



DESIGN REVIEW BOARD AUGUST 15, 2025

ALPHARETTA CITY HALL
COUNCIL CHAMBERS
2 PARK PLAZA
9:00 AM

1. MEETING ANNOUNCEMENTS

Today's Design Review Board meeting will commence at 8:30 a.m. and a break is scheduled at 12:00 p.m. The meeting will resume at 12:30 p.m.

2. WORK SESSION ITEMS

3. CALL TO ORDER

4. ROLL CALL

5. PLEDGE TO THE FLAG

6. ITEMS FROM STAFF

7. ITEMS FROM BOARD MEMBERS

1. DRB Meeting Minutes of July 18, 2025

8. PUBLIC HEARING

1. DRB250020 MPT LLP 178 South Main St
review signage
2. DRB250027 Super Golden Buffet 915 North Point Dr
review new addition
3. DRB25230045 Continuum Alpharetta 5555 Windward Pky
review streetscape plans
4. DRB250028 Ashton Atlanta Res (Continuum Residential)
review new development exterior plans

9. ADJOURNMENT



DESIGN REVIEW BOARD

UNOFFICIAL MINUTES

JULY 18, 2025

ALPHARETTA CITY HALL

COUNCIL CHAMBERS

2 PARK PLAZA

9:00 AM

1. MEETING ANNOUNCEMENTS

Today's Design Review Board meeting will commence at 8:30 a.m. and a break is scheduled at 12:00 p.m. The meeting will resume at 12:30 p.m.

2. WORK SESSION ITEMS

DRB discussed today's Agenda items.

3. CALL TO ORDER

4. ROLL CALL

- **Design Review Board Members present:**

- o Richard Kramer (Chair)
- o Frank Schwing (Vice Chair)
- o Erik Rowen
- o Pat Corkill
- o Jennifer Sprayberry
- o Tom Le Cain

- **Staff Present:**

- o Bret Schroeder, Code Enforcement Manager
- o Elle Taylor, Planning + Zoning Coordinator
- o George Doyle, Transportation Engineer

5. PLEDGE TO THE FLAG

6. ITEMS FROM STAFF

7. ITEMS FROM BOARD MEMBERS

1. DRB Meeting Minutes of June 20, 2025

❖ Vice-Chair Schwing offered a motion to approve.

- Board Member Rowen seconded the motion.
- Motion carried (6-0-).

8. PUBLIC HEARING

1. Public Hearing Procedure

2. DRB250024 Parrish Construction 7905 Westside Parkway

Applicant presented consideration of exterior improvements. The property is located at 7905 Westside Pky and is legally described as being in Land Lot 0751, 1st District, 2nd Section, Fulton County, Georgia.

- Showed HQ Building in Perry, GA.
- Presented Color Samples.
- Intent is to Paint Existing Brick.
- Presented Existing & Proposed Elevations.
- There will be 2 signs.
- Site Plan.
- Sample of Metal Panels.

There was discussion from the Board:

- Gray theme is whitewashing the building, taking away the architectural character. (Different color banding, precast sills, emblems)
- Not paint everything.
- Monolithic Look. Doesn't express hierarchy, focal point or interests.
- Need to add more interest to the façade.
- Consider adding materials on the stark elevations. Color changes are too stark and patchy.
- Create more interest in the building.
- Water table is not visible due to landscaping.

There was no public comment

- ❖ Vice-Chair Schwing offered a motion to defer for the Applicant to consider comments from today and come back with alternative elevations that have more variety and visual interest.
 - Board Member Corkill seconded the motion.
 - Motion carried (6-0).

3. DRB250025 Omni Med Spa 11760 Haynes Bridge Rd

Applicant presented consideration of new signage. The property is located at 11760 Haynes Bridge Rd and is legally described as being in Land Lots 0695 and 0696, 1st District, 2nd Section, Fulton County, Georgia.

- Showed Florida Location Sign.
- Did not have color samples.
- Proposed Sign similar to Logo.
- Proposed Subway Green or Ivy Green color.
- White Background w green letters or Black background with white letters.

There was no public comment.

After discussion:

- ❖ Vice-Chair Schwing offered a motion to approve the building sign as follows
- ❖ Applicant will use the existing Morgan & Morgan sign background in the two tone, the word "OMNI" will be in the Subway Green color, the word "MEDSPA" will be in White, all letters of the same height.
 - Board Member Le Cain seconded the motion.
 - Motion carried (6-0).

4. DRB250026 Mattress Warehouse 7301 North Point Pkwy

Applicant presented consideration of exterior changes and signage. The property is located at 7301 North Point Pkwy and is legally described as being in Land Lots 0687, 0686 and 0654, 1st District, 2nd Section, Fulton County, Georgia.

- Architectural Elements and Colors.
- No samples were provided.
- Leaving Water Table.
- Replace Existing gooseneck lighting.
- Floor Plan..
- Ceiling Plan.
- Roof Plan.
- South Elevation – Faces Westside Pky.
- Existing Brick to be painted per Northpoint Overlay Guidelines.
- Dumpster Enclosure to be refinished w composite material.
- Freshening Up Landscaping.
- Parking lot trees will be replaced.

There was discussion from the Board:

- Visibility of rooftop units.
- Dumpster Enclosure screening.
- Tree species.
- Relocation of tree.
- Gooseneck Lighting.

- ❖ Board Member Rowen offered a motion to approve the exterior elevations and materials as presented with the following conditions:
 1. Applicant will patch previous sign holes that exist in the masonry
 2. The Applicant will remove the existing gooseneck lighting fixtures and patch all holes with the intent to provide Halo Lit Lighting on future signage submissions
 3. The existing HVAC unit which is visible from the street from the parking lot will be removed,
 4. All standing seam roof will be painted black in lieu of the presented " Cityscape" Sherwin Williams color, t
 5. The dumpster gates will be changed to a composite material with the color to match Sherwin Williams "Cityscape" color.
 - Board Member Sprayberry seconded the motion.
 - Motion carried (6-0).

- ❖ Board Member Sprayberry offered a motion to approve the landscape with the following considerations that the Ruby Lorepetalum along the trash enclosure that is proposed be swapped out for possibly an Emerald Green Arborvitae or another material that will screen the enclosure a little better, if any of the existing trees that are proposed to be relocated fail, they shall be replaced, also any existing landscape material to remain that is damaged during construction shall be replaced
 - Board Member Corkill seconded the motion.
 - Motion carried (6-0).

5. DRB230045 Continuum Alpharetta

Applicant presented monument signage and landscape for new development. The property is located at 5555 Windward Pkwy and is legally described as being located in Land Lot 1186,1187,1190 & 1191 2nd District, 2nd Section, Fulton County, Georgia

- Current Condition of Windward Pkwy moving west on Westside.
- Existing trees flanking each side that will be removed or relocated as project progresses.
- Westside Entrance with majority of Crepe Myrtles removed.
- Limits of Disturbance adjacent to the monument sign.
- DRB suggests reminder of Crepe Myrtles be removed from Westside Pkwy entrance.
- Discussion on trees on page M2 00.
- Applicant will show continuation and inclusive design moving forward.
- Staff discussed GDOT signal redesign.
- Center Island on Entry drive HP sign will be removed.
- Plantings.
- DRB suggested less perennials.
- Concern on corners for species that don't stay evergreen.
- Plantings need to look good year round.

- Discussion of creeping ground cover.
- Amount of Muhly grass.
- Incorporating Evergreen behind the monument sign as a backdrop.
- 7' grade change.
-]Handpicked Fieldstone Boulders.
- Irrigation.

There was no public comment.

❖ Board Member Corkill offered a motion to approve the landscaping with the following conditions:

1. Existing trees that are shown outside of the limits of disturbance such as the Crepe Myrtles, the Birches, etc. shall be removed and replaced to meet the theme of the new design.
2. The Applicant shall work with Staff to revise and complete the design based on the tree removals and additions of new trees.
3. There shall be a Muhly grass reduction per comments.
4. Larger evergreen shall be introduced such as Oakleaf Holly, as mentioned.
5. The area shall be irrigated. If not possible, it shall be prepared for hand watering.
6. The area shall be maintained. Anything that is not thriving or dies shall be replaced at the developer's cost.

- Board Member Le Cain seconded the motion.
- Motion carried (6-0).

There was discussion during the motion that the existing trees to be removed and replaced are the ones shown in the drawing.

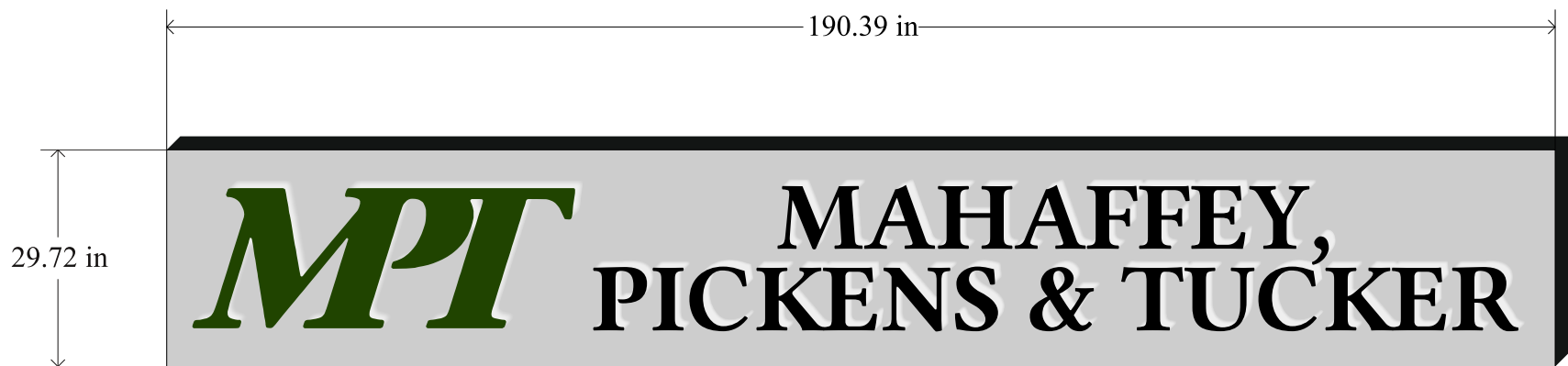
9. ADJOURNMENT

Chair Kramer adjourned the meeting at 11:18 a.m.



HIPES & BELLE ISLE

Channel Letters
Qty: 1
Single-Sided





678.366.7975 tagsigns.com

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Project start date: 12/03/2024 Revision date: 2/19/2025 Revision number: #1	Client: Park Plaza Partners Contact: Ali Semones	Project: Mahaffey Pickens Drawn by: Soren "Jules" Rodgers	File Name: SignLab File Park Plaza Partners> 178 S Main Street> park plaza partners_178... monument	Client Approval: Client Signature Date	I understand that with my signature, I have checked the above drawing for layout and spelling errors. All artwork is copyrighted 2022 TAG Signs Inc. and is subject to a \$65.00 minimum charge for all unordered requests. TAG Signs (Vendor) prepares your order according to your specifications. Therefore, prior to its commencement, your order is only cancelable with the Vendor's prior written consent. After commencement of your order (the point at which materials are assembled and work has begun), your order is non-cancelable. The customer is solely responsible for proofreading. Vendor does not assume any responsibility for the correctness of copy.	Sheet Number: 1
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A "BUILDING PERMIT APPLICATION FOR SUPER GOLDEN BUFFET 915 North Point Dr, Alpharetta, GA 30022

BUILDING OWNER: Milkathy Corp
1069 W MORSE BLVD
WINTER PARK FL 32789

OWNER AGENT : Designs BY LISH LLC. designs.by.lish@gmail.com - (407) 729-2022

ARCHITECTURAL NOTES (UTILIZE NOTATIONS ONLY IF APPLICABLE TO THIS PROJECT)

- A. ALL WOOD IN CONTACT WITH GRADE, MASONRY, AUTOCLAVE AERATED CONCRETE, POURED IN PLACE CONCRETE, OR CONCRETE PRODUCTS SHALL BE PRESSURE TREATED.
- B. PRESSURE TREATED COLUMNS SHALL BE TREATED UC4B GROUND CONTACT, HEAVY DUTY, MICRONIZED COPPER AZOLE, (MCA)
- C. RETENTION LEVELS FOR P.T. MATERIAL ARE .06 FOR ABOVE-GROUND USE AND .15 FOR GROUND CONTACT AND .23 FOR BELOW GRADE APPLICATIONS.
- D. (if needed) COMMERCIAL DOOR HARDWARE SHALL BE SCHLAGE OR APPROVED EQUAL.
- E. DIMENSIONS ARE DRAWN TO FACE OF MASONRY, OR FACE OF WOOD STUDS, AND OR CENTER LINE OF COLUMNS SHOWN.
- F. (if needed) PROVIDE WOOD BLOCKING AT INTERIOR AND EXTERIOR WALLS FOR ACCESSORIES AND OTHER BUILDING COMPONENTS SUCH AS LIGHT FIXTURES ETC.
- G. FINISH GRADES SHALL SLOPE AWAY FROM BUILDING A MINIMUM 2% SLOPE.
- H. IT IS THE INTENT OF THESE DRAWING TO DOCUMENT A CONTINUOUS LOAD PATH FROM THE TOP OF THE BUILDING TO THE FOUNDATION OF THE BUILDING TO RESIST HURRICANE FORCE WINDS. THIS LOAD PATH IS CONSTRUCTED OF WOOD FRAMING MEMBERS (IE COLUMNS, BEAMS, RAFTERS, JOISTS AND SHEATHING) AND REINFORCED CONCRETE MASONRY. ALL CONNECTIONS ARE TO BE REINFORCED WITH METAL CONNECTIONS, PLATES BOLTS, AND OTHER FASTENERS. DETAILS SHOWN DESCRIBE TYPICAL CONNECTIONS BETWEEN FUNDAMENTAL STRUCTURAL COMPONENTS TO RESIST LIVE AND DEAD LOAD AND HURRICANE FORCE WINDS OF 110 MPH. OTHER SIMILAR DETAILS ARE TO BE CONSTRUCTED IN LIKE MANNER. THE CONTRACTOR MAY REVISE THESE DETAILS WITH PRIOR APPROVAL FROM THE ARCHITECT. SUBMIT REVISE DETAILS PRIOR TO CONSTRUCTING DETAILS
- I. ALL EXTERIOR FASTENERS SHALL BE STAINLESS STEEL OR G-185 GALVANIZED FOR BELOW GRADE P.T. WOOD MATERIAL.
- J. ALL EXTERIOR PLYWOOD **ROOF SHEATHING** IS TO BE NAILED TO RAFTERS WITH 8D RING SHANK GALVANIZED NAILS AT 6" O.C. (ALL LOCATIONS), AND 4" O.C. AT PANEL EDGES.
- K. ALL EXTERIOR PLYWOOD **WALL SHEATHING** IS TO BE NAILED TO STUDS WITH 8D COMMON GALVANIZED NAILS AT 6" O.C. (ALL LOCATIONS), AND 4" O.C. AT PANEL EDGES.
- L. (IF NEEDED) GENERAL CONTRACTORS TO PROVIDE ELECTRICAL RISER DIAGRAM AS REQUIRED BY AUTHORITY HAVING JURISDICTION.
- M. IT IS THE RESPONSIBILITY OF THE OWNER TO PROVIDE SOIL COMPACTION TESTING FOR FINAL VERIFICATION OF THE FOUNDATION LOADS ON THIS PROJECT.
- N. THE SITE IS NOT LOCATED WITHIN 200 FEET OF STATE WATERS.
- O. NPDES TESTING AND MONITORING BY OWNER, HOWEVER NOT REQUIRED ON THIS PROJECT.
- P. ALL CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS and OR STATE OF GEORGIA "BEST PRACTICE"
- Q. ALL PERMITS NECESSARY FOR CONSTRUCTION SHALL BE OBTAINED BY CONTRACTOR.
- R. ANY DEVIATIONS FROM THE PLANS ARE PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.
- S. THE CONTRACTOR IS TO IMMEDIATELY CONTACT THE ARCHITECT IF ANY UNFORESEEN COMPLICATIONS OR DISCREPANCIES OCCUR.
- T. THE ARCHITECT SHALL NOT BE HELD RESPONSIBLE FOR THE PHYSICAL CONSTRUCTION OF THE SITE / BUILDING / WITHOUT CONTRACTUAL INSPECTION OBLIGATIONS.
- U. FIELD CHANGES TO THE ENCLOSED STRUCTURE IS PROHIBITED. CONTACT ARCHITECT FOR DRAWING REVISIONS PRIOR TO CHANGING STRUCTURE.
- V. CONTRACTOR SHALL MAINTAIN A SAFE SITE AND MEET ALL APPROPRIATE REGULATIONS CONCERNING SAFETY.
- W. CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION BY CALLING THE CALL BEFORE YOU DIG HOTLINE: 1-800-282-7411.
- X. (optional) PROVIDE OPEN CELL R-30 SPRAY FOAM INSULATION AT ROOF PERIMETER, AND R-13 SPRAY FOAM INSULATION AT EXTERIOR WALLS AND CRAWL SPACE.
- Y. IT IS ACCEPTABLE FOR THE CONTRACTOR TO MAKE SUBSTITUTION TO THE DESIGN OF THIS PROJECT. SUBSTITUTIONS ARE REQUIRED TO AND BE APPROVED BY THE AUTHORITY HAVING JURISDICTION. PLEASE FORWARD A COPY OF THE APPROVED SUBSTITUTIONS TO DARBY W. MCCLOSKEY, ARCHITECT.
- Z. THESE DRAWINGS ARE THE PROPERTY OF DARBY W. MCCLOSKEY ARCHITECT P.C. AND ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS. REPRODUCTION OF THESE DRAWINGS IS PROHIBITED WITHOUT WRITTEN CONSENT. PLEASE DO NOT COPY THESE DRAWING WITHOUT PERMISSION.

GENERAL NOTES

1. PRODUCT APPROVAL DATA SHALL BE REQUIRED FOR ALL EXTERIOR ENVELOPE MATERIALS, MATERIALS SHALL INCLUDE METAL ROOF, EXTERIOR WINDOWS AND DOORS, AND EXTERIOR SIDING
2. TERMITE TREATMENT OF SOIL IS REQUIRED UNDER THE SLAB AND FOOTERS
3. MINIMUM DEPTH OF STRUCTURAL FOOTING IS 12" BELOW EXISTING GRADE IBC 1805.2
4. FILL SHALL CONSIST OF STRUCTURAL SAND INSTALLED IN 8" MAXIMUM LIFTS COMPACTED TO A MINIMUM OF 95% OF THE MODIFIED PROCTOR DENSITY PER ASTM D-1557.
5. AT CONCRETE SLABS PROVIDE 6 MIL. POLY VAPOR BARRIER WITH 8" TAPPED AND LAPPED JOINTS.
6. WHERE SOILS UNSUITABLE FOR BEARING ARE EXPOSED WITHIN THE LIMITS OF EXCAVATION, FILL SHALL BE INSTALLED TO REPLACE THE UNSUITABLE MATERIALS.
7. OWNER / CONTRACTOR TO DETERMINE IF EXISTING SOIL HAS A MIN. BEARING CAPACITY OF 2500 PSI. CONTRACTOR TO EMPLOYEE A GEO-TECHNICAL ENGINEER TO TEST SOIL AND SUBMIT REPORT TO ARCHITECT.
8. SOIL AT BASE OF FOOTING SHALL BE CAPABLE OF SUPPORTING A MINIMUM COMPRESSIVE PRESSURE OF 2,000 PSF.
9. MINIMUM BAR LAP SPLICE TO BE 25".
10. CONCRETE MIX SHALL DESIGNED TO DEVELOP 3000 PSI AT 28 DAYS.

PROPERTY INFORMATION

1. PROPERTY ADDRESS - 2155 RIVERSIDE PKWY. LAWRENCEVILLE GA. 30045
2. EXISTING LOT IS NOT IN FEMA FLOOD ZONE. FEMA MAP 13135C0072F, effective on 9/29/2006
3. MEAN AVERAGE GRADE AVAILABLE UPON REQUEST
4. AREA OF LOT 2.73 ACRES
5. PIN NUMBER OR STRAP NUMBER 7033 246
6. ZONING - C2
7. YARD SET BACKS - FRONT 0-0, SIDES 0-0, REAR 0-0 -
8. WATER AND WASTE SYSTEM IS PROVIDED BY GWINETTE CO WATER AND SEWER.
9. THIS IS NOT A SURVEY, THIS IS A DIAGRAM OF EXISTING CONDITIONS.

PROJECT NARRATIVE

OWNER INTENDS TO ADD AN ADDITIONAL DINING SPACE TO EXISTING BUILDING

DRAWING INDEX

GENERAL NOTES

- T1-1 TITLE SHEET-SITE PLAN
C1-1 SURVEY SHEET

ARCHITECTURAL

- D1-1 DEMOLITION PLAN
A1-1 FLOOR PLAN
A1-2 ROOF PLAN
A1-3 LIFE SAFETY PLAN
A1-4 EXISTING LIFE SAFETY PLAN
A1-5 REFLECTED CEILING PLAN
A2-1 EXTERIOR ELEVATION
A2-2 EXTERIOR ELEVATION
A2-3 BUILDING AND WALL SECTION
A2-4 BUILDING SECTION AND DETAILS.
A3-1 CEILING DETAILS
A3-2 FINISH AND DOOR SCHEDULE

STRUCTURAL

- S1-1 FOUNDATION AND FRAMING PLAN
S2--1 STRUCTURAL NOTES AND DETAILS
S2-2 STRUCTURAL NOTES AND DETAILS
S2-3 STRUCTURAL NOTES AND DETAILS

SITE PREPARATION NOTES

IT IS THE RESPONSIBILITY OF THE OWNER TO PROVIDE A SITE GEOTECHNICAL INVESTIGATION FOR THIS PROJECT. SUB SOIL INVESTIGATION IS NEEDED TO DETERMINE THE BEARING CAPACITY OF THE SOIL AND IF THE SOIL IS SUITABLE FOR THE BEARING CONDITIONS.

EXISTING FINISH FLOOR HEIGHT 0.0' ABOVE SEA LEVEL, OWNER TO PROVIDE.

