
H94	(3) 2x6	(2) 2x	(2) 2x	
H95	(3) 2x6	(2) 2x	(2) 2x	
H96	(3) 2x6	(2) 2x	(2) 2x	
H97	(3) 2x6	(2) 2x	(2) 2x	
H98	(3) 2x6	(2) 2x	(2) 2x	
H99	(3) 2x6	(2) 2x	(2) 2x	
H100	(3) 2x6	(2) 2x	(2) 2x	

- | | 76 | 101 | 126 | 151 | 176 | 201 | 226 | 251 | 276 | 301 | 326 | 351 | 376 | 401 | 426 | 451 | 476 | 501 | 526 | 551 | 576 | 601 | 626 | 651 | 676 | 701 | 726 | 751 | 776 | 801 | 826 | 851 | 876 | 901 | 926 | 951 | 976 | 1001 | 1026 | 1051 | 1076 | 1101 | 1126 | 1151 | 1176 | 1201 | 1226 | 1251 | 1276 | 1301 | 1326 | 1351 | 1376 | 1401 | 1426 | 1451 | 1476 | 1501 | 1526 | 1551 | 1576 | 1601 | 1626 | 1651 | 1676 | 1701 | 1726 | 1751 | 1776 | 1801 | 1826 | 1851 | 1876 | 1901 | 1926 | 1951 | 1976 | 2001 | 2026 | 2051 | 2076 | 2101 | 2126 | 2151 | 2176 | 2201 | 2226 | 2251 | 2276 | 2301 | 2326 | 2351 | 2376 | 2401 | 2426 | 2451 | 2476 | 2501 | 2526 | 2551 | 2576 | 2601 | 2626 | 2651 | 2676 | 2701 | 2726 | 2751 | 2776 | 2801 | 2826 | 2851 | 2876 | 2901 | 2926 | 2951 | 2976 | 3001 | 3026 | 3051 | 3076 | 3101 | 3126 | 3151 | 3176 | 3201 | 3226 | 3251 | 3276 | 3301 | 3326 | 3351 | 3376 | 3401 | 3426 | 3451 | 3476 | 3501 | 3526 | 3551 | 3576 | 3601 | 3626 | 3651 | 3676 | 3701 | 3726 | 3751 | 3776 | 3801 | 3826 | 3851 | 3876 | 3901 | 3926 | 3951 | 3976 | 4001 | 4026 | 4051 | 4076 | 4101 | 4126 | 4151 | 4176 | 4201 | 4226 | 4251 | 4276 | 4301 | 4326 | 4351 | 4376 | 4401 | 4426 | 4451 | 4476 | 4501 | 4526 | 4551 | 4576 | 4601 | 4626 | 4651 | 4676 | 4701 | 4726 | 4751 | 4776 | 4801 | 4826 | 4851 | 4876 | 4901 | 4926 | 4951 | 4976 | 5001 | 5026 | 5051 | 5076 | 5101 | 5126 | 5151 | 5176 | 5201 | 5226 | 5251 | 5276 | 5301 | 5326 | 5351 | 5376 | 5401 | 5426 | 5451 | 5476 | 5501 | 5526 | 5551 | 5576 | 5601 | 5626 | 5651 | 5676 | 5701 | 5726 | 5751 | 5776 | 5801 | 5826 | 5851 | 5876 | 5901 | 5926 | 5951 | 5976 | 6001 | 6026 | 6051 | 6076 | 6101 | 6126 | 6151 | 6176 | 6201 | 6226 | 6251 | 6276 | 6301 | 6326 | 6351 | 6376 | 6401 | 6426 | 6451 | 6476 | 6501 | 6526 | 6551 | 6576 | 6601 | 6626 | 6651 | 6676 | 6701 | 6726 | 6751 | 6776 | 6801 | 6826 | 6851 | 6876 | 6901 | 6926 | 6951 | 6976 | 7001 | 7026 | 7051 | 7076 | 7101 | 7126 | 7151 | 7176 | 7201 | 7226 | 7251 | 7276 | 7301 | 7326 | 7351 | 7376 | 7401 | 7426 | 7451 | 7476 | 7501 | 7526 | 7551 | 7576 | 7601 | 7626 | 7651 | 7676 | 7701 | 7726 | 7751 | 7776 | 7801 | 7826 | 7851 | 7876 | 7901 | 7926 | 7951 | 7976 | 8001 | 8026 | 8051 | 8076 | 8101 | 8126 | 8151 | 8176 | 8201 | 8226 | 8251 | 8276 | 8301 | 8326 | 8351 | 8376 | 8401 | 8426 | 8451 | 8476 | 8501 | 8526 | 8551 | 8576 | 8601 | 8626 | 8651 | 8676 | 8701 | 8726 | 8751 | 8776 | 8801 | 8826 | 8851 | 8876 | 8901 | 8926 | 8951 | 8976 | 9001 | 9026 | 9051 | 9076 | 9101 | 9126 | 9151 | 9176 | 9201 | 9226 | 9251 | 9276 | 9301 | 9326 | 9351 | 9376 | 9401 | 9426 | 9451 | 9476 | 9501 | 9526 | 9551 | 9576 | 9601 | 9626 | 9651 | 9676 | 9701 | 9726 | 9751 | 9776 | 9801 | 9826 | 9851 | 9876 | 9901 | 9926 | 9951 | 9976 | 10001 | 10026 | 10051 | 10076 | 10101 | 10126 | 10151 | 10176 | 10201 | 10226 | 10251 | 10276 | 10301 | 10326 | 10351 | 10376 | 10401 | 10426 | 10451 | 10476 | 10501 | 10526 | 10551 | 10576 | 10601 | 10626 | 10651 | 10676 | 10701 | 10726 | 10751 | 10776 | 10801 | 10826 | 10851 | 10876 | 10901 | 10926 | 10951 | 10976 | 11001 | 11026 | 11051 | 11076 | 11101 | 11126 | 11151 | 11176 | 11201 | 11226 | 11251 | 11276 | 11301 | 11326 | 113 |
|--|----|------|-------|-----|
|--|----|------|-------|-----|

WOOD BEAM SCHEDULE		
MARK	SIZE	REMARKS
B1	2x12	PT
B2	2x12	PT
B3	2x12	PT
B4	2x10	PT
B5	2x10	PT
B6	2x10	PT
B7	2x10	PT
B8	2x10	PT
B9	2x10	PT
B10	2x10	PT
B11	2x10	PT
B12	2x10	PT
B13	2x10	PT
B14	2x10	PT
B15	2x10	PT
B16	2x10	PT
B17	2x10	PT
B18	2x10	PT
B19	2x10	PT
B20	2x10	PT
B21	2x10	PT
B22	2x10	PT
B23	2x10	PT
B24	2x10	PT
B25	2x10	PT
B26	2x10	PT
B27	2x10	PT
B28	2x10	PT
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- WOOD BEAM-HEADLINE NOTES:
1. SEE PLAN FOR COLUMN SUPPORT POST SIZE.
 2. BEAMS SHALL BE FULLY ON SUPPORT POSTS WITH POST CAP OR BLOCK ENDS TO RESTRAIN BEAM FROM ROTATION.
 3. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM LUMBER GRADES FOR BEAM FRAMING, UN O.
 4. SEE GENERAL STRUCTURAL NOTES FOR MINIMUM STRUCTURAL COMPOSITE LUMBER DESIGN VALUES.



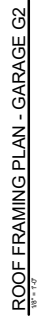
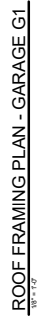
#	DATE	CHANGE DESCRIPTION
1	06/30/2025	AJDE NOLIM #01
2	06/25/2025	AJDE NOLIM #02

**CMHA REFUGEE ROAD
HOUSING DEVELOPMENT**
3305 REFUGEE ROAD, COLUMBUS, OH 43232
FOR
COLUMBUS METROPOLITAN
HOUSING AUTHORITY
EMPLOYEES' COMMITTEE OF COLLABORATION

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215-1111
PHONE: 614-461-4664

DRAWING TITLE:
ROOF FRAMING PLAN - BUILDING D

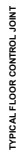
PROGRESS DRAWING NOT FOR CONSTRUCTION	05-01-2025
	23446
	S108-D
	CD PROGRESS SET



1. **CONSIDER THE APPROPRIATE INFORMATION SOURCE.** CONSIDER THE SOURCE OF THE INFORMATION. REFERENCE THE SOURCE FIRST, THEN THE DATA. BE ALERT FOR INFORMATION THAT MAY BE IN THE SOURCE BUT NOT IN THE DATA. BE ALERT FOR INFORMATION THAT MAY BE IN THE DATA BUT NOT IN THE SOURCE. BE ALERT FOR INFORMATION THAT MAY BE IN THE SOURCE AND DATA BUT NOT IN THE SOURCE OR DATA.
2. **CONSIDER THE APPROPRIATE INFORMATION SOURCE.** CONSIDER THE SOURCE OF THE INFORMATION. REFERENCE THE SOURCE FIRST, THEN THE DATA. BE ALERT FOR INFORMATION THAT MAY BE IN THE SOURCE BUT NOT IN THE DATA. BE ALERT FOR INFORMATION THAT MAY BE IN THE DATA BUT NOT IN THE SOURCE. BE ALERT FOR INFORMATION THAT MAY BE IN THE SOURCE AND DATA BUT NOT IN THE SOURCE OR DATA.
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TYPICAL FLOOR CONTROL JOINT



SECTION 1



SECTION



CONCLUSION



TYPICAL FOOTING STEP



SECTION

C



SECTION



TYPICAL EXCAVATION CLEARANCE REQUIREMENTS



SECTION



4



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#	DATE	CHANGE DESCRIPTION
2	06/29/2025	ADDITIONAL #02

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY

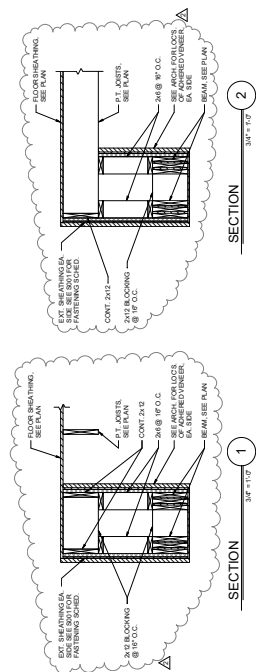
CMHA REFUGEE ROAD
HOUSING DEVELOPMENT
3056 REFUGEE ROAD, COLUMBUS, OH 43222
FOR

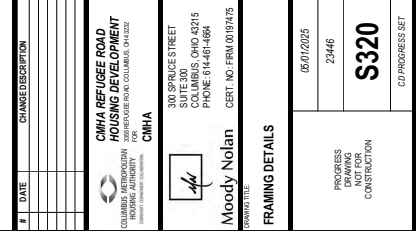


300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

DRAWING TITLE: FOUNDATION DETAILS

PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	S300
	CD PROGRESS SET

[illegible]



GENERAL NOTES - ROOF PLAN

- | SYMBOL | CODED NOTE LEGEND - ROOF PLAN |
|--------|--|
| 11A | 11A. 2" OF MINERAL WOOL INSULATED DOWNDRAUGHT WITH 1" OF PEET FOOT TO DOWNPOUT OR EXT. F.W. DOWN DRAIN/HATCH |
| 20F | 20F. ROOF DRAIN - SEE DRAINING DINGS, ROOF DRAIN TO COLUMN. THE PRIMARY TYPED SYSTEM IS A SECONDARY DRAIN TO COLUMN. WALL IF ABOVE GRADE |
| 30A | 30A. ASPHALT SHINGLE ROOF OVER ROOF UNDERLAMENT PROVIDE ICE & WATERSHIELD FOR ROOF 2" UP FROM EXTERIOR WALL - ROOF OVERSHOOT & 1" WIDE AT ROOF VALLEYS |
| 40A | 40A. PREFINISHED ALUMINUM GUTTER DOWNPOUTS TO BOOT & CONNECT TO STORM DRAINAGE SYSTEM. SEE 1" SLOPE DRAININGS |
| 41C | 41C. ROOF BOOTS & DOWNPOUT VENT HOODS AS REQUIRED FOR ATIC VENTILATION. PROVIDE EXTERIOR DRAINING FOR RENTERS ADJACENT TO DOWNPOUTS |

 CODED NOTE LEGEND - ROOF PLAN



(2)



3 PLAN

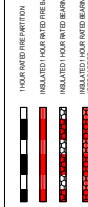
WTC (W80, 6000 IN)	3271.97
AREA, FREE AREA OF VENTILATION	3271.97 (160'-36.14 SF) (0.915,000 IN)
REQUIRED MAINT (MAINT YEAR)	5.000 (2 = 25.00 IN)
REQUIRED TIME (PERF)	5.000 (2 = 25.00 IN)
1/2" VENT PROVIDED	124.658 (1/4" = 600.9 IN)
AREA OF SOFT MATERIAL	3290.000 (160.9 PER FT = 107 FT) (117 SF AVAILABLE)
SOFT VENTILATION	3290.000 (160.9 PER FT X 1.37) (107 FT) (DEPTH = 424.9")
REQUIRED PER SOFT	2500 (424'-45.3 IN)



1 PLAN

GENERAL NOTES - FLOOR PLAN

RATED WALL LEGEND



#	DATE	CHANGE DESCRIPTION
1	06/11/26	ADDITIONAL 01
2	06/25/26	ADDITIONAL 02

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMUNITY DEVELOPMENT - COLUMBUS, OH 43222

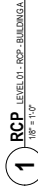
**THE FALLS ON REFUGEE
ROAD**
3055 REFUGEE ROAD, COLUMBUS, OH 43222
FOR CMHA



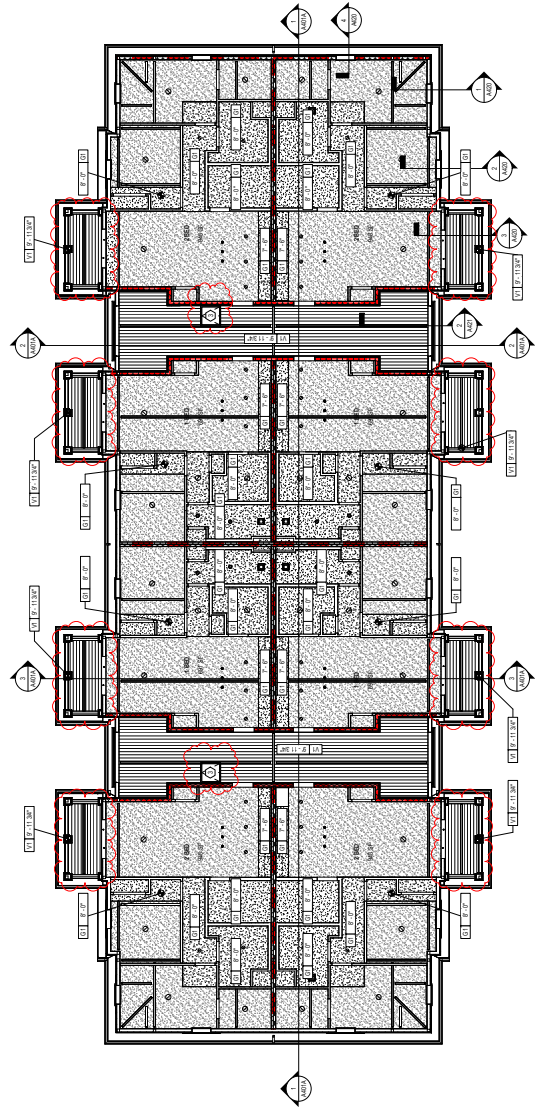
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215-1111
PHONE: 614-461-4664

CLUBHOUSE - FLOOR & ROOF PLANS

PROGRESS DRAWING NOT FOR CONSTRUCTION	05-012025
	23446
	A106D
	CD PROGRESS SET



PROGRESS DRAWING NOT FOR CONSTRUCTION	06/01/2025
	23446
	A201A
	CD PROGRESS SET



RCP GENERAL NOTES

- [illegible]

CODED NOTE LEGEND

1. ALIGN FEATURES
2. OPEN TO ABOVE
3. ACCESS PANEL
4. TRIO
5. TRIO

RCP LEGEND

- [illegible]

DATE	CHANGE DESCRIPTION
10/1/2024	CEILING TAG WITH HEIGHT

NOTE: COORDINATE ARCHITECTURAL REFLECTED CEILING PLANS WITH THE MECHANICAL AND ELECTRICAL DRAWINGS FOR NUMBER OF, AND LOCATIONS OF, AND TYPES OF TEXTURES AND GRILLES. NOT ALL ITEMS SHOWN ON LEGEND MAY BE PRESENT IN PROJECT.

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMUNITY DEVELOPMENT COLUMBUS, OH

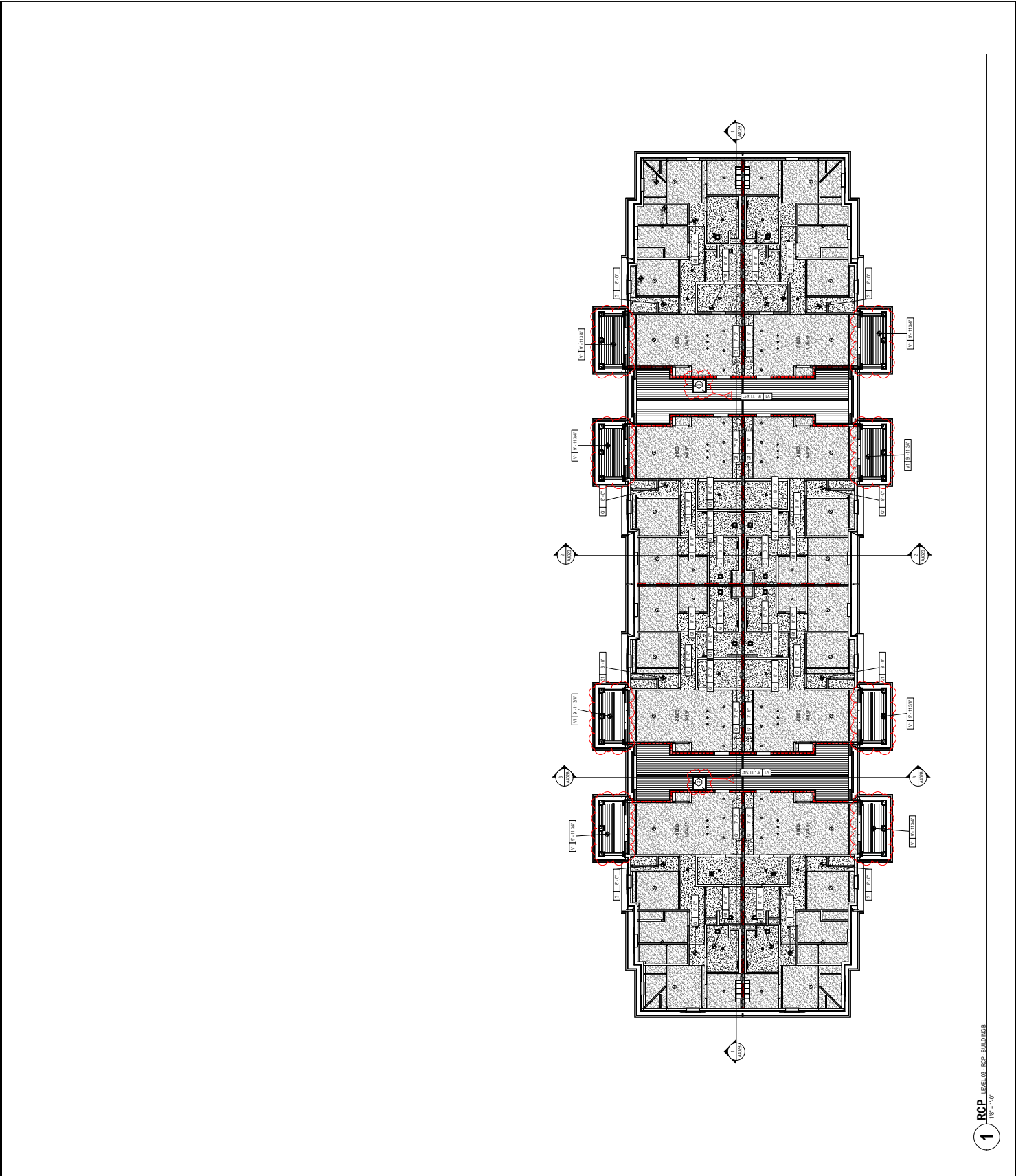
**THE FALLS ON REFUGEE
ROAD**
3355 REFUGEE ROAD, COLUMBUS, OH 43232
FOR
CMHA



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

BIIII DING A - LEVEL 02 PCB

PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	A202A
	CD PROGRESS SET



[illegible]

	01 GYPSUM BOARD CEILING
	A1 ACOUSTICAL CEILING
	A3 ACOUSTICAL CEILING
	E1 EXPOSED TO FLOOR ASSEMBLY SYSTEM
	VINYL SCUFF

[illegible]

CEILING TAG WITH HEIGHT

XXX XX' XX"

NOTE: COORDINATE ARCHITECTURAL REFLECTED CEILING PLANS WITH THE MECHANICAL AND ELECTRICAL DRAWINGS FOR NUMBER OF AND LOCATIONS OF, AND TYPES OF FIXTURES AND GRILLES. NOT ALL ITEMS SHOWN ON LEGEND MAY BE PRESENT IN EVERY FLOOR.

#	DATE	CHANGE DESCRIPTION
1	06/11/25	ADDENDUM 01
2	06/25/25	ADDENDUM 02

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMUNITY DEVELOPMENT COLLABORATION

**THE FALLS ON REFUGEE
ROAD**
3365 REFUGEE ROAD, COLUMBUS, OH 43232
FOR **CMHA**



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

Moody Nolan CERT. NO: FIRM 00197475
DRAWING TITLE:

CLUBHOUSE - LEVEL 01 & 02 RCP

05/01/2025	
23446	

PROGRESS DRAWING NOT FOR CONSTRUCTION	A206D	C.D. PROGRESS SET
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1. SEE MEP DRAWINGS FOR LOCATIONS OF BLUO VENTS AND WALL HOOKS ON THE ELEVATIONS. COORDINATE FINAL PLACEMENT WITH ARCHT.

EXTERIOR CODED NOTES

EXTERIOR LEGEND

IG-1 EXTERIOR GLAZING
(CLEAR)

IG-1A EXTERIOR GLAZING
(CLEAR TEMPERED)

VINYL BOARD AND BATTEN SIDING

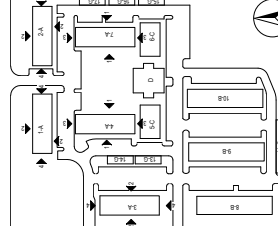
VINYL BOARD AND BATTEN SIDING

VINYL SIDING

KEYNOTE LEGEND

RENTAL VALUE	RENTAL TEST
10.00	UNMANUFACTURED STONE MASONRY
11.00	ALUMINUM RAILINGS
12.00	PAINTED PLASTER
13.00	PAINTED PLASTER
14.00	PAINTED PLASTER
15.00	PAINTED PLASTER
16.00	PAINTED PLASTER
17.00	PAINTED PLASTER
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41.00	PAINTED PLASTER
42.00	PAINTED PLASTER
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#	DATE	CHANGE DESCRIPTION
1	06/11/25	ADDCOLUMP 01
2	06/25/25	ADDCOLUMP 02

 **COLUMBUS METROPOLITAN
HOUSING AUTHORITY**
CONTRACT COMPLETE COLUMBUS, OH 43222

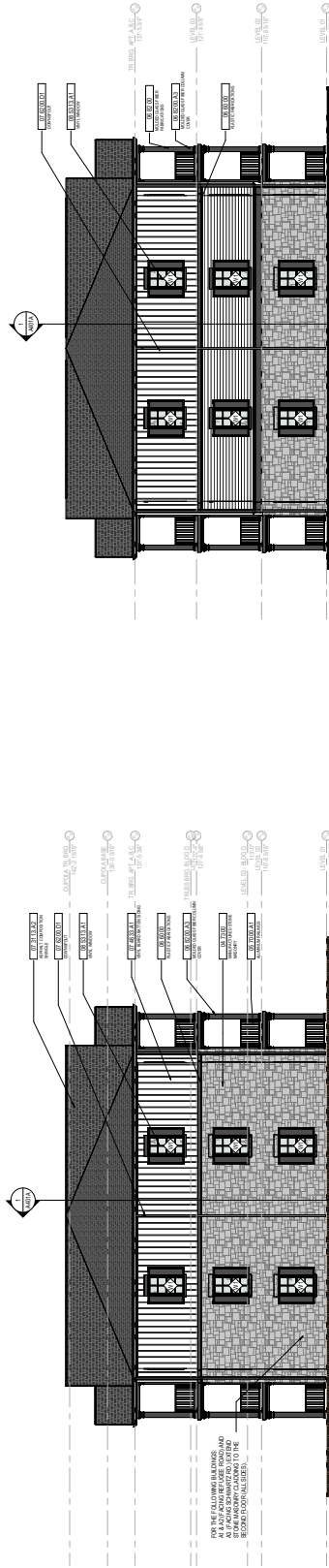
**THE FALLS ON REFUGEE
ROAD**
3305 REFUGEE ROAD, COLUMBUS, OH 43222

CMU


300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

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05/01/2025	PROGRESS DRAWING NOT FOR CONSTRUCTION
23446	
A310A	
C.D. PROGRESS SET	



4 ELEVATION
1/8" = 1'-0"
BUILDING A - SIDE (STREET FACING)
REF: 1/AD100

NOTE: FOR EACH BLDG THE MASONRY HEIGHT IS TO BE CONSISTENT AROUND THE ENTIRE BLDG AND IS DETERMINED BY IF THE BLDG. IS PUBLIC STREET FACING AS INDICATED ON THE SITE KEY PLAN

3 ELEVATION BUILDING A - SIDE (NON STREET FACING)
1/8" = 1'-0"
REF: 1/A10.1A



2 ELEVATION BUILDING A FRONTBACK (STREET FACING)
1/8" = 1'-0" REF: 1/AD100



1 ELEVATION BUILDING A - FRONTBACK (NON STREET FACING)
1/8" = 1'-0" REF: 11/100-A

1. SEE MEP DRAWINGS FOR LOCATIONS OF BILD VENTS AND WALL HICRANTS ON THE ELEVATIONS. COORDINATE FINAL PLACEMENT WITH ARCHT.