I CERTIFY THAT THIS STRUCTURE AS MODIFIED BY THE REFERENCED NOTES IS DESIGNED TO WITHSTAND WIND LOADS RESULTING FOR A BASIC WIND SPEED OF 130 MPH, 3-5 SEC GUST: BUILDING CAT. ONE, EXPOSURE "B", IMPORTANCE FACTOR 1, SEISMIC ZONE A, ALL IN ACCORD WITH SECTION 1609, WIND LOADS and

APPLICABLE CODE

- A. International Building Code (ICC): 2018 Edition with 2020, 2022 Amendments.
- B. National Electrical Code (NFPA): 2020 Edition with 2021 Amendments
- C. International Fuel Gas Code (ICC): 2018 Edition with 2020, 2022 Amendments.
- D. International Mechanical Code (ICC): 2018 Edition with 2020 Amendments.
- E. International Plumbing Code (ICC): 2018 Edition with 2020, 2022, 2023 Amendments.
- F. International Residential Code for One & Two Family Dwellings (ICC): 2018 Edition with 2020 Amendments, and IRC Appendix F
- G. International Energy Conservation Code (ICC): 2015 Edition with 2020, 2022, 2023 Amendments.
- H. International Swimming Pool and Spa Code (ICC): 2018 Edition with 2020 Georgia State Amendments.
- I. International Existing Building Code (IEBC): 2018 Edition with 2021 Amendments.
- J. Gwinnett County Construction Code (2015 Edition)
- K. 2012 - Gwinnett county Georgia Ordinance for Fire Preventioin and Protection Ordinance
- L. 2023 - OCGA - 120-3-3 Georgia Minimum Fire Safety Standards
- M. NFPA - 101 Life Safety Code - 2018 Edition (amended by 120-3-3)
- N. 2010 ADA Standards For Accessible Design

FURTHERMORE, TO THE BEST OF "MY KNOWLEDGE", THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY, Gwinette COUNTY GEORGIA

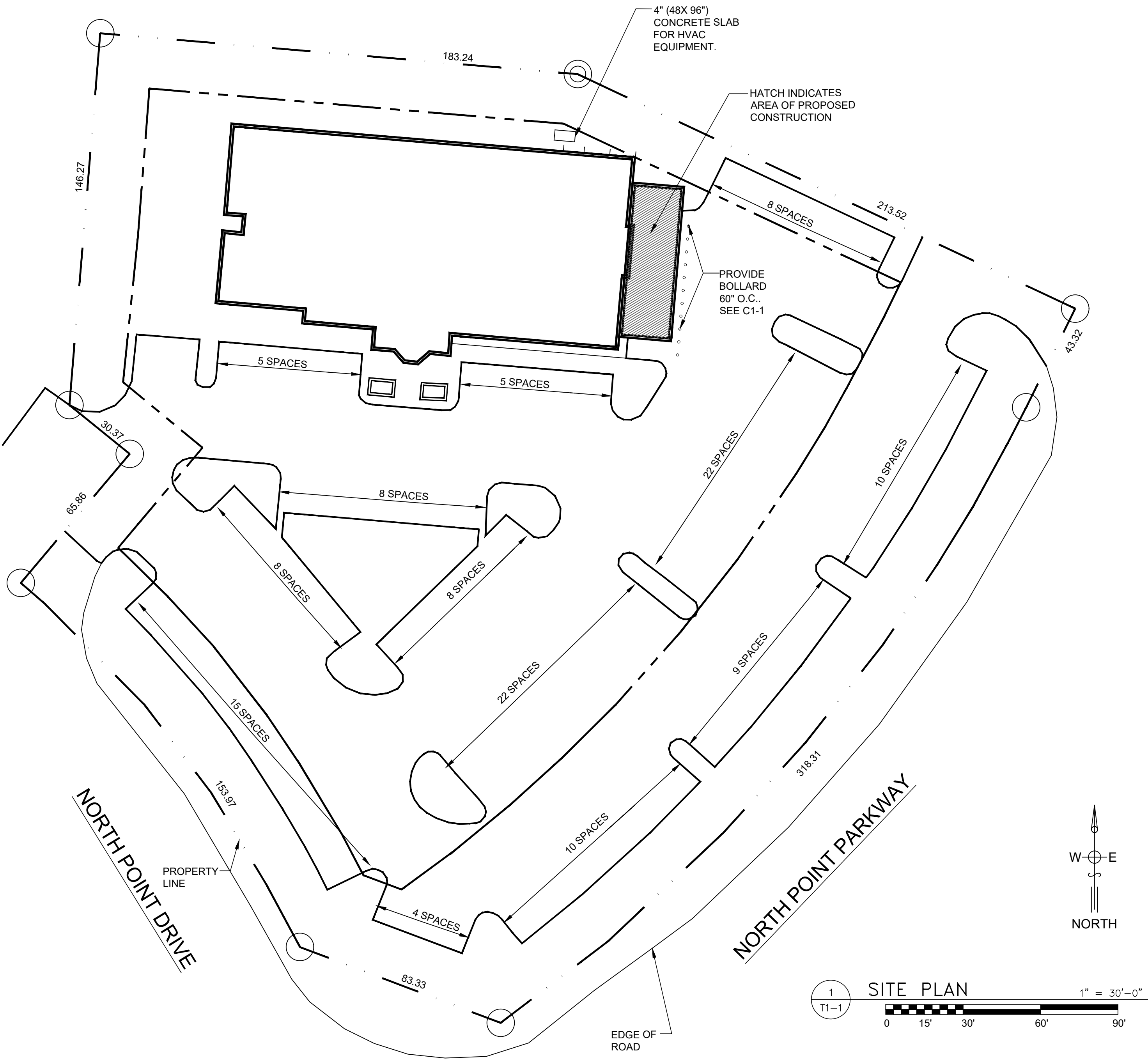
DARBY W. MCCLOSKEY, REGISTERED ARCHITECT

FLORIDA, GEORGIA AND ALABAMA

FLORIDA LICENCE NO. AR-16696
GEORGIA LICENCE NO. RA-9435
ALABAMA LICENCE NO. 6884

MISC. CODE REQUIREMENTS

- A. IBC-1006.2.1 - TWO EXITS ARE REQUIRED, TRAVEL DISTANCE FOR SINGLE EXIT IS not GREATER THEN 75-0
- B. NFPA 220 - 4.6 - TYPE V - (OOO) - UNPROTECTED, SPRINKLER.
- C. NFPA 101 - 12.2.2.2.3 - Any door in a required means of egress from an area having an occupant load of 100 or more persons shall be permitted to be provided with a latch or lock only if the latch or lock is panic hardware or fire exit hardware complying with 7.2.1.7.
- D. NFPA CAPACITY FACTOR - DOORWAYS .220 X (NO OF OCCUPANTS) = CLEAR EGRESS CAPACITY.
- E. TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE - 200-0 feet business occupancy, max travel path 75-0.
- F. NFPA 10 - 6.2.1.2.2 FIRE EXTINGUISHERS SHALL BE LOCATED SO THAT THE MAXIMUM TRAVEL DISTANCE SHALL NOT EXCEED 75 FEET, EXCEPT AS MODIFIED BY NFPA 10 - 6.2.1.4



LIFE SAFETY SUMMATION

OCCUPANCY CLASSIFICATION	ASSEMBLY A-2
CONSTRUCTION TYPE	TYPE VB
SPRINKLERED	YES
FIRE ALARM	YES
EXISTING BUILDING AREA	11,850.0
PROPOSED BUILDING AREA	1,206.0
TOTAL AREA	13,056.0

NUMBER OF STORIES - ONE
OCCUPANT LOAD -

ONE
360.0

SQUARE FOOTAGE CALCULATIONS

FOOTPRINT (HEATED)	13,056.00
CONCRETE DRIVE / GARAGE AND PATIOS	52,860.00
SUB TOTAL	65,916.00

SITE 2.73 ACRES
PERCENTAGE OF LOT COVERAGE

118,918.80
% 55.42

SQUARE FOOTAGE CALCULATIONS

BRIEF NARRATIVE.

THE OWNER IS REQUESTING A BUILDING PERMIT "FOR CONSTRUCTION" OF DINING ROOM, OFFICE SPACE, AND WAIT STATION.

THE VALUE OF CONSTRUCTION SHALL BE BASED ON COST PER SQUARE FOOT AT 200 DOLLARS PER FOOT X 1080.0 SQ. FT = 216000.0 DOLLARS. WITH A COST OF DESIGN PROFESSIONALS AS 10,000.0 DOLLARS.

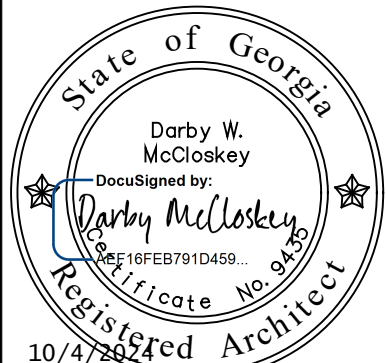
SEPARATE SUBMITTALS AND REVIEWS BY FIRE PLAN REVIEW FOR:

- _____- FIRE SPRINKLER
- _____- FIRE ALARM SYSTEMS
- _____- FIRE SUPPRESSION SYSTEMS
- _____- RACK STORAGE (PRODUCT HEIGHT OVER 12 FEET)
- _____- STORAGE AND OR USE OF HAZARDOUS MATERIALS



Drafting & Design Services
5415 Sugarloaf Pkwy., Lawrenceville, GA 30043
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FOR CONSTRUCTION



2022 - DARBY W. MCCLOSKEY ARCHITECT
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Darby W. McCloskey, AIA

Registered Architect; Florida, Georgia & South Carolina
1700 FREDERICA ROAD SUITE #203, St. Simons Ga. 31522 - 912-996-7942
Email : darby@darbyarchitect.com - Web : darbyarchitect.com

A "BUILDING PERMIT APPLICATION FOR
SUPER GOLDEN BUFFET 915 North Point Dr,
Alpharetta, GA 30022

BUILDING OWNER: Milkathy Corp
1069 W MORSE BLVD
WINTER PARK FL 32789

OWNER AGENT : Designs BY LISH LLC. designs.by.lish@gmail.com - (407) 729-2022

2427

10-02-2024

T1-1



1
C1-1

KEY PLAN

NOT TO SCALE

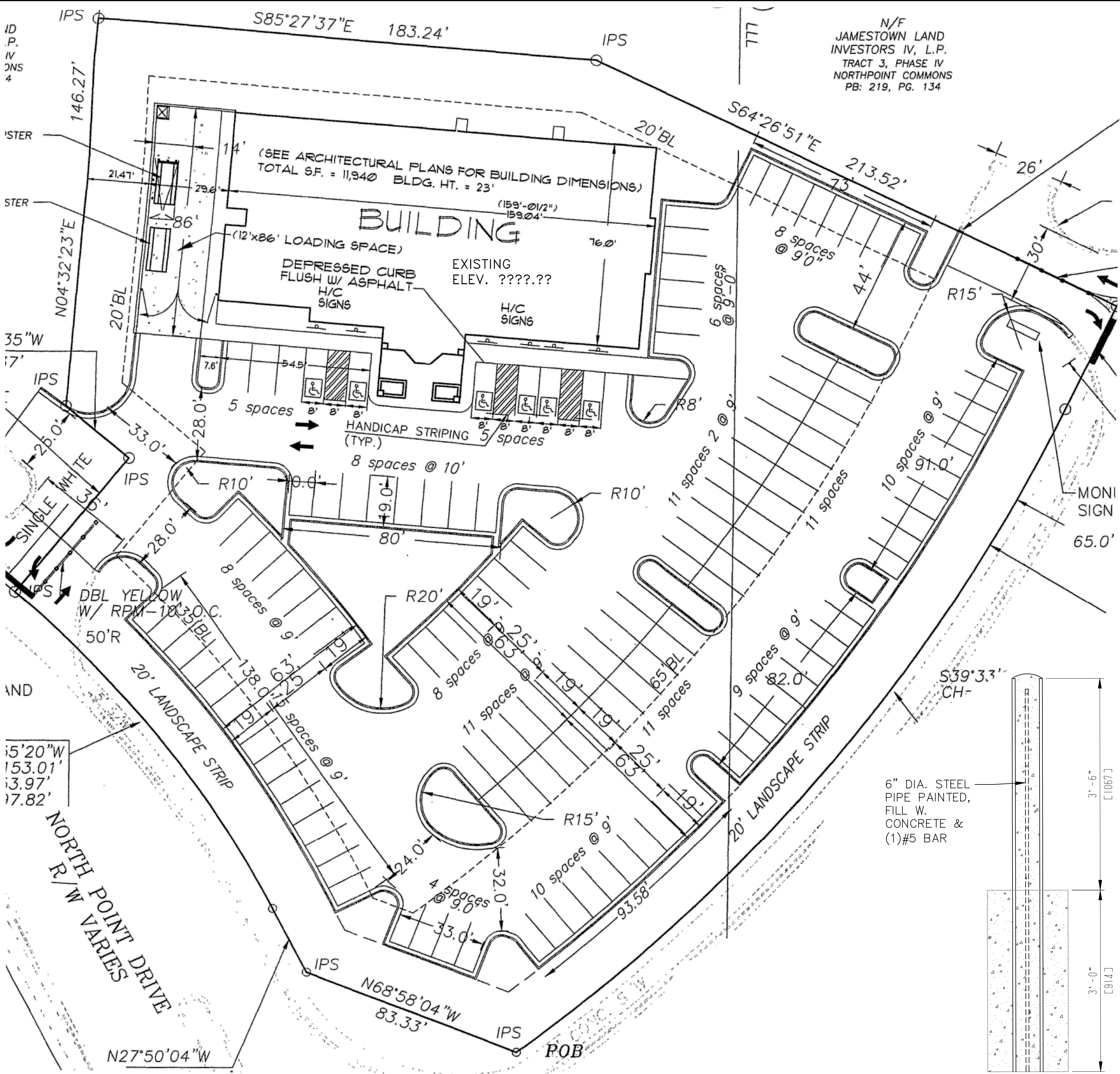
PROJECT SITE - FOR CONSTRUCTION
OF DINING ROOM ADDITION



1
C1-1

KEY PLAN

NOT TO SCALE



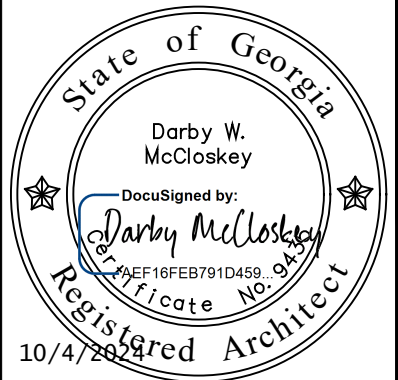
1
C1-1

SURVEY SHEET

NOT TO SCALE



FOR CONSTRUCTION



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Registered Architect, Florida, Georgia & South Carolina
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Email : darby@darbyarchitect.com - Web : darbyarchitect.com

A "BUILDING PERMIT APPLICATION FOR
SUPER GOLDEN BUFFET 915 North Point Dr,
Alpharetta, GA 30022
BUILDING OWNER: Milkathy Corp
1069 W MORSE BLVD
WINTER PARK FL 32789
OWNER AGENT : Designs BY LISH L.L.C. designs by lish@gmail.com - (407) 728-2022

2427
10-02-2024

C1-1

WALL TYPES / LEGEND

- EXTERIOR WALL - 2X6 WOOD STUDS AT 16" O.C. WITH 1/2" PLYWOOD AND 1/2" GYPSUM BOARD AT INSIDE. CONSTRUCT AS SHOWN ON 2/A2-3. AND 2/S1-1
- 2X4 WOOD STUDS AT 16" O.C. WITH 1/2" GYPSUM BOARD EACH SIDE. CONSTRUCT TO UNDERSIDE OF ROOF TRUSS. - SEE 4/S1-1
- (shear wall) - EXTERIOR WALL with 2X6 WOOD STUDS AT 16" O.C. WITH 1/2" PLYWOOD (each side) AND 1/2" GYPSUM BOARD AT INTERIOR. SEE S1-1 FOR LOCATIONS.
- EXISTING CONSTRUCTION TO BE REMOVED.
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING WALL PARTITION WITH 4" BRICK VENEER AND METAL STUDS AND 5/8" GYP. BOARD FINISH.

- NOTE:
- EXTERIOR DIMENSIONS ARE TO CENTER LINE OF DOORS AND WINDOWS. VERIFY ACTUAL OPENINGS.
 - BOIC - Selected and purchased by owner installed by contractor.
 - DOOR HEIGHT ON 6-8.
 - WINDOW HEAD HEIGHT 9-0
 - EXTERIOR WINDOWS SHALL BE 200 SERIES ANDERSON. HURRICANE PROTECTED WINDOWS NOT ARE REQUIRED ON THIS PROJECT, WIND SPEED AT 100 MPH.

SYMBOLS(SOME SYMBOLS MAY NOT BE USED FOR THIS PROJECT)

ELECTRIC WATER COOLER, ADA MOUNTING HEIGHT AND STANDARD ELECTRIC WATER COOLER (EWC)

F.D. FLOOR DRAIN

INDICATES DOOR WIDTH

INDICATES EGRESS DOOR OR WINDOW

INDICATES CASIED OPENING

INDICATES EXISTING OPENING

(FEC) -FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER.

COLUMN LINES

WINDOW OR WALL OPENING.

HOSE BIBB (HB)

ELEVATION MARKER

SECTION MARKER

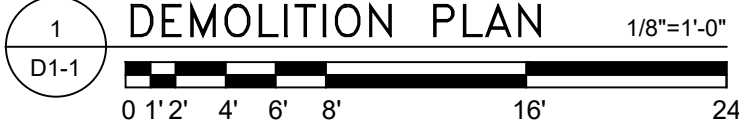
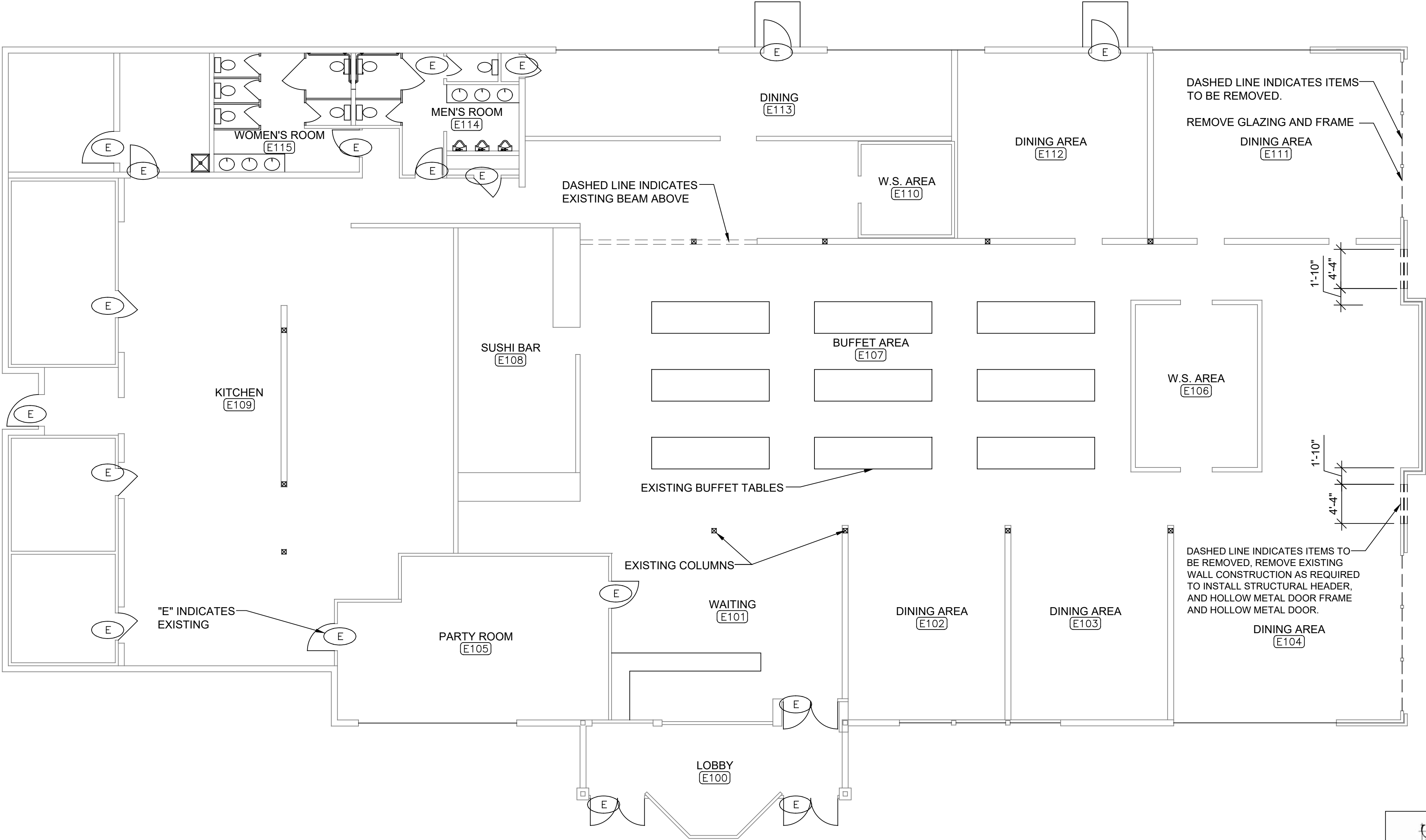
<3076> - INDICATES WINDOW SIZE 3-0 X 7-6

DEMOLITION NOTES

- REMOVE FLOOR FINISH IN ALL AREAS, PREPARE CONCRETE TO RECEIVE NEW FINISH.

TERMINOLOGY

- AFF
- ABOVE FINISH FLOOR
- B.F.E.
- BASE FLOOD ELEVATION
- DBL
- DOUBLE
- OC
- OFF CENTER
- GB
- GRAB BAR
- CL
- CLOSET
- FE
- FIRE EXTINGUISHER
- EOS
- EDGE OF STEEL
- EOC
- EDGE OF CONCRETE
- COS
- CENTER OF STEEL
- EP
- ELECTRIC PANEL
- WH
- WATER HEATER
- CG
- CORNER GUARD - SEE FINISH SCHEDULE
- GFI
- GROUND FAULT INTERRUPT
- EWC
- ELECTRICAL WATER COOLER
- ADA
- AMERICANS WITH DISABILITIES
- FD
- FLOOR DRAIN
- MR
- MIRROR
- PT
- PRESSURE TREATED
- M.WAVE
- MICROWAVE
- REFRIG
- REFRIGERATOR
- FD
- FLOOR DRAIN
- EP
- ELECTRIC PANEL
- EM
- ELECTRIC METER
- PT
- PRESSURE TREATED
- W
- WASHER
- D
- DRYER
- HB
- HOSE BIBB
- EQ
- EQUAL
- AHU
- AIR HANDLER UNIT
- CU
- CONDENSING UNIT



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A "BUILDING PERMIT APPLICATION FOR
SUPER GOLDEN BUFFET 915 North Point Dr,
Alpharetta, GA 30022

BUILDING OWNER: Milkathy Corp

1069 W MORSE BLVD

WINTER PARK FL 32789

OWNER AGENT : Designs BY LISH LLC. designs by lish@gmail.com - (407) 728-2022

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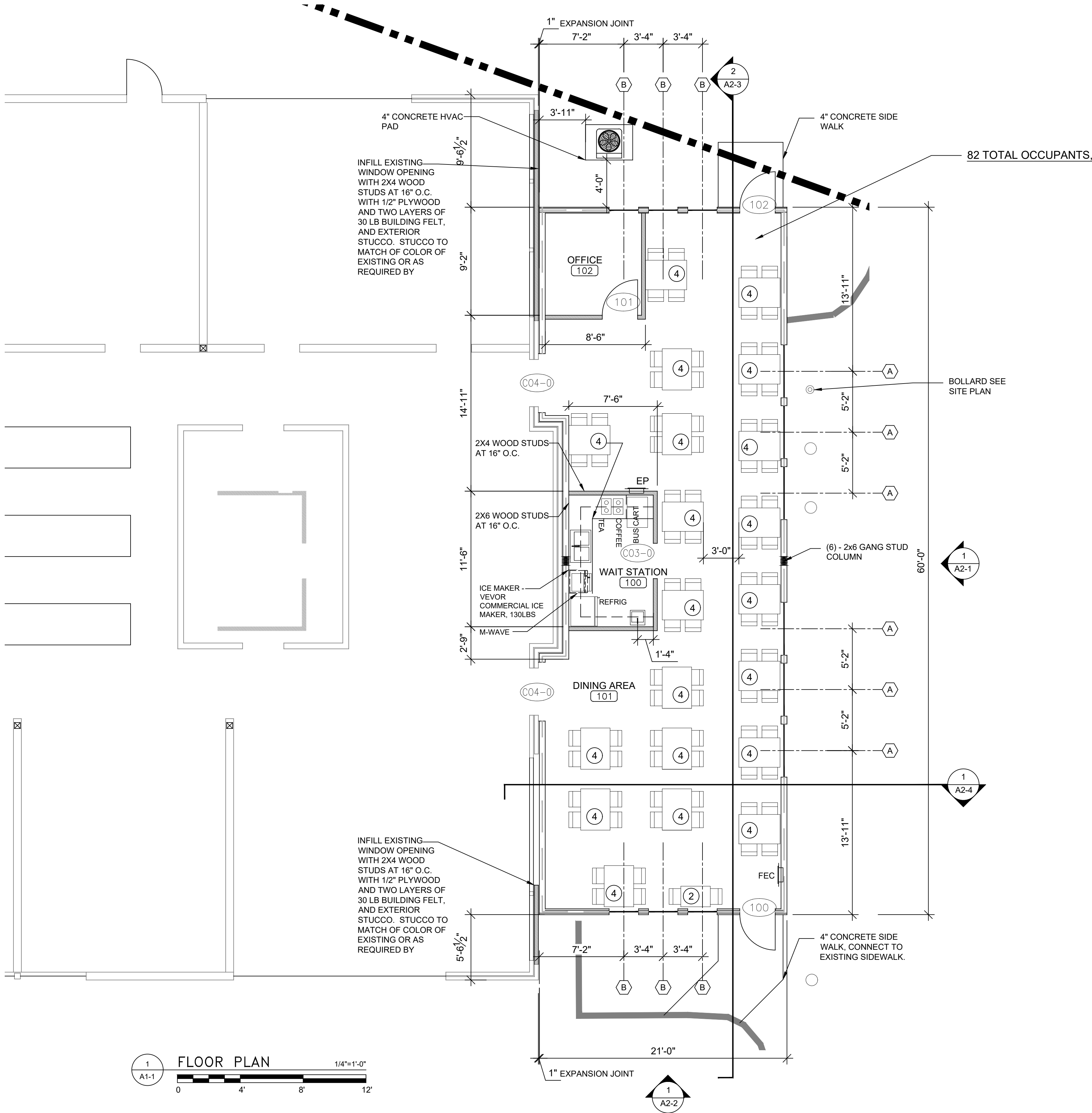
D1-1

WINDOW SCHEDULE - ANDERSON 200 SERIES

- A

46 X 60 EQUALS 4-6 X 6-0 HEADER AT 9-0 AFF
- B

26 X 60 EQUALS 2-6 X 5-0 HEADER AT 9-0 AFF



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TABLE 403.1MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES:

- Restaurants, banquet halls and food courts.
- TOILETS - 1 PER 75 OCCUPANTS
- LAVATORIES - 1 PER 200 OCCUPANTS
- URINALS - SEE 424.2 below
- DRINKING FOUNTAINS - SEE 410.4 - BELOW
- 424.2 Substitution for water closets. In each bathroom or toilet room, urinals shall not be substituted for more than 67 percent of the required water closets in assembly and educational occupancies. Urinals shall not be substituted for more than 50 percent of the required water closets in all other occupancies.
- 410.4 Substitution. - Where restaurants provide drinking water in a container free of charge, drinking fountains shall not be required in those restaurants. In other occupancies where three or more drinking fountains are required, water dispensers shall be permitted to be substituted for not more than 50 percent of the required number of drinking fountains
- TOTAL OCCUPANTS 360.0

PLUMBING FIXTURE SUMMATION

- LAVATORIES
- EXISTING LAVATORIES 6.0
- PROPOSED LAVATORIES 0.0
- TOTAL REQUIRED LABORATORIES 2 MEN 2 WOMEN

TOILET

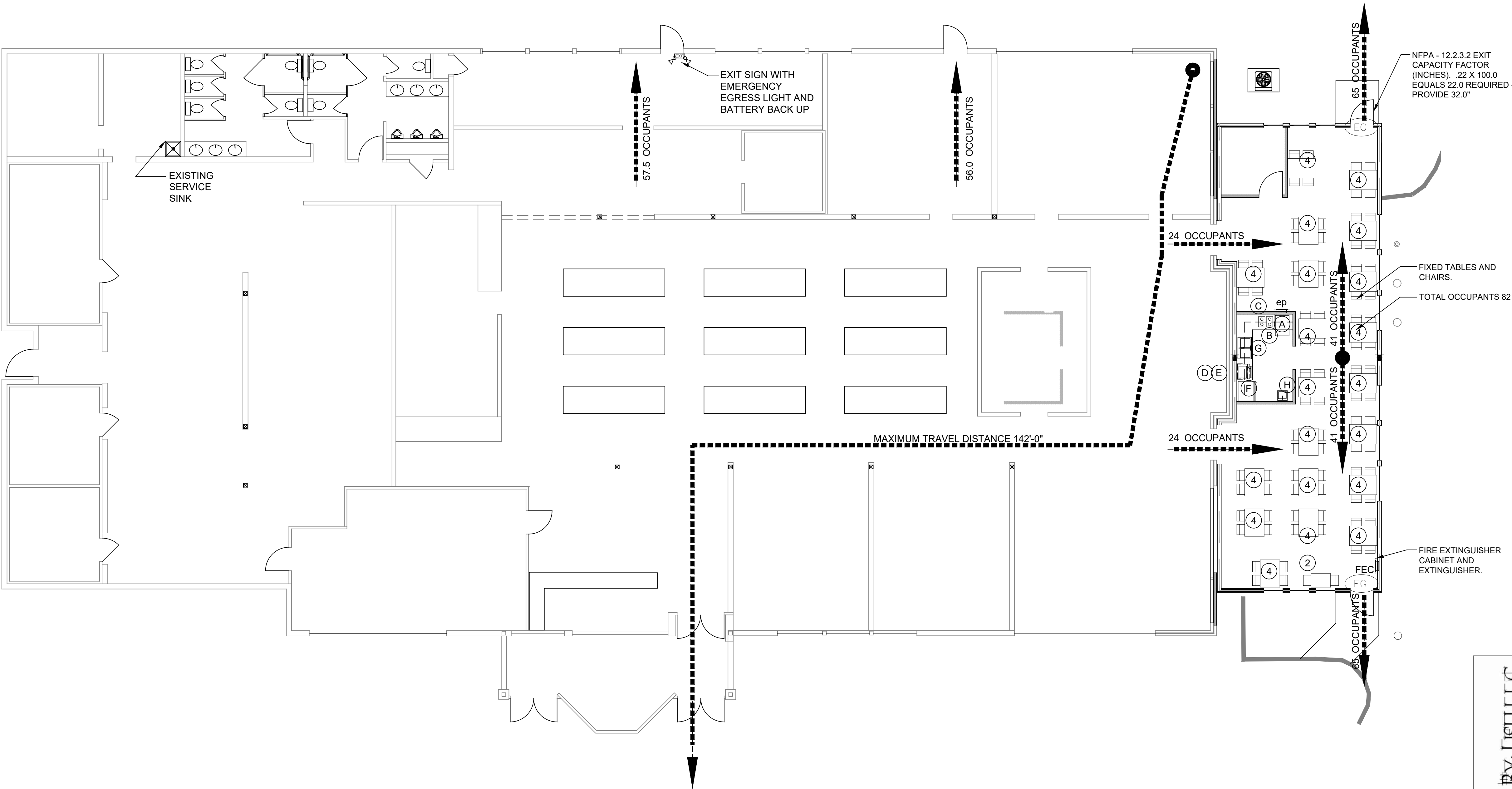
- EXISTING TOILET FIXTURES - 8.0 SEE PLAN
- EXISTING WOMEN 5, EXISTING MEN 3 TOILETS WITH 3 EXISTING URINALS.
- PROPOSED TOILET FIXTURES 0.0
- TOTAL REQUIRED TOILET FIXTURES 4.8 = (360 / 75)

- EXISTING DRINKING FOUNTAINS - NON REQUIRED

- EXISTING SERVICE SINKS 1.0
- PROPOSED SERVICE SINKS 0.0
- TOTAL REQUIRED SERVICE SINKS 1.0

WAIT STATION EQUIPMENT LIST

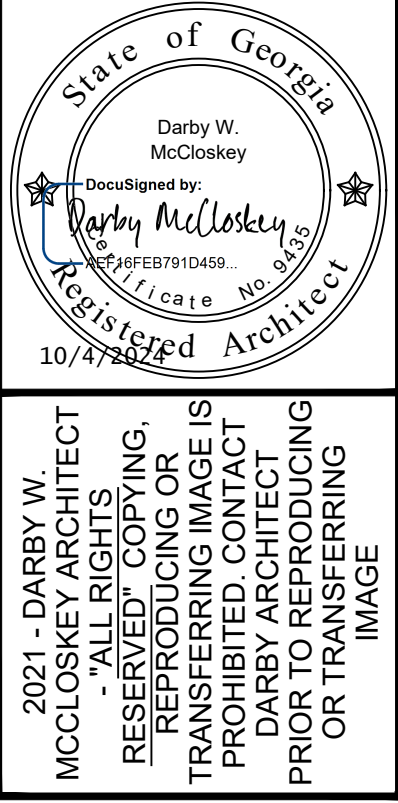
- (A) BUS CART
- (B) TEA OR COFFEE MAKER
- (C) TEA OR COFFEE MAKER
- (D) MICRO WAVE
- (E) ICE MAKER
- (F) REFRIGERATOR
- (G) DBL STAINLESS SINK
- (H) S.S. - SINGLE WALL MOUNTED HAND WASHING SINK



1 LIFE SAFETY PLAN 1/8"=1'-0"



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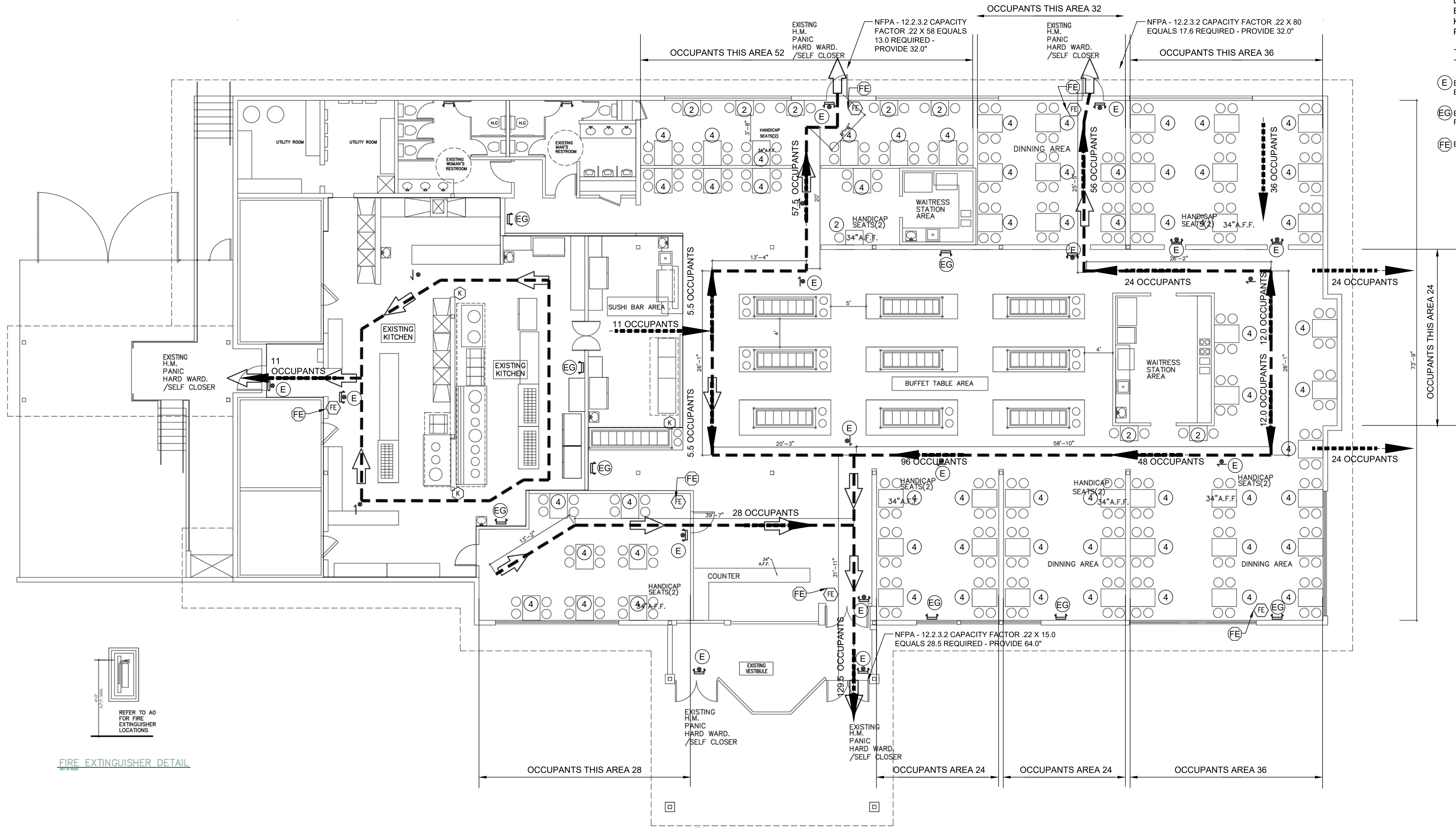


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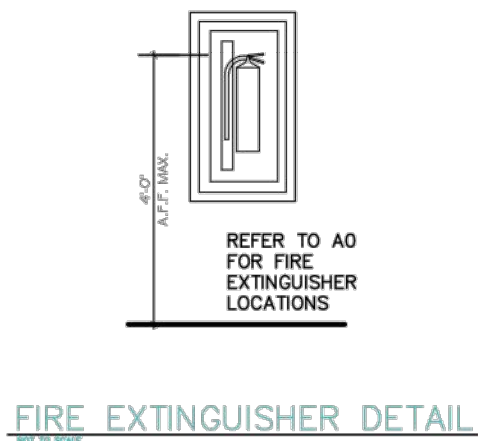
A1-3



TOTAL OCCUPANTS		
LOCATION	NO. OF SEATS	TOT.
EXISTING AS SHOWN	256.0	
KITCHEN	22.0	
PROPOSED SEE A1-3	82.0	

TOTAL EXISTING	278.0
TOTAL TOTAL	360.0

- (E) EXISTING EXIT SIGN AND EMERGENCY EGRESS LIGHT FIXTURE
- (EG) EXISTING EMERGENCY EGRESS LIGHT FIXTURE WITH BATTERY BACK UP
- (FE) EXISTING FIRE EXTINGUISHERS



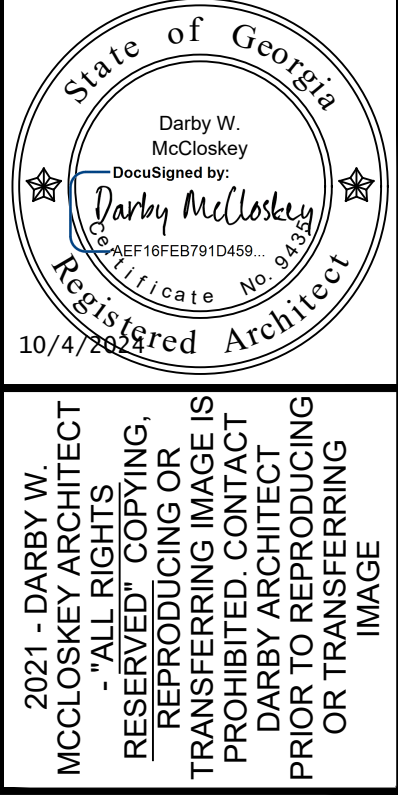
LIFE SAFETY PLAN
1/8" = 1'-0"

- TOTAL AREA = 11,800 SQFT.
- (FE) Fire Extinguisher
- (K) TYPE "K" Fire Extinguisher

1
A1-4

EXISTING LIFE SAFETY

NOT TO SCALE



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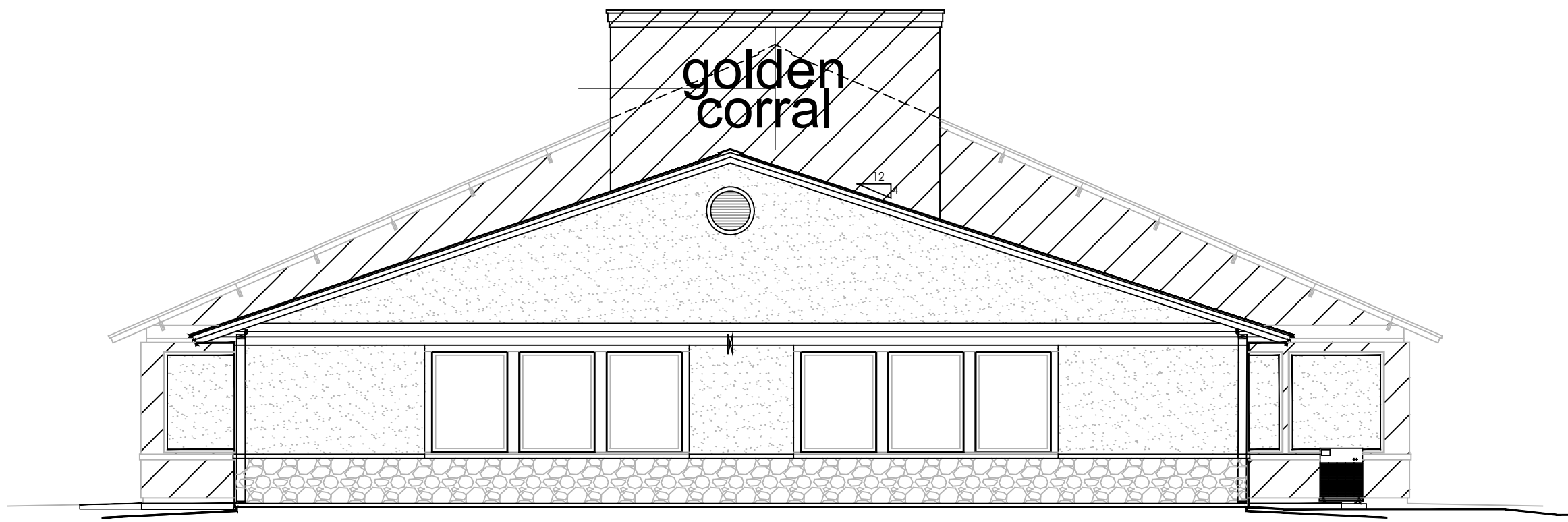
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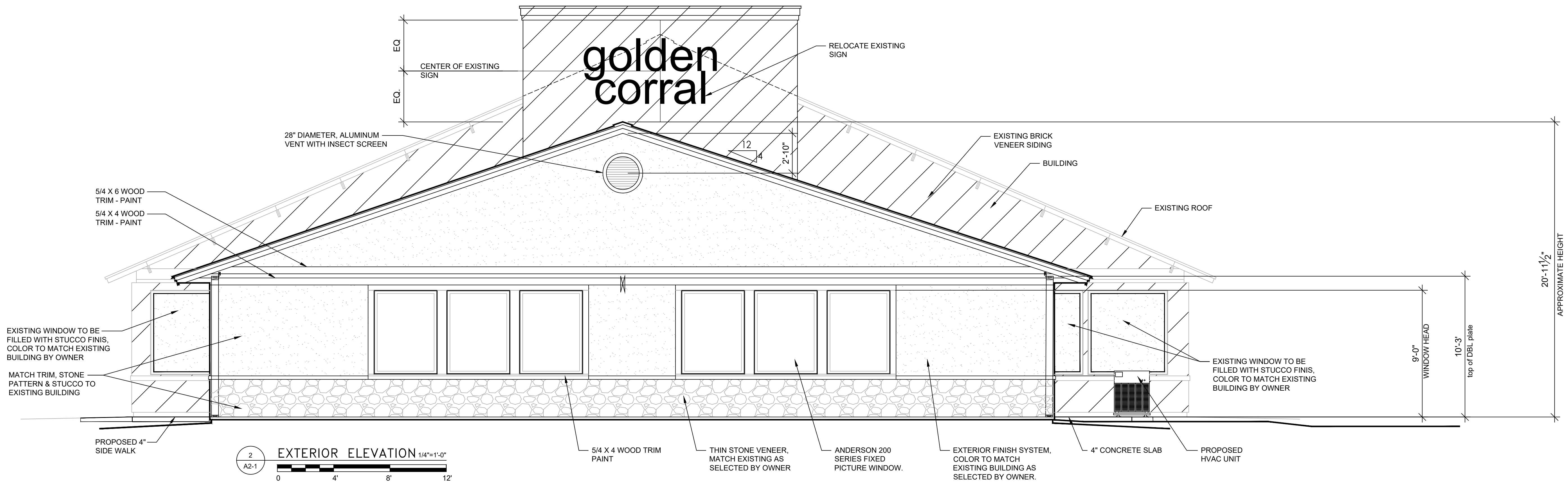
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A1-4