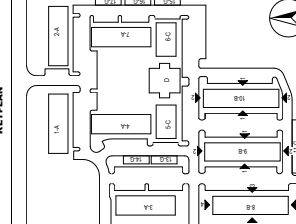
EXTERIOR CODED NOTES

EXTERIOR LEGEND	
	IG-1 EXTERIOR GLAZING (CL E&R)
	IG-1A EXTERIOR GLAZING (CL BAR TEMPERED)
	VINYL BOARD AND BATTEN SIDING
	VINYL BOARD AND BATTEN SIDING
	VINYL SIDING

KEYNOTE LEGEND

KEY VALUE	KEY/NOTE TEXT
MANUFACTURED STONE MASONRY	
ALUMINUM RAILINGS	
PLASTIC FABRICATIONS	
PAINTED GLASS FIBER COLUMNS/COVER	
REINALT COMPOSITION SINGLE	
HYDR. BOARD UNITS IN BOWLS	
HYDR. BOARD	
DOWNSPOUT	
HYDR. WINDOW	

KEYPI AN



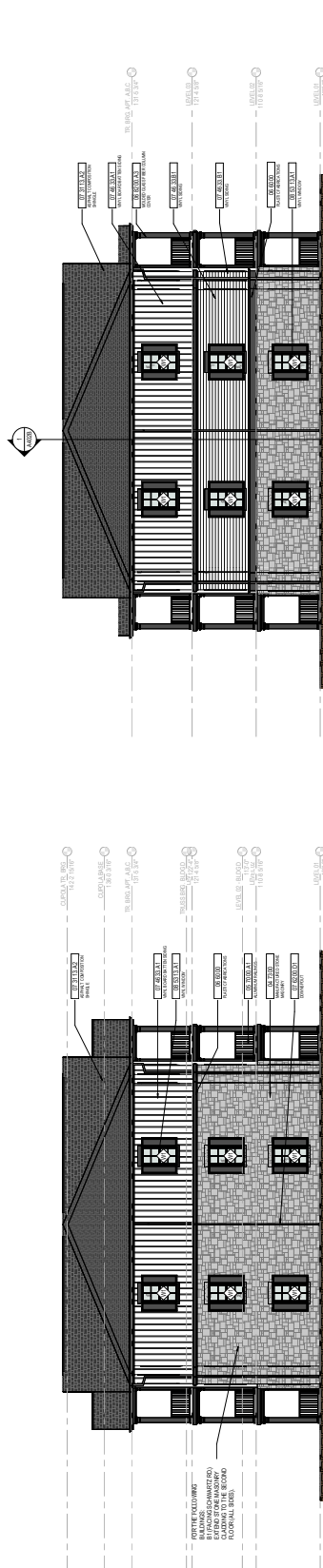
#	DATE	CHANGED DESCRIPTION
1	06/11/25	ADDNOLAMP 01
2	06/25/25	ADDNOLAMP 02

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMUNITY DEVELOPMENT DIVISION
3355 REFUGEE ROAD COLUMBUS, OH 43222
FOR CMHA

 300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664
CERT. NO.: FRM 00197475

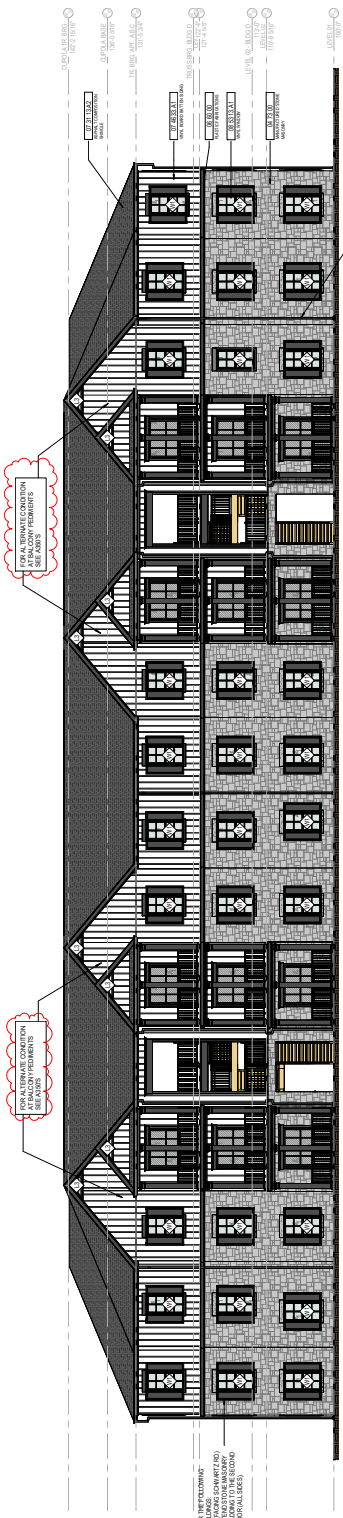
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PROGRESS DRAWING NOT FOR CONSTRUCTION 05/01/2025 23446 A310B CD PROGRESS SET	



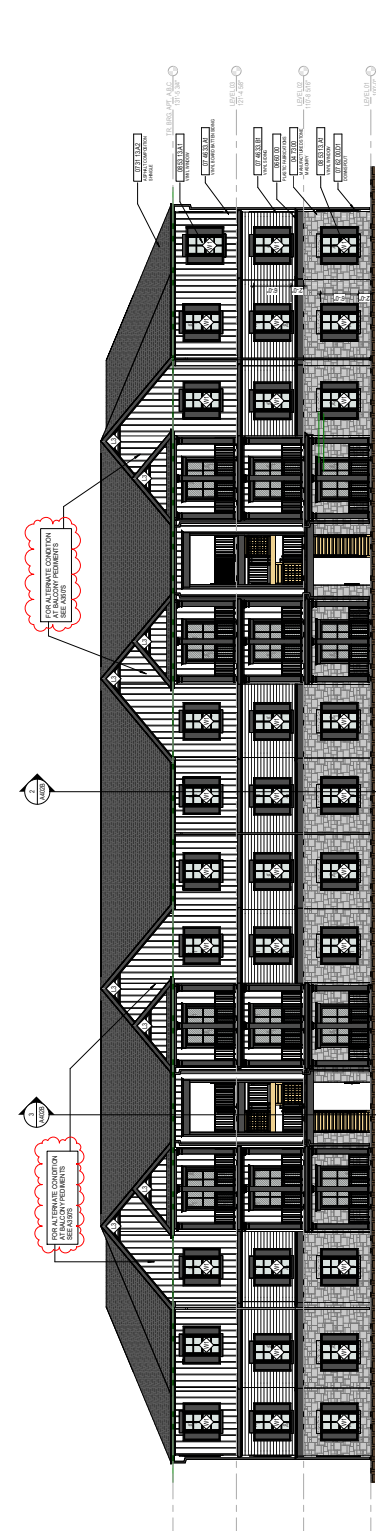
4 **ELEVATION** BUILDING B - SIDE (STREET FACING) REF: 11/AD100 1/8" = 1'-0"

NOTE: FOR EACH BLDG THE MASONRY HEIGHT IS TO BE CONSISTENT AROUND THE ENTIRE BLDG AND IS DETERMINED BY WHETHER THE BLDG. IS PUBLIC STREET FACING AS INDICATED ON THE SITE MAP. AN



3 ELEVATION BUILDING B FRONT/BACK (STREET FACING)
1:500 = 1/4" = 1'-0"

FOR THE FOLLOWING--
BUILDINGS:
B1 (FACING SCHWARTZ RD)
EXTEND STONE MASONRY
CLADDING TO THE SECOND
FLOOR (ALL SIDES)



1 ELEVATION BUILDING B - FRONT (REAR NON STREET FACING)
DATE: 11.26.2017
PROJECT: 18-0000

ACTION

GENERAL NOTES - EXTERIOR ELEVATIONS

EXTERIOR CODED NOTES

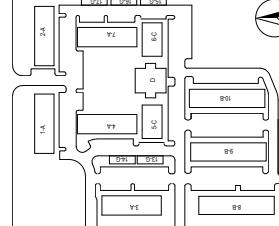
EXTERIOR LEGEND

- | | | |
|-------|--------------------------------------|--|
| IG-1 | EXTERIOR GLAZING
(CLEAR) | |
| IG-1A | EXTERIOR GLAZING
(CLEAR TEMPERED) | |
| | VINYL BOARD AND BATTEN SIDING | |
| | VINYL BOARD AND BATTEN SIDING | |
| | VINYL SIDING | |

KEYNOTE | LEGEND

KEY VALUE	NEW MAT TEXT
73 00 00	MANUFACTURED STONE MASONRY
73 00 01	ALUMINUM RAILINGS
73 00 02	PLASTIC FABRICATIONS
73 00 03	RODDED GLASS FIBER COLLUM COVER
73 00 04	AIRWALL COMPOSITION SHINGLE
73 00 05	MIXED BOARD BATTEN SIDING
73 00 06	SHAKE SHINGLES
73 00 07	DOWNPOUT
73 00 08	WOOD SHINGLES

KEY PLAN



#	DATE	CHANGE DESCRIPTION
1	06/11/25	ADDERCOLUM 01
2	06/25/25	ADDERCOLUM 02

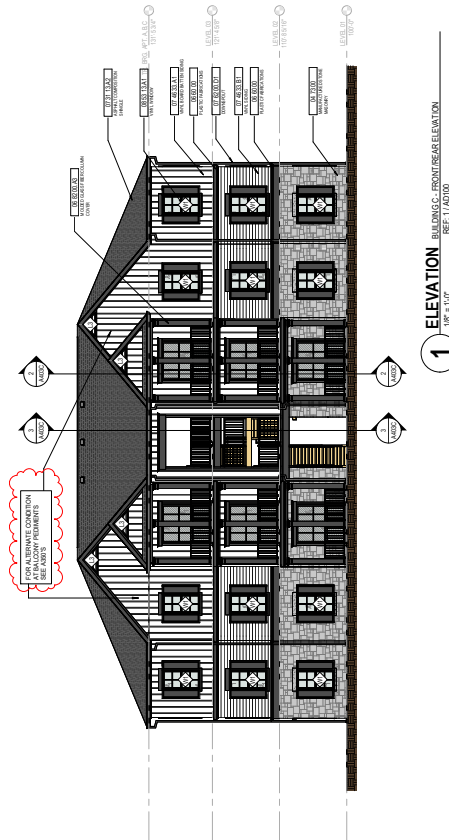
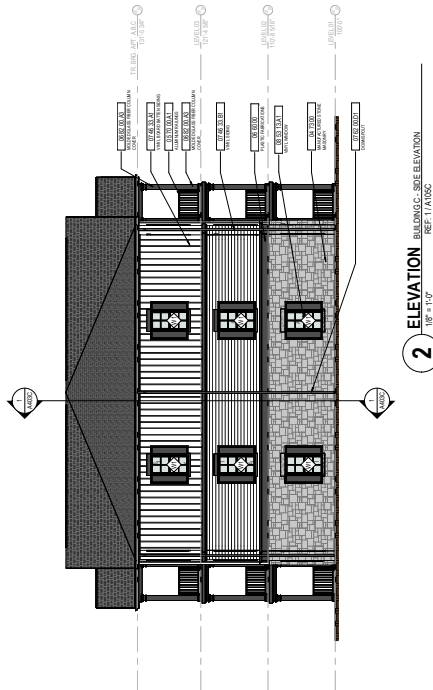
 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMITTEE OF THE COLUMBIAN

**THE FALLS ON REFUGEE
ROAD**
3366 REFUGEE RD. NO. COLUMBUS, OH 43232
FOR
CMHA


Moody Nolan
SUITE 300
330 SPRUCE STREET
COLUMBUS, OHIO 43215
PHONE: 614-461-4664
CERT. NO: FIRM 00197475

0

PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	A310C



1. SEE MEP DRAWINGS FOR LOCATIONS OF BLDG VENTS AND WALL HIGHS ON THE ELEVATIONS. COORDINATE FINAL PLACEMENT WITH ARCHT.

EXTERIOR CODED NOTES

EXTERIOR LEGEND

10.1 EXTERIOR CLADDING

1111

VINYL BOARD AND BATTENS/DING

VAN SUNDT

KEYNOTE LEGEND

KEY VALUE	KEY NOTE
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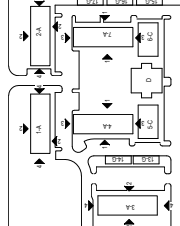
000	MANUFACTURED STONE MASONS
000	MANUFACTURED STONE MASONS
000	MANUFACTURED STONE MASONS

303A2	APPROXIMATE COMPOSITION OF THE STRIP
303A1	MIN. BOARD BATTEN SIDING

COBT	MINI SIDING
COBT	MINI-PIERCED MINI SIDING

ROOF GABLE LOUVERS

KEY PLAN



#	DATE	CHANGE DESCRIPTION
1	06/11/25	ADDERCOLUM 01
2	06/25/25	ADDERCOLUM 02

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMITTEE OF THE COLUMBIAN

**THE FALLS ON REFUGEE
ROAD**
3366 REFUGEE RD. NO. COLUMBUS, OH 43232
FOR
CMHA



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

DRAWING TITLE:
ALTERNATE BUILDING A ELEVATIONS

PROGRESS
DRAWING
NOT FOR
CONSTRUCTION

06/01/2025

23446

A350A

CD PROGRESS SET

3

ELEVATION
1/8" = 1'-0"
REF: 1 / AD 100
B.D.G. ALTERNATE SIDES - TRIM @ WINDOWS (NO SHUTTERS) & FIBER CEMENT PANEL W/ BATTENS (STREET FACING)

NOTE: FOR EACH BLDG THE MASONRY HEIGHT IS TO BE CONSISTENT AROUND THE ENTIRE BLDG AND IS DETERMINED BY IF THE BLDG. IS PUBLIC STREET FACING AS INDICATED ON THE SITE KEY PLAN

2

ELEVATION
1/8" = 1'-0"
BLOS ALTERNATE FRONT REAR - TRIM @ WINDOWS (NO SHUTTERS) & FIBER CEMENT PANEL W/ BATTENS (NON STREET FACING)
REF: 17AD100



①

ELEVATION BLDG ALTERNATE FRONT REAR - TRIM @ WINDOWS (NO SHUTTERS) & FIBER CEMENT PANEL W/ BATTENS/ STREET FACING
1/8" = 1'-0"
REF: 11/10/100



THIS ALTERNATE SHOWS BLDG TYPE 1 WITH THE TWO-STORY STONE CLADDING, WHICH OCCURS ONLY ON THE BUILDINGS ADJACENT TO THE TWO ROAD ADJACENT TO THE PROPERTY. HEIGHT OF STONE CLADDING DOES NOT CHANGE UNDER THIS ALTERNATE - ONLY THE LOCATIONS OF THE STONE).

THE ALTERNATE ON THE TYPES A, B, C - DELETE THE SHUTTERS & PROVIDE THE SAME WINDOW TREATMENT SURROUND AS SHOWN ON THIS SHEET. AT THE BALCONY FLOORS THE CLADDING IS TO BE CHANGED TO THE RIBBED CEMENT PANELS. WHAT TYPES FULL HEIGHT AS SHOWN ON THIS ELEVATION

GENERAL NOTES - EXTERIOR ELEVATIONS

EXTERIOR CODED NOTES

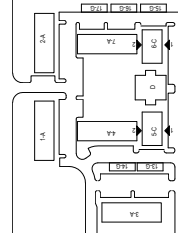
EXTERIOR LEGEND

- | | | | | |
|-------------------------------------|---|-------------------------------|-------------------------------|--------------|
| IG-1
EXTERIOR GLAZING
(CLEAR) | IG-1A
EXTERIOR GLAZING
(CLEAR TEMPERED) | VINYL BOARD AND BATTEN SIDING | VINYL BOARD AND BATTEN SIDING | VINYL SIDING |
| | | | | |

KEYNOTE LEGEND

- | KEY VALUE | MEMORANDUM TEXT |
|-----------|---|
| 1 | 1. The first part of the memorandum is the heading, which includes the date, to whom, from whom, and the subject. |
| 2 | 2. The second part is the statement of the problem or the question to be answered. |
| 3 | 3. The third part is the discussion of the facts and the analysis of the problem. |
| 4 | 4. The fourth part is the conclusion or the recommendation. |
| 5 | 5. The fifth part is the distribution list, which shows who has received the memorandum and who is responsible for its execution. |

KEYPLAN



#	DATE	CHANGE DESCRIPTION
1	08/11/25	AUDIENCE 01
2	06/25/25	AUDIENCE 02



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614.461.4624

Modbury Point
01421 600211 Fax 01421 601741

ALTERNATE BUILDING C ELEVATIONS

05/01/2025	
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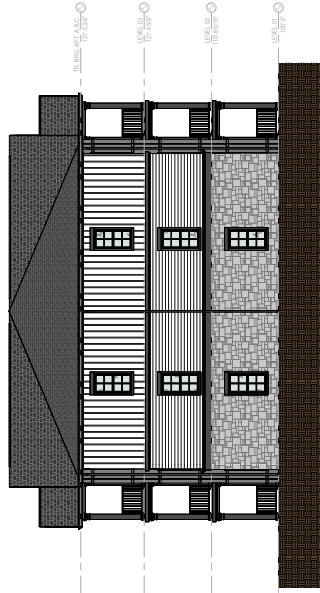
PROGRESS
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CONSTRUCTION

23446

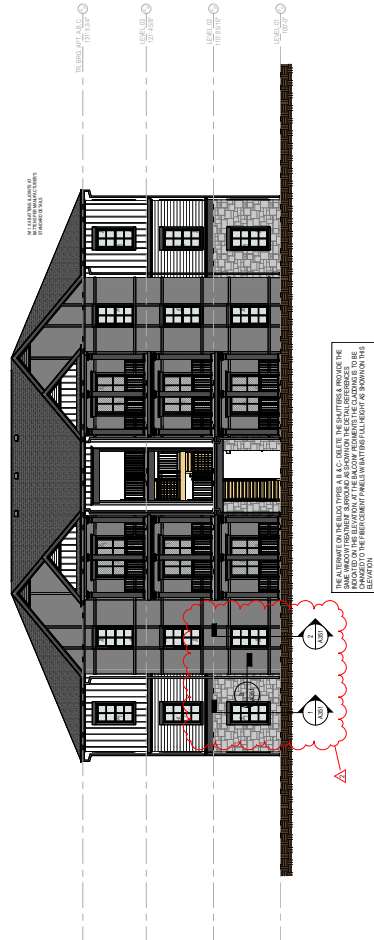
A350C

CD PROGRESS SET

ELEVATION BLDG ALTERNATE SIDES - TRIM @ WINDOWS (NO SHUTTERS) & FIBER CEMENT PANEL W/ BATTENS



ELEVATION



1. SEE MEP DRAWINGS FOR LOCATIONS OF BLUO VENTS AND WALL HOOKS ON THE ELEVATIONS. COORDINATE FINAL PLACEMENT WITH ARCHT.

EXTERIOR CODED NOTES

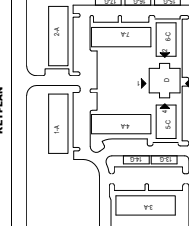
EXTERIOR | LEGEND

- | | | | | |
|---|---|---|---|---|
| IG-1 EXTERIOR GLAZING
(CLEAR) | IG-1A EXTERIOR GLAZING
(CLEAR TEMPERED) | VINYL BOARD AND BATTEN SIDING | VINYL BOARD AND BATTEN SIDING | VINYL SIDING |
|  |  |  |  |  |

KEYNOTE LEGEND

- | REF ID: A66666 | REF ID: A66666 |
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[illegible]


COLUMBUS METROPOLITAN HOUSING AUTHORITY
 3305 REFUGEE ROAD, COLUMBUS, OH 43222
 CMHA



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

ALTERNATE ALPHABETIC EVALUATIONS

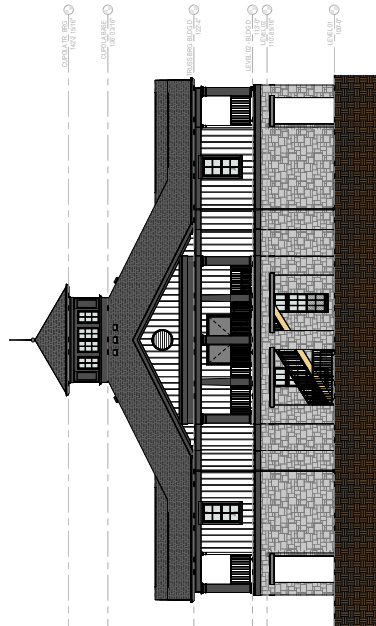
06 04 0007

PROGRESS
DRAWING
NOT FOR
CONSTRUCTION

2 **ELEVATION** CLUBHOUSE ALTERNATE - EAST
1/8" = 1'-0"
REF: 1 / AD100



4 **ELEVATION** CLUBHOUSE ALTERNATE - WEST
 1/8" = 1'-0" REF: 1 / AD 100



1 **ELEVATION** CLUBHOUSE ALTERNATE - NORTH
1/8" = 1'-0"
REF: 1 / AD100



3 **ELEVATION** CLUBHOUSE ALTERNATE - SOUTH
1/8" = 1'-0"
REF: 1/AD100



GENERAL NOTES - EXTERIOR ELEVATIONS

1. SEE ME P DRAWINGS FOR LOCATIONS OF BLDG VENTS AND WALL HICRANTS ON THE ELEVATIONS. COORDINATE FINAL PLACEMENT WITH ARCHITECT.

EXTERIOR CODED NOTES

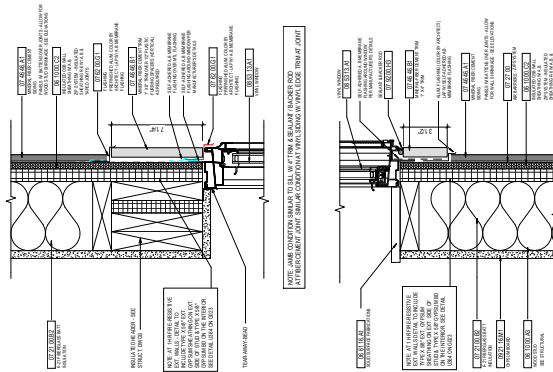
EXTERIOR | LEGEND

	IG-1 EXTERIOR GLAZING (CLEAR)
	IG-1A EXTERIOR GLAZING (CLEAR TEMPERED)
	VINYL BOARD AND BATTEN SIDING
	VINYL BOARD AND BATTEN SIDING
	VINYL SIDING

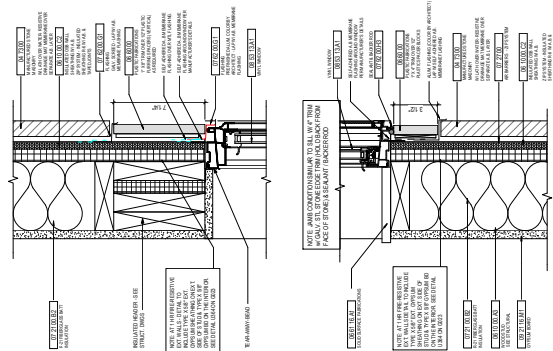
KEYNOTE LEGEND

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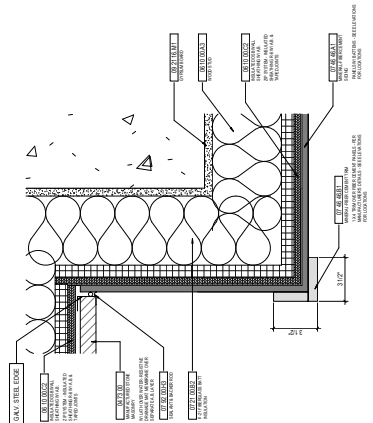
2 DETAIL
3" = 1'-0"



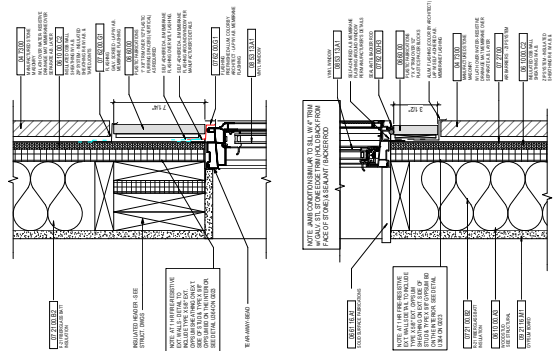
REF: 11/A350A



3 **DETAIL** PLAN DETAIL AT FIBER CE
3" = 1'-0"
REF: 1 / A350A



1 **DETAIL** ALT. WINDOW HEAD & SILL AT STONE (NO SHUTTERS)
3" = 1'-0"
REF: 1 / A350A



#	DATE	CHARGE DESCRIPTION
1	06/11/25	ACCOUNTING 01
2	06/25/25	ACCOUNTING 02

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMUNITY DEVELOPMENT - COLUMBUS, OH 43222

**THE FALLS ON REFUGEE
ROAD
FOR CMHA**



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

Moody Nolan CERT. NO: FIRM 00197475

DRAWING TITLE:

ALTERNATE BUILDING DETAILS

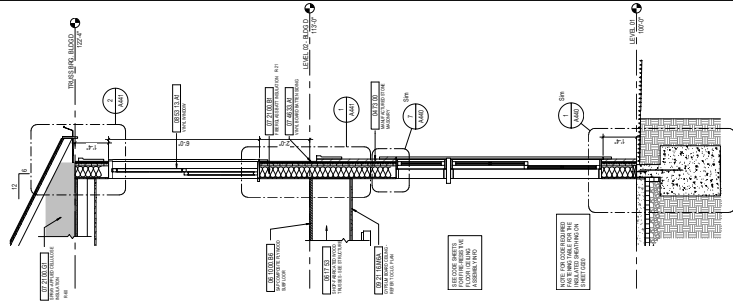
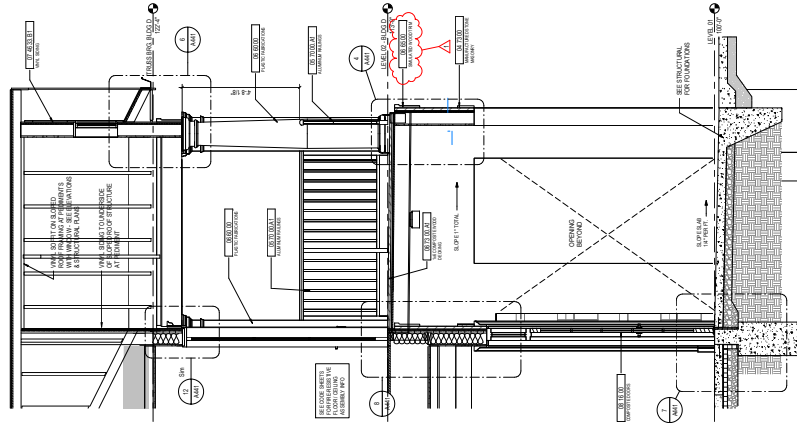
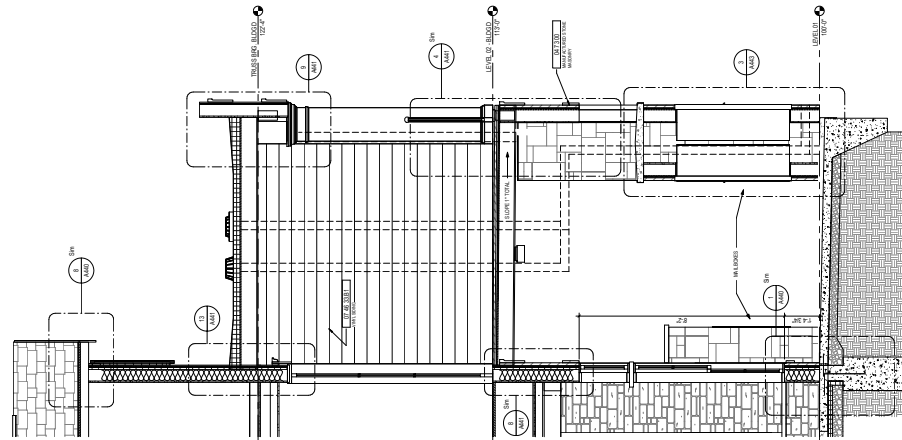
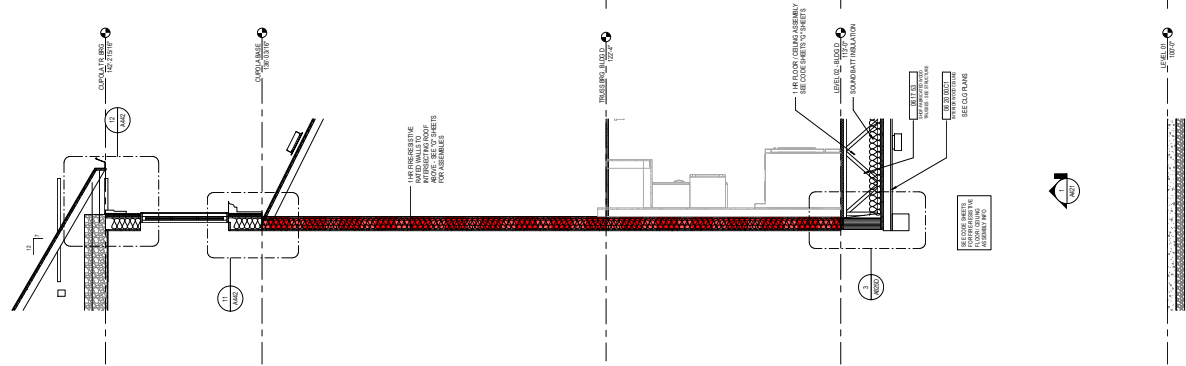
05/01/2025

23446

A351

CAD PROGRESS SET

PROGRESS
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NOT FOR
CONSTRUCTION



- GENERAL NOTES - WALL SECTIONS**
- A. REFER TO SHEET FOR ADDITIONAL INFORMATION OF PRELIMINARY FOR CONSTRUCTION.
 - B. ALL MATERIALS TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.
 - C. ALL MATERIALS TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.
 - D. ALL MATERIALS TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.
 - E. ALL MATERIALS TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.
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 - W. ALL MATERIALS TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.
 - X. ALL MATERIALS TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.
 - Y. ALL MATERIALS TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.
 - Z. ALL MATERIALS TO BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.