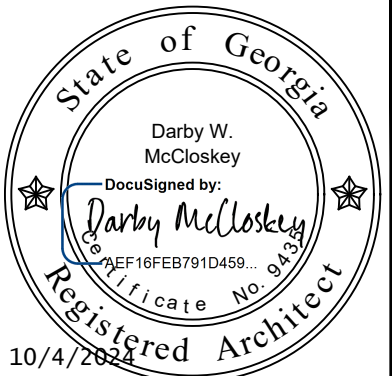
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1
A2-1
EXTERIOR ELEVATION 1/8"=1'-0"
0 1' 2' 4' 6' 8' 16' 24'



2
A2-1
EXTERIOR ELEVATION 1/4"=1'-0"
0 4' 8' 12'



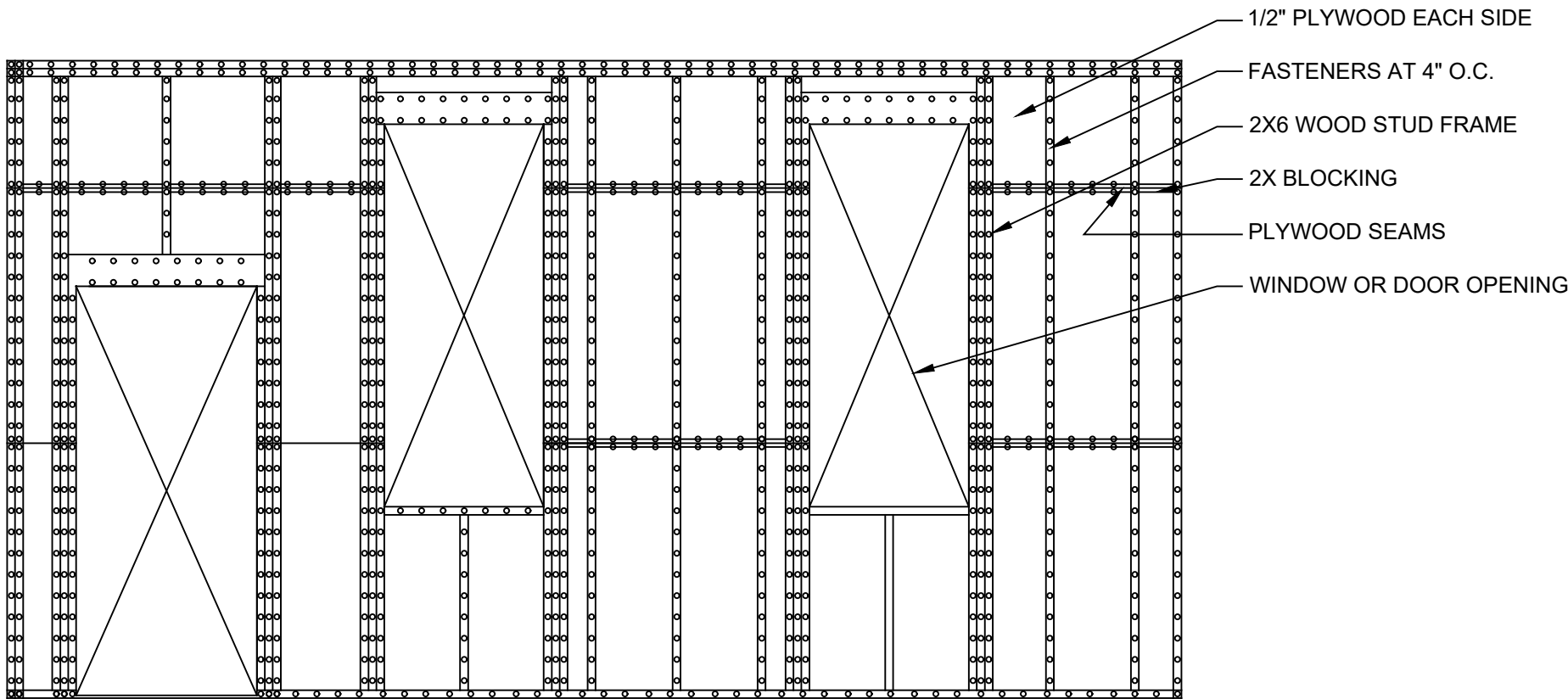
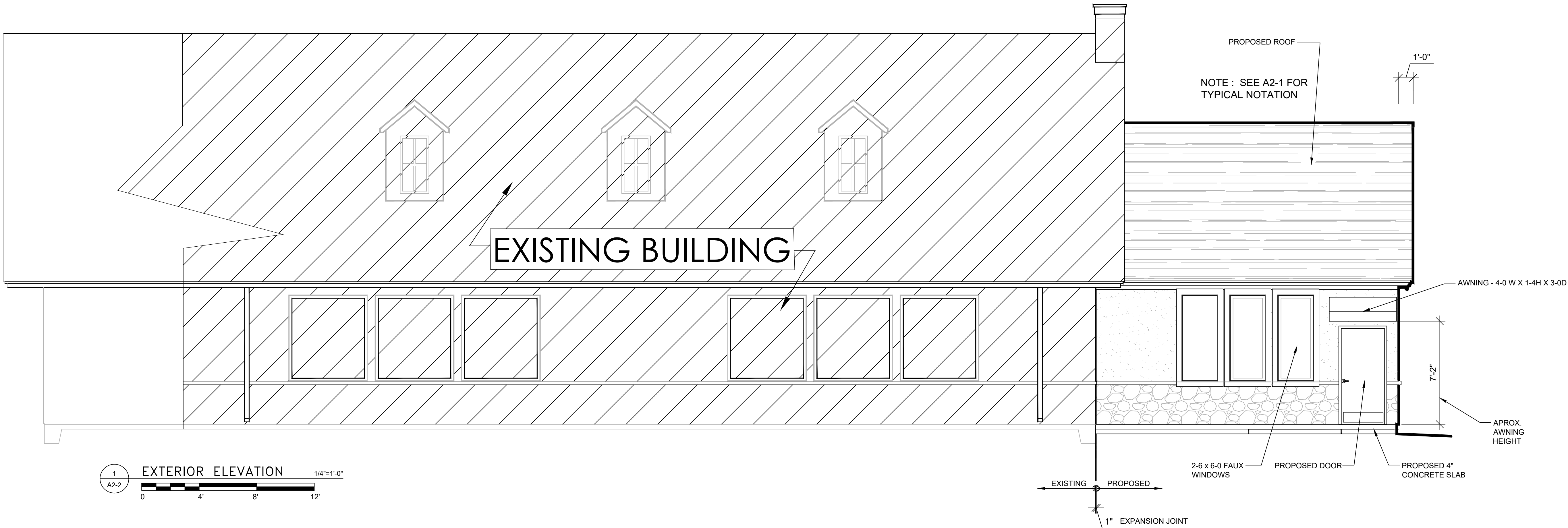
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A2-1

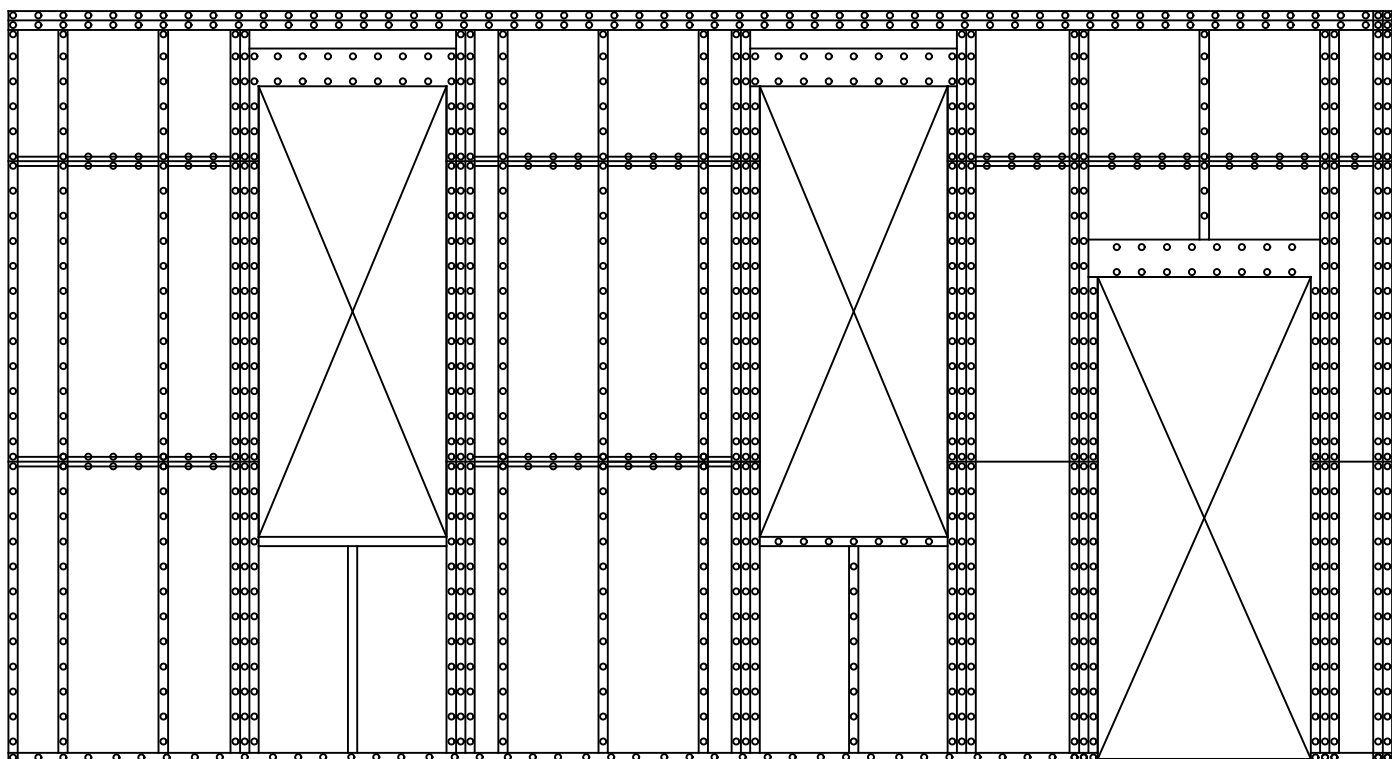


2
A2-2

SHEAR WALL ELEV.

3/32"=1'-0"

0 5' 10' 15' 20' 30'



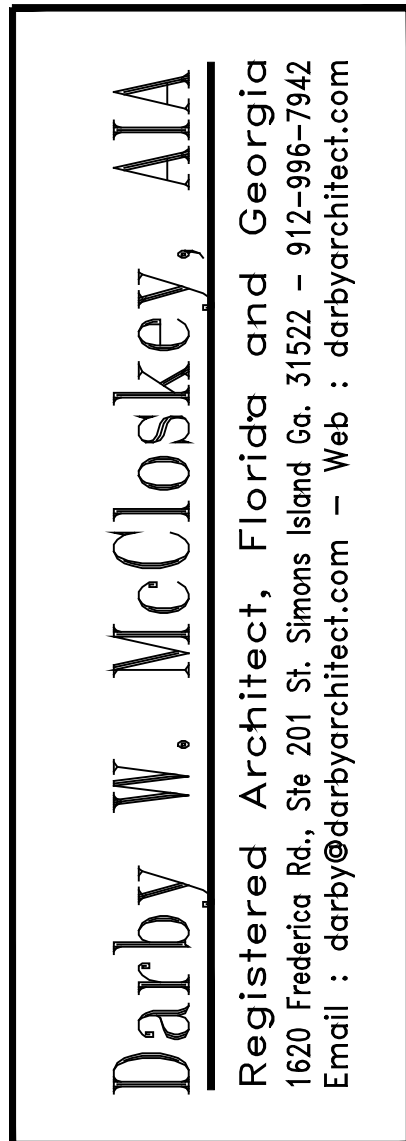
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A2-2



Vv VibraSystems Inc.

FMD

COMPRESSION RUBBER MOUNTS

FMD compression mounts have great vertical-direction flexibility, and significantly reduce transfer of vibration to the supporting structure. These models are designed for installation on applications with continuous and intermittent loads. Elastomeric bodies of the isolators effectively prevent metal-to-metal contact.

Recommended for:

Motors, fans, pumps, compressors, electrical, lab-testing equipment and cabinet enclosures, as well as HVAC and other industrial equipment.

Mount dimensions in inches (in)

Model	Maximum Load (lbs)	Width A	Hole Spacing B	Length C	D	Height H	h	Hole ϕ J	Thread T	Color
FMD-1	50	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Red
FMD-2	125	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Green
FMD-3	200	1-3/4	2-3/8	3-1/8	1-1/4	1-1/4	3/16	5/16	5/16-18	Black
FMD-4	150	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Red
FMD-5	225	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Green
FMD-6	450	2-3/8	3	3-7/8	1-5/8	1-3/4	1/4	5/16	3/8-16	Black
FMD-7	450	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1-12-13	Red
FMD-8	600	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1-12-13	Green
FMD-8H	900	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1-12-13	Green
FMD-9	1,200	3-3/8	4-1/8	5-1/2	2-3/8	3	5/16	9/16	1-12-13	Black

Features:

- ✓ Maximum dynamic loads should not exceed 70% of the maximum load capacity.
- ✓ FMD models 1 to 6 can be used for wall ceiling mounts installations.
- ✓ Double deflection mounts provide better isolation for low frequency equipment such as fans, etc.
- ✓ Durable and corrosion-resistant.

Vv VibraSystems Inc.

www.vibrasystems.com

Toll free 1.800.567.0285
info@vibrasystems.com

ISO 9001:2015
CERTIFIED

P 1/2

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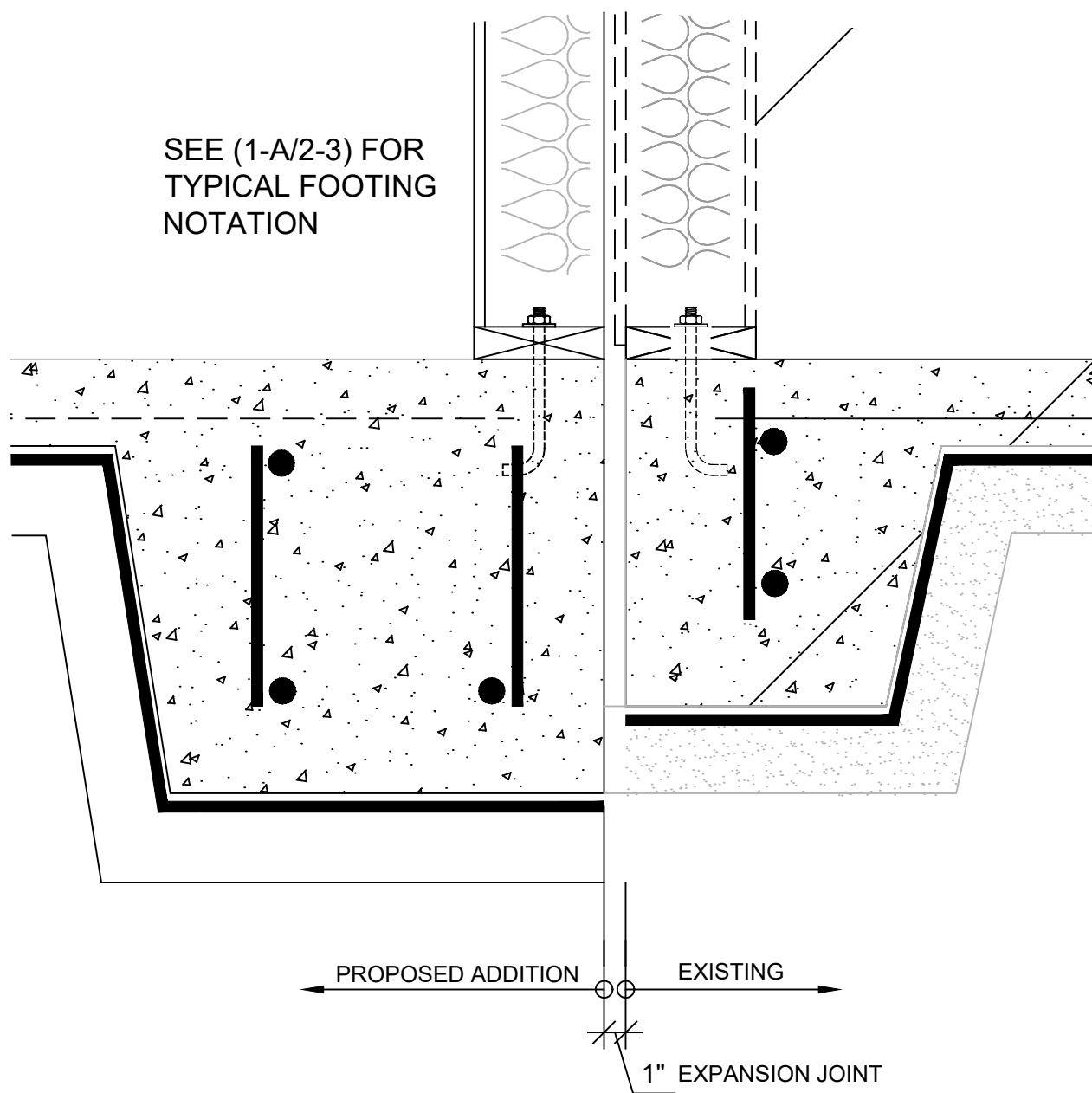
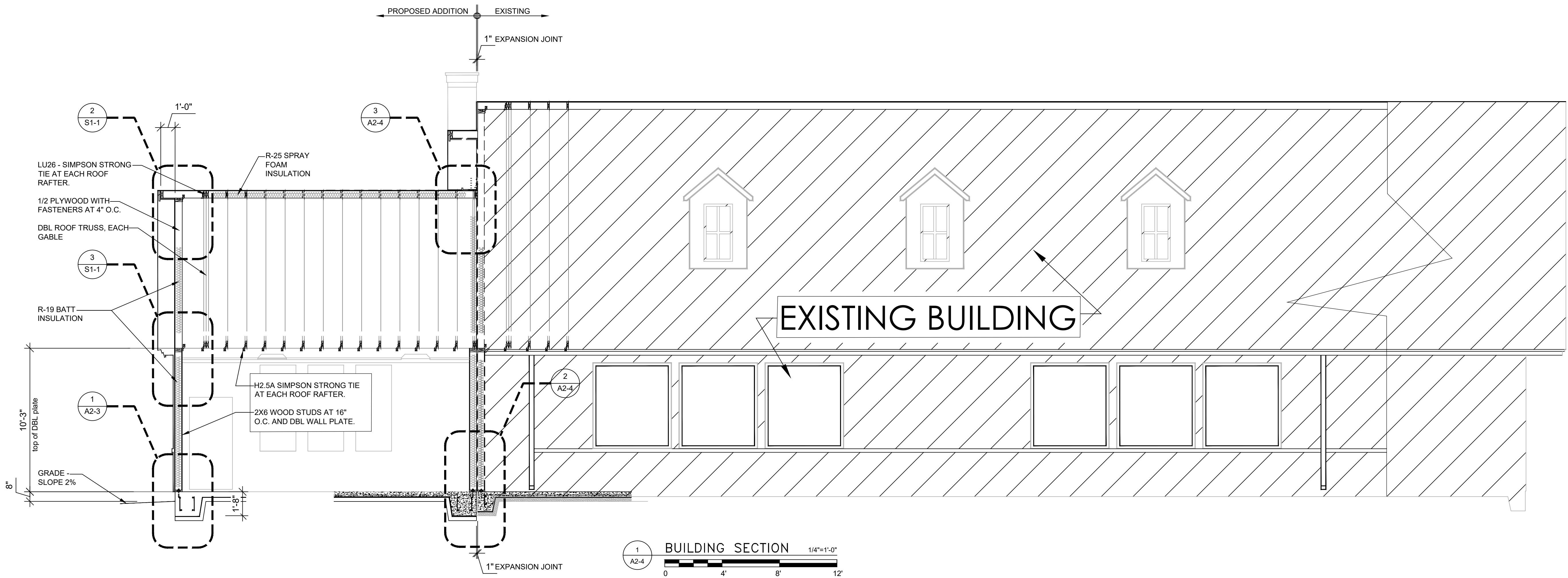
AWPA Category Use Chart
 Including Commercially Available Treatments

Compiled with the help of Great Southern Wood Preserving and Culpeneer Wood Preservers

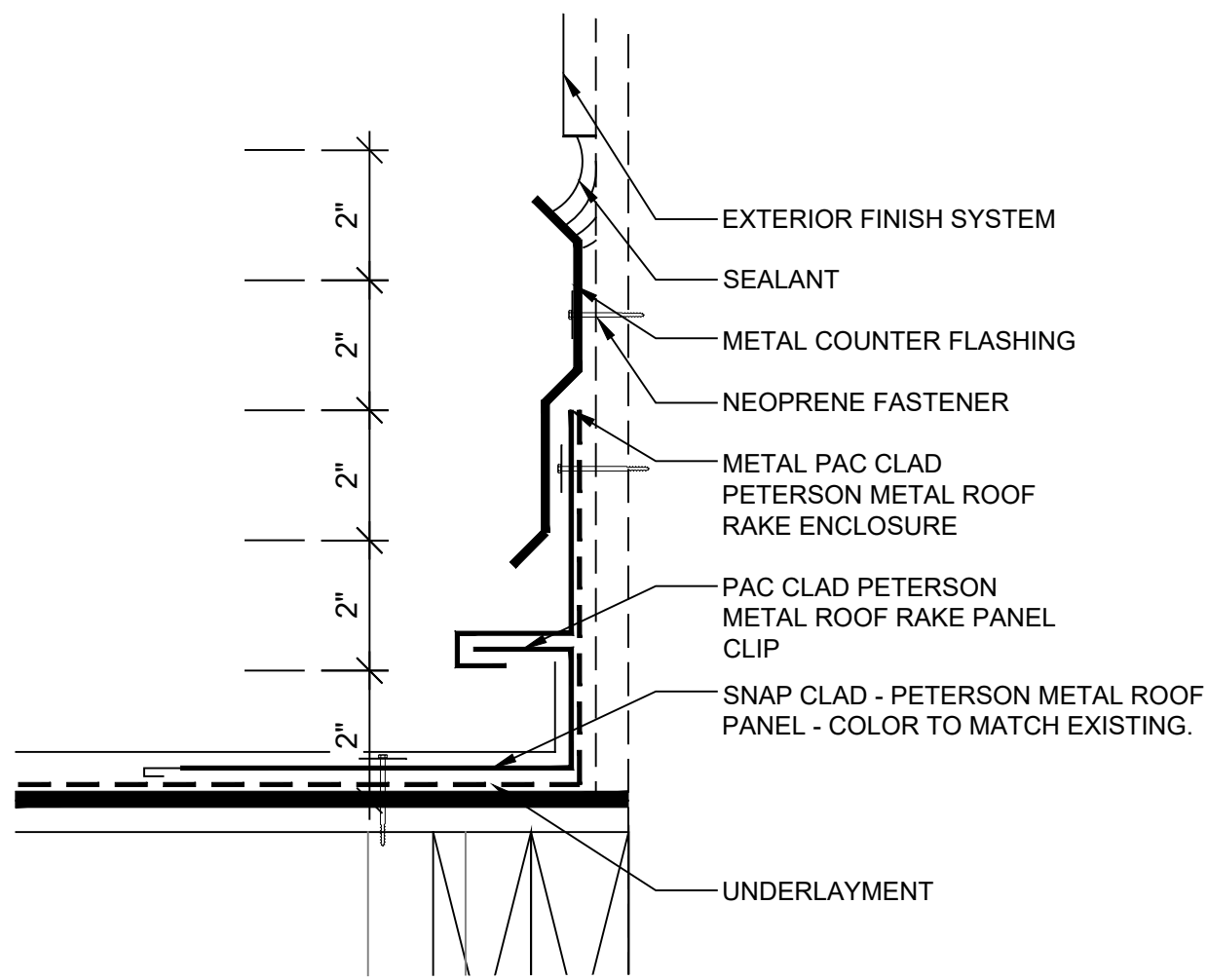
Use Category	Service Conditions	Use Environment	Common Agents of Deterioration	Typical Applications	Examples of Treatment/Retention Rates(pcf)
UC4A	Ground Contact or Fresh Water, Non-Critical Components	Exposed to all weather cycles, normal exposure conditions	Decay, fungi, insects	Fence, deck, guardrail posts, cross ties, utility posts(low decay areas)	.15 MCA .15 CA-C(dissolved) .40 ACQ
UC4B	Ground Contact or Fresh Water, Critical Components or Difficult Replacement	Exposed to all weather cycles, high decay potential including salt water splash	Decay, fungi, insects with increased potential for biodeterioration	Perminant wood foundations, building poles, horticultural posts, crossies, and utility poles.	.60 CCA .23 MCA .31 CA-C (dissolved) .80 CCA(boards and timbers) .60 ACQ
UC4C	Ground Contact or Fresh Water, Critical Structural Components	Exposed to all weather cycles, severe environments, extreme decay potential	Decay, fungi and insects with extreme potential for biodeterioration	Land and fresh water piling, foundation piling, crossies, and utility poles(severe decay areas)	.80 CCA(piling only)
UC5B	Salt or Brackish Water New Jersey through Georgia on East Coast	Continuous marine exposure (salt water)	Salt water organisms including Limnoria Tripunctata	Piling, bulkheads, bracing	2.5 CCA
UC5C	Salt or Brackish Water South of Georgia on East Coast and Gulf	Continuous marine exposure (salt water)	Salt water organisms including Martesia and Sphaeroma	Piling, bulkheads, bracing	2.5 CCA

Excerpts from AWPA U3-17, Use Category System: User Specification for treated wood, Table 2-3

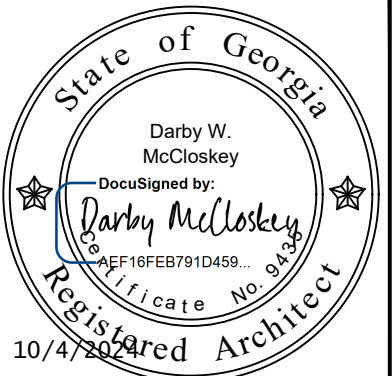
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2427	
10-02-2024	
A2-3	



2
A2-4
SECTION
0 3" 6" 9" 1-0 1-6 2-0



3
A2-4
SECTION
0 1" 2" 3" 4" 6" 8" 1-0
3" = 1'-0"



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A2-4



SEISMIC REQUIREMENTS FOR CEILINGS 144 GSF OR GREATER

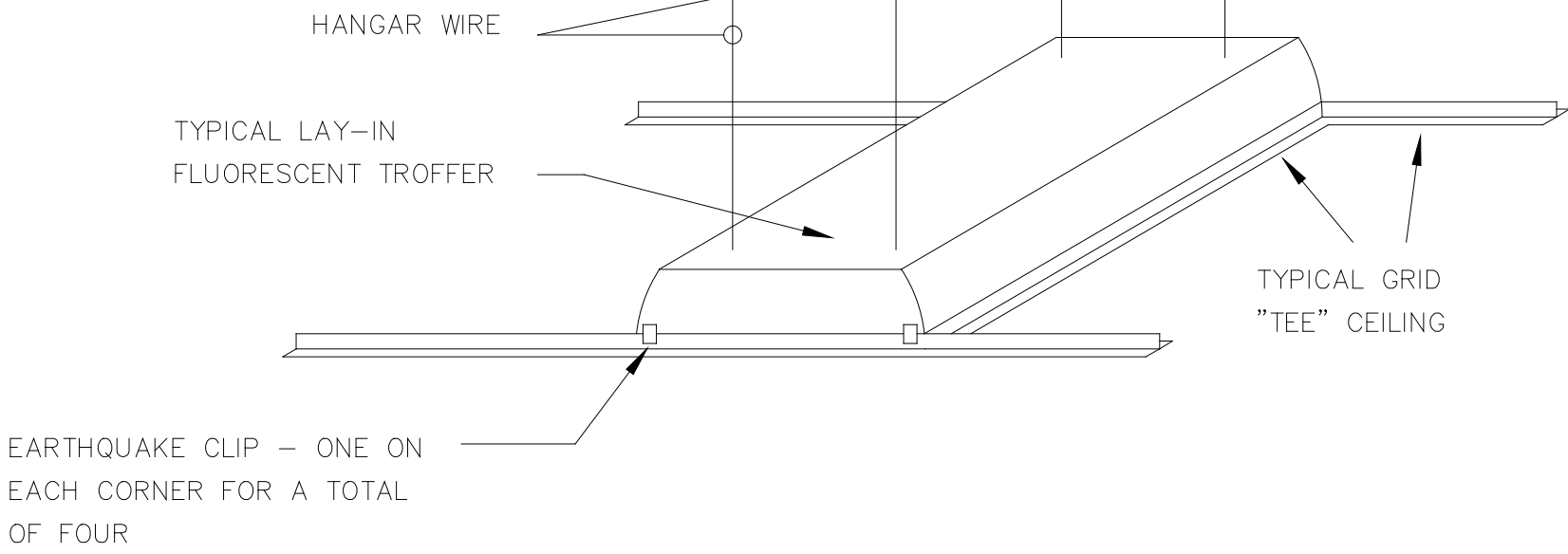
CATEGORY REQUIREMENTS

CONNECTIONS/HANGERS	NOTE: USE HEAVY DUTY GRID
INTERSECTION STRENGTH	180 LBS
HANGERS	#12 @ 4' O.C./#10 @ 5' O.C.
PLUMB	NOT MORE THAN 1 IN 6 OR 10" FROM VERTICAL
CONNECTION DEVICES	MIN. 200LBS.
PERIMETER WIRES - ALL WALLS	MAXIMUM 8" FROM ALL WALLS
SPLAY BRACING	NOTE: USE HEAVY DUTY GRID
4 WIRE CLUSTERS	REQUIRED OVER 1000 SF.
FIRST POINT	MAX. 6" FROM PERIMETER WALLS
SPACING	12" O.C.
CONNECTION STRENGTH	MIN. 200LBS.
COMPRESSION POSTS	REQUIRED (CONDUIT/STEEL STUD)
MOLDING/PARTITIONS	NOTE: USE HEAVY DUTY GRID
MOLDING	MIN. 2"
ATTACHMENT (NO MOVEMENT)	REQUIRED @ 2' ADJACENT WALLS
CLEARANCE (FREE TO MOVE)	3/4" @ 2' ADJACENT WALLS
SPACER BARS	REQUIRED - IF CLIPS NOT USED
PARTITION ATTACHMENT	ALLOWED WITH BRACING, UNDER 2,500 SF.
LIGHTING/FIXTURES	NOTE: USE HEAVY DUTY GRID
RECESSED CAN LIGHTS	1 SLACK WIRE OR ATTACH TO GRID
LIGHTS LESS THAN 56LBS	2 CONNECTORS/2 SLACK WIRES
LIGHTS GREATER THAN 56LBS	SUSPEND FROM STRUCTURE, NOT GRID
MECHANICAL LESS THAN 20LBS	ATTACHED TO GRID
MECH GREATER THAN 20LBS, LESS THAN 56LBS.	2 SLACK WIRES
MECHANICAL GREATER THAN 56LBS	SUSPEND FROM STRUCTURE, NOT GRID

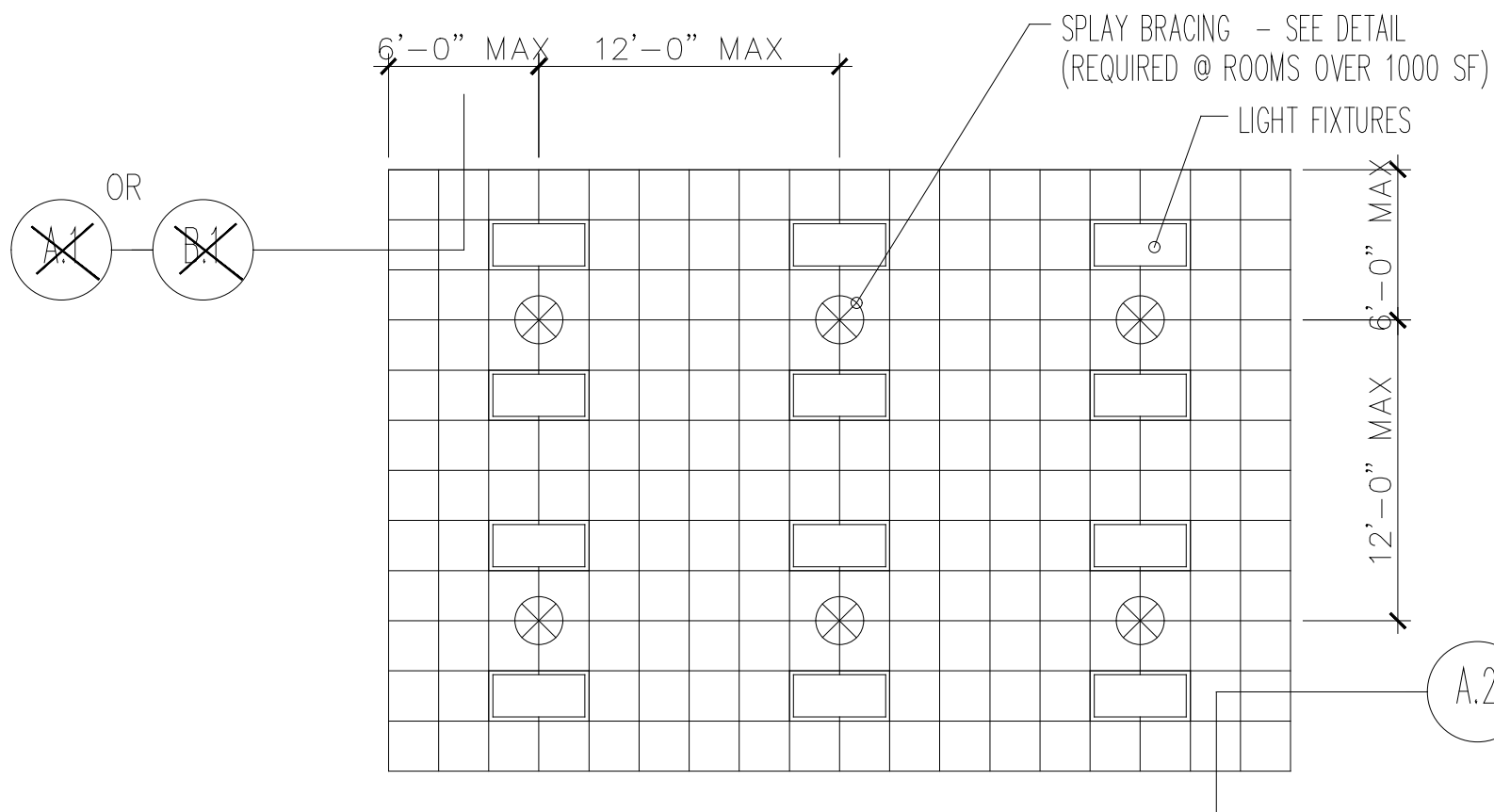
USE OF PROPRIETARY MANUF SEISMIC DETAILS SHALL REQUIRE APPROVAL FROM ARCHITECT

NOTE:

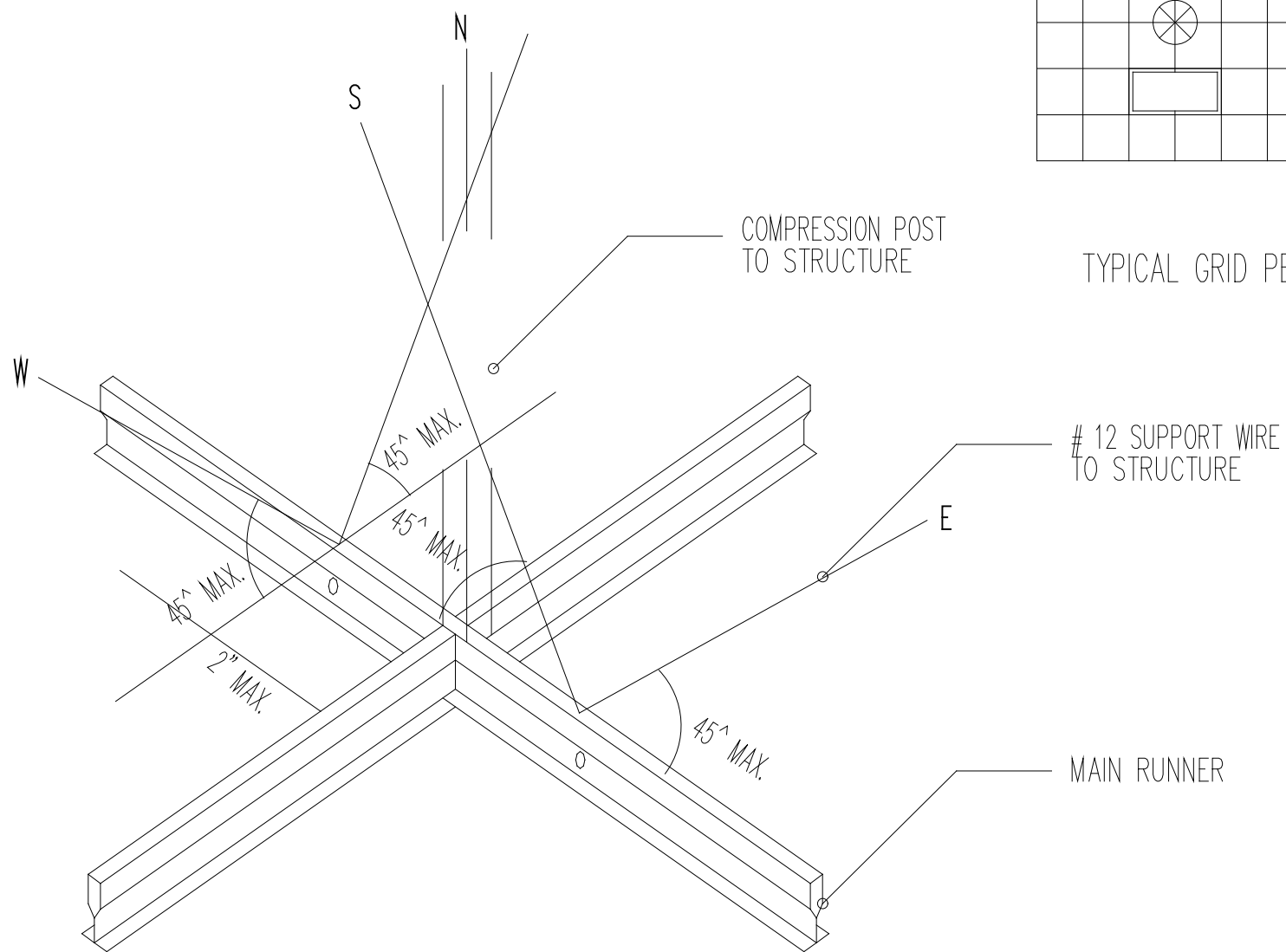
FOR FIXTURES WEIGHING 56 LBS. OR MORE, INSTALL #12 GAUGE HANGER WIRE ATTACHED TO STRUCTURE ABOVE - ONE AT EACH CORNER OF FIXTURE FOR A TOTAL OF FOUR. HANGER WIRES MUST BE INSTALLED VERTICAL BUT NOT MORE THAN 1 IN 6 OUT OF PLUMB. FOR FIXTURES WEIGHING LESS THAN 56 LBS., WIRES MAY BE INSTALLED SLACK AT TWO CORNERS ONLY.



1
A2-1
CEILING DETAILS
NTS - NOT TO SCALE

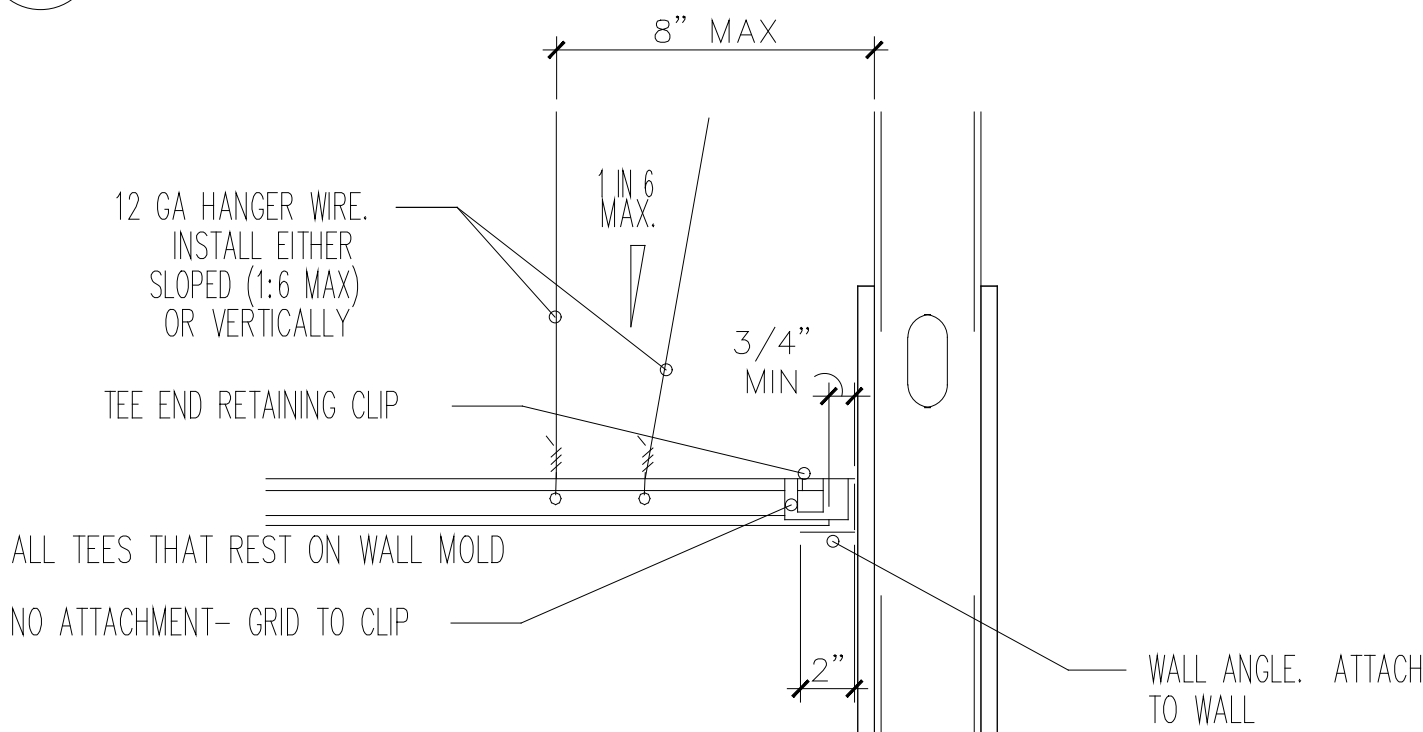
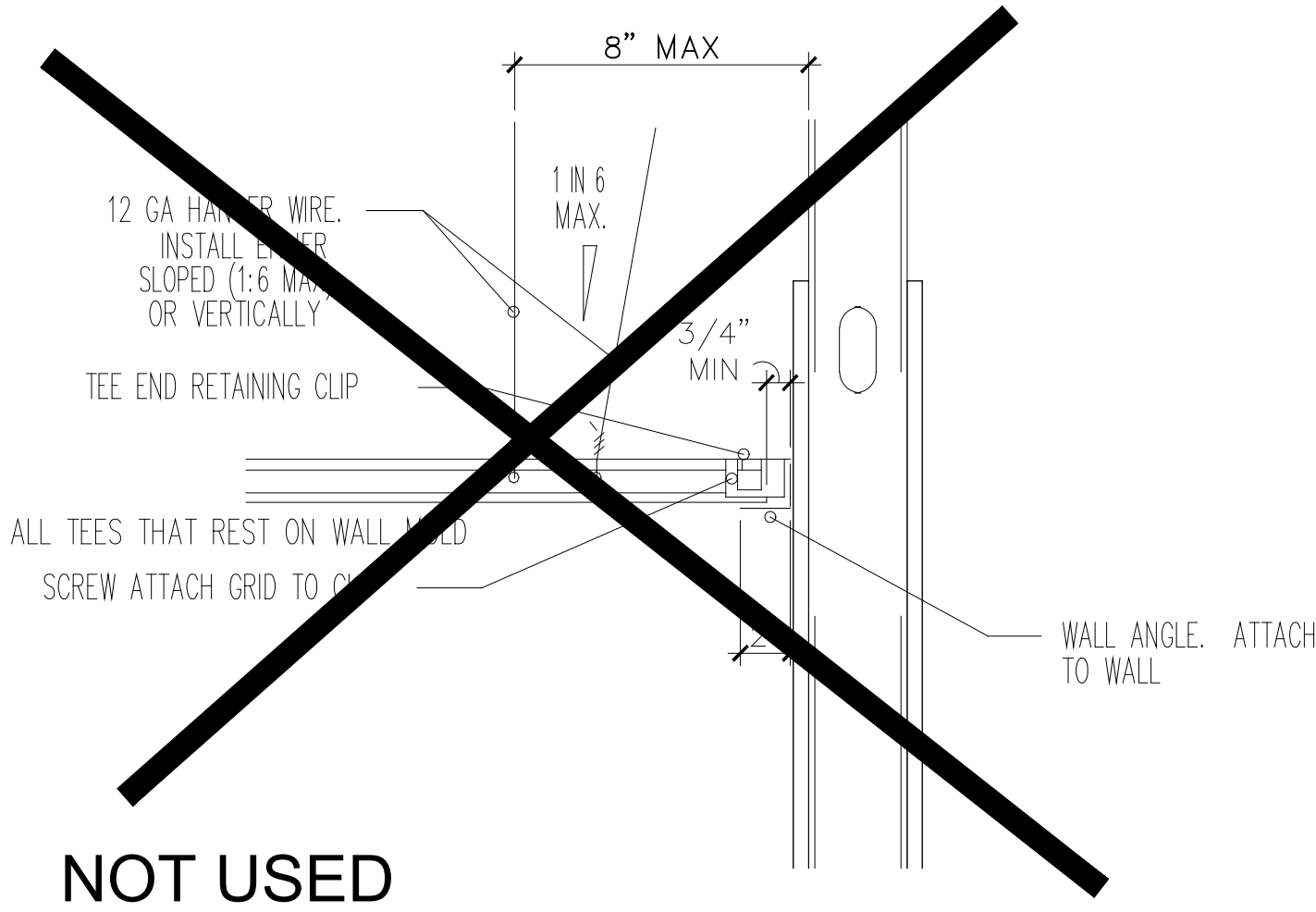