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THE FALLS ON REFUGEE ROAD

100 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864

Moody Nolan
CERT. NO. FPM 00197475

WALL SECTIONS - CLUBHOUSE

05/01/2025

23446

A422

CD PROGRESS SET

PROGRESS NOT FOR CONSTRUCTION

GENERAL NOTES - WALL SECTIONS

- [illegible]

KEYNOTE LEGEND	KEYNOTE TEXT
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#	DATE	CHANGE DESCRIPTION
1	06/25/26	ADDITIONAL P 02

THE FALLS ON REFUGEE ROAD
3555 REFUGEE RD. NO. COLUMBUS, OH 43202
FOR CMU A


300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4564

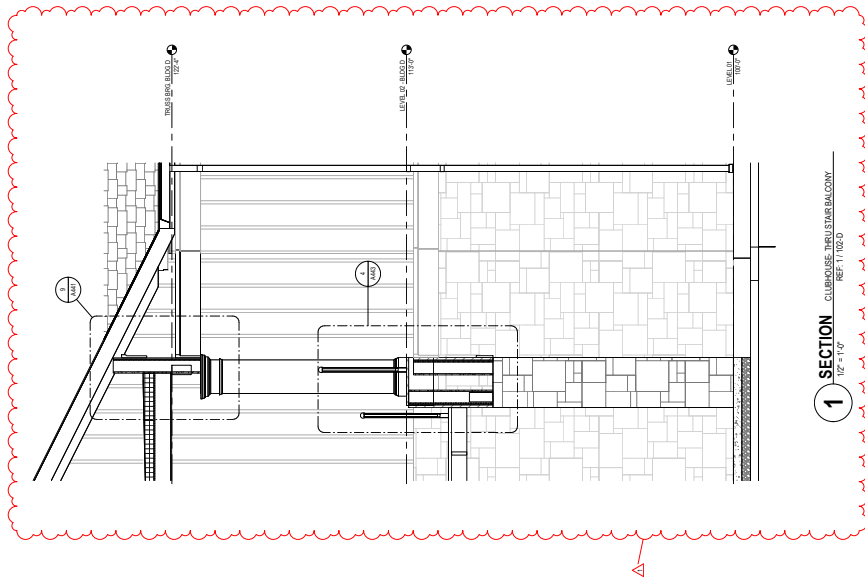
Moody Nolan

WALL SECTIONS - CLUBHOUSE

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05/01/2025
23446
A423
C:\PROG\SS 87

PROGRESS
DRAWING
NOT FOR
CONSTRUCTION



KEYNOTE LEGEND

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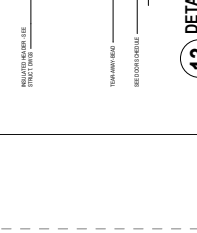
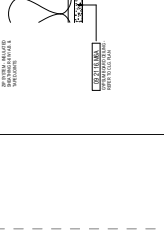
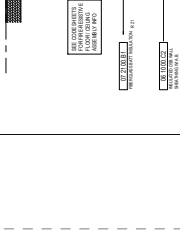
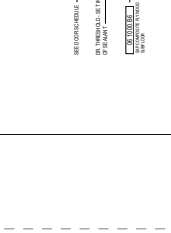
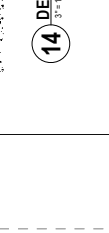
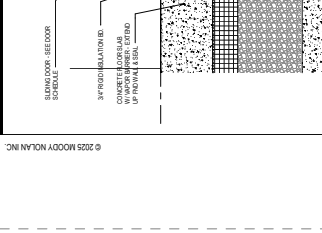
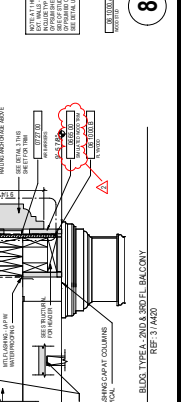
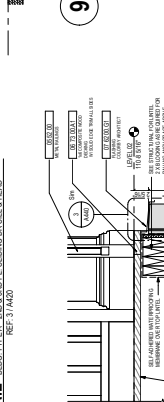
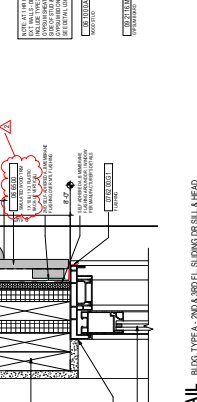
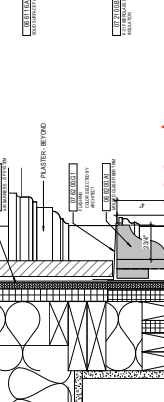
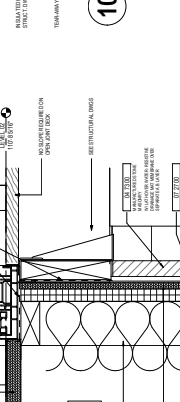
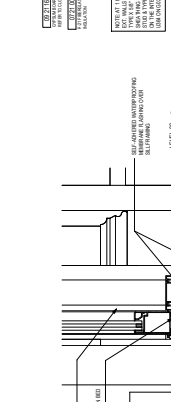
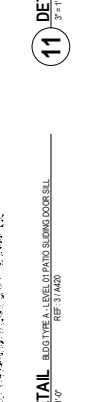
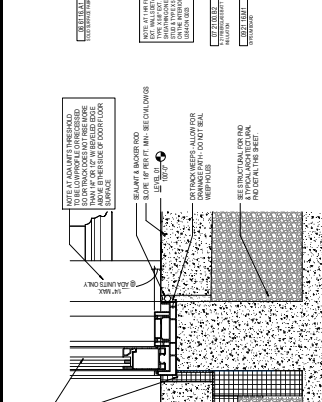
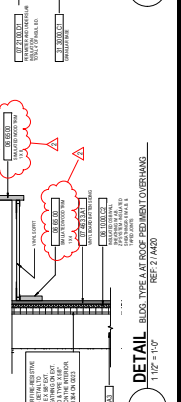
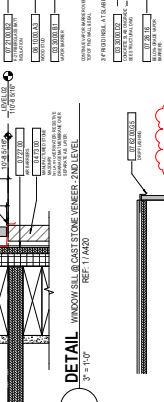
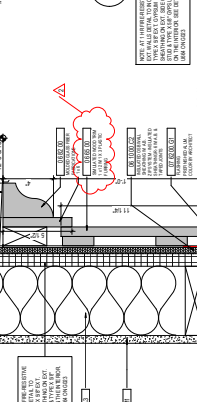
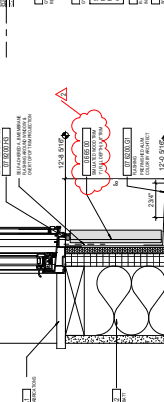
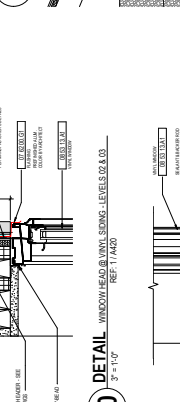
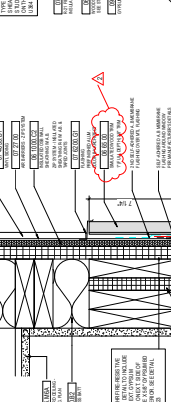
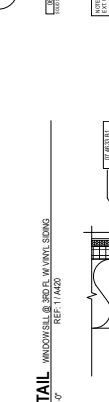
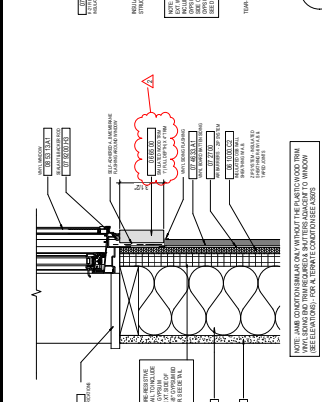
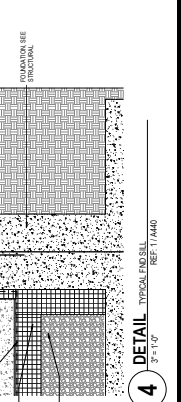
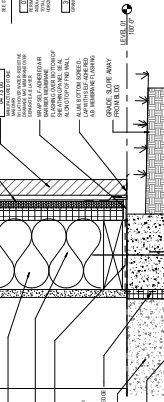
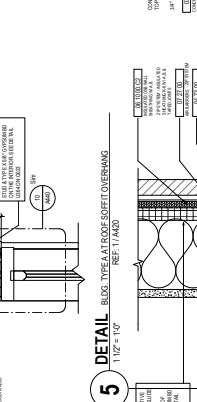
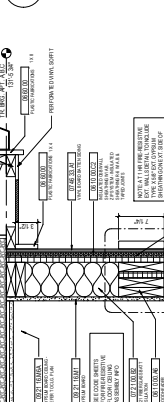
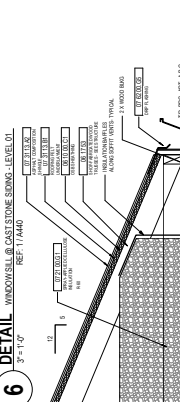
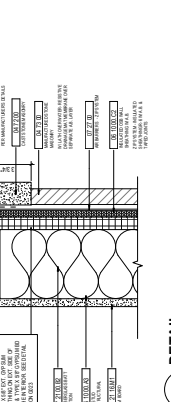
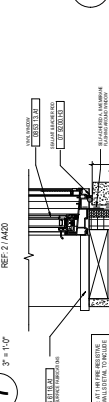
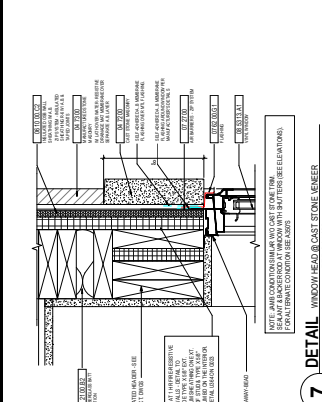
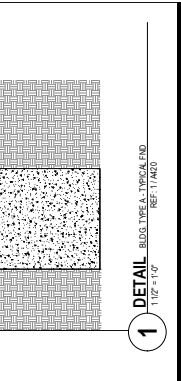
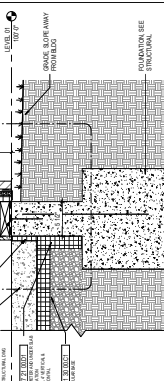
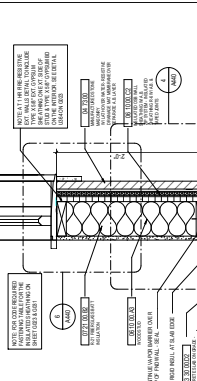
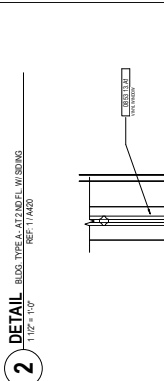
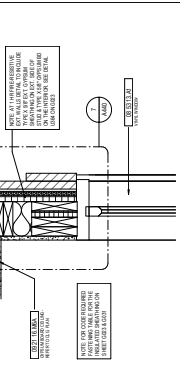
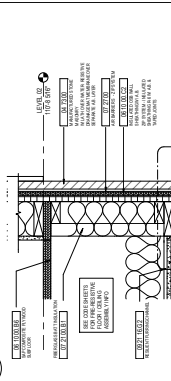
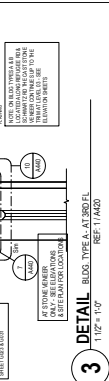
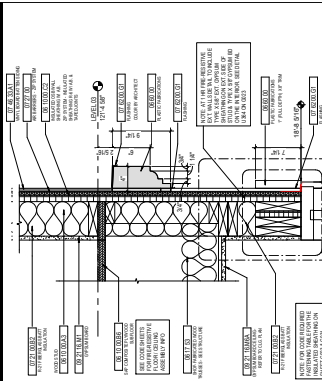
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THE FALLS ON REFUGEE ROAD
 CHINA
 CHINA ARCHITECTURAL GROUP, INC.

300 SPRING STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE 614-461-4664
Moody Nolan
 CERT. NO. FRM 0107475

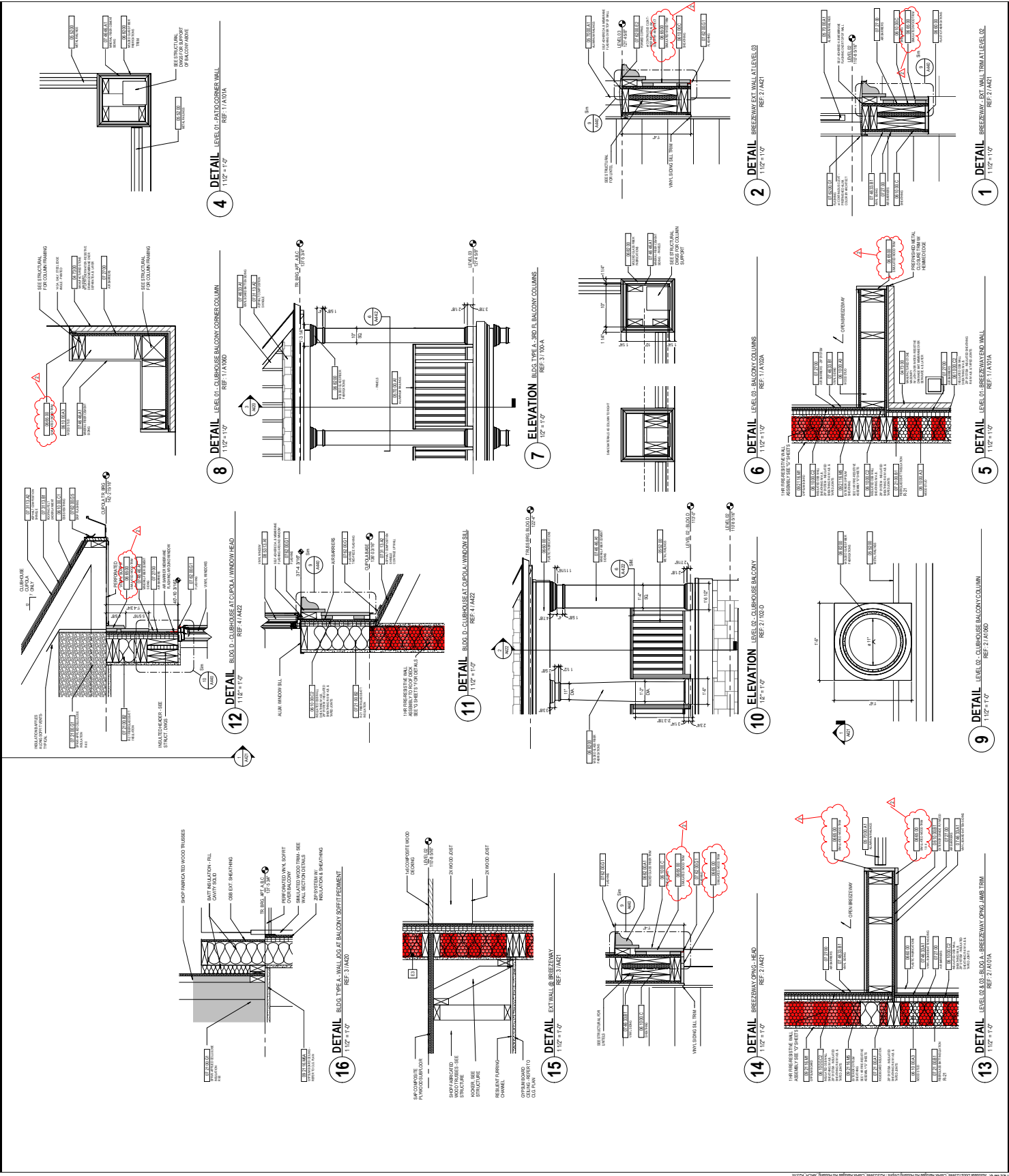
EXTERIOR DETAILS - SECTION

PROGRESS NOT FOR CONSTRUCTION	06/01/2025 23446 A440 CD PROGRESS SET
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Downloaded from <http://ajph.org/> on November 10, 2015

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97	05/10/2025	ISSUED FOR BIDDING
98	05/10/2025	ISSUED FOR BIDDING
99	05/10/2025	ISSUED FOR BIDDING
100	05/10/2025	ISSUED FOR BIDDING



[illegible]

第	1	2			
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100

EX

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

GENERAL NOTES - EXTERIOR DETAILS

[illegible]

#	DATE	CHANGE DESCRIPTION
1	06/25/25	ADDITIONAL INQ

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMITMENT TO EXCELLENCE

**THE FALLS ON REFUGEE
ROAD
3356 REFUGEE RD. NO. COLUMBUS, OH 43222
FOR
CMHA**


Moody Nolan
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664
CERT. NO: FIRM 001974

EXTERIOR DETAILS

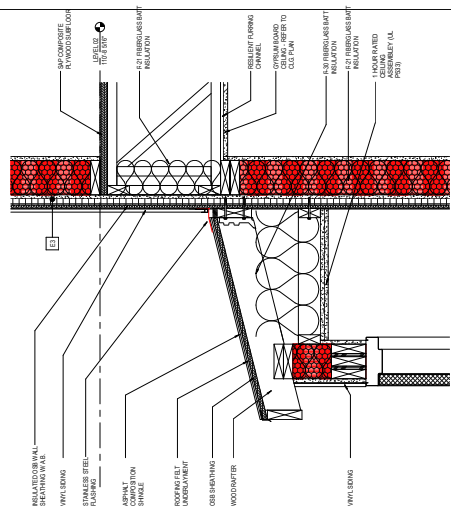
PROGRESS
DRAWING
NOT FOR
CONSTRUCTION

05/01/2025

23446

A444

CD PROGRESS SET



1 **DETAIL** ROOF @ SPRINKLER RM
1 1/2" = 1'-0"
REF: 5 / A12.1

GENERAL NOTES:
 A. REFER TO "FINISH LEGEND-TYPICAL UNIT" FOR MATERIAL AND COLOR INFORMATION.
 B. INTERIOR TRIM AND DOORS TO BE PAINTED PT-2.
 C. CEILINGS TO BE PAINTED PT-6 ENTIRE UNIT. TYPICAL AT ALL UNITS.
 D. CONTINUE FLOOR FINISH INTO KNEE SPACE OF REMOVABLE CABINETS, PAINT BACK WALLS.
 E. AT ALL EXTERIOR WINDOWS, INSTALL NEW BLINDS. TYPICAL AT ALL UNITS.
 F. VB-X TO BE INSTALLED AT FRONT OF ALL SHOWERS.

1. UNIT KITCHEN COUNTER TOP TO BE GRANITE. SEE FINISH LEGEND FOR COLOR.
2. ACCESSIBLE KITCHEN TO HAVE A TOP SET 6" HIGH x 34" THICK SQUARE EDGE BACKSPLASH. RECEPTACLES TO BE MOUNTED HORIZONTALLY IN THE BACKSPLASH (WHERE NOTED ON PLANS).

- PROVIDE DOOR STOPS (BASE OR RIDGE) PER HARDWARE SET SPECIFICATIONS.
- ALL DOOR WIDTHS IN OCCUPIED ROOMS OF BUILDING TO BE 32" MIN CLEAR.
- ALL DOORS PROVIDING ACCESS TO RESIDENTIAL SPACES TO BE PAINTED.

INVESTMENT, A POSITION (BOB EDWARDS STOCKS)

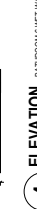
[illegible]

Figure 1 shows four types of window frames, labeled TYPE 1, TYPE 2, TYPE 3, and TYPE 4. Each type is shown in a side elevation view. Dimensions are indicated by arrows and labels. 'SEE SCHEDULE' is written twice for each type, with arrows pointing to the top and bottom dimensions. Type 1 and 2 are simple rectangular frames. Type 3 has a small square inset on the left side. Type 4 has a small square inset on the left side with a cross-hatch pattern.