TYPICAL GRID PERIMETER DETAIL LOCATIONS



SPLAY BRACING DETAIL
(REQUIRED @ ROOMS OVER 1000 SF)

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CEILING GRID IS NOT ATTACHED TO WALL

ATTACHMENT NOTES:

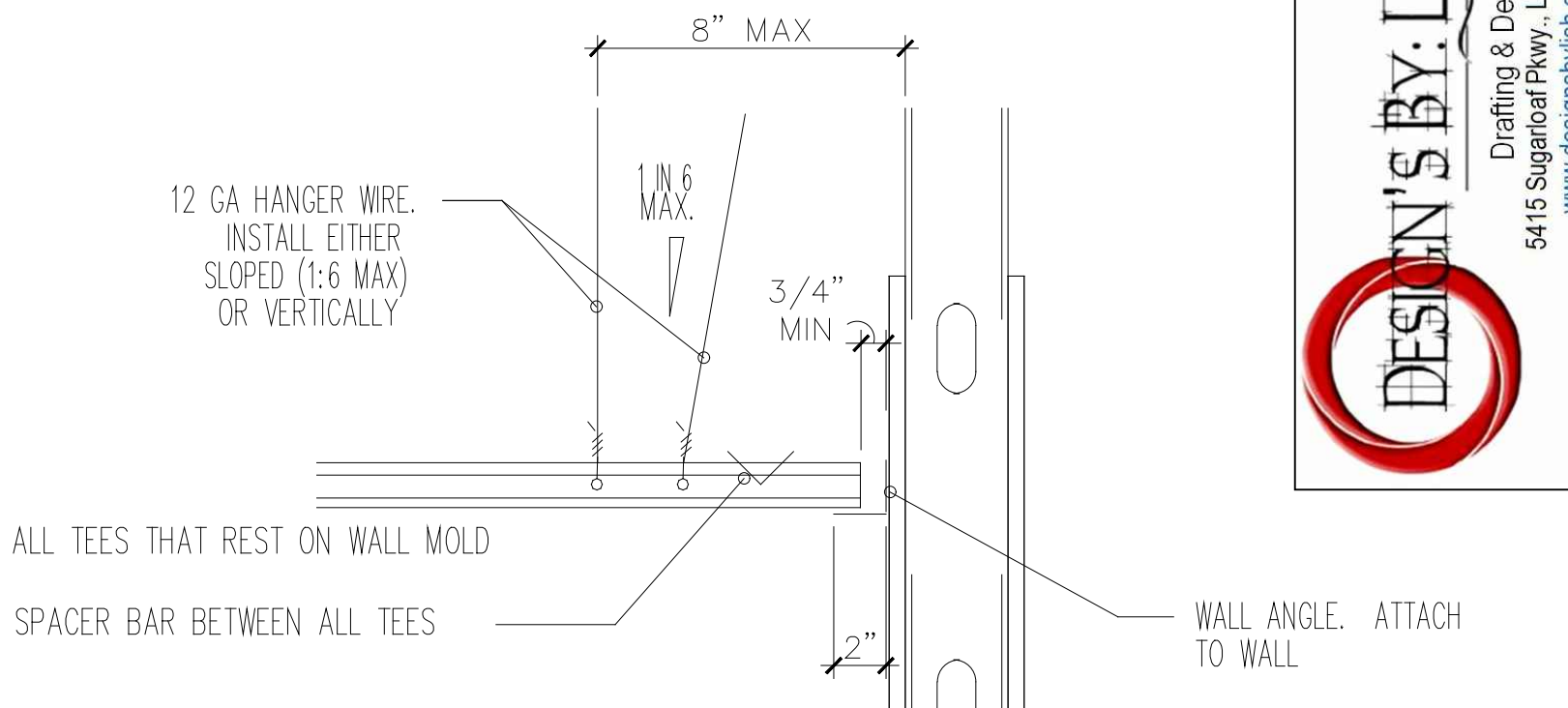
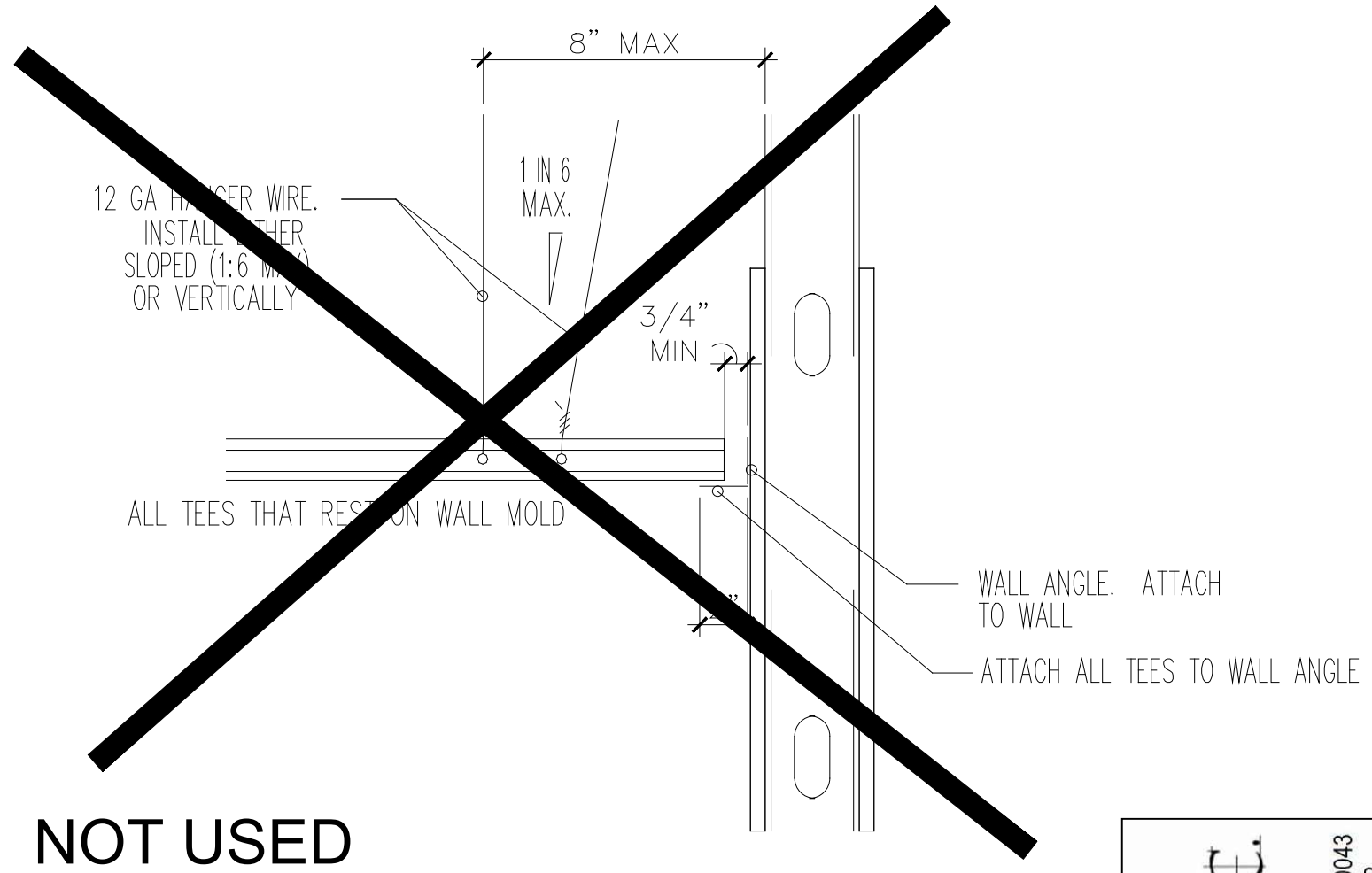
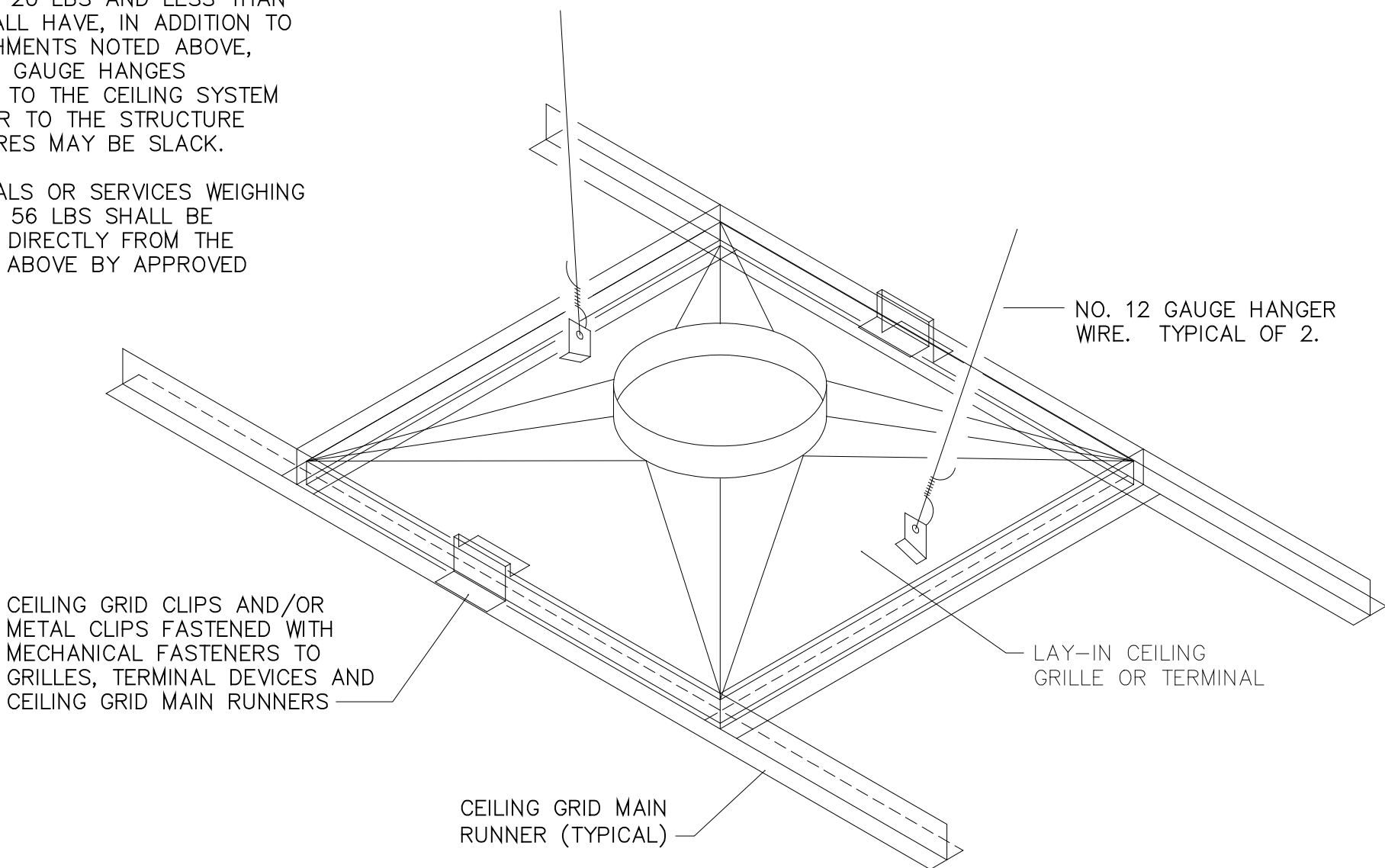
CEILING MOUNTED AIR TERMINALS OR SERVICES WEIGHING 20 LBS. OR LESS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR CROSS RUNNERS.

AIR TERMINALS OR SERVICES WEIGHING MORE THAN 20 LBS AND LESS THAN 56 LBS SHALL HAVE, IN ADDITION TO THE ATTACHMENTS NOTED ABOVE, TWO NO. 12 GAUGE HANGES CONNECTED TO THE CEILING SYSTEM HANGERS OR TO THE STRUCTURE ABOVE. WIRES MAY BE SLACK.

AIR TERMINALS OR SERVICES WEIGHING MORE THAN 56 LBS SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS.

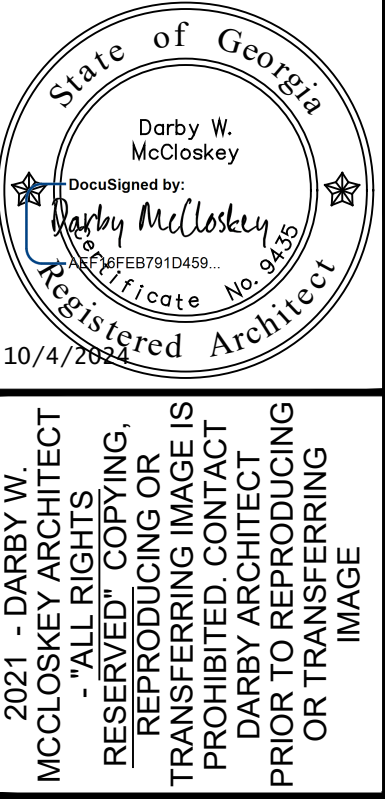
AIR TERMINAL / SERVICES SIESMIC
RESTRAINT DETAIL

NO SCALE



CEILING GRID IS NOT ATTACHED TO WALL

FOR CONSTRUCTION



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**A "BUILDING PERMIT APPLICATION FOR
SUPER GOLDEN BUFFET 915 North Point Dr,
Alpharetta, GA 30022**

BUILDING OWNER: Milkathy Corp
1069 W MORSE BLVD
WINTER PARK FL 32789
OWNER AGENT : Designs BY LISH LLC. designs.by.lish@gmail.com - (407) 728-2022

DESIGN'S BY: LISH LLC.

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2427
10-02-2024

A3-1

[illegible]

FINISH NOTES

1. EXTERIOR CONCRETE AND SHALL REMAIN UN-FINISHED - PROVIDE BROOM FINISH.
 2. (IF NEEDED) CONCRETE BLOCK SHALL RECEIVE BLOCK FILLER AND TWO COATS FINISH PAINT AT ALL CONCRETE MASONRY PRODUCTS.
 3. (PT) PAINT - PROVIDE 2 COATS MIN. FINISH PAINT AND ONE COAT PRIMER EACH SURFACE. ARCHITECT TO SELECT PAINT COLOR FROM STANDARD COLORS.
 4. (PT) - PAINT ALL EXPOSED STEEL THAT IS IN PLAIN VIEW AT ANY FLOOR LEVEL.
 5. GYPSUM BOARD (GB) - SHALL RECEIVE LEVEL THREE (3) AS DESCRIBED IN THE GYP. BD. ASSOCIATION.
 6. PROVIDE 1X2 MARBLE TRANSITION STRIPS BETWEEN DIFFERENT FLOOR FINISHES. FINISH NOTES
 7. (ACT) - ACOUSTICAL CEILING TILE BY ARMSTRONG, ULTIMA Lay-In and Tegular
PRODUCT NUMBER 1915, 2X4 WITH MIN. NRC RATING OF .75, WITH BEVELED TEGULAR EDGE.
 8. (RB) - RUBBER BASE SHALL BE BLACK, BY ARMSTRONG. VINYL BASE IS NOT ACCEPTABLE. RUBBER BASE NOT REQUIRED AT METAL BUILDING INTERIOR LINER PANEL.
- SEALED CONCRETE SHALL BE AN (EC) - EPOXY COATING, - 2 PART EPOXY GARAGE FLOOR COATING WITH GRANITE COLOR FLECKS, FROM QUIKRETE. 0703-57 GRAY. OR INCRETE SYSTEMS HIGH PERFORMANCE EPOXY
9. PROVIDE FIBERGLASS R-19 BATT. INSULATION FOR ACOUSTIC PURPOSES ABOVE / IN THE CEILING OF ALL PROPOSED SPACES

DOOR SCHEDULE												
MARK	SIZE	DOOR					FRAME					
	W - H - D	TYPE	RATING	MATERIAL	FINISH	GLAZING	HARDWARE	MATERIAL	TYPE	FINISH	REMARKS	NOTES
100	3-0 X 6-8 x 1.75	ONE	NONE	H.M.	PAINT	NONE	—	HM	—	PAINT		LOCK/ENTRACNE SET / NOTE 4
101	4-0 X 6-8 x 1.75	ONE	NONE	WOOD	PAINT	NONE	—	WOOD	—	PAINT		OFFICE SET
102	3-0 X 6-8 x 1.75	ONE	NONE	H.M.	PAINT	NONE	—	HM	—	PAINT		LOCK/ENTRACNE SET / NOTE 4

DOOR HARDWARE:

Schlage ALX50P ATH (Athens) - LEVER HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. LEVER OPERATED MECHANISMS, PUSH TYPE MECHANISMS AND "U" SHAPED HANDLES ARE ACCEPTABLE DESIGNS - GEORGIA ACCESSIBILITY CODE.

DOOR SCHEDULE NOTES

1. ALL INTERIOR AND EXTERIOR DOORS SHALL HAVE LEVER TYPE DOOR HARDWARE AS REQUIRED BY ADA.
2. DOORS AND WINDOWS SHALL BE OBTAINED FROM SAME SOURCE COMPANY, PROVIDE WIND TESTING DATA FOR EXTERIOR OPENINGS.
3. INTERIOR WOOD DOORS SHALL BE 7 PLY SOLID CORE.
4. PROVIDE DOOR CLOSURE ON ALL EXTERIOR DOORS.
5. PROVIDE WALL MOUNTED DOOR STOPS BOBRICK B-687.
6. PROVIDE OFFICE / ENTRANCE LOCKSET AT DINING, OFFICE LOCKSET AT OFFICE.
7. RE-Key FRONT AND REAR DOORS TO MATCH OR REPLACE CYLINDER.
8. M-D Building Products DB005 Vinyl Insert Mill Door Sweep AND WEATHER STRIPPING FOR SOUND CONTROL AT THE FOLLOWING LOCATIONS: ADA TOILET ROOM

603.1 Allowable Materials

Combustible materials shall be permitted in buildings of Type I or II construction in the following applications and in accordance with Sections 603.1.1 through 603.1.3:

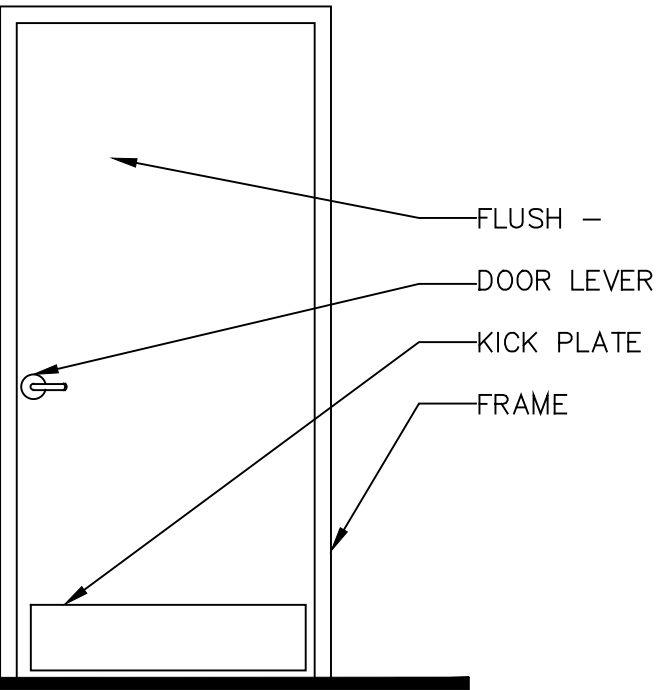
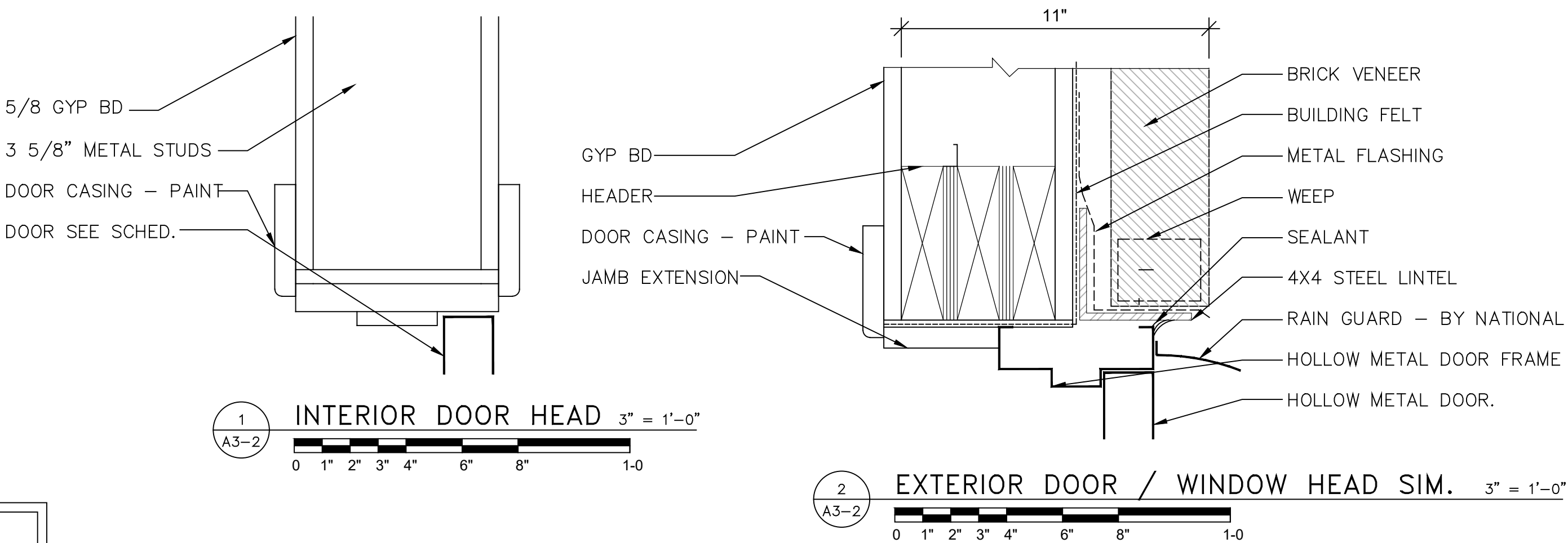
1. Fire-retardant-treated wood shall be permitted in:
 - Nonbearing partitions where the required fire-resistance rating is 2 hours or less.
 - Nonbearing exterior walls where fire-resistance-rated construction is not required.
 - Roof construction, including girders, trusses, framing and decking.

Exception: In buildings of Type IA construction exceeding two stories above grade plane, fire-retardant-treated wood is not permitted in roof construction where the vertical distance from the upper floor to the roof is less than 20 feet (6096 mm).

- Balconies, porches, decks and exterior stairways not used as required exits on buildings three stories or less above grade plane.
2. Thermal and acoustical insulation, other than foam plastics, having a flame spread index of not more than 25.
- Exceptions: - Insulation placed between two layers of noncombustible materials without an intervening airspace shall be allowed to have a flame spread index of not more than 100.

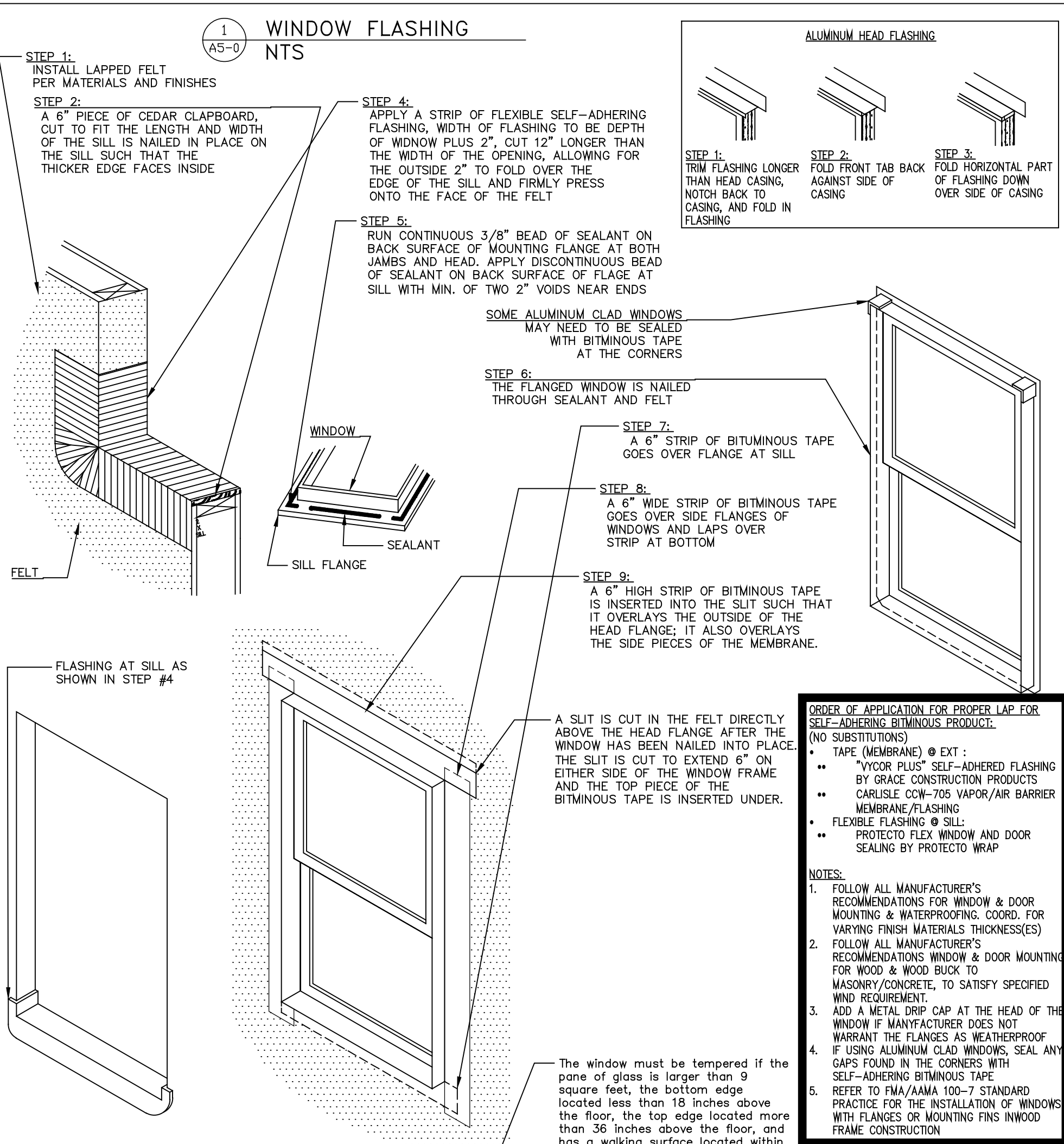
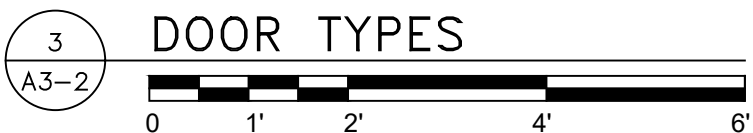
-Insulation installed between a finished floor and solid decking without intervening airspace shall be allowed to have a flame spread index of not more than 200.

3. Foam plastics in accordance with Chapter 26.
4. Roof coverings that have an A, B or C classification.
5. Interior floor finish and floor covering materials installed in accordance with Section 804.
6. Millwork such as doors, door frames, window sashes and frames.
7. Interior wall and ceiling finishes installed in accordance with Section 803.
8. Trim installed in accordance with Section 806.



ONE

DOOR TYPES



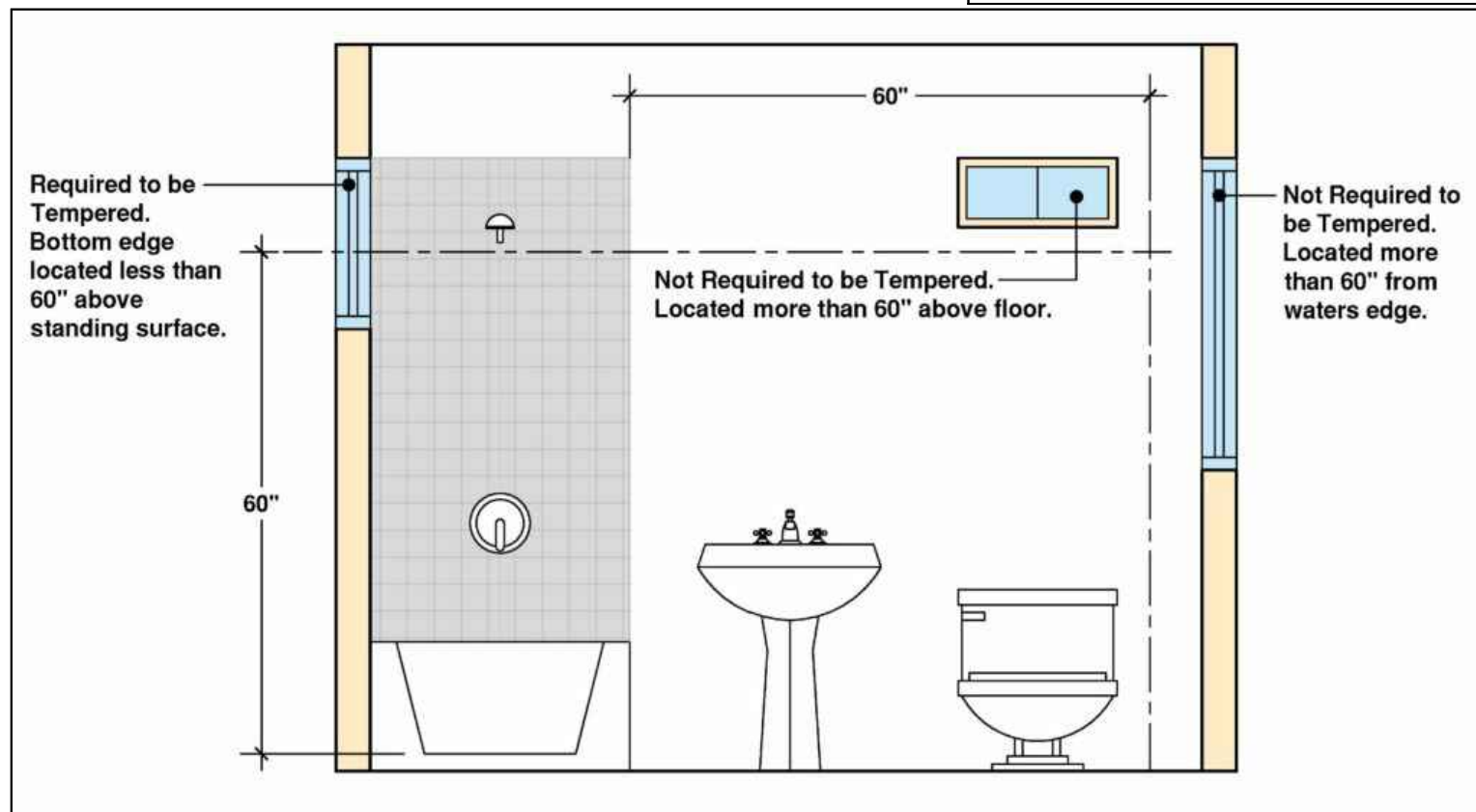
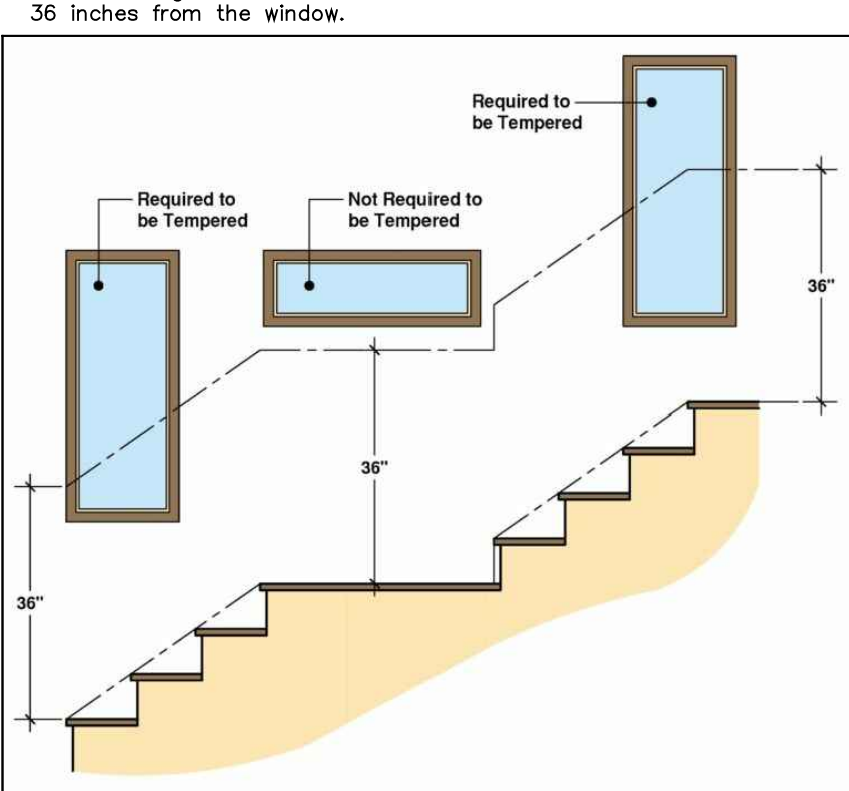
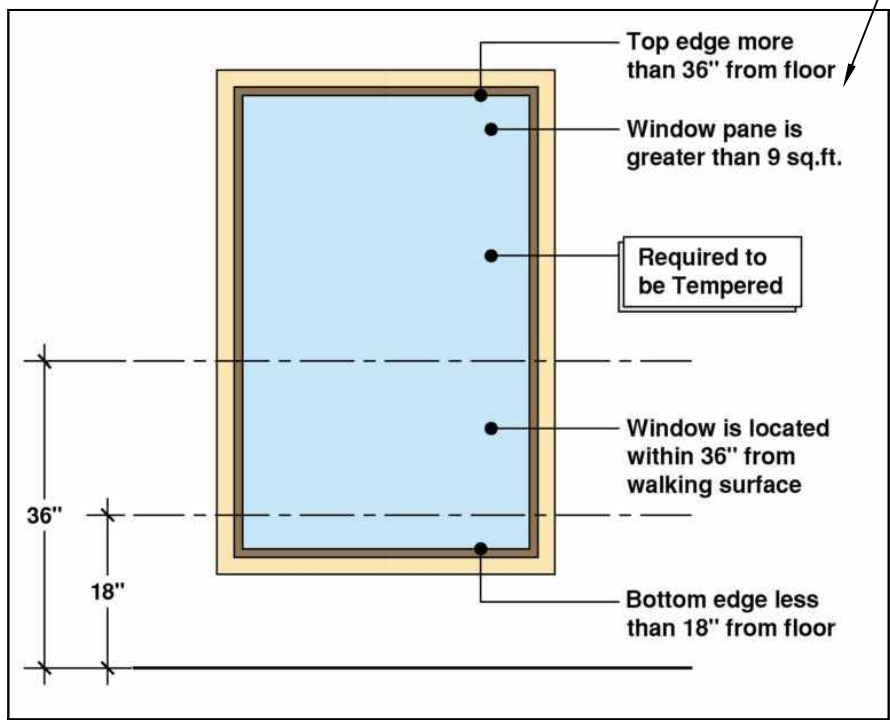
ORDER OF APPLICATION FOR PROPER LAP FOR
SELF-ADHERING BITUMINOUS PRODUCT:

- (NO SUBSTITUTIONS)
- TAPE (MEMBRANE) @ EXT :
 - "VYCOR PLUS" SELF-ADHERED FLASHING BY GRACE CONSTRUCTION PRODUCTS
 - CARLISLE CCW-705 VAPOR/AIR BARRIER MEMBRANE/FLASHING
- FLEXIBLE FLASHING @ SILL:
 - PROTECTO FLEX WINDOW AND DOOR SEALING BY PROTECTO WRAP

NOTES:

1. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS FOR WINDOW & DOOR MOUNTING & WATERPROOFING. COORD. FOR VARIOUS HIGH MATERIALS THROUGHOUT.
2. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS WINDOW & DOOR MOUNTING FOR WOOD & WOOD BUCK TO MASONRY/CONCRETE, TO SATISFY SPECIFIED WIND REQUIREMENT.
3. ADD A METAL RIP CAP AT THE HEAD OF THE WINDOW. IF ANY MANUFACTURER DOES NOT WARRANT THE FLANGES AS WEATHERPROOF IF USING ALUMINUM CLAD WINDOWS, SEAL ALL GAPS FOUND IN THE CORNERS WITH SELF-ADHERING BITUMINOUS TAPE.
4. REFER TO FMA/AMA 1000 STANDARD SPECIFICATION FOR INSTALLATION OF WINDOW WITH FLANGES OR MOUNTING FINIS INWOOD FRAME CONSTRUCTION

— The window must be tempered if the pane of glass is larger than 9 square feet, the bottom edge located less than 18 inches above the floor, the top edge located more than 36 inches above the floor, and has a walking surface located within 36 inches from the window.



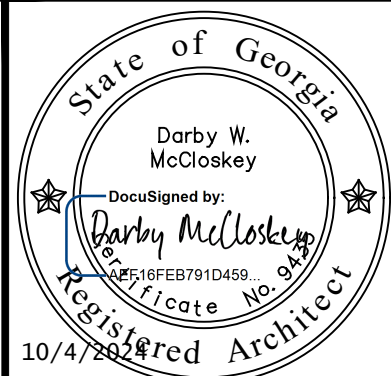
When glass is adjacent to a stairway, stair landing, or ramp, and where the bottom of the glass is located less than 36 inches above the walking surface of these features, then it is required to be tempered.

When glass is located in walls, enclosures or fences facing all of the wet locations listed above, it must be tempered where the bottom edge of the glass is located less than 60 inches vertically from the floor. This applies to both single and multiple glazing.

TEMPERED GLAZING LOCATIONS



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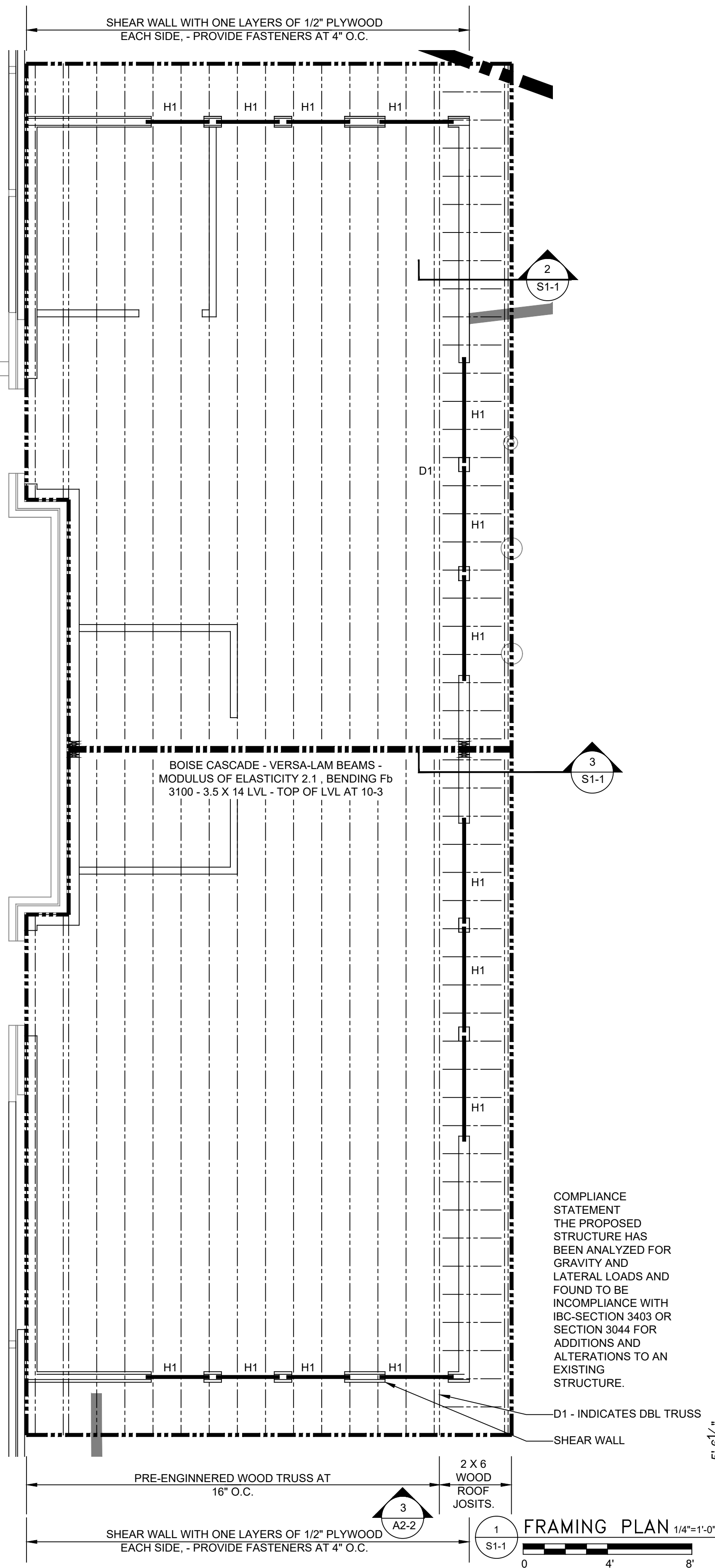
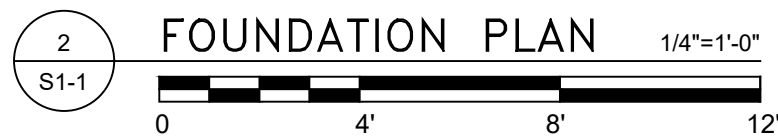
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H1 (2) - 2 x 6 header
NOTE: MIN. BEARING 4"



COMPLIANCE
STATEMENT
THE PROPOSED
STRUCTURE HAS
BEEN ANALYZED FOR
GRAVITY AND
LATERAL LOADS AND
FOUND TO BE
INCOMPLIANCE WITH
IBC-SECTION 3403 OR
SECTION 3044 FOR
ADDITIONS AND
ALTERATIONS TO AN
EXISTING
STRUCTURE.