[illegible]

REVISION	DATE	DOOR TYPE	WIDTH	HEIGHT	USE	MATERIAL	FINISH	PAINT	FINISH	HOW SET	JOIST	WALL	REMARKS
A1		UNIT ENTRY	3'-0"	7'-2"	AD	AD	HM	1	1	10	9	8, 8	
B1		CLOSET	3'-0"	7'-2"	AD	AD	HM	1	1	10	9	8, 8	
C1		CLOSET	3'-0"	7'-2"	HWC	AD	WD	1	1	14	4	5	
D1		CLOSET	3'-0"	7'-2"	HWC	AD	WD	1	1	14	4	5	
E1		CLOSET	3'-0"	7'-2"	HWC	AD	WD	1	1	14	4	5	
F1		CLOSET	3'-0"	7'-2"	HWC	AD	WD	1	1	14	4	5	
G1		CLOSET	3'-0"	7'-2"	HWC	AD	WD	1	1	14	4	5	
H1		BALCONY	8'-0"	8'-0"	FD	FD	FD	1	1	-	-	-	
I1		BALCONY	8'-0"	8'-0"	FD	FD	FD	1	1	-	-	-	
J1		BALCONY	8'-0"	7'-2"	FD	FD	FD	1	1	-	-	-	

1. PROVIDE DOORS FOR ALL ROOMS (SEE DIMENSIONS AND NOTATIONS).

2. ALL DOORS OPENING OUTSIDE TO BE OPENED BY TURNING HANDLE.

3. ALL DOORS OPENING INWARDS TO BE OPENED BY TURNING HANDLE.

4. ALL DOORS TO BE OPENED BY TURNING HANDLE TO BE PAINTED.

5. SINKS, TUBS, TOILETS, AND OTHERS TO BE SET IN CONCRETE UNDERLAYER.

6. TYPICAL SHOWER, TUB/SHOWER TO BE SET IN CONCRETE UNDERLAYER.

1. PROVIDE DOORS FOR ALL ROOMS (SEE DIMENSIONS AND NOTATIONS).

2. ALL DOORS OPENING OUTSIDE TO BE OPENED BY TURNING HANDLE.

3. ALL DOORS OPENING INWARDS TO BE OPENED BY TURNING HANDLE.

4. ALL DOORS TO BE OPENED BY TURNING HANDLE TO BE PAINTED.

5. SINKS, TUBS, TOILETS, AND OTHERS TO BE SET IN CONCRETE UNDERLAYER.

6. TYPICAL SHOWER, TUB/SHOWER TO BE SET IN CONCRETE UNDERLAYER.

FRONT APPROACH FULL SIZE	FRONT APPROACH REIN-DECK
--	--

	GL.1 INTERIOR GLAZING (CLEAR TEMPERED)
	GL.2 INTERIOR GLAZING (CLEAR LAMINATED)

[illegible]

PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	A700
C.D. PROGRESS SET	

KEYNOTE LEGEND

PROGRESS
DRAWING
NOT FOR
CONSTRUCTION

05/01/2025

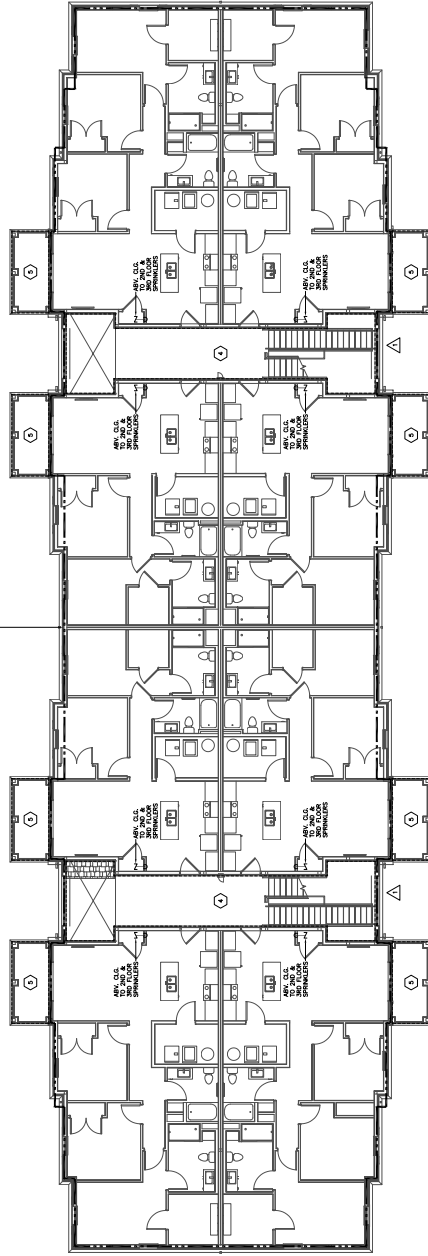
23446

A825D

CD PROGRESS SET

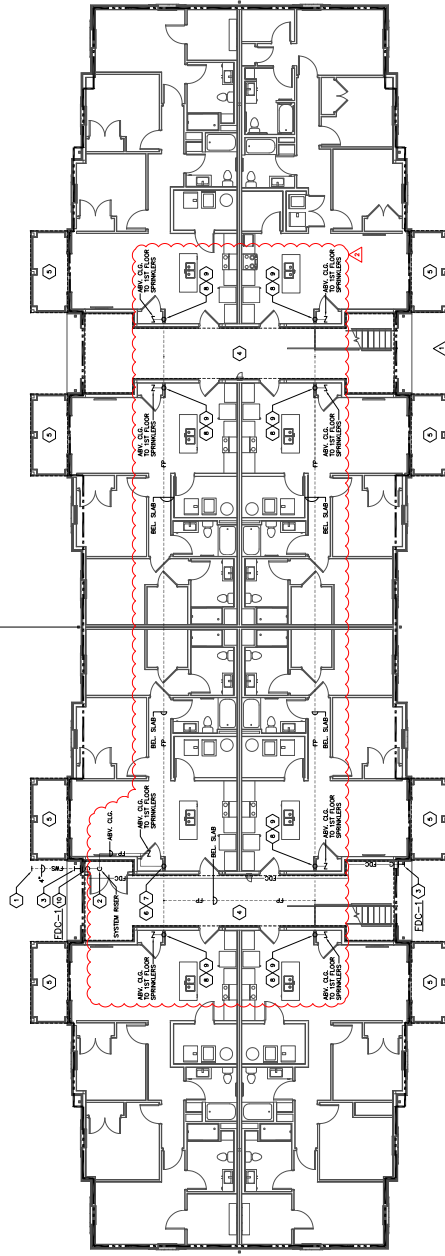


F.P. SPRINKLER ZONE 2 NOTE:
 PROVIDE SPRINKLER PROTECTION FOR ZONE 2 (SECOND FLOOR) PER NFPA 13. PROVIDE SPRINKLER PROTECTION FOR ZONE 2 (SECOND FLOOR) FOR THE SPRINKLER HEAD LOCATIONS WITH WORK OF OTHER CONTRACTORS AND THE ARCHITECT. SEE FIRE PROTECTION NOTES ON SHEET PP301 FOR FLOORS, RISERS, SPACING, AND OTHER REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR ROOM TYPES AND LOCATIONS OF FIRE SEPARATION WALLS AND RATED GLASS PARTITIONS.



LEVEL 02 FIRE PROTECTION PLAN - BUILDING B
SCALE: 1/8"=1'-0"

F.P. SPRINKLER ZONE 1 NOTE:
PROVIDE SPRINKLER PROTECTION FOR ZONE 1 (FIRST FLOOR) PER NFPA
REQUIREMENTS. VISIT HAZARD OCCURRENCE LOCATIONS, COORDINATE
SAMPLES, HEAD LOCATIONS, AND SPACINGS WITH THE ARCHITECT. SEE
ARCHITECT. SEE FIRE PROTECTION NOTES ON SHEET PP2001 FOR FLOORS,
DENSITIES, SPACING, AND OTHER REQUIREMENTS. SEE ARCHITECTURAL PLANS
FOR ROOM TYPES AND LOCATIONS OF FIRE SEPARATION WALLS AND RATED



LEVEL 01 FIRE PROTECTION PLAN - BUILDING B
SCALE: 1/8" = 1'-0"

[illegible]

PIPING INSTALLATION NOTE

A SINGLE FLOOR CONTROL VALVE ASSEMBLY FOR BOTH THE 2ND AND 3RD FLOORS SHALL BE PROVIDED IN THE FIRST FLOOR ELECTRIC/WATER SUPPLYMAN'S CLOSET. THE 2ND AND 3RD FLOOR SUPPLYMAN'S CLOSET SHALL BE PROVIDED FOR THE COMBINED 2ND AND 3RD FLOORS. THE 2ND FLOOR SUPPLYMAN'S CLOSET SHALL BE EXTENDED FROM THE FLOOR CONTROL ASSEMBLY AND ROSE IN THE 2ND FLOOR CLOSET TO ABOVE THE 2ND FLOOR CEILING WITH DROPS TO THE BALL STRUCTURE TO ABOVE THE 2ND FLOOR CEILING WITH DROPS TO THE BALL STRUCTURE TO ABOVE THE 2ND FLOOR CEILING AND IN-WALLS EXTERIORS TO SECOND FLOOR HEADS ON THE 2ND FLOOR LEVEL.

#	DATE	CHANGE DESCRIPTION
1	06/10/2025	ADDENDUM 01
2	06/25/2025	ADDENDUM 02

 **THE FALLS ON REFUGEE ROAD**
COLUMBUS METROPOLITAN
HOUSING AUTHORITY
3355 REFUGEE ROAD, COLUMBUS, OH 43232
FOR CMHA
COMPLIANT COMMUNITY COLLABORATION

 300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

Moody Nolan CERT. NO: FIRM 00197475
DRAWING TITLE:
BUILDING B - LEVEL 01 & 02
FIRE PROTECTION PLANS

05/01/2025	
23446	PROGRESS

DRAWING
NOT FOR
CONSTRUCTION

**THIS DRAWING IS NOT BEING SUBMITTED FOR
PLAN APPROVAL PURPOSES**

THIS PLAN IS PREPARED TO ASSIST FIRE PROTECTION
(SUB)CONTRACTORS IN SUBMITTING A BIDDING PROPOSAL.
IT IS NOT A CONTRACT DOCUMENT. CONTRACTORS SHOULD
PREPARE SPECIFIED CONSTRUCTION DRAWINGS, PERFORM
FIELD SURVEYS, OBTAIN NECESSARY PERMITS, AND
ASAPTED TO THE PROJECT. THE CONTRACTOR SHALL
OBTAIN ALL NECESSARY PERMITS AND OBTAIN ALL
NECESSARY APPROVALS FROM THE LOCAL AND STATE
AUTHORITIES) MAKING JURISDICTION FOR REVIEW.

**THIS DRAWING IS NOT BEING SUBMITTED FOR
PLAN APPROVAL PURPOSES**

THIS PLAN IS PREPARED TO ASSIST FIRE PROTECTION
(SUB)CONTRACTORS IN SUBMITTING A BIDDING PROPOSAL.
IT IS NOT A CONTRACT DOCUMENT. CONTRACTORS SHOULD
PREPARE SPECIFIED CONSTRUCTION DRAWINGS, PERFORM
FIELD SURVEYS, OBTAIN NECESSARY PERMITS, AND
ASAPTED TO THE PROJECT. THE CONTRACTOR SHALL
OBTAIN ALL NECESSARY PERMITS AND OBTAIN ALL
NECESSARY APPROVALS FROM THE LOCAL AND STATE
AUTHORITIES) MAKING JURISDICTION FOR REVIEW.

CODED NOTES ○

- [illegible]

PIPING INSTALLATION NOTE

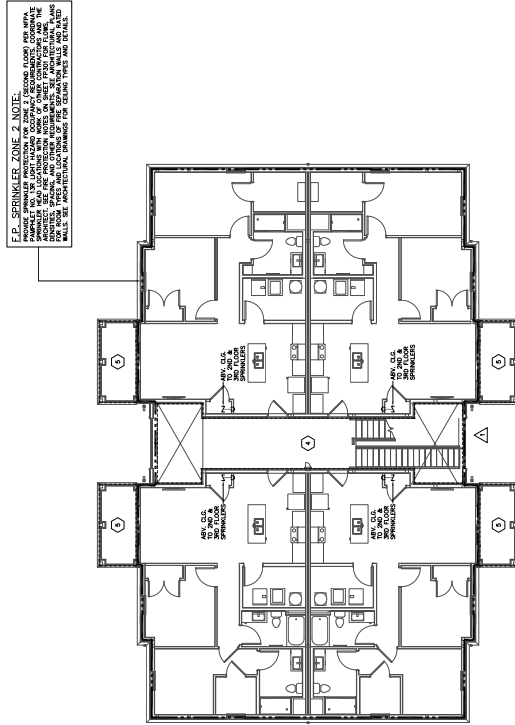
PUMP INSTALLATION NOTE

A SINGLE FLOOR CONTROL VALVE ASSEMBLY FOR BOTH THE 2ND AND 3RD FLOORS SHALL BE PROVIDED IN THE FIRST FLOOR ELECTRICAL/WATER CLOSET, CONNECTED TO THE SYSTEM RISER AT THAT LOCATION. FLOOR VALVES SHALL BE EXTENDED FROM THE FLOOR CONTROL ASSEMBLY AND RISE IN THE WALL STRUCTURE TO ABOVE THE 2ND FLOOR CEILING WITH PROTRUDENT AND SIDEWALL HEADS ON THE 2ND FLOOR LEVEL, AND IN-WALL RISERS TO SIDEWALL HEADS ON THE 3RD FLOOR LEVEL.

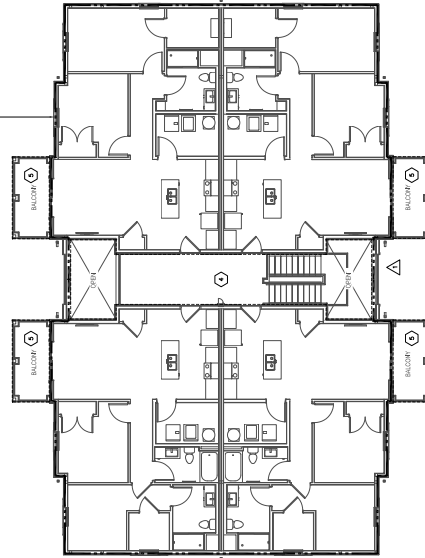
NO FIRE PROTECTION SPRINKLER RISERS SHALL BE INSTALLED IN EXTERIOR WALLS OR EXTERIOR WALLS SHALL BE PENETRATED BY SPRINKLER RISERS. SPRINKLER RISERS SHALL BE INSTALLED ABOVE THE BUILDING CEILING IN JOINTS.

LEVEL 02 FIRE PROTECTION PLAN - BUILDING C

LEVEL 02
SCALE: 1/8" = 1'-0"

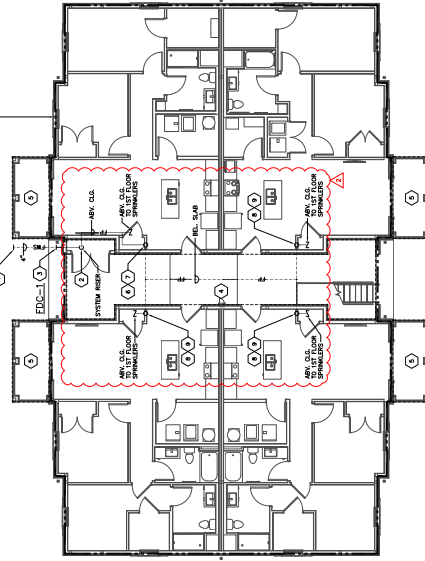


F.P. SPRINKLER ZONE 1 NOTE:
PROVIDE SPRINKLER PROTECTION FOR ZONE 1 (FIRST FLOOR) PER NFPA PAMPHLET NO. 13R LIGHT HAZARD OCCUPANCY REQUIREMENTS. COORDINATE SPRINKLER HEAD LOCATIONS WITH WORK OF OTHER CONTRACTORS AND THE ARCHITECT. SEE FIRE PROTECTION NOTES ON SHEET FP-301 FOR FLOWS, DENSITIES, SPACING, AND OTHER REQUIREMENTS. SEE ARCHITECTURAL PLANS FOR ROOM TYPES AND LOCATIONS OF FIRE SEPARATION WALLS AND RATED WALLS. SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPES AND DETAILS.



LEVEL 03 FIRE PROTECTION PLAN - BUILDING C

LEVEL 03
SCALE: 1/8"=1'-0"



LEVEL 01 FIRE PROTECTION PLAN - BUILDING C

LEVEL: 1
SCALE: 1/8" = 1' - 0"

#	DATE	CHANGE DESCRIPTION
1	06/10/2025	ADDENDUM# 01
2	06/25/2025	ADDENDUM# 02

 **THE FALLS ON REFUGEE ROAD**
COLUMBUS METROPOLITAN
HOUSING AUTHORITY
1335 REFUGEE ROAD, COLUMBUS, OH 43232
COMMUNITY DEVELOPMENT, COLUMBUS

Moody Nolan

 300 SPRUCE STREET
 SUITE 300
 COLUMBUS, OHIO 43215
 PHONE: 614-461-4664
 CERT. NO. ERM-0007476

BUILDING C
FIRE PROTECTION RISKS

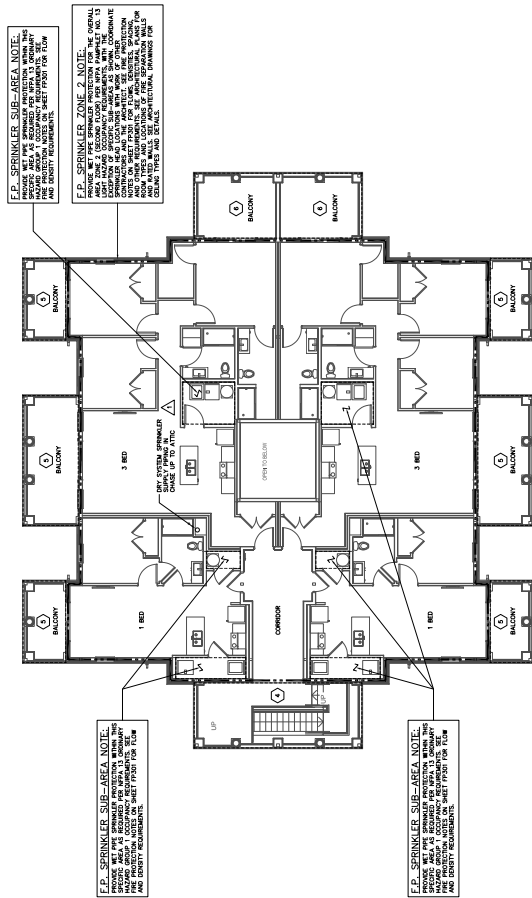
05/01/2025	23446	FP105-C	CD PROGRESS SET
PROGRESS DRAWING NOT FOR CONSTRUCTION			

CODED NOTES ○

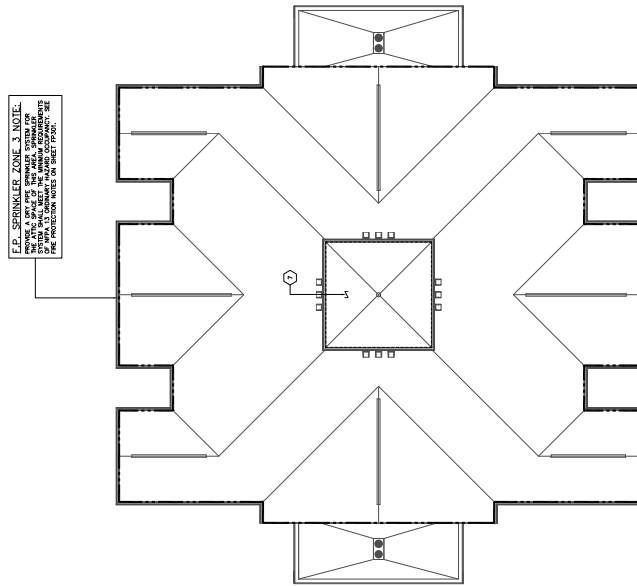
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PIPING INSTALLATION NOTE

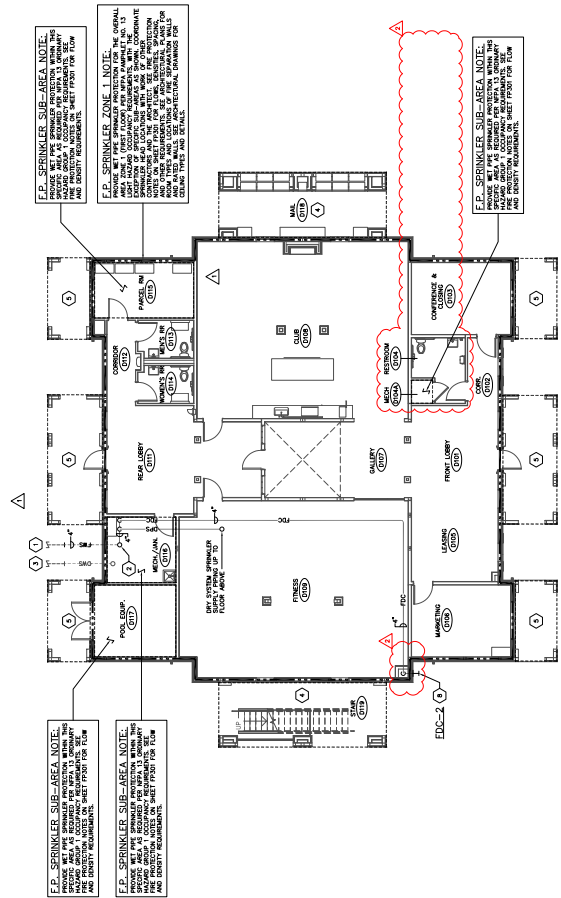
SINGLE FLOOR CONTROL VALVE ASSEMBLY FOR BOTH THE 1ST AND 2ND FLOORS SHALL BE PROVIDED IN THE FIRST FLOOR MECHANICAL ROOM. SUPPLY PIPING FOR THE COMBINED 1ST AND 2ND FLOORS SHALL BE EXTENDED FROM THE FLOOR CONTROL ASSEMBLY AND RISE IN THE WALL TO ABOVE THE 2ND FLOOR CEILING WITH DROPS TO PENETRANT HEADS ON THE 1ST FLOOR LEVEL AND N-WALL RISERS TO PENETRANT HEADS ON THE 2ND FLOOR LEVEL.



LEVEL 02 FIRE PROTECTION PLAN - BUILDING D
SCALE: 1/8"=1'-0"



ROOF FIRE PROTECTION PLAN - BUILDING D
SCALE: 1/8"=1'-0"



LEVEL 01 FIRE PROTECTION PLAN - BUILDING D
SCALE: 1/8"=1'-0"

#	DATE	CHANGE DESCRIPTION
1	06/10/2025	ACCORDUM# 01
2	06/25/2025	ACCORDUM# 02

 **THE FALLS ON REFUGEE
ROAD**
3155 REFUGEE ROAD, COLUMBUS, OH 43212
FOR **CMHA**

 300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4684

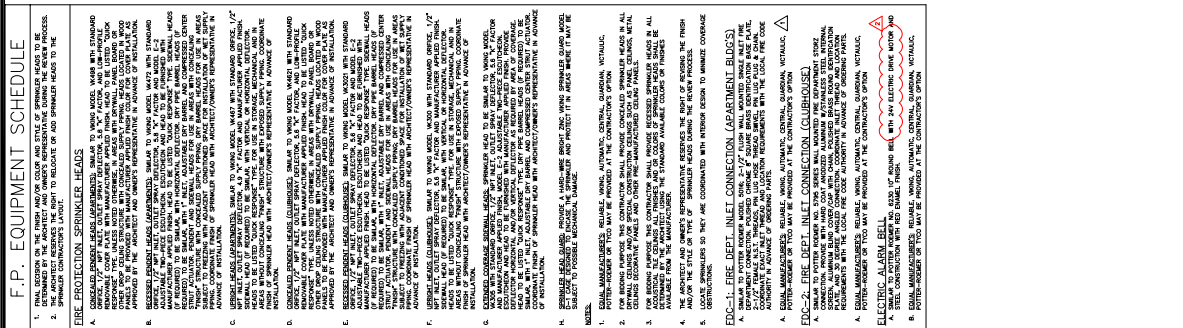
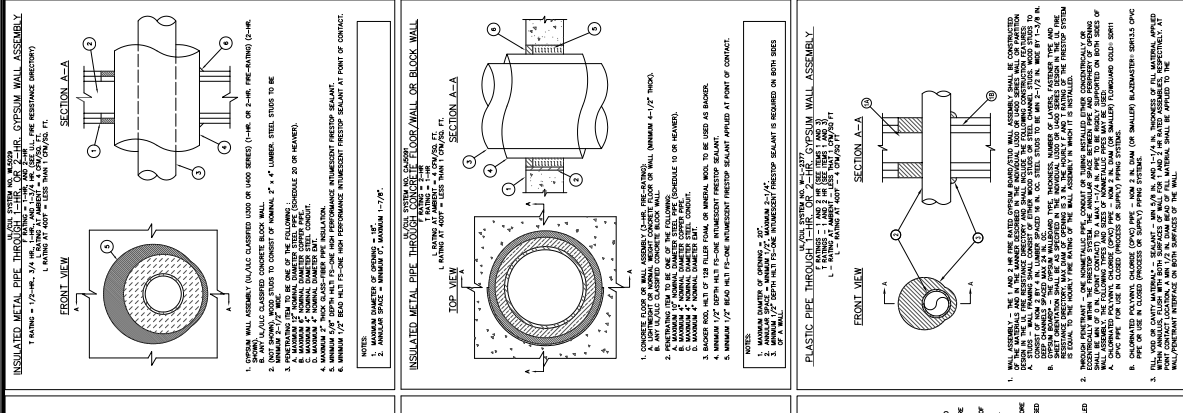
CERT. NO: FIRM 00197475

Moody Nolan

TRAINING TITLE:

**BUILDING D - LEVEL 01 & 02
FIRE PROTECTION PLANS**

PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	FD106-D
	CD PROGRESS SET

[illegible][illegible]

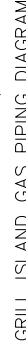
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2	01/01/2015	ACCOUNTING CO



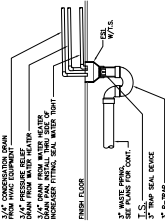
**THE FALLS ON REFUGEE
PROJECT**

1

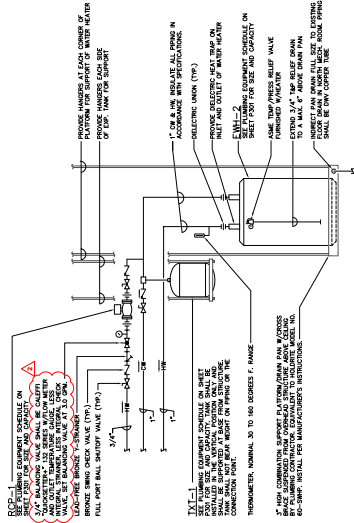
- | | | | | |
|---|--|-------|---------------|-----------------|
| BUILDING D - LEVEL 01 & 02
PLUMBING SUPPLY PLANS | 05/01/2025 | 23446 | P107-D | CD PROGRESS SET |
| | PROGRESS
DRAWING
NOT FOR
CONSTRUCTION | | | |
| | (Empty row) | | | |
| | (Empty row) | | | |



P107-D-24237.5M2	PRAATER Engineering Associates, Inc. 6130 Wilcox Road Dublin, Ohio 43016 (614) 766 4896 FAX: (614) 766 2354	DECIGNED BY BURNS	DRAWN BY BURNS	CHECKED BY CAMERSON	JOB NO. 24237



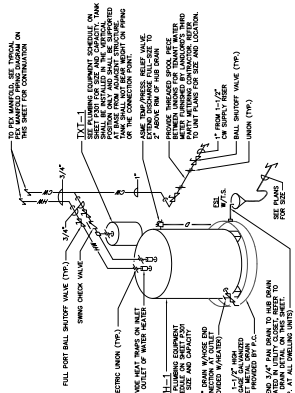
DWELLING UNIT HUB DRAIN DETAIL
NO SCALE
(TYPICAL AT ENTRY CORNERS TO DWELLING UNIT)



INSTALLATION NOTES:

1. SPECIAL SUPPORTED PLATFORM/STAMP PAN WITH 1/2" ALL-THEAD SUPPORT RODS TO OVERHEAD STRUCTURE AS HIGH AS POSSIBLE ABOVE CEILING MINIMUM OF FOUR (4) SUPPORT RODS TO BE PROVIDED.
2. PROVIDE 1/2" ALL-THEAD SUPPORT RODS TO OVERHEAD STRUCTURE AS HIGH AS POSSIBLE ABOVE CEILING MINIMUM OF FOUR (4) SUPPORT RODS TO BE PROVIDED.
3. MANUFACTURER'S RECOMMENDATIONS AND COORDINATED WITH ELECTRICAL CONTRACTORS IN ADVANCE OF ANY WIRING.
4. PROVIDE HEAT TRAP FITTINGS ON INLET AND OUTLET CONNECTIONS OF HEATER.
5. PROVIDE ALL PIPING IN ACCORDANCE WITH SPECIFICATIONS.

EWH-2: WATER HEATER PIPING DIAGRAM
(CLUB HOUSE)



INSTALLATION NOTES:

1. PROVIDE 1/2" ALL-THEAD SUPPORT RODS TO OVERHEAD STRUCTURE AS HIGH AS POSSIBLE ABOVE CEILING MINIMUM OF FOUR (4) SUPPORT RODS TO BE PROVIDED.
2. PROVIDE 1/2" ALL-THEAD SUPPORT RODS TO OVERHEAD STRUCTURE AS HIGH AS POSSIBLE ABOVE CEILING MINIMUM OF FOUR (4) SUPPORT RODS TO BE PROVIDED.
3. MANUFACTURER'S RECOMMENDATIONS AND COORDINATED WITH ELECTRICAL CONTRACTORS IN ADVANCE OF ANY WIRING.
4. PROVIDE HEAT TRAP FITTINGS ON INLET AND OUTLET CONNECTIONS OF HEATER.
5. PROVIDE ALL PIPING IN ACCORDANCE WITH SPECIFICATIONS.

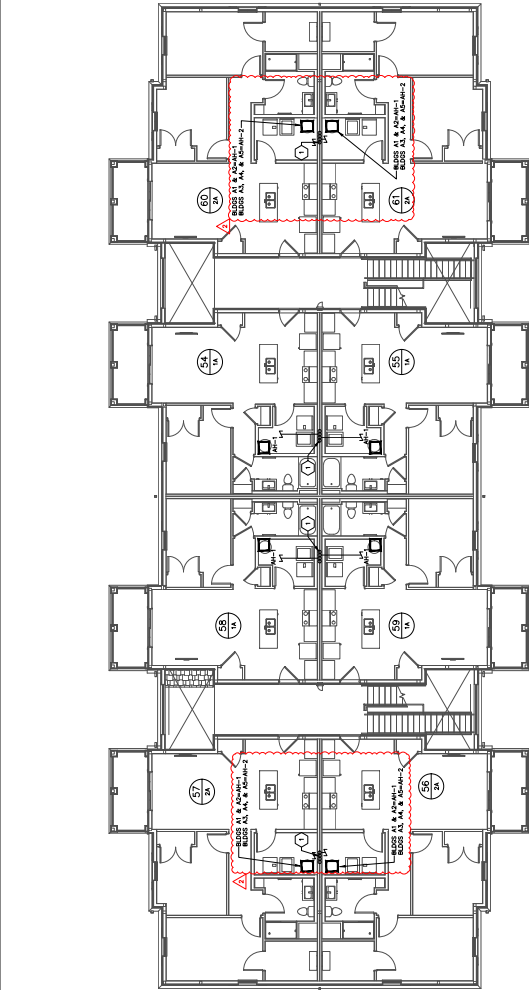
EWH-1: DWELLING UNIT DOMESTIC C.W. HW AND WATER HEATER PIPING DIAGRAM

WATER HAMMER ARRESTOR SCHEDULE				
TYPE	CONNECTION (NPS)	ORIENTATION "A" DIA "B" DIA	ORIENTATION "C" DIA "D" DIA	FUTURE UNIT CAPACITY
W	1/2"	3/4"	4-1/2"	1-11
W	1/2"	1"	5-1/4"	12-32
W	1/2"	1"	6"	33-60
W	1/2"	1"	6-3/4"	61-113
W	1"	1"	6-3/4"	114-154
W	1"	1"	7-3/4"	155-330

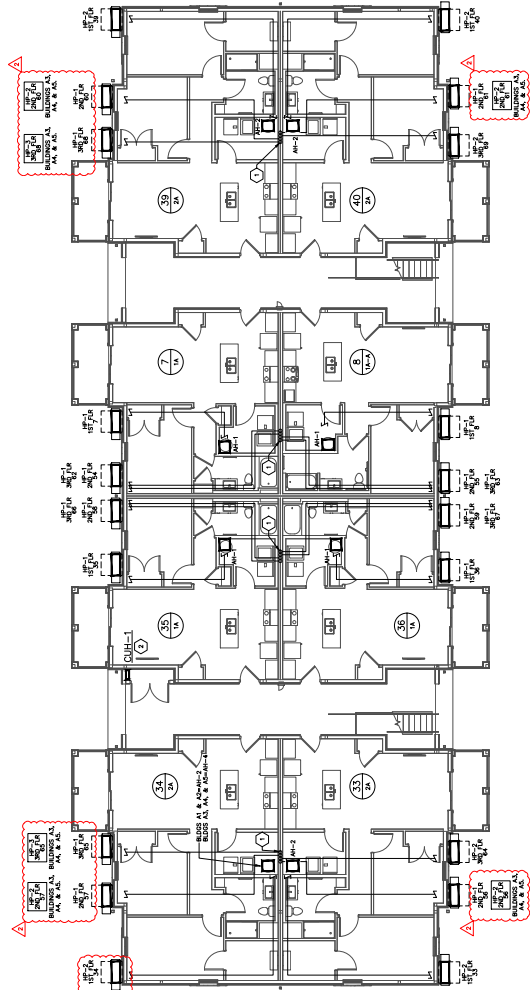
[illegible]

PRATER
 Engineering Associates, Inc.
 5130 Wilcox Road
 Dublin, Ohio 43016
 (614) 766 4806
 FAX: (614) 766 2356

DESIGNED BY	DRAWN BY	CHECKED BY	JOB NAME



LEVEL 02 HVAC PLAN - BUILDING A
SCALE 1/8"=1'-0"



LEVEL 01 HVAC PLAN - BUILDING A
SCALE 1/8"=1'-0"

CODED NOTES

1. THE INFORMATION ON THIS PLAN IS FOR THE USE OF THE ARCHITECT AND ENGINEER ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.
2. THE INFORMATION ON THIS PLAN IS FOR THE USE OF THE ARCHITECT AND ENGINEER ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.

NO.	DATE	CHANGE DESCRIPTION
1	06/07/2025	REVISION 1
2	06/07/2025	REVISION 2

THE FALLS ON REFUGEE ROAD
COMMUNITY DEVELOPMENT
READING, MASSACHUSETTS 01060
CMHA

Moody Nolan
ARCHITECTS
300 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864
CERT. NO. FRM 0019475

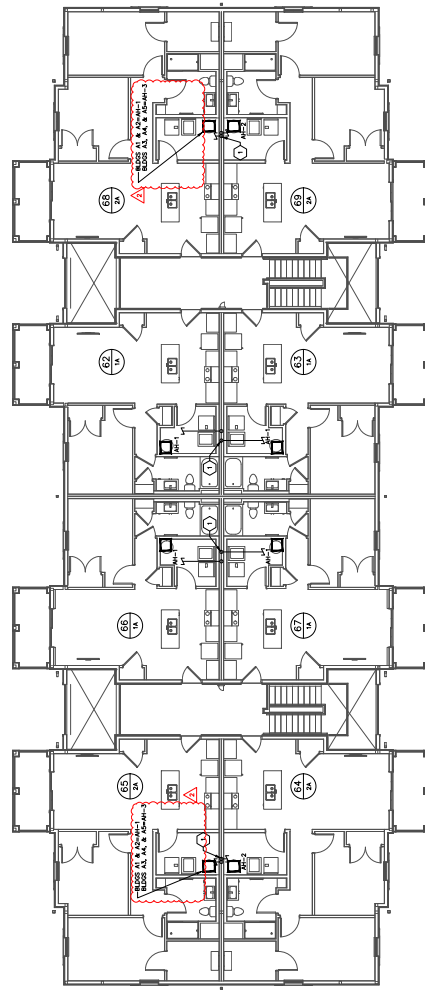
**BUILDING A - LEVEL 01 & 02
HVAC PLANS**

PROGRESS
CONSTRUCTION
NOT FOR
CONSTRUCTION

05/01/2025
23446
H101-A
CD PROGRESS SET

CODED NOTES

- 1. THE INFORMATION ON THIS DRAWING IS THE PROPERTY OF MOODY NOLAN INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.



LEVEL 03 HVAC PLAN - BUILDING A
SCALE 1/8"=1'-0"

MOODY NOLAN
Engineering Associates, Inc.
4130 Wilson Road
Columbus, OH 43224
TEL: (614) 734-4884
FAX: (614) 734-4885
WWW.MOODYNOLAN.COM

PROJECT NO. 2024-0017-001
DATE: 05/01/2024
DRAWN BY: J. MOODY
CHECKED BY: J. MOODY
IN CHARGE: J. MOODY

NO.	DATE	CHANGE DESCRIPTION
1	05/01/2024	ISSUING SET
2	05/01/2024	ISSUING SET

THE FALLS ON REFUGEE ROAD
COLUMBUS, OH 43224
PHONE: 614-481-4884
FAX: 614-481-4885
WWW.MOODYNOLAN.COM

300 SPRING STREET
SUITE 300
COLUMBUS, OH 43215
PHONE: 614-481-4884
FAX: 614-481-4885
WWW.MOODYNOLAN.COM

Moody Nolan
CERT. NO. FRM 0019475

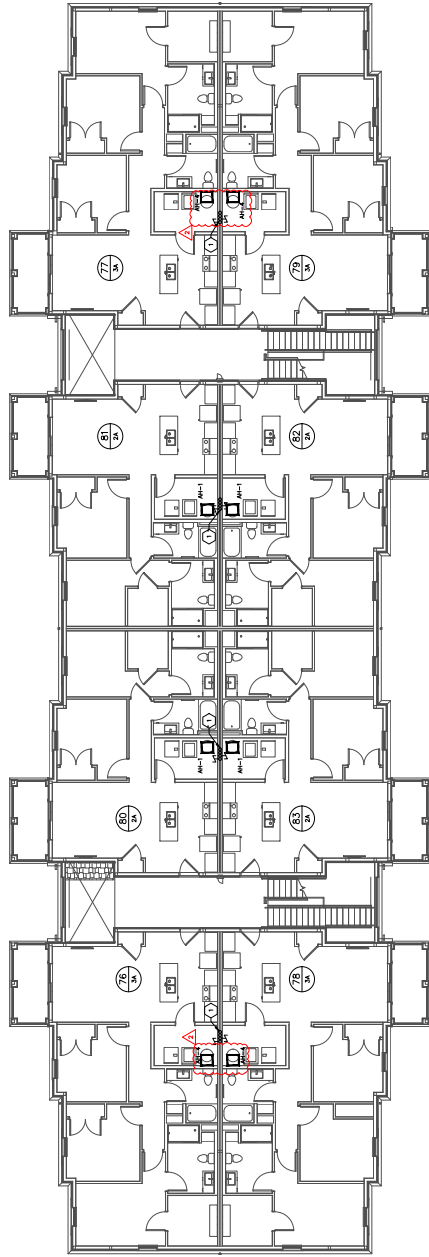
**BUILDING A - LEVEL 03
HVAC PLANS**

05/01/2024
23446
H102-A
CD PROGRESS SET

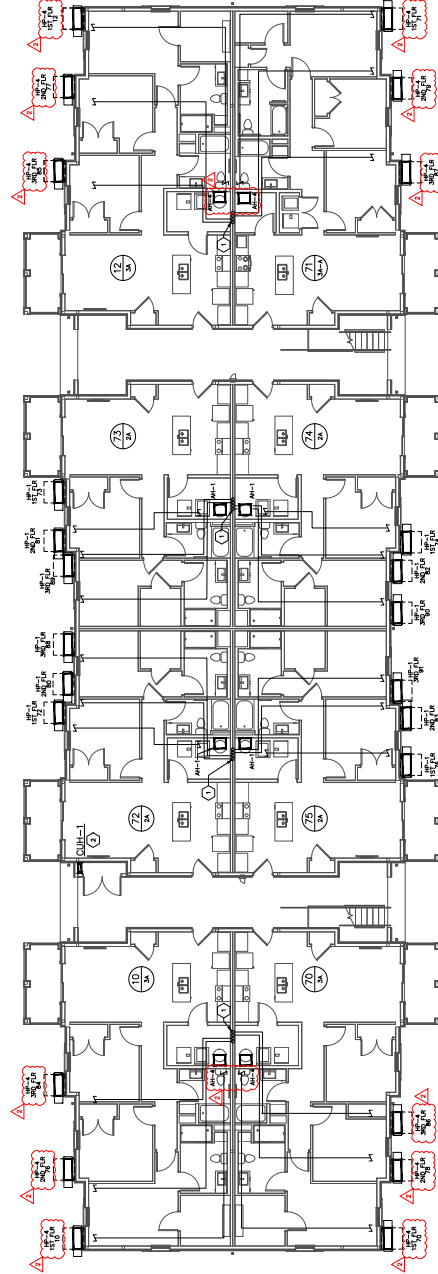
PROGRESS
NOT FOR
CONSTRUCTION

CODED NOTES ○

1. THE INFORMATION ON THIS PLAN IS FOR THE BUILDING OFFICE ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE. THE BUILDING OFFICE SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION ON THIS PLAN.
2. COORDINATE ON LOCATION PRIOR TO ANY CONSTRUCTION. THE BUILDING OFFICE SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION ON THIS PLAN.
3. THE BUILDING OFFICE SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION ON THIS PLAN.



LEVEL 02 HVAC PLAN - BUILDING B
SCALE: 1/8"=1'-0"



LEVEL 01 HVAC PLAN - BUILDING B
SCALE: 1/8"=1'-0"

MOODY NOLAN
ENGINEERING ASSOCIATES, INC.
11111 W. 111th Street
Suite 100
Overland Park, KS 66213
(913) 794-4882
www.moody-nolan.com

THE FALLS ON REFUGEE
ROAD
COLUMBUS, OHIO 43215
PHONE 614-481-4884
CERT. NO. FRM 0019475
CMHA

MOODY NOLAN
ENGINEERING ASSOCIATES, INC.
11111 W. 111th Street
Suite 100
Overland Park, KS 66213
(913) 794-4882
www.moody-nolan.com

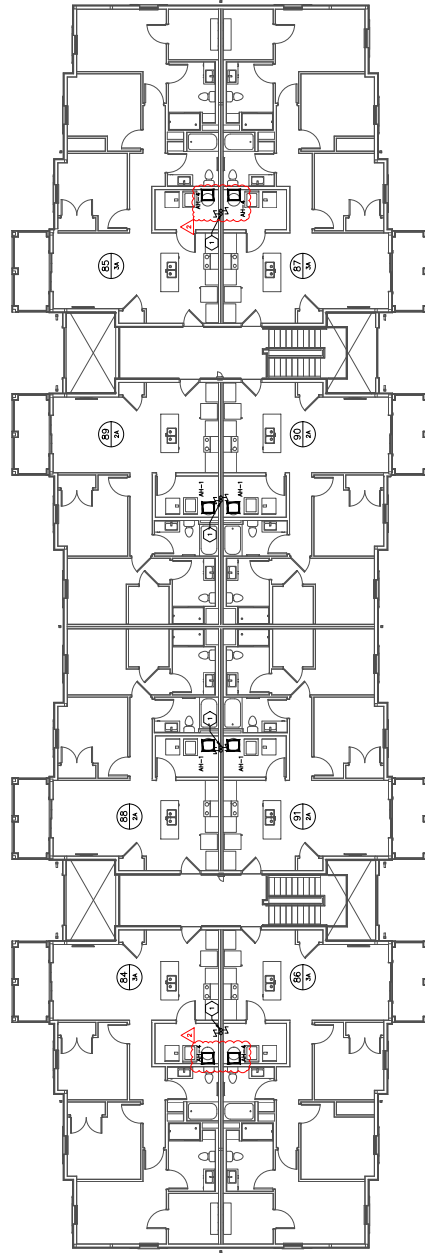
BUILDING B - LEVEL 01 & 02
HVAC PLANS

PROGRESS
CONSTRUCTION
NOT FOR
CONSTRUCTION

05/01/2025
23446
H103-B
CD PROGRESS SET

CODED NOTES ○

- 1. THE INFORMATION ON THIS DRAWING IS THE PROPERTY OF MOODY NOLAN INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MOODY NOLAN INC.



LEVEL 03 HVAC PLAN - BUILDING B
SCALE: 1/8"=1'-0"

H104-B-2024-07-2009

PRATER
Engineering Associates, Inc.
11111 Wilson Road
Columbus, OH 43240
PH: 614.481.4884
FAX: 614.481.4885
WWW.PRATERINC.COM

NO.	DATE	BY	CHKD BY	APP'D BY
1	07/20/2024	MOODY NOLAN		

NO.	DATE	BY	CHKD BY	APP'D BY
1	07/20/2024	MOODY NOLAN		

CHANGE DESCRIPTION

1. 07/20/2024 ACCORDING TO
2. 07/20/2024 ACCORDING TO

THE FALLS ON REFUGEE ROAD
COLUMBUS, OH 43240
PHONE 614-481-4884
FAX 614-481-4885
WWW.FALLSONREFUGEROAD.COM

300 SPRING STREET
SUITE 300
COLUMBUS, OH 43215
PHONE 614-481-4884
FAX 614-481-4885
WWW.FALLSONREFUGEROAD.COM

MOODY NOLAN
CERT. NO. FRM 0019475

PROGRESS SET
NOT FOR CONSTRUCTION

05/01/2025
23446
H104-B
CD PROGRESS SET

CODED NOTES ○

- REFRIGERANT PIPING DOWN INSIDE WALL CAVITY TO OUTDOOR UNITS ON GRADE. PIPE PER THE DETAILS ON SHEET HXX (TYP.).

#	DATE	CHANGE DESCRIPTION
1	06/10/2023	APPENDUM# 01
2	06/25/2023	APPENDUM# 02

 **THE FALLS ON REFUGEE ROAD**
3550 REFUGEE ROAD, COLUMBUS, OH 43222
FOR
COLUMBUS METROPOLITAN HOUSING AUTHORITY
UNIVERSITY CAMPUS, COLUMBUS, OH

 300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

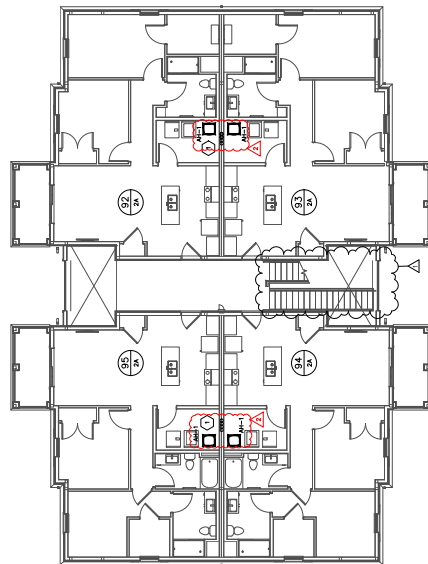
Moody Nolan
CERT. NO: FIRM 00197475
PHONE: 914-401-1004

DRAWING TITLE:
**BUILDING C - LEVEL 01 & 02
LIVAC PLANS**

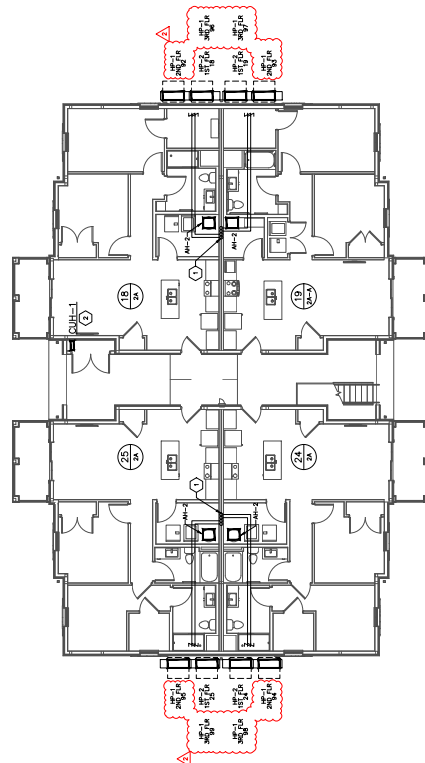
05/01/2025	
23446	

PROGRESS
DRAWING
NOT FOR
CONSTRUCTION

CONTRACT NO.	11103-0
CONTRACT SET	CONTRACT SET



LEVEL 02 HVAC PLAN - BUILDING C
SCALE: 1/8"=1'-0"



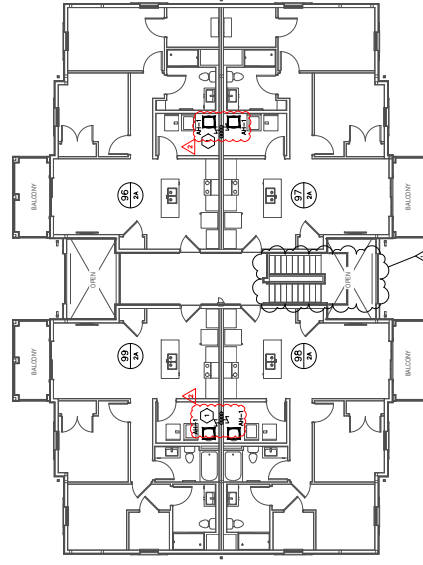
LEVEL 01 HVAC PLAN - BUILDING C
SCALE: 1/8"=1'-0"

DESIGNED BY B. MOFFERN	DRAWN BY B. MOFFERN	CHECKED BY	JOB NO. 24217
---------------------------	------------------------	------------	------------------

PRAATER
Engineering Associates, Inc.

6130 Wilson Road
Dublin, Ohio 43016

(614) 766-4806
FAX: (614) 766-2354



LEVEL 03 HVAC PLAN – BUILDING C
SCALE: 1/8"=1'-0"

DESIGNED BY	DRAWN BY	CHECKED BY	JOB NO. DATE

#	DATE	CHANGE DESCRIPTION
1	06/10/2023	ADDENDUM# 01
2	06/25/2023	ADDENDUM# 02

 **THE FALLS ON REFUGEE ROAD**
COLUMBUS METROPOLITAN HOUSING AUTHORITY
3369 REFUGEE ROAD COLUMBUS, OH 43232
COMMUNITY DEVELOPMENT COLUMBUS, OH 43232

 300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664
CERT. NO. EEM-000747E

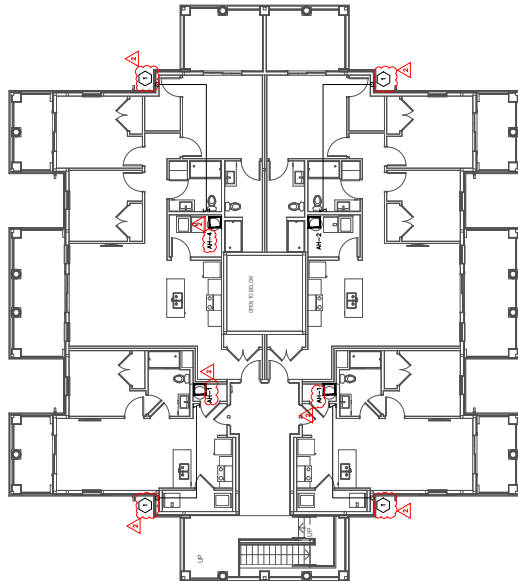
Moody Nolan
DRAWING TITLE
BUILDING C - LEVEL 03
HVAC PLANS
CERT. NO.: FIRM 00197475
PHONE: 614-461-4664

PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	H106-C

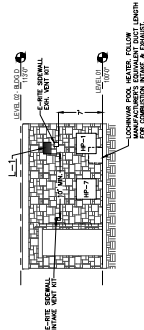
CODING NOTES	
1.	REFRIGERANT PIPING DOWN INSIDE WALL CAVITY TO OUTDOOR UNITS ON GRADE. PPE PER THE DETAILS ON SHEET HXK (TYP.).

CODED NOTES ○

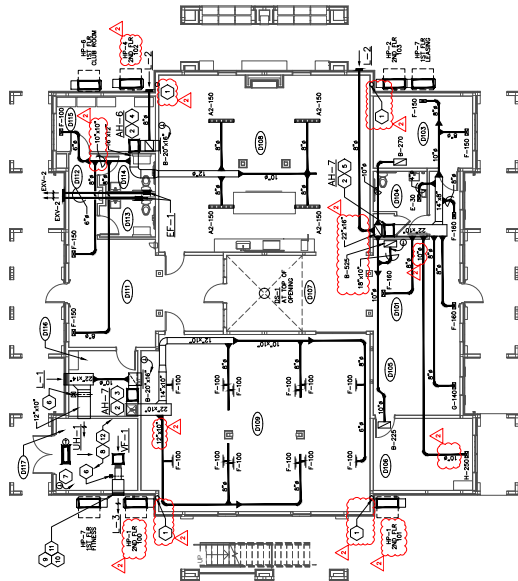
1. THESE NOTES ARE TO BE USED IN CONJUNCTION WITH THE H107-D PROJECT MANUAL AND THE H107-D SPECIFICATIONS.
2. INSTALL ALL HANDLING, RESISTANT PIPING, PRIMARY PIPING, AND CONNECTIONS IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.
3. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.
4. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.
5. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.
6. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.
7. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.
8. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.
9. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.
10. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.
11. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.
12. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE H107-D SPECIFICATIONS.



LEVEL 02 HVAC PLAN - BUILDING D
SCALE: 1/8"=1'-0"



POOL HEATER VENT DETAIL
SCALE: 1/8"=1'-0"



LEVEL 01 HVAC PLAN - BUILDING D
SCALE: 1/8"=1'-0"

#	DATE	CHANGE DESCRIPTION
1	06/07/2025	ACCOMMODATE 01
2	06/22/2025	ACCOMMODATE 02

THE FALLS ON REFUGEE ROAD
COLUMBUS, OHIO 43215
PHONE 614-481-4864
CMHA

300 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864
CERT. NO. FRM 0019475

Moody Nolan
BUILDING D - LEVEL 01 & 02
HVAC PLANS

05/01/2025	23446	H107-D
PROGRESS	NOT FOR CONSTRUCTION	CD PROGRESS SET

CODED NOTES ○

- [illegible]

DUCT LOCATION /
STRUCTURAL
COORDINATION

- ALL S.A. DISTRIBUTION DUCTWORK FOR APARTMENT UNITS SHALL BE CEILING IN THE SOFFIT SPACE BENEATH THE FIRE RATED CEILING MEMBRANE.

TERMINATION NOTE:

THE HVAC CONTRACTOR SHALL CONFORM TO THE DUCT CONFIGURATION INDICATED ON THIS DRAWING AS CLOSELY AS POSSIBLE. NOTE THAT FIELD COORDINATION WITH OTHER TRADES WILL BE NECESSARY TO ACHIEVE THE CEILING HEIGHTS INDICATED ON THE ARCHITECTURAL DRAWINGS. COORDINATION WITH THE PLUMBING CONTRACTOR WILL BE ESPECIALLY IMPORTANT DUE TO VARIATIONS IN THE SANITARY PIPING CONFIGURATIONS. PROVIDE ADDITIONAL DUCT OFFSETS WHERE REQUIRED DUE TO FIELD CONDITIONS AND COORDINATION WITH OTHER TRADES.

DATE	CHANGE DESCRIPTION
06/10/2025	ACCENDUM# 01
06/25/2025	ACCENDUM# 02

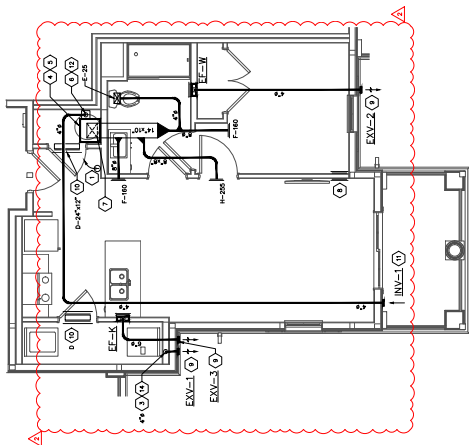


300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

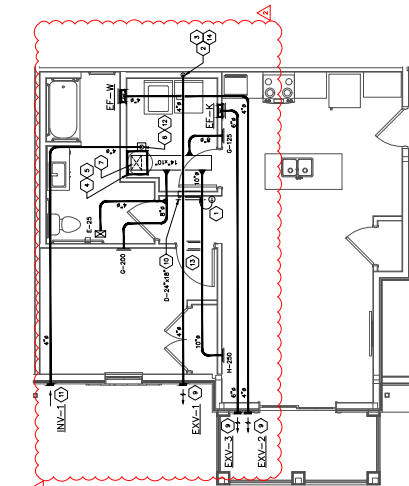
Woody Nolan
 CERT. NO.: FIRM 00197475
 NO. TITLE:
 LARGED UNIT
 IAC PLANS

05/01/2025	
23446	

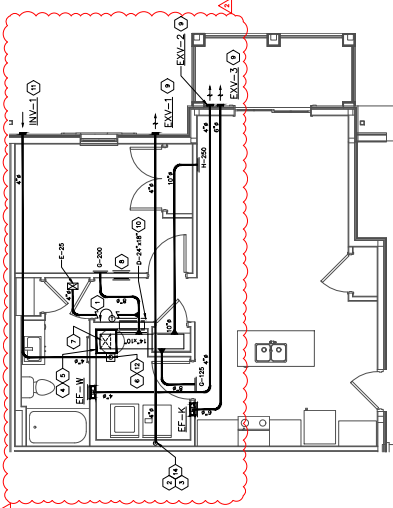
PROGRESS DRAWING NOT FOR CONSTRUCTION	H-200	00-000-00000-0000
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1 BEDROOM CLUBHOUSE
HVAC UNIT PLAN
SCALE: 1/4"=1'-0"



1 BEDROOM ANSI TYPE A
HVAC UNIT PLAN
SCALE: 1/4"=1'-0"



BEDROOM ANSI TYPE B
HVAC UNIT PLAN
SCALE: 1/4"=1'-0"

CODED NOTES ○

- [illegible]

DUCT LOCATION /
STRUCTURAL
COORDINATION

- A. ALL S.A. DISTRIBUTION DUCTWORK FOR APARTMENT UNITS SHALL BE LOCATED IN THE SCOTTI SPACE MENAHEIN THE FIRE RATED CEILING MEMBRANE.
- B. REMOVED.
- C. ALL FIELD CUT OPENINGS THROUGH RM. BOARDS SHALL BE MADE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS. CAREFUL COORDINATION WITH THE STRUCTURAL SUPPLIER IS REQUIRED. REFER TO THE STRUCTURAL DRAWINGS FOR LOCATIONS OF RM. BOARDS.
- D. COORDINATE FINAL LOCATIONS OF EXHAUST/INTAKE TERMINALS WITH ARCHITECTURAL ELEVATIONS.

COORDINATION NOTE:

COORDINATION NOTE:
THE HVAC CONTRACTOR SHALL CONFORM TO THE DUCT CONFIGURATION INDICATED ON THIS DRAWING AS CLOSELY AS POSSIBLE. NOTE THAT FIELD COORDINATION WITH OTHER TRADES WILL BE NECESSARY TO ACHIEVE THE CEILING HEIGHTS INDICATED ON THE ARCHITECTURAL DRAWINGS. COORDINATION WITH THE PLUMBING CONTRACTOR WILL BE ESPECIALLY IMPORTANT DUE TO VARIATIONS IN THE SANITARY PIPING CONFIGURATIONS. PROVIDE ADDITIONAL DUCT OFFSETS WHEN REQUIRED DUE TO FIELD

DATE	CHANGE DESCRIPTION
06/10/2025	ADDENDUM# 01
06/25/2025	ADDENDUM# 02



COLUMBUS METROPOLITAN
HOUSING AUTHORITY
FOR
CMHA
3366 REFUGEE ROAD, COLUMBUS, OH 43232
INTERNET: CMHA.ORG/COLLABORATION

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

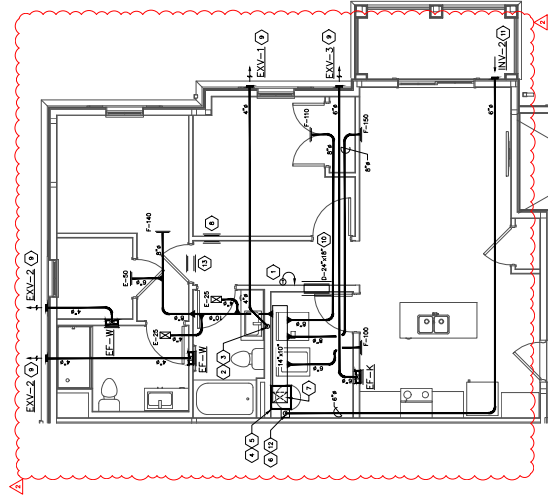
loody Nolan
CERT. NO: FIRM 00197475

ENLARGED UNIT VAC PLANS

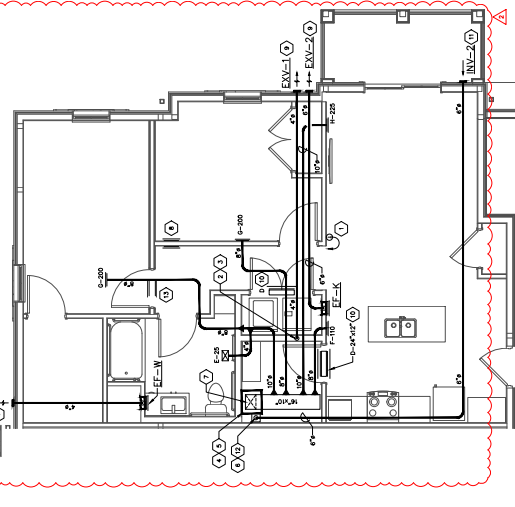
05/01/2025	
23446	05/01/2025

PROGRESS
DRAWING
NOT FOR
CONSTRUCTION

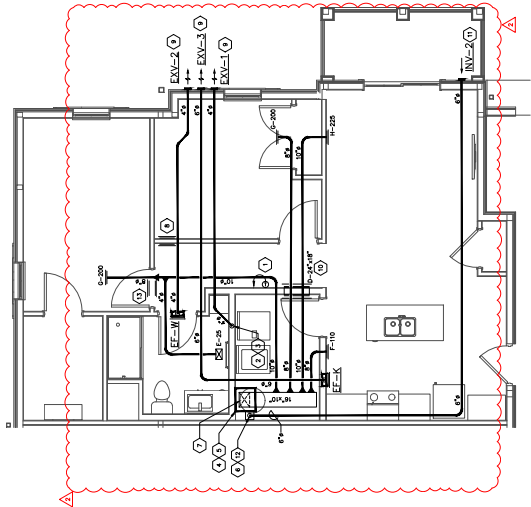
CO PROGRESS SET



2 BEDROOM 2 BA
HVAC UNIT PLAN
SCALE: 1/4"=1'-0"



2 BEDROOM ANSI TYPE A
HVAC UNIT PLAN
SCALE: 1/4"=1'-0"



2 BEDROOM ANSI TYPE B
HVAC UNIT PLAN
SCALE: 1/4"=1'-0"

[illegible]

DUCT LOCATION /
STRUCTURAL
COORDINATION

- A. ALL A.S. DISTRIBUTION DUCTWORK FOR APARTMENT UNITS SHALL BE LOCATED IN THE SOFTY SPACE BENEATH THE FIRE RATED CEILING MEMBRANE.
- B. REMOVED.
- C. ALL FIELD CUT OPENINGS THROUGH RM BOARDS SHALL BE MADE IN ACCORDANCE WITH THE STRUCTURE SUPPLIERS GUIDELINES & DRAWINGS. IF A SUPPLIER IS REQUIRED, REFER TO THE STRUCTURAL DRAWINGS FOR LOCATIONS OF RM BOARDS.
- D. COORDINATE FINAL LOCATIONS OF EXHAUST/INTAKE TERMINALS

COORDINATION NOTE:

THE HVAC CONTRACTOR SHALL CONFORM TO THE DUCT CONFIGURATION INDICATED ON THIS DRAWING AS CLOSELY AS POSSIBLE. NOTE THAT FIELD COORDINATION WITH OTHER TRADES WILL BE NECESSARY TO ACHIEVE THE CEILING HEIGHTS INDICATED ON THE ARCHITECTURAL DRAWINGS. COORDINATION WITH THE PLUMBING CONTRACTOR WILL BE ESPECIALLY IMPORTANT DUE TO VARIATIONS IN THE SANITARY PIPING CONFIGURATIONS. PROVIDE ADDITIONAL DUCT OFFSETS WHERE REQUIRED DUE TO FIELD

DATE	CHANGE DESCRIPTION
06/10/2025	ADDENDUM# 01
06/25/2025	ADDENDUM# 02



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

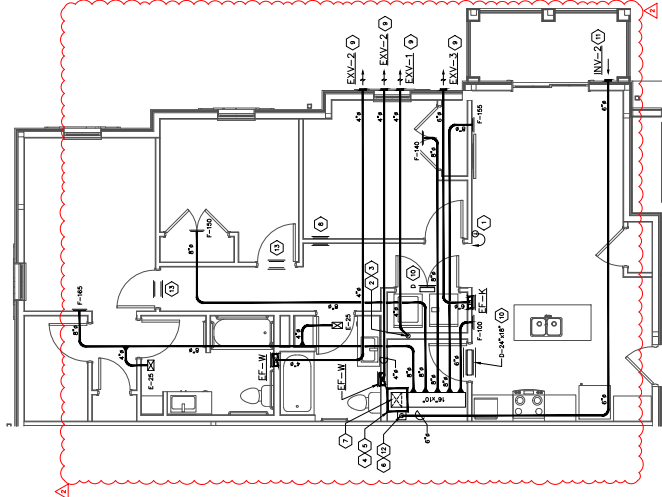
Moody Nolan
FIRM TITLE:
ENLARGED UNIT
VAC PLANS
CERT. NO.: FIRM 00197475

05/01/2025	
23446	05/01/2025

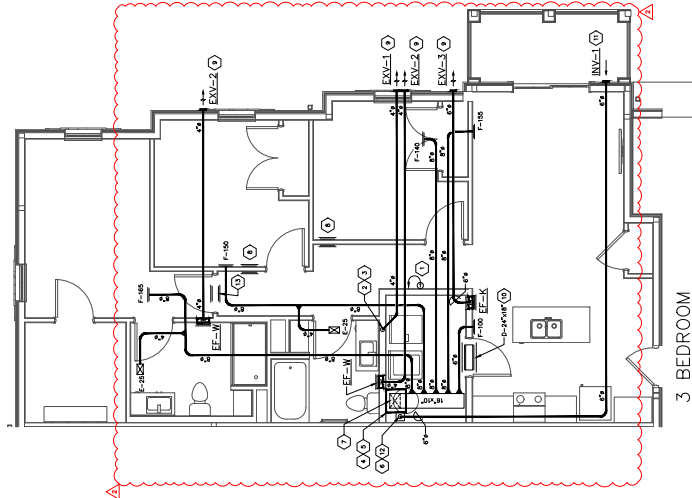
DRAFTING
 NOT FOR
 CONSTRUCTION

H-202

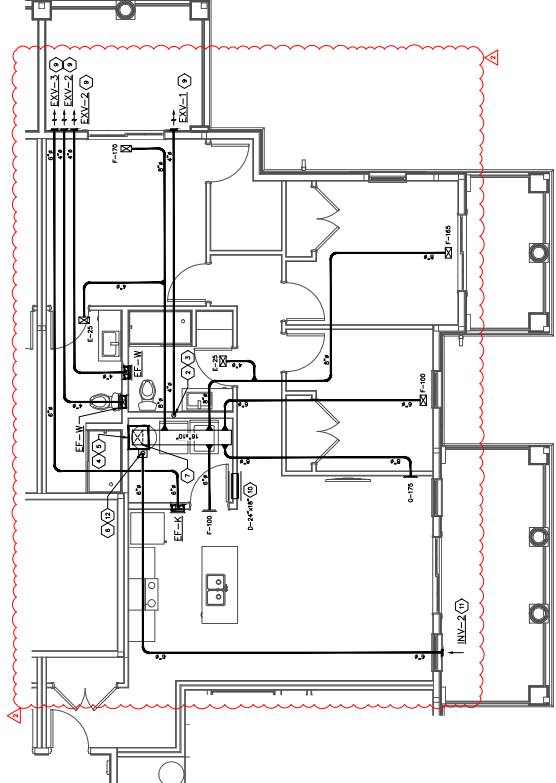
CO PROGRESS SET



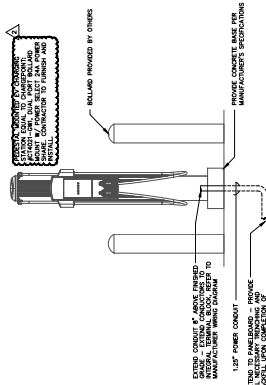
3 BEDROOM ANSI TYPE A
HVAC UNIT PLAN
SCALE: 1/4"=1'-0"



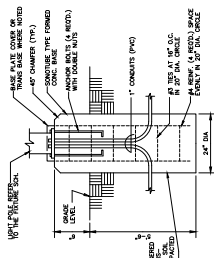
3 BEDROOM
HVAC UNIT PLAN
SCALE: 1/4"=1'-0"



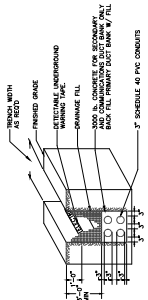
3 BEDROOM CLUBHOUSE
HVAC PLAN
SCALE: 1/4"=1'-0"



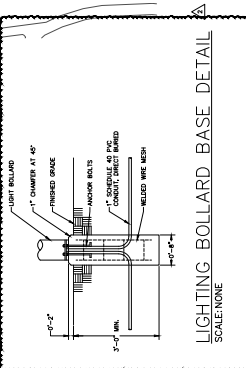
EV CHARGER INSTALLATION DETAIL
SCALE: NONE



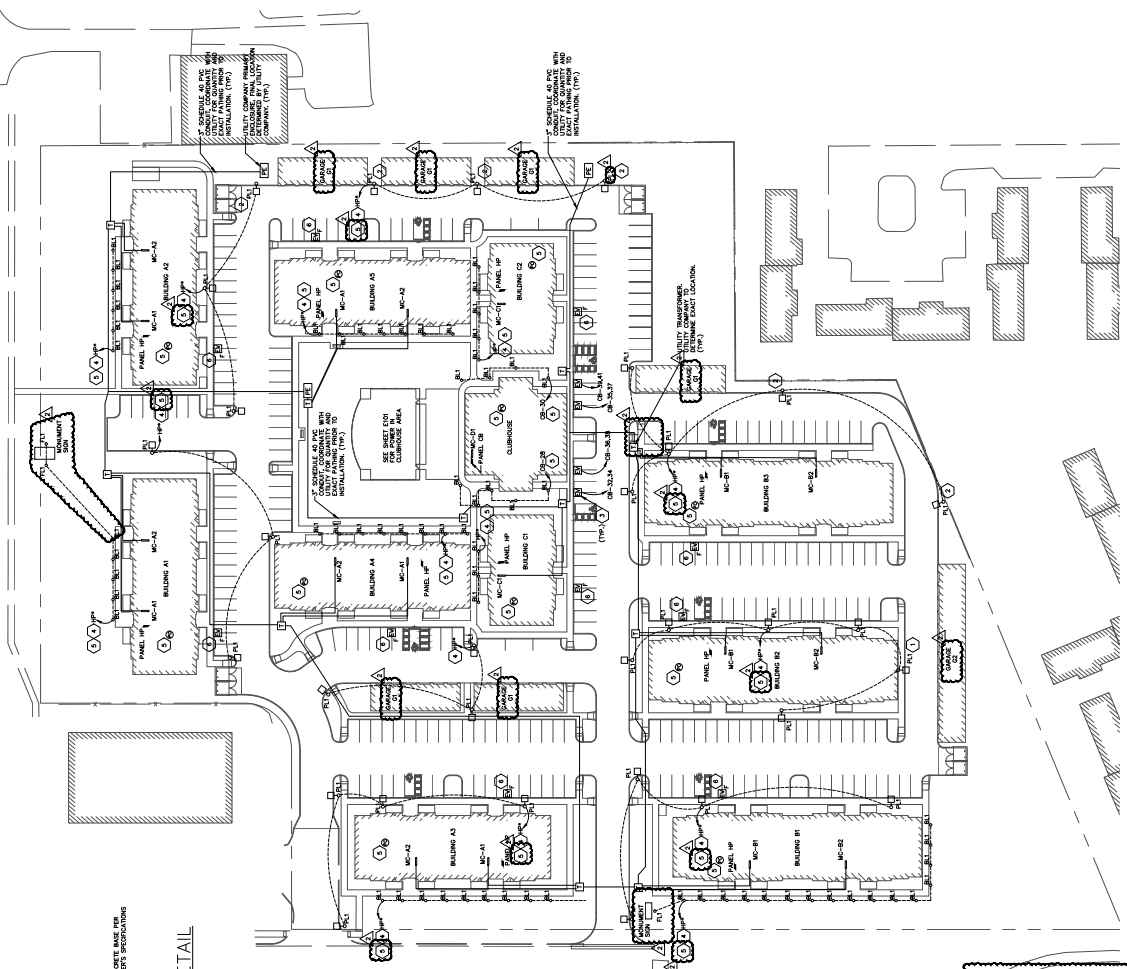
POLE BASE DETAIL
SCALE: NONE



DUCT BANK DETAIL
SCALE: NONE



LIGHTING BOLLARD BASE DETAIL
SCALE: NONE



ELECTRICAL SITE PLAN
SCALE: 1"=40'-0"

PRATER
Engineering Associates, Inc.
11111 W. 12th Street
Suite 100
Overland Park, KS 66211
Phone: (913) 794-4882
Fax: (913) 794-4883
www.pratereng.com

GENERAL NOTES

- COORDINATE WITH ALL UTILITY COMPANIES PRIOR TO REMOVAL, RELOCATION, OR INSTALLATION OF EXISTING AND NEW UTILITIES. PROVIDE ALL NECESSARY PERMITS AND INSURANCE. PROVIDE ALL NECESSARY SPECIFICATIONS AND EQUIPMENT SIZES.
- THE ELECTRICAL SITE PLAN DOES NOT SHOW ALL EXISTING UTILITIES. THE ELECTRICAL SITE PLAN IS BASED ON THE INFORMATION PROVIDED BY THE OWNER AND THE ELECTRICAL ENGINEER. THE ELECTRICAL ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE OWNER.
- COORDINATE WITH THE UTILITY COMPANY TO OBTAIN THE PRIMARY ELECTRICAL SERVICE AND CLEARANCE. PROVIDE ALL NECESSARY PERMITS AND INSURANCE. PROVIDE ALL NECESSARY SPECIFICATIONS AND EQUIPMENT SIZES.
- THE ELECTRICAL ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE OWNER.
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- THE ELECTRICAL ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE OWNER.
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- THE ELECTRICAL ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE OWNER.

CODED NOTES

- WALL MOUNT FURNITURE AT 24" ON CENTER.
- WALL MOUNT FURNITURE AT 24" ON CENTER.
- WALL MOUNT FURNITURE AT 24" ON CENTER.
- WALL MOUNT FURNITURE AT 24" ON CENTER.
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- WALL MOUNT FURNITURE AT 24" ON CENTER.
- WALL MOUNT FURNITURE AT 24" ON CENTER.
- WALL MOUNT FURNITURE AT 24" ON CENTER.

LINE TYPE LEGEND

USE THE INDICATED LINE TYPE FOR THE FOLLOWING EQUIPMENT/FEATURES TO BE PROVIDED:

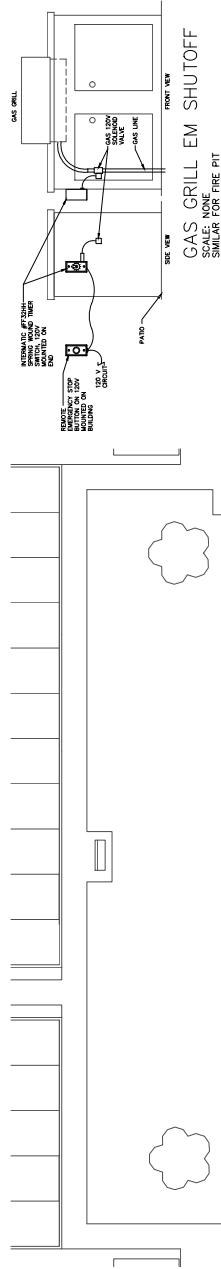
--- LINE TYPE INDICATED

NO.	DATE	CHANGE DESCRIPTION
1	06/07/2018	ADDITIONAL 10' OF 10' DIA. DUCT BANK
2	06/07/2018	ADDITIONAL 10' OF 10' DIA. DUCT BANK

THE FALLS ON REFUGEE ROAD
COLUMBUS, OHIO 43215
PHONE 614-481-4864

MOODY NOLAN
ELECTRICAL SITE PLAN
CERT. NO. FRM 0019475

05/01/2025
23446
E100
CD PROGRESS SET



GAS GRILL EM SHUTOFF
SCALE: NONE
SIMILAR FOR FIRE PIT

GENERAL NOTES

- [illegible]

CODED NOTES ON

- [illegible]

NE TYPE LEGEND

- LINE TYPE INDICATES NEW ELECTRICAL EQUIPMENT/DEVICES TO BE PROVIDED.
- LINE TYPE INDICATES BELOW GROUND ELECTRICAL WIRING

#	DATE	CHANGE DESCRIPTION
1	06/10/2023	APPENDUM# 01
2	06/25/2023	APPENDUM# 02

 **THE FALLS ON REFUGEE ROAD**
3550 REFUGEE ROAD, COLUMBUS, OH 43222
FOR
COLUMBUS


300 SPRUCE STREET
SUITE 300
COLUMBUS, OH 43215
PHONE: 614-461-4664

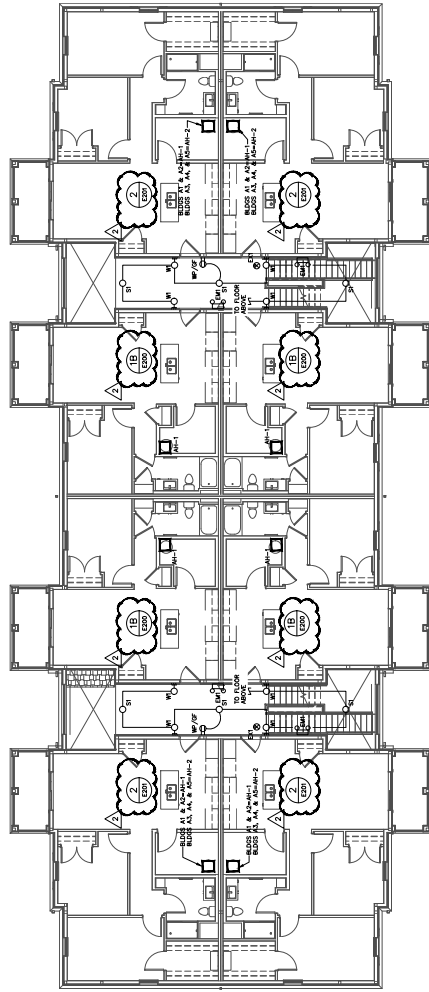
Moody Nolan
CERT. NO: FIRM 00197475

PLAYING TITLE: ELECTRICAL CLUBHOUSE PLAN

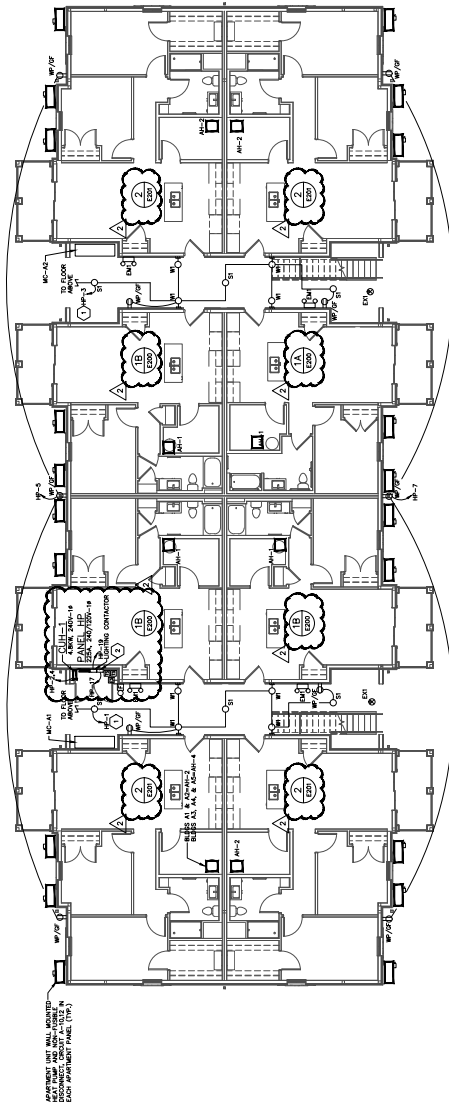
PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	E101
	CD PROGRESS SET

 ELECTRICAL CLUBHOUSE PLAN
SCALE: 1"=10'-0"

PRAATER Engineering Associates, Inc. 6150 Wilcox Road Dublin, Ohio 43016 (614) 766 4896 FAX: (614) 766 2354	DESIGNED BY R. RUSSELL	DRAWN BY N. RUSSELL	CHECKED BY —	JOB NO. 24217
	E101-24217.DWG			



LEVEL 02 ELECTRICAL PLAN - BUILDING A
SCALE 1/8"=1'-0"



LEVEL 01 ELECTRICAL PLAN - BUILDING A
SCALE 1/8"=1'-0"

GENERAL NOTES

- COORDINATE THE MOUNTING HEIGHT AND LOCATION OF THE ELECTRICAL SYMBOLS WITH THE ARCHITECTURAL DRAWINGS AND THE MECHANICAL DRAWINGS. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION.
- ALL EQUIPMENT LOCATED IN RATED WALLS SHALL BE THROUGH WALL MOUNTED. THE THROUGH WALL MOUNTED EQUIPMENT SHALL BE THROUGH WALL MOUNTED. THE THROUGH WALL MOUNTED EQUIPMENT SHALL BE THROUGH WALL MOUNTED.
- COORDINATE THE MOUNTING HEIGHT AND LOCATION OF THE ELECTRICAL SYMBOLS WITH THE ARCHITECTURAL DRAWINGS AND THE MECHANICAL DRAWINGS. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION.
- COORDINATE THE MOUNTING HEIGHT AND LOCATION OF THE ELECTRICAL SYMBOLS WITH THE ARCHITECTURAL DRAWINGS AND THE MECHANICAL DRAWINGS. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION.
- COORDINATE THE MOUNTING HEIGHT AND LOCATION OF THE ELECTRICAL SYMBOLS WITH THE ARCHITECTURAL DRAWINGS AND THE MECHANICAL DRAWINGS. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION.
- COORDINATE THE MOUNTING HEIGHT AND LOCATION OF THE ELECTRICAL SYMBOLS WITH THE ARCHITECTURAL DRAWINGS AND THE MECHANICAL DRAWINGS. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION.
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- COORDINATE THE MOUNTING HEIGHT AND LOCATION OF THE ELECTRICAL SYMBOLS WITH THE ARCHITECTURAL DRAWINGS AND THE MECHANICAL DRAWINGS. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION.

CODED NOTES Q

- THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION. THE ELECTRICAL SYMBOLS SHALL BE PLACED IN THE CORRECT LOCATION AND ORIENTATION.
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#	DATE	CHANGE DESCRIPTION
1	06/07/2025	REVISION 01
2	06/07/2025	REVISION 02

THE FALLS ON REFUGEE ROAD
COLUMBIAN ELECTRICITY
COLUMBIAN ELECTRICITY
COLUMBIAN ELECTRICITY

300 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864

Moody Nolan
CERT. NO. FRM 0019475

BUILDING A - LEVEL 01 & 02
ELECTRICAL PLANS

05/01/2025	23446	E101-A
PROGRESS	NOT FOR	CONSTRUCTION
CD PROGRESS SET		

The floor plan shows a symmetrical layout with a central vertical corridor and a horizontal corridor intersecting it. The building is divided into four quadrants. Each quadrant contains several rooms, including what appear to be offices or classrooms, and a central staircase. The rooms are labeled with numbers and letters, such as '1000', '1001', '1002', '1003', '1004', '1005', '1006', '1007', '1008', '1009', '1010', '1011', '1012', '1013', '1014', '1015', '1016', '1017', '1018', '1019', '1020', '1021', '1022', '1023', '1024', '1025', '1026', '1027', '1028', '1029', '1030', '1031', '1032', '1033', '1034', '1035', '1036', '1037', '1038', '1039', '1040', '1041', '1042', '1043', '1044', '1045', '1046', '1047', '1048', '1049', '1050', '1051', '1052', '1053', '1054', '1055', '1056', '1057', '1058', '1059', '1060', '1061', '1062', '1063', '1064', '1065', '1066', '1067', '1068', '1069', '1070', '1071', '1072', '1073', '1074', '1075', '1076', '1077', '1078', '1079', '1080', '1081', '1082', '1083', '1084', '1085', '1086', '1087', '1088', '1089', '1090', '1091', '1092', '1093', '1094', '1095', '1096', '1097', '1098', '1099', '1100'. The central staircase is located in the middle of the building, and the central corridor runs through the middle of the building. The rooms are arranged in a grid-like pattern, with the central corridor and staircase acting as the main access points. The plan also shows various doors, windows, and other architectural details.

LEVEL 03 ELECTRICAL PLAN - BUILDING A
SCALE: 1/8"=1'-0"

[illegible]

#	DATE	CHANGE DESCRIPTION
1	06/10/2025	ADDENDUM# 01
2	06/25/2025	ADDENDUM# 02

 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
EMERGENCY COMPASSION COLLABORATION

**THE FALLS ON REFUGEE
ROAD**
3305 REFUGEE ROAD, COLUMBUS, OH 43232
FOR
CMHA

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

Moody Nolan
CERT. NO.: FRM 00197474
DRAWING TITLE:
BUILDING A - LEVEL 03 & ROOF
ELECTRICAL PLANS

PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	E102-
	CD PROGRESS SET

[illegible]

1. **USE TWO LINES THROUGH EXTENSION LIGHTING PHOTOCELL AND**
ELECTRICAL CONTRACTOR FOR AUTOMATIC LIGHTING CONTROL.
TO PRECISION MULTIPLE #ST-15) AND COORDINATE FINAL
LOCATION. CHANGES BASED ON CONSTRUCTION
SCHEDULE. SHALL BE SUBMITTED TO THE ARCHITECT
FOR REVIEW. SET EXTENSION LIGHTING CONTROL DETAIL ON SHEET
E401 FOR MORE INFORMATION.
2. PROVIDE FIRE ALARM SPRINKLER MONITORING PANEL.
PROVIDE 2 PHONE LINES TO PANEL. COORDINATE
INSTALLATION WITH OWNER. REFER TO SPECIFICATIONS FOR

DATE	CHANGE DESCRIPTION
06/10/2025	ADDENDUM# 01
06/25/2025	ADDENDUM# 02

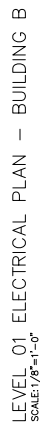
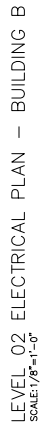


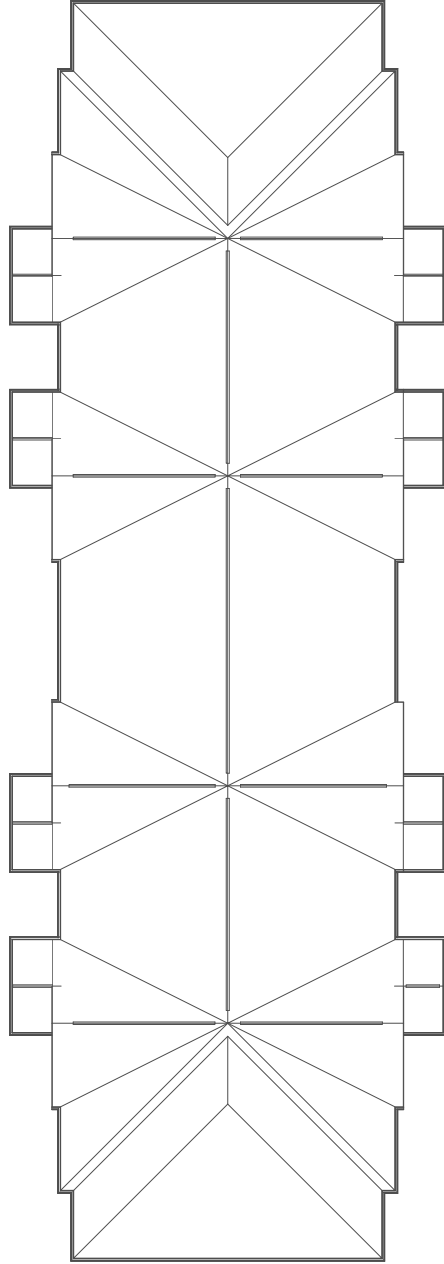
300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

Moody Nolan CERT. NO.: FRM 0019747
 WING TITLE:
 BUILDING B - LEVEL 01 & 02
 ELECTRICAL PLANS

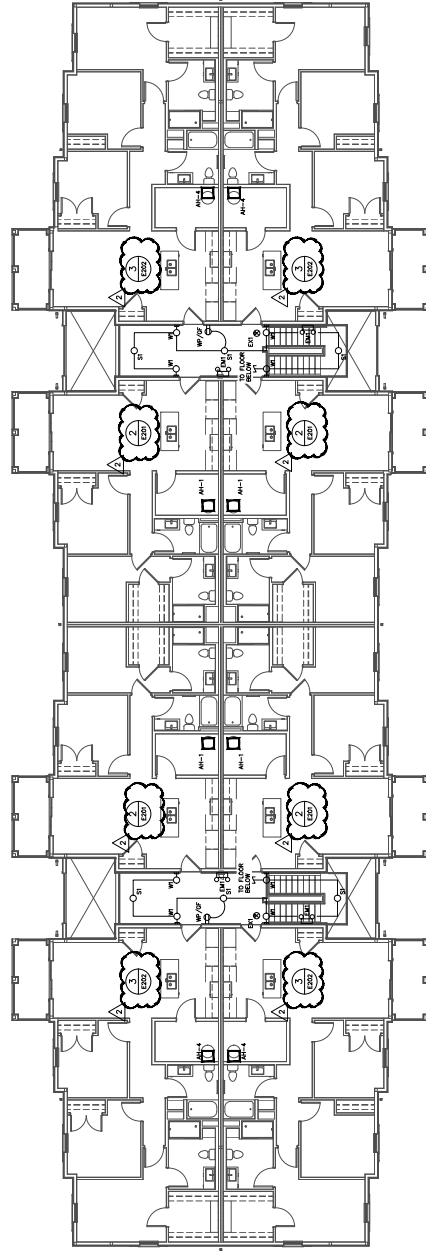
05/01/2025	
22/11/25	

PROGRESS
DRAWING
NOT FOR
CONSTRUCTION





ROOF ELECTRICAL PLAN – BUILDING B
SCALE: 1/8"=1'-0"



LEVEL 03 ELECTRICAL PLAN – BUILDING B
SCALE: 1/8"=1'-0"

GENERAL NOTES

- COORDINATE THE MOUNTING HEIGHT AND LOCATION OF THE ELECTRICAL PANELS WITH THE ARCHITECTURAL PLANS. THE ELECTRICAL PANELS SHALL BE MOUNTED ON THE WALLS AND NOT ON THE CEILING. THE ELECTRICAL PANELS SHALL BE MOUNTED ON THE WALLS AND NOT ON THE CEILING. THE ELECTRICAL PANELS SHALL BE MOUNTED ON THE WALLS AND NOT ON THE CEILING.
- ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OHIO ELECTRICAL CODE. THE ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OHIO ELECTRICAL CODE. THE ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OHIO ELECTRICAL CODE.
- COORDINATE ALL ELECTRICAL WORK WITH THE ARCHITECTURAL PLANS. THE ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OHIO ELECTRICAL CODE. THE ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OHIO ELECTRICAL CODE.
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- COORDINATE ALL ELECTRICAL WORK WITH THE ARCHITECTURAL PLANS. THE ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OHIO ELECTRICAL CODE. THE ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OHIO ELECTRICAL CODE.
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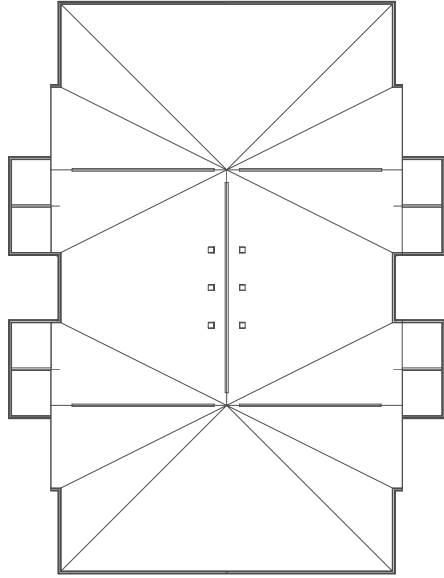
#	DATE	CHANGE DESCRIPTION
1	06/07/2025	REVISION 01
2	06/22/2025	REVISION 02

THE FALLS ON REFUGEE ROAD
COLUMBIAN UNIVERSITY
LEARNING AUTHORITY FOR CMHA

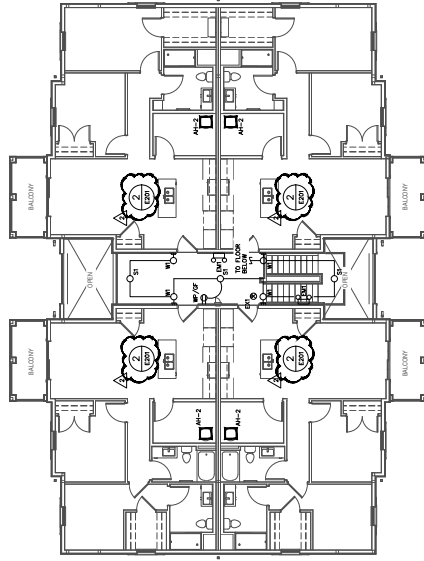
300 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864
CERT NO FRM 0019475

Moody Nolan
PROJECT FILE
BUILDING B - LEVEL 03 & ROOF
ELECTRICAL PLANS

05/01/2025	23446	E104-B	CD PROGRESS SET
PROGRESS	CONSTRUCTION	NOT FOR CONSTRUCTION	



ROOF ELECTRICAL PLAN – BUILDING C
SCALE: 1/8"=1'-0"



LEVEL 03 ELECTRICAL PLAN – BUILDING C
SCALE: 1/8"=1'-0"

GENERAL NOTES

- A. COORDINATE THE MOUNTING HEIGHT AND LOCATION OF THE ELECTRICAL PANELS WITH THE ARCHITECTURAL PLANS. THE ELECTRICAL PANELS SHALL BE MOUNTED ON THE WALLS AND SHALL BE ACCESSIBLE TO THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL PANELS DURING CONSTRUCTION.
- B. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE OHIO ELECTRICAL CODE. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS FROM THE LOCAL JURISDICTION.
- C. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL SYSTEMS DURING CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY DAMAGED ELECTRICAL SYSTEMS.
- D. COORDINATE ALL RECEIPTABLE AND SWITCH LOCATIONS IN THE ELECTRICAL PLANS WITH THE ARCHITECTURAL PLANS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL SYSTEMS DURING CONSTRUCTION.
- E. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL SYSTEMS DURING CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY DAMAGED ELECTRICAL SYSTEMS.
- F. PROVIDE A JUNCTION BOX FOR ALL CABLES, WIRING, AND ELECTRICAL EQUIPMENT. THE JUNCTION BOX SHALL BE MOUNTED ON THE WALLS AND SHALL BE ACCESSIBLE TO THE ELECTRICAL CONTRACTOR.
- G. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL SYSTEMS DURING CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY DAMAGED ELECTRICAL SYSTEMS.
- H. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL SYSTEMS DURING CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY DAMAGED ELECTRICAL SYSTEMS.
- I. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL SYSTEMS DURING CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY DAMAGED ELECTRICAL SYSTEMS.
- J. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL SYSTEMS DURING CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY DAMAGED ELECTRICAL SYSTEMS.
- K. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL SYSTEMS DURING CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY DAMAGED ELECTRICAL SYSTEMS.
- L. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE ELECTRICAL SYSTEMS DURING CONSTRUCTION. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ANY DAMAGED ELECTRICAL SYSTEMS.

#	DATE	CHANGE DESCRIPTION
1	06/07/2025	ADDITIONAL 2' OF ROOFING
2	06/22/2025	ADDITIONAL 2' OF ROOFING
3	06/22/2025	ADDITIONAL 2' OF ROOFING
4	06/22/2025	ADDITIONAL 2' OF ROOFING
5	06/22/2025	ADDITIONAL 2' OF ROOFING
6	06/22/2025	ADDITIONAL 2' OF ROOFING
7	06/22/2025	ADDITIONAL 2' OF ROOFING
8	06/22/2025	ADDITIONAL 2' OF ROOFING
9	06/22/2025	ADDITIONAL 2' OF ROOFING
10	06/22/2025	ADDITIONAL 2' OF ROOFING

THE FALLS ON REFUGEE ROAD
COMMUNITY DEVELOPMENT
READING AUTHORITY
COLUMBUS, OHIO 43222
COLUMBIAN COMMUNITY DEVELOPMENT

300 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864
CERT. NO. FPM 0019475

Moody Nolan
BUILDING C - LEVEL 03 & ROOF
ELECTRICAL PLANS

05/01/2025	23446	E106-C
PROGRESS	NOT FOR CONSTRUCTION	CD PROGRESS SET

POOL LIGHTING

CB-13

CB-17

CB-15

POOLCHINE FEEDER

CHEM. CONTROLLER

The floor plan shows the following rooms and areas:

- RECEPTION AREA**: Includes a RECEPTIONIST and a RECEPTION AREA.
- LABORATORY**: Includes a LABORATORY, a LABORATORY, and a LABORATORY.
- CONFERENCE ROOM**: Includes a CONFERENCE ROOM, a CONFERENCE ROOM, and a CONFERENCE ROOM.
- OFFICE**: Includes an OFFICE, an OFFICE, and an OFFICE.
- RESTROOM**: Includes a RESTROOM, a RESTROOM, and a RESTROOM.
- STORAGE**: Includes a STORAGE, a STORAGE, and a STORAGE.
- ENTRY**: Includes an ENTRY, an ENTRY, and an ENTRY.
- EXIT**: Includes an EXIT, an EXIT, and an EXIT.
- STAIRS**: Includes a STAIRS, a STAIRS, and a STAIRS.
- ELEVATOR**: Includes an ELEVATOR, an ELEVATOR, and an ELEVATOR.
- LOCKER**: Includes a LOCKER, a LOCKER, and a LOCKER.
- SHOWER**: Includes a SHOWER, a SHOWER, and a SHOWER.
- TOILET**: Includes a TOILET, a TOILET, and a TOILET.
- WATER**: Includes a WATER, a WATER, and a WATER.
- SEWER**: Includes a SEWER, a SEWER, and a SEWER.
- VENT**: Includes a VENT, a VENT, and a VENT.
- DOOR**: Includes a DOOR, a DOOR, and a DOOR.
- WINDOW**: Includes a WINDOW, a WINDOW, and a WINDOW.
- FLOOR**: Includes a FLOOR, a FLOOR, and a FLOOR.
- CEILING**: Includes a CEILING, a CEILING, and a CEILING.
- WALL**: Includes a WALL, a WALL, and a WALL.
- FURNITURE**: Includes a FURNITURE, a FURNITURE, and a FURNITURE.
- EQUIPMENT**: Includes an EQUIPMENT, an EQUIPMENT, and an EQUIPMENT.
- TOOL**: Includes a TOOL, a TOOL, and a TOOL.
- MEASUREMENT**: Includes a MEASUREMENT, a MEASUREMENT, and a MEASUREMENT.
- ANALYSIS**: Includes an ANALYSIS, an ANALYSIS, and an ANALYSIS.
- REPORT**: Includes a REPORT, a REPORT, and a REPORT.
- ARCHIVE**: Includes an ARCHIVE, an ARCHIVE, and an ARCHIVE.
- LIBRARY**: Includes a LIBRARY, a LIBRARY, and a LIBRARY.
- CLERK**: Includes a CLERK, a CLERK, and a CLERK.
- RECEPTIONIST**: Includes a RECEPTIONIST, a RECEPTIONIST, and a RECEPTIONIST.
- LABORATORY**: Includes a LABORATORY, a LABORATORY, and a LABORATORY.
- CONFERENCE ROOM**: Includes a CONFERENCE ROOM, a CONFERENCE ROOM, and a CONFERENCE ROOM.
- OFFICE**: Includes an OFFICE, an OFFICE, and an OFFICE.
- RESTROOM**: Includes a RESTROOM, a RESTROOM, and a RESTROOM.
- STORAGE**: Includes a STORAGE, a STORAGE, and a STORAGE.
- ENTRY**: Includes an ENTRY, an ENTRY, and an ENTRY.
- EXIT**: Includes an EXIT, an EXIT, and an EXIT.
- STAIRS**: Includes a STAIRS, a STAIRS, and a STAIRS.
- ELEVATOR**: Includes an ELEVATOR, an ELEVATOR, and an ELEVATOR.
- LOCKER**: Includes a LOCKER, a LOCKER, and a LOCKER.
- SHOWER**: Includes a SHOWER, a SHOWER, and a SHOWER.
- TOILET**: Includes a TOILET, a TOILET, and a TOILET.
- WATER**: Includes a WATER, a WATER, and a WATER.
- SEWER**: Includes a SEWER, a SEWER, and a SEWER.
- VENT**: Includes a VENT, a VENT, and a VENT.
- DOOR**: Includes a DOOR, a DOOR, and a DOOR.
- WINDOW**: Includes a WINDOW, a WINDOW, and a WINDOW.
- FLOOR**: Includes a FLOOR, a FLOOR, and a FLOOR.
- CEILING**: Includes a CEILING, a CEILING, and a CEILING.
- WALL**: Includes a WALL, a WALL, and a WALL.
- FURNITURE**: Includes a FURNITURE, a FURNITURE, and a FURNITURE.
- EQUIPMENT**: Includes an EQUIPMENT, an EQUIPMENT, and an EQUIPMENT.
- TOOL**: Includes a TOOL, a TOOL, and a TOOL.
- MEASUREMENT**: Includes a MEASUREMENT, a MEASUREMENT, and a MEASUREMENT.
- ANALYSIS**: Includes an ANALYSIS, an ANALYSIS, and an ANALYSIS.
- REPORT**: Includes a REPORT, a REPORT, and a REPORT.
- ARCHIVE**: Includes an ARCHIVE, an ARCHIVE, and an ARCHIVE.
- LIBRARY**: Includes a LIBRARY, a LIBRARY, and a LIBRARY.
- CLERK**: Includes a CLERK, a CLERK, and a CLERK.
- RECEPTIONIST**: Includes a RECEPTIONIST, a RECEPTIONIST, and a RECEPTIONIST.

PRATER
Engineering Associates, Inc.
6130 Wilcox Road
Dublin, Ohio 43016
(614) 766 4896
FAX: (614) 766 2354

DESIGNED BY	DRAWN BY	CHECKED BY	JOB NO.
			100000

[illegible]

1. THE CONTRACTOR SHALL PROVIDE PHOTOLOGS AND LOGS OF ELECTRICAL WORK TO THE PROJECT MANAGER AND THE PROJECT ELECTRICAL CONTRACTOR SHALL PROVIDE PHOTOLOGS (EQUAL TO THE PHOTOLOGS PROVIDED BY THE PROJECT MANAGER) TO THE PROJECT ELECTRICAL CONTRACTOR. THE PHOTOLOGS SHALL BE MOUNTED HIGH ON ROOF AND IN A VISIBLE LOCATION.
2. THE CONTRACTOR SHALL PROVIDE AN IN-PLANTMENT UNIT PANEL ON THE ROOF OF THE BUILDING. THE PANEL SHALL BE MOUNTED HIGH ON ROOF AND IN A VISIBLE LOCATION.
3. THE CONTRACTOR SHALL PROVIDE A PHOTOLOG OF THE IN-PLANTMENT UNIT PANEL ON THE ROOF OF THE BUILDING. THE PHOTOLOG SHALL BE MOUNTED HIGH ON ROOF AND IN A VISIBLE LOCATION.
4. THE CONTRACTOR SHALL PROVIDE A PHOTOLOG OF THE IN-PLANTMENT UNIT PANEL ON THE ROOF OF THE BUILDING. THE PHOTOLOG SHALL BE MOUNTED HIGH ON ROOF AND IN A VISIBLE LOCATION.
5. THE CONTRACTOR SHALL PROVIDE A PHOTOLOG OF THE IN-PLANTMENT UNIT PANEL ON THE ROOF OF THE BUILDING. THE PHOTOLOG SHALL BE MOUNTED HIGH ON ROOF AND IN A VISIBLE LOCATION.

#	DATE	CHANGE DESCRIPTION
1	06/10/2025	ADDENDUM# 01
2	06/25/2025	ADDENDUM# 02



 COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMUNITY DEVELOPMENT COLUMBUS, OH
3355 REFUGEE ROAD, COLUMBUS, OH 43222
FOR
CMHA

300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215

Moody Nolan

DRAWING TITLE:
**BUILDING D - LEVEL 01 & 02
ELECTRICAL PLANS**

05/01/2025	
23446	05/01/2025

PROGRESS
DRAWING
NOT FOR
CONSTRUCTION

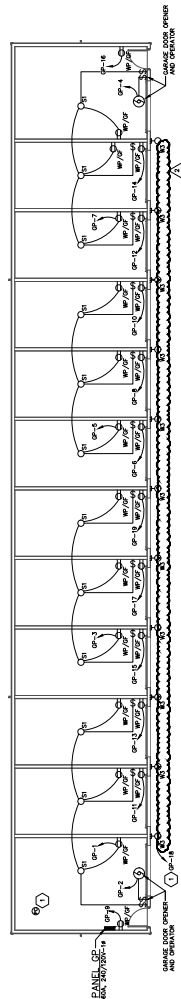
CO PROGRESS SET

GENERAL NOTES

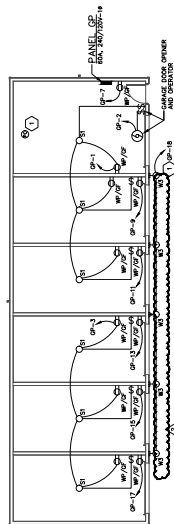
- A. BRANCH CIRCUITS HOMERUNS TO BE IN MC CONDUIT.
- B. ALL EXPOSED CONDUIT IN ROOMS HAVING NO CEILING/EXPOSED STRUCTURE TO BE MC CONDUIT RUN MINIMUM OF 1.5" BELOW ROOF.
- C. ALL BRANCH CIRCUIT CONDUCTORS/RACEWAY SHALL BE IN MC BACK TO SOURCE PANELBOARD.

CODED NOTES ○

1. RUN CIRCUIT THROUGH EXTERIOR PHOTOCELL FOR AUTOMATIC CONTROL. PROVIDE EXTERIOR LIGHTING PHOTOCELL TO CONTROL EXTERIOR FIXTURES, EQUAL TO PRECISION 467-15. MOUNT HIGH ON THE NORTH SIDE OF THE BUILDING FOR MAXIMUM EXPOSURE TO SUN AND OUT OF SITE FROM PUBLIC. COORDINATE FINAL



LEVEL 01 ELECTRICAL PLAN - GARAGE G2
SCALE: 1/8"=1'-0"



LEVEL 01 ELECTRICAL PLAN - GARAGE G1
SCALE: 1/8"=1'-0"

#	DATE	CHANGE DESCRIPTION
1	06/10/2025	ADDENDUM# 01
2	06/25/2025	ADDENDUM# 02

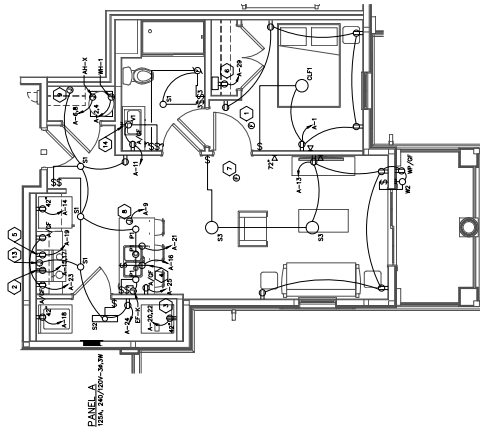
 **THE FALLS ON REFUGEE
ROAD**
3559 REFUGEE ROAD, COLUMBUS, OH 43232
FOR **CMHA**
CHARTERED CHAIRMAN, COLUMBUS


300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-6664

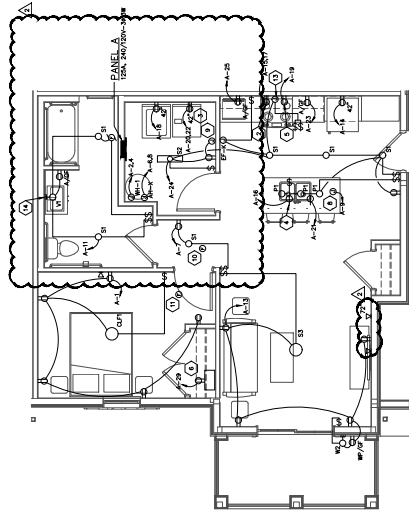
Moody Nolan

DRAWING TITLE:
**GARAGE BUILDING
ELECTRICAL PLANS**

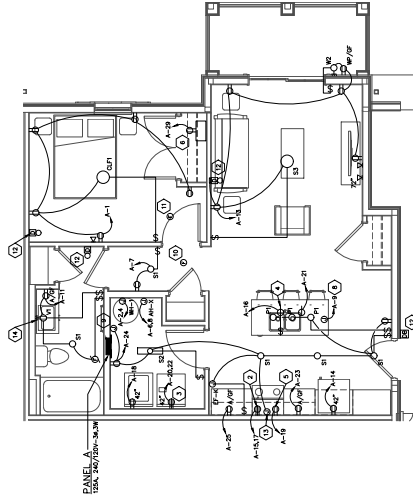
PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	E-108
	CD PROGRESS SET



1 BEDROOM CLUBHOUSE
ELECTRICAL UNIT PLAN
SCALE: 1/4"=1'-0"



1 BEDROOM ANSI TYPE A
ELECTRICAL UNIT PLAN
SCALE: 1/4"=1'-0"



1 BEDROOM ANSI TYPE B
ELECTRICAL UNIT PLAN
SCALE: 1/4"=1'-0"

- GENERAL NOTES**
- COORDINATE EXISTING LOCATION OF ALL LIGHT FIXTURES WITH EXISTING ELECTRICAL SYSTEM.
 - ELECTRICAL CONTRACTOR SHALL VERIFY ALL NEW AND EXISTING WIRING IS IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - ALL NEW WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES. ALL NEW WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE GFI TYPE RECEPTACLES IN ALL KITCHENS, BATHS, AND LAUNDRY AREAS. ALL RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - COORDINATE ALL RECEPTACLE LOCATIONS WITH ARCHITECTURAL PLAN. ALL RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - ALL NEW WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES. ALL NEW WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - COORDINATE ALL RECEPTACLE LOCATIONS WITH ARCHITECTURAL PLAN. ALL RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - COORDINATE ALL RECEPTACLE LOCATIONS WITH ARCHITECTURAL PLAN. ALL RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - COORDINATE ALL RECEPTACLE LOCATIONS WITH ARCHITECTURAL PLAN. ALL RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - COORDINATE ALL RECEPTACLE LOCATIONS WITH ARCHITECTURAL PLAN. ALL RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.

- CODED NOTES**
- STANDING MOUNTED SINGLE RECEPTACLE, 120V, 15A, 1-PHASE, 3-WIRE, 30-20 AMP, 120V, 200/100-30-20. ALL RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
 - STANDING MOUNTED SINGLE RECEPTACLE, 120V, 15A, 1-PHASE, 3-WIRE, 30-20 AMP, 120V, 200/100-30-20. ALL RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
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 - STANDING MOUNTED SINGLE RECEPTACLE, 120V, 15A, 1-PHASE, 3-WIRE, 30-20 AMP, 120V, 200/100-30-20. ALL RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES.
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THE FALLS ON REFUGEE ROAD

COMMUNITY DEVELOPMENT
COLUMBUS, OHIO 43222

CMHA

300 SPRING STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE 614-481-4864

Moody Nolan
CERT. NO. FRM 0019475

PROGRESS
CONSTRUCTION
NOT FOR
CONSTRUCTION

E-200

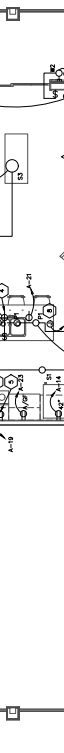
CD PROGRESS SET

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Engineering Associates, Inc.

1111 N. Wilson Road
Columbus, OH 43222
PHONE 614-481-4864
FAX 614-481-4864
WWW.PRATER-INC.COM

-

-
- 2 BEDROOM 2 BA
ELECTRICAL UNIT PLAN
SCALE: 1/4"=1'-0"



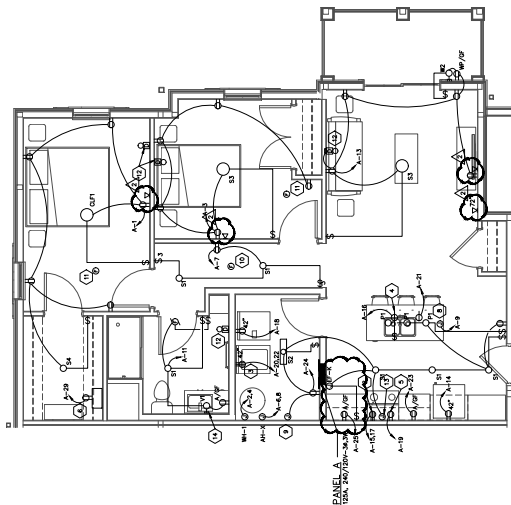
This architectural floor plan shows the layout of the first floor. It includes a large central hall with a staircase, several rooms of varying sizes, and a kitchen area. The plan is oriented with the entrance at the top. The drawing is a black and white line drawing, typical of architectural blueprints.

28
150

2 BEDROOM ANSI TYPE B
ELECTRICAL UNIT PLAN

SCALE: 1/4"=1'-0"

2 BEDROOM ANSI TYPE B
ELECTRICAL UNIT PLAN
SCALE: 1/4"=1'-0"



**CONDUIT & WIRE SCHEDULE
BRANCH CIRCUITS**

WIRE SIZE	AIR-INSULATED	WIRE-GROUND	WIRE-INSULATED	WIRE-GROUND
15A	1/2" O.D.	3/4" CONDUIT	1/2" O.D.	3/4" CONDUIT
20A	5/8" O.D.	1" CONDUIT	5/8" O.D.	1" CONDUIT
25A	3/4" O.D.	1 1/4" CONDUIT	3/4" O.D.	1 1/4" CONDUIT
30A	7/8" O.D.	1 1/2" CONDUIT	7/8" O.D.	1 1/2" CONDUIT
35A	1" O.D.	1 3/4" CONDUIT	1" O.D.	1 3/4" CONDUIT
40A	1 1/8" O.D.	2" CONDUIT	1 1/8" O.D.	2" CONDUIT
45A	1 1/4" O.D.	2 1/4" CONDUIT	1 1/4" O.D.	2 1/4" CONDUIT
50A	1 1/2" O.D.	2 1/2" CONDUIT	1 1/2" O.D.	2 1/2" CONDUIT
60A	1 3/4" O.D.	3" CONDUIT	1 3/4" O.D.	3" CONDUIT
70A	2" O.D.	3 1/2" CONDUIT	2" O.D.	3 1/2" CONDUIT
80A	2 1/4" O.D.	4" CONDUIT	2 1/4" O.D.	4" CONDUIT
90A	2 1/2" O.D.	4 1/2" CONDUIT	2 1/2" O.D.	4 1/2" CONDUIT
100A	2 3/4" O.D.	5" CONDUIT	2 3/4" O.D.	5" CONDUIT

NOTES:
 1. SIZE BASED UPON 75° C. TEMPERATURE RATING OF CONDUIT.
 2. PROVIDE CONDUIT FOR EACH CABLE, MULTIPLE CABLES AS NOTED.
 3. BRANCH CIRCUIT BREAKERS SHALL MATCH CIRCUIT BREAKER/FAUSE SIZE.
 4. VOLTAGE DROP - 120V, 20A BRANCH CIRCUIT (SEE 404)
 5. 120V FROM PT. TO 100 FT. 1.2%
 6. 120V FROM PT. TO 150 FT. 1.8%
 7. 120V FROM PT. TO 200 FT. 2.4%

FEEDER SCHEDULE

C.B. OR FUSE SIZE	FEEDER SIZE
225 AMP	(2) EMPTY 4" CONDUITS UNDERGROUND SERVICE CABLE BY KEF (2) EMPTY 2" CONDUITS COORDINATE WITH AEP (2) EMPTY 2" CONDUITS COORDINATE WITH AEP
60 AMP	3 - 300 MCML ALUMINUM + 2 - 2.5" CUI - 1.25" 3 - #3 CUI + #8 CUI - 1.25"

GENERAL NOTES

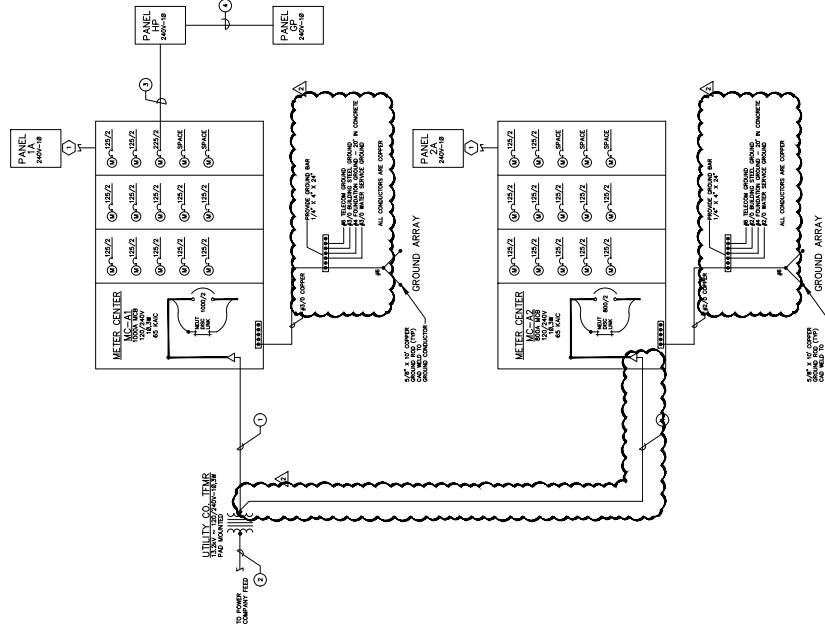
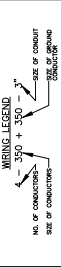
A. COMPACT ALUMINUM MAY BE USED FOR PANEL FEEDERS WHERE APPROVED BY OWNER IN VE DISCUSSIONS. EC SHALL SIZE FEEDER WIRING AND CONDUIT AS NECESSARY TO MATCH BASIS OF DESIGN COPPER AMP'S, AND SHALL COORDINATE ALL EQUIPMENT LUG SIZES WITH MANUFACTURER TO ENSURE PROPER FIT.

CODED

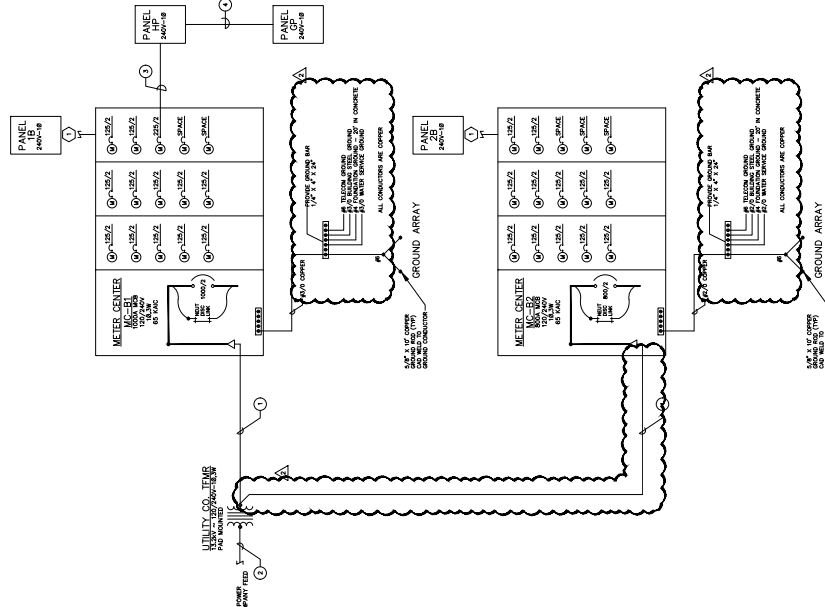
1. PROVIDE A FEEDER TO EACH APARTMENT. SEE APARTMENT FEEDER NOTES ON THIS SHEET.

APARTMENT FEEDERS

1. ALL 125 AMP APARTMENTS FEEDERS UNDER 150' IN LENGTH SHALL BE FED WITH (2) #1/0 ALUM WITH (1) #4 ALUM GROUND SER. CABLE.
2. ALL 125 AMP APARTMENT FEEDERS BETWEEN 150' AND 200' IN LENGTH SHALL BE FED WITH (3) #2/0 ALUM WITH (1) #4 ALUM GROUND SER. CABLE.
3. ALL 100 AMP APARTMENT FEEDERS UNDER 150' IN LENGTH SHALL BE FED WITH (3) #2/0 ALUM WITH (1) #4 ALUM GROUND SER. CABLE.
4. ALL 100 AMP APARTMENT FEEDERS BETWEEN 150' AND 200' IN LENGTH SHALL BE FED WITH (3) #2/0 ALUM WITH (1) #4 ALUM GROUND SER. CABLE.



TYPICAL BUILDING A
ELECTRICAL ONE-LINE DIAGRAM
SCALE: NONE



TYPICAL BUILDING B
ELECTRICAL ONE-LINE DIAGRAM
SCALE: NONE

#	DATE	CHANGE DESCRIPTION
1	06/10/2025	ADDENDUM 01
2	06/25/2025	ADDENDUM 02

 **COLUMBUS METROPOLITAN
HOUSING AUTHORITY**
COMMUNITY DEVELOPMENT COLUMBUS, OH

**THE FALLS ON REFUGEE
ROAD**
3366 REFUGEE ROAD, COLUMBUS, OH 43232
FOR **CMHA**



300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 43215
PHONE: 614-461-4664

Moody Nolan CERT. NO.: FIRM 0019747

DRAWING TITLE:

ELECTRICAL ONE-LINE DIAGRAMS

PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	E-300
	CD PROGRESS SET

**CONDUIT & WIRE SCHEDULE
BRANCH CIRCUITS**

WIRE SIZE	1/2" CONDUIT	3/4" CONDUIT	1" CONDUIT	1 1/2" CONDUIT
15A	1/2" O.D.	3/4" O.D.	1" O.D.	1 1/2" O.D.
20A	1/2" O.D.	3/4" O.D.	1" O.D.	1 1/2" O.D.
25A	1/2" O.D.	3/4" O.D.	1" O.D.	1 1/2" O.D.
30A	1/2" O.D.	3/4" O.D.	1" O.D.	1 1/2" O.D.
35A	1/2" O.D.	3/4" O.D.	1" O.D.	1 1/2" O.D.
40A	1/2" O.D.	3/4" O.D.	1" O.D.	1 1/2" O.D.
45A	1/2" O.D.	3/4" O.D.	1" O.D.	1 1/2" O.D.
50A	1/2" O.D.	3/4" O.D.	1" O.D.	1 1/2" O.D.

NOTES: 1. BASED UPON 750K CONDUCTOR BARS, 1/2" CONDUIT
2. CONDUCTOR BARS SHALL BE 1/2" THICK, 1/2" HIGH, 1/2" WIDE
3. PROVIDE CIRCUIT BREAKING SHALL MATCH CIRCUIT BREAKER/PIZE SIZE
4. CONDUCTOR CIRCUIT BREAKING SHALL MATCH CIRCUIT BREAKER/PIZE SIZE
5. VOLTAGE DROP - 750K, 250A BRANCH CIRCUITS (SEE 400)
6. FROM 15A TO 150A
7. FROM 15A TO 150A

FEEDER SCHEDULE

SOL.	C.B. OR FUSE SIZE	FEEDER SIZE
1		1. 100% OF CONDUITS 2. 500 KCMIL. ALL. BY AEP COORDINATE WITH AEP
2		1. 100% OF CONDUITS 2. 500 KCMIL. ALL. BY AEP COORDINATE WITH AEP
3	225 AMP	3 = 500 KCMIL. ALL. + 2 = 2.5"
4	600 AMP	2. SETS OF (3 = 500 KCMIL. ALL. + 2/0 = 4")
5	60 AMP	3 = #3 COL. + #6 COL. = 1.25"

APARTMENT FEEDERS

1. ALL 125 AMP APARTMENT FEEDERS UNDER 150' IN LENGTH SHALL BE FED WITH (3) #1/0 ALUM WITH (1) #4 ALUM GROUND SBR CABLE.
2. ALL 125 AMP APARTMENT FEEDERS BETWEEN 150' AND 200' IN LENGTH SHALL BE FED WITH (3) #2/0 ALUM WITH (1) #4 ALUM GROUND SBR CABLE.
3. ALL 150 AMP APARTMENT FEEDERS UNDER 150' IN LENGTH SHALL BE FED WITH (3) #2/0 ALUM WITH (1) #4 ALUM GROUND SBR CABLE.
4. ALL 150 AMP APARTMENT FEEDERS BETWEEN 150' AND 200' IN LENGTH SHALL BE FED WITH (3) #2/0 ALUM WITH (1) #4 ALUM GROUND SBR CABLE.

GENERAL NOTES

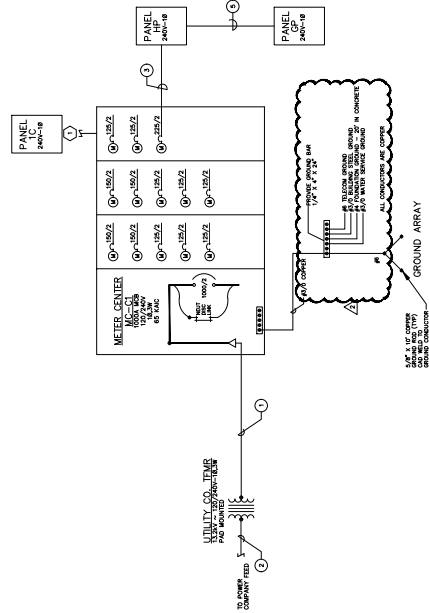
A. COMPACT ALUMINUM MAY BE USED FOR PANEL FEEDERS WHERE APPROVED BY OWNER IN WRITTEN DISCUSSIONS. EC SHALL SIZE FEEDER WIRING AND CONDUIT AS NECESSARY TO MATCH BASES OF DESIGN COPPER AMPS, AND SHALL COORDINATE ALL EQUIPMENT LUG SIZES WITH MANUFACTURER TO ENSURE PROPER FIT.

COD

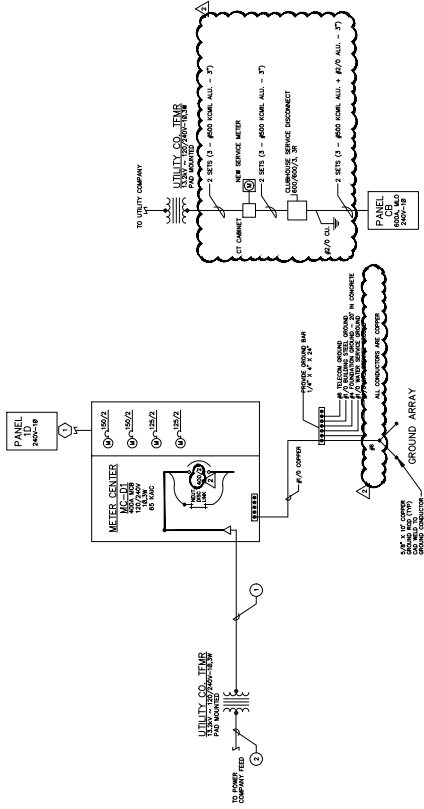
1. PROVIDE A FEEDER TO EACH APARTMENT. SEE APARTMENT FEEDER NOTES ON THIS SHEET.

APARTMENT FEEDERS

1. ALL 125 AMP APARTMENT FEEDERS UNDER 150' IN LENGTH SHALL BE FED WITH (3) #1/0 ALUM WITH (1) #4 ALUM GROUND SBR CABLE.
2. ALL 125 AMP APARTMENT FEEDERS BETWEEN 150' AND 200' IN LENGTH SHALL BE FED WITH (3) #2/0 ALUM WITH (1) #4 ALUM GROUND SBR CABLE.
3. ALL 150 AMP APARTMENT FEEDERS UNDER 150' IN LENGTH SHALL BE FED WITH (3) #2/0 ALUM WITH (1) #4 ALUM GROUND SBR CABLE.
4. ALL 150 AMP APARTMENT FEEDERS BETWEEN 150' AND 200' IN LENGTH SHALL BE FED WITH (3) #2/0 ALUM WITH (1) #4 ALUM GROUND SBR CABLE.



TYPICAL BUILDING C
ELECTRICAL ONE-LINE DIAGRAM
SCALE: NONE



CLUBHOUSE
ELECTRICAL ONE-LINE DIAGRAM
SCALE: NONE

#	DATE	CHANGE DESCRIPTION
1	06/10/2025	ADDENDUM 01
2	06/25/2025	ADDENDUM 02



 **THE FALLS ON REFUGEE
ROAD**
3366 REFUGEE ROAD, COLUMBUS, OH 43222
FOR
CMHA
COLUMBUS METROPOLITAN
HOUSING AUTHORITY
COMMUNITY COOPERATIVE COLLABORATIVE




300 SPRUCE STREET
SUITE 300
COLUMBUS, OHIO 432
PHONE: 614-461-4664

Moody Nolan

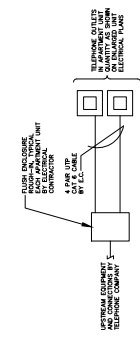
ELECTRICAL ONE-LINE DIAGRAMS

PROGRESS DRAWING NOT FOR CONSTRUCTION	05/01/2025
	23446
	E-301
	CD PROGRESS SET

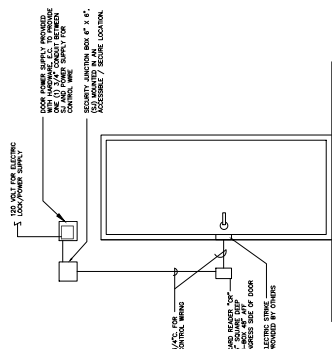
E-309-24217 DMDC

PRAATER
Engineering Associates, Inc.

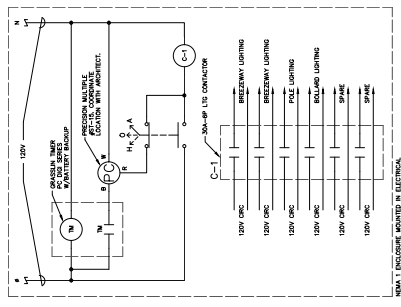
6130 Wilcox Road Dublin, Ohio 43016	DECISION BY N. BRUNO J.	DRAWN BY N. BRUNO J.	CHECKED BY	JOB NO./ SHEET	(614) 766 4899 FAX: (614) 766 2355
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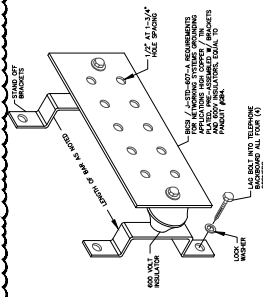
APARTMENT TELECOM WIRING DIAGRAM
SCALE: NONE



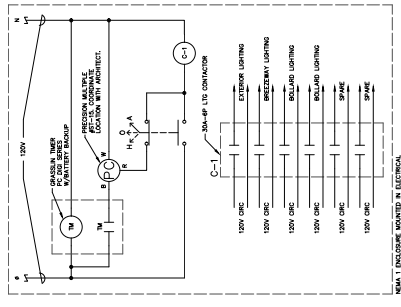
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ACCESS CONTROL DOOR ELEVATION
REFER TO MONITORING SHEETS FOR DOOR LOCATIONS AND ROOM-IN LOCATIONS.
REFER TO MONITORING SHEETS FOR DOOR LOCATIONS AND ROOM-IN LOCATIONS.
REFER TO MONITORING SHEETS FOR DOOR LOCATIONS AND ROOM-IN LOCATIONS.



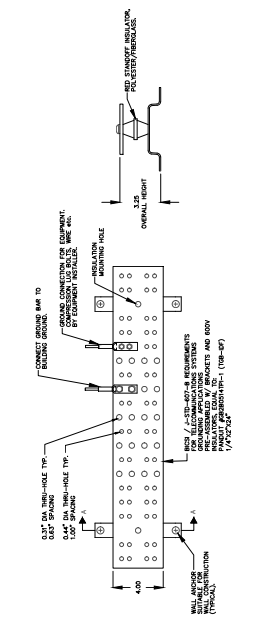
EXTERIOR LIGHTING CONTROL DIAGRAM
SCALE: NONE



GROUNDING BAR DETAIL
SCALE: 1/8\"/>



EXTERIOR CLUBHOUSE LIGHTING CONTROL DIAGRAM
SCALE: NONE



GROUNDING
BUS DETAIL TMGB & TGB
SCALE: NONE

#	DATE	CHANGE DESCRIPTION
1	06/27/2025	REVISION 1
2	06/27/2025	REVISION 2

THE FALLS ON REFUGEE ROAD
COLUMBUS, OHIO 43215
PHONE 614-481-4864

Moody Nolan
CERT. NO. FRM 0019475

PROGRESS
NOT FOR
CONSTRUCTION

05/01/2025
23446
E-401
CD PROGRESS SET