-D1 - INDICATES DBL TRUSS
-SHEAR WALL

60'-0"

5'-6 1/2"

5

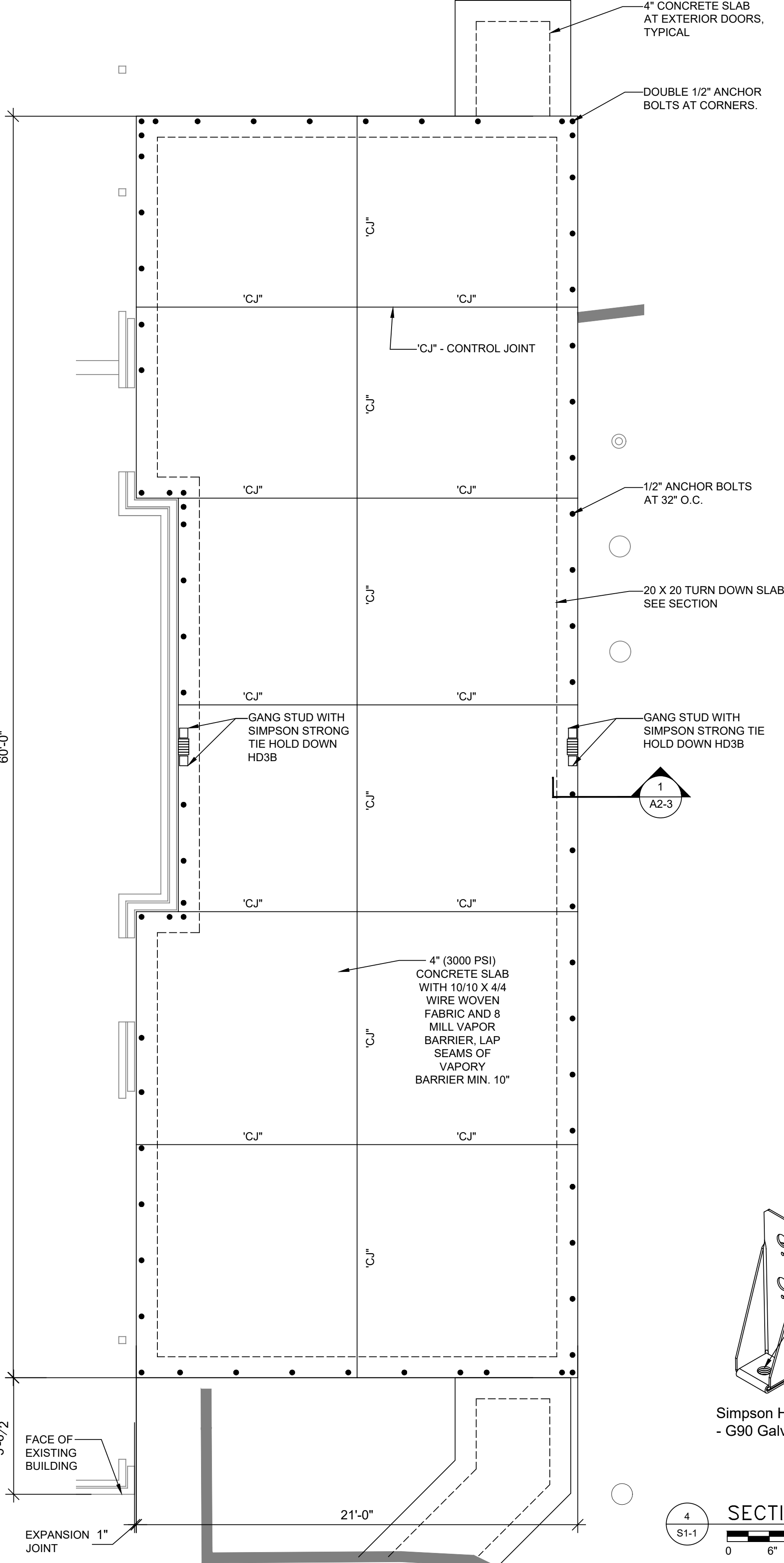
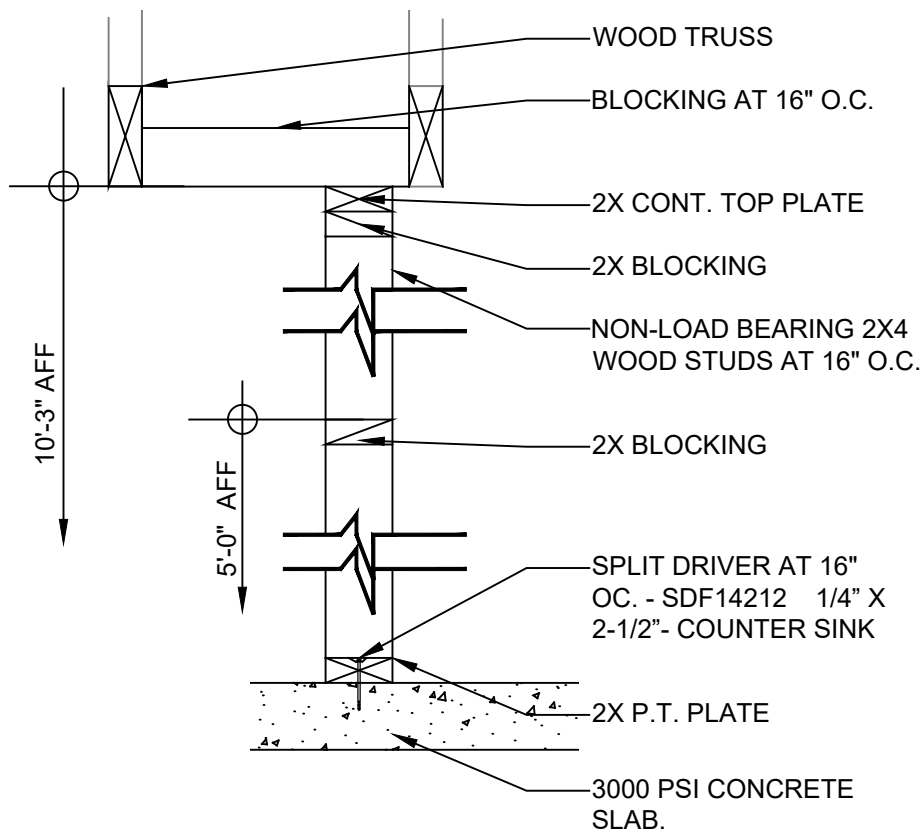
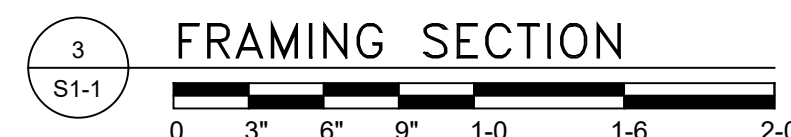
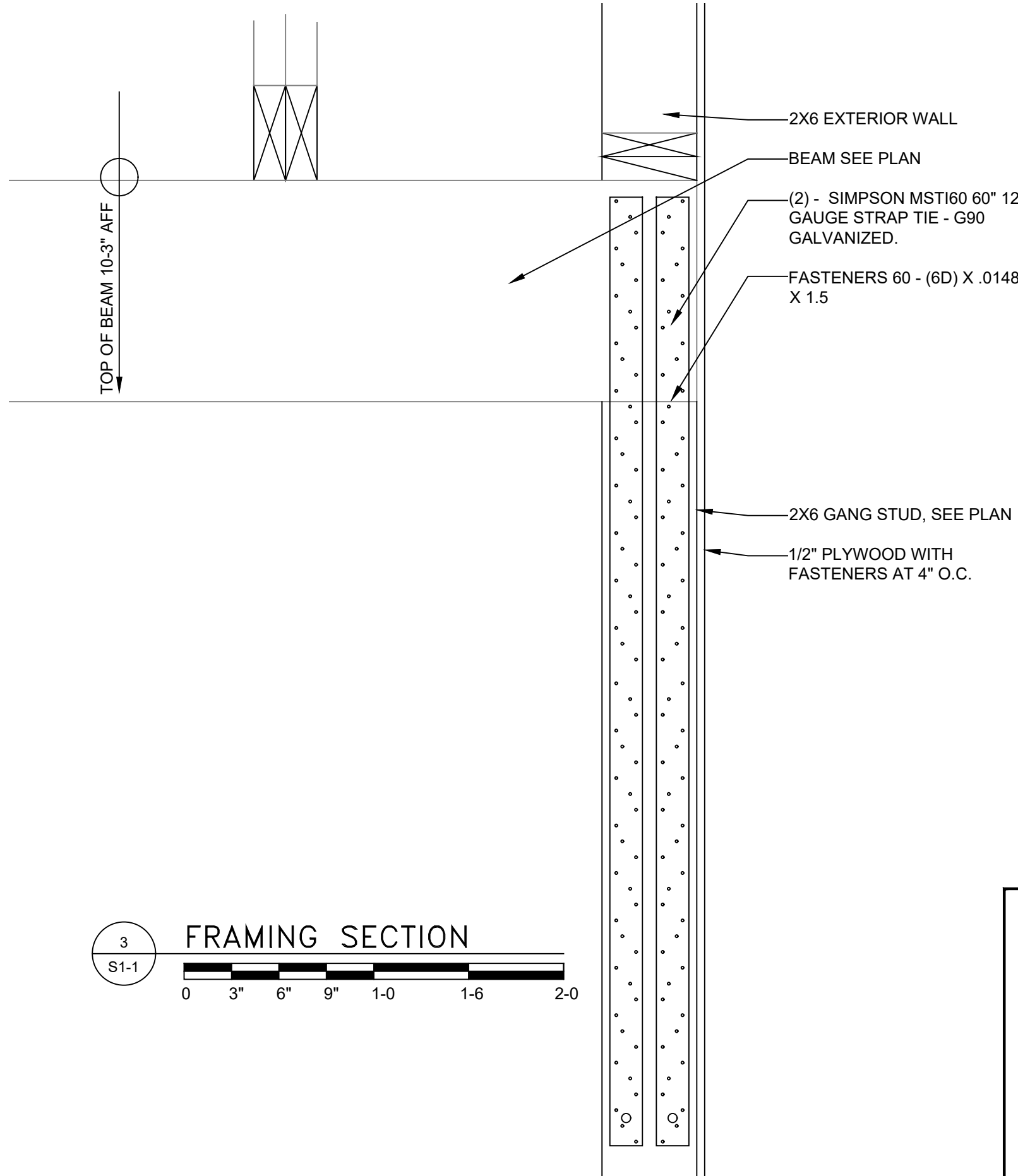
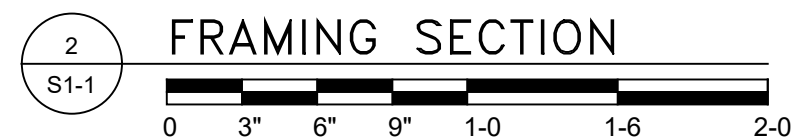
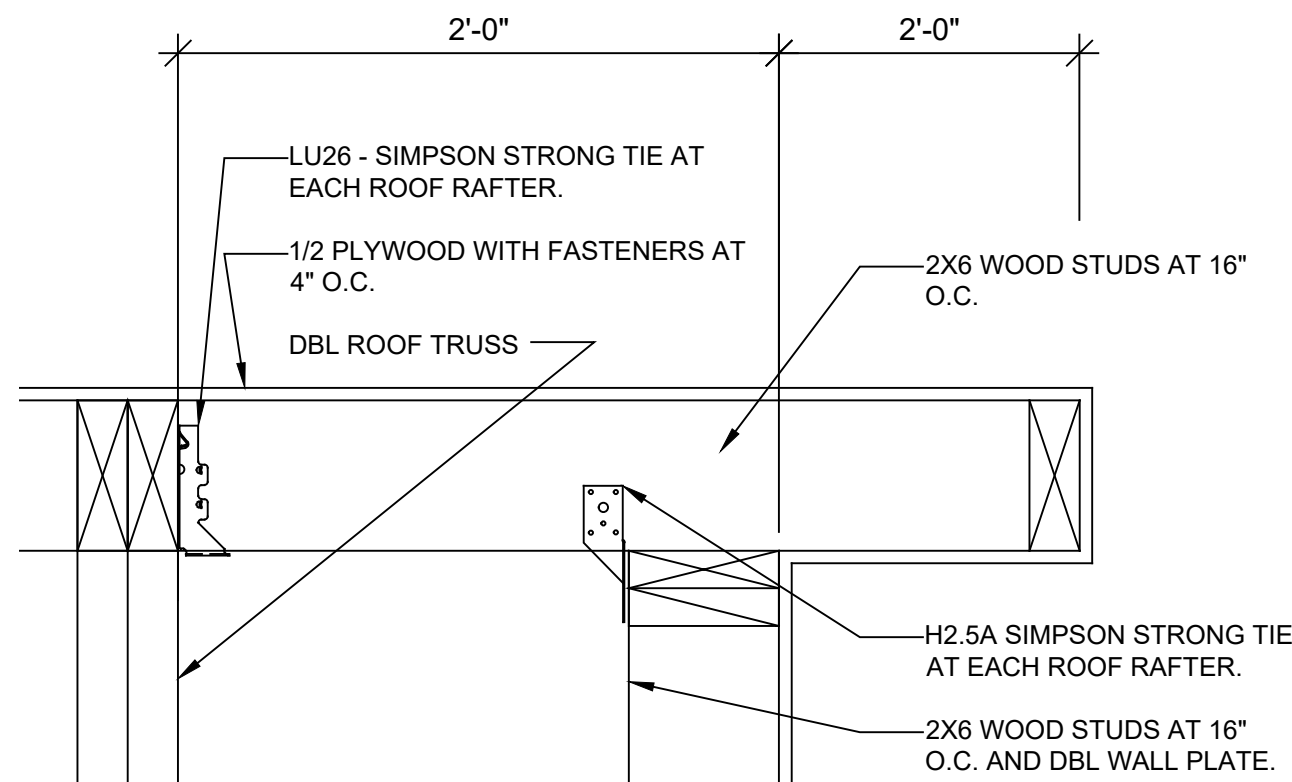


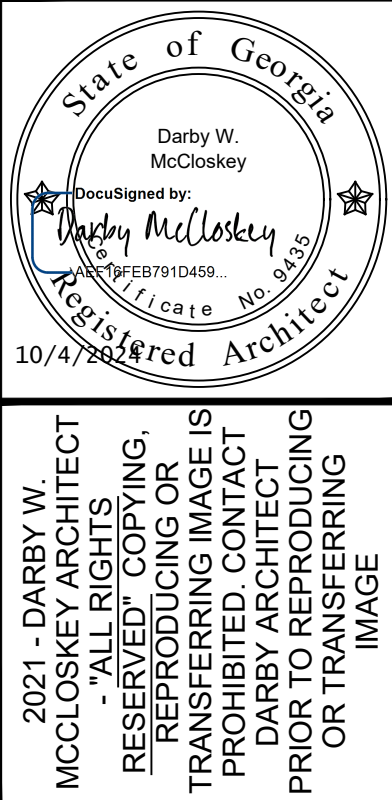
Diagram showing the side view of the assembly. Callouts indicate:

- 1/2" CARRIAGE BOLTS WITH OVERSIZED WASHER.
- PROVIDE 1/2" ANCHOR BOLT

Simpson HD3B Bolted Holdown
- G90 Galvanized



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S1-1

STRUCTURAL DESIGN CRITERIA

BUILDING CODE
INTERNATIONAL BUILDING CODE 2018

GRAVITY LOADS (ASCE 7-10)
1. ROOF LIVE LOADS:
UNIFORMLY DISTRIBUTED LIVE LOADS:
TYPICAL LIVE LOAD.....20 PSF

2. FLOOR LIVE LOADS:
STANDARD FLOOR LOAD.....60 PSF

3. SUPERIMPOSED DEAD LOADS:
TYPICAL UNIFORMLY DISTRIBUTED DEAD LOADS:
TYPICAL ROOF.....10 PSF
COLLATERAL LOAD.....5 PSF

SNOW LOADS (ASCE 7-10)
GROUND SNOW LOAD,
Pg = 5 PSF (Ct=1.0)

WIND LOADS (ASCE 7-10)
BASIC WIND SPEED - SEE MAP 1609C
(3 SEC GUST) ±110 MPH
RISK CATEGORY = II - ALL OTHER BUILDINGS OTHER THEN CAT I, CAT III OR CAT IV.
MWFRS EXPOSURE = B SEE SECTION 1609.4.3
GcP = ± 0.18

SEISMIC CRITERIA (IBC 2018 / ASCE 7-10)
RISK CATEGORY = II
IMPORTANCE FACTOR = 1.00
DESIGN CATEGORY = B
SITE CLASS = D
Ss = 0.155 g
S1 = 0.077 g
SDS = 0.165 g
SD1 = 0.122 g
SEISMIC FORCE RESISTING SYSTEM:
STEEL MOMENT FRAMES (BY PEMB)
RESPONSE MODIFICATION FACTOR,
R = 3
SEISMIC RESPONSE COEFFICIENT,
Cs = 0.06
ANALYSIS PROCEDURE = EQUIVALENT
DESIGN BASE SHEAR = 12 K

ZONE 2

ZONE 1

ZONE 4

ZONE 3

ZONE 5

a = 10 FT

LATERAL FORCE

COMPONENTS & CLADDING SHALL USE WIND ZONE 5 PRESSURES (PSF), AT ROOF USE HIGHER VALUES AT ZONE 4.

TRIBUTARY AREA 10 SQ. FT ZONE 4, 27.8 , +25.7
ROOF ZONE 5, -34.3

STRUCTURAL DESIGN
SPECIFICATION FOR WIND ANALYSIS

FOR CONTINUALLY SUPPORTED CMU WALL AND ROOF, CAT II, EXPOSURE B, BUILDING WALLS 16.66 H X 29.33 W AND MEAN ROOF AREA HEIGHT OF 24.33 FT, EFFECTIVE ROOF AREA AT COLUMN LINE "3" (IN-2)=133040.80

DESIGN PRESSURE +32.8 / -40.10

SHEER AT SCREWS (#10), FASTENING METAL ROOF TO 3X8 ROOF RAFTERS UPLIFT ON ONE JOIST 32" (SPACING)X 6-0 (1/2SPAN)X40.1 = 641.6 POUNDS UPLIFT OF SCREWS AT SHEAR VALUE OF 15.4K X 2 = 3.8K
PROVIDE SCREWS AT 12" O.C.

UPLIFT AT WALL COLUMN LINE "3"
WIND LOAD - AT CENTER WALL 16-8 X 29-4 X 40.1 X 0.87 = 17,070.55 LBS
DEAD LOAD - AT CENTER WALL 16-8 X 29.33 X 12 AT 150LB PER 1728 IN/3 = 55697.67 LBS.
DEAD LOAD ROOF AT CENTER LINE "3" 13-0 X 10-8 X 20PSF = 2756.0 LBS.
DEAD LOAD AT CONCRETE SLAB, NOT USED SEPARATED BY (PEJ)
MASS OF WALL EXCEEDS WIND LOAD BY 3.2 X

GENERAL REQUIREMENTS

1. WHERE A SECTION OR DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL SIMILAR CONDITIONS.

2. COORDINATE ALL LIMITS AND DEPTHS OF DEPRESSIONS FOR FLOOR FINISHES WITH ARCHITECTURAL DRAWINGS AND SCHEDULES. LIMITS SHOWN ON STRUCTURAL DRAWINGS ARE SCHEMATIC.

3. THE DESIGN ADEQUACY AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

4. DO NOT SCALE DRAWINGS. FOLLOW DIMENSIONS SHOWN ON PLANS.

5. CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS AND ELEVATIONS SHOWN HEREIN WITH ARCHITECTURAL PLANS, SECTIONS, AND DETAILS PRIOR TO CONSTRUCTION OR MATERIAL PURCHASE AND SHALL NOTIFY ARCHITECT IN WRITING OF DISCREPANCIES. SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND ELEVATIONS NOT SHOWN HEREIN.

6. WHERE SPECIFIED, SIMPSON OR HILTI ANCHORING SYSTEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. SPECIAL ATTENTION SHALL BE GIVEN TO THE DRILLING, CLEANING, AND PREPARATION OF HOLES. WHERE ADHESIVE ANCHORS ARE SHOWN, SPECIAL ATTENTION SHALL BE GIVEN TO THE REQUIRED MIXING, APPLICATION, AND CURING TIME OF THE ADHESIVE TYPE SPECIFIED.

7. DIMENSIONS INDICATED RELATIVE TO EXISTING STRUCTURE ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OR MATERIALS PURCHASE. CONTRACTOR SHALL NOTIFY ARCHITECT IN WRITING OF DISCREPANCIES.

8. The design of Concrete structural elements including walls, formed slabs, beams, and columns is in accordance with ASCE/SE17-16 (Building Code requirements for Structural Concrete)

1. SUBGRADE PREPARATION

2. SITE AND SUBGRADE PREPARATION SHALL BE AS ESTABLISHED IN THE GEOTECHNICAL INVESTIGATION. REFER TO GEOTECHNICAL REPORT FOR MORE DETAILED REQUIREMENTS.

3. CONTRACTOR SHALL STRIP AND REMOVE ALL VEGETATION, TOPSOIL, ROOTS, AND ORGANIC ZONES FROM THE CONSTRUCTION AREA FOR A DISTANCE OF AT LEAST 10' BEYOND THE EXTENT OF BUILDING FOUNDATION LIMITS. THE DEPTH OF STRIPPING SHALL BE THAT REQUIRED TO REMOVE SIGNIFICANT ROOT ZONES. SMALL TREE STUMPS, AND OTHER UNACCEPTABLE MATERIALS. BUT IN NO CASE SHALL IT BE LESS THAN 12".

4. THE SURFACE OF THE EXPOSED SUB GRADE SHALL BE INSPECTED BY PROBING OR TESTING TO CHECK FOR POCKETS OF SOFT OR UNSUITABLE MATERIAL. EXCAVATE UNSUITABLE SOIL AS DIRECTED BY THE GEOTECHNICAL ENGINEER / TESTING AGENCY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND OR OWNER TO HIRE A TESTING AGENCY.

5. AFTER TOPSOILS, ETC. WITHIN AND TO A POINT 10' OUTSIDE THE BUILDING CONSTRUCTION AREA HAVE BEEN REMOVED FROM THE SITE, THE UPPER 24" OF EXPOSED SOILS SHALL BE COMPACTED TO A MINIMUM DENSITY OF 95% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557) BY PROOFROLLING WITH A FULLY LOADED PNEUMATIC TIERED TANDEM AXLE DUMP TRUCK CAPABLE OF TRANSFERRING A LOAD OF 10 TO 20 TONS BY OVERLAPPING PASSES. A MINIMUM OF 8 COMPLETE PASSES SHALL BE MADE WITHIN THE BUILDING AREA.

6. PROOFROLLING SHALL BE PERFORMED UNDER THE OBSERVATION OF AN APPROVED TESTING LABORATORY SUPERVISED BY A GEOTECHNICAL ENGINEER. UNDERCUT, BACKFILL, AND COMPACT AREAS WITH PUMP, DEFLECT, PR RUT EXCESSIVE OR WHICH DO NOT STABILIZE AFTER SUCCESSIVE PASSES OF PROOFROLLING EQUIPMENT.

7. ALL CONTROLLED FILL MATERIAL SHALL BE A SELECT GRANULAR MATERIAL FREE FROM ALL ORGANICS OR OTHERWISE DELETERIOUS MATERIAL WITH NOT MORE THAN 25% BY WEIGHT PASSING A NO. 200 SIEVE (CLASSIFIED SW SP SM SM-SP OR BETTER IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM). SOILS CLASSIFIED AS CL WITH A MAX. PLASTICITY INDEX OF 25 AND A MAX. LIQUID LIMIT OF 40 MAY BE ACCEPTABLE FOR USE WELL ABOVE THE GROUND WATER TABLE.

8. AFTER COMPLETION OF DENSIFICATION OF EXISTING SOILS, PLACE STRUCTURAL FILL FOR BUILDING AND PAVEMENT AREAS IN THIN (8" TO 10") LIFTS AND COMPACT TO A MINIMUM DENSITY OF 95% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557). MATERIAL USED AS STRUCTURAL FILL SHALL BE NON-PLASTIC GRANULAR MATERIAL CONTAINING LESS THAN 15% FINES PASSING THROUGH THE NO. 200 SIEVE AND FREE OF ORGANICS, BOULDERS, OR OTHER DELETERIOUS MATERIALS.

9. ANY AREA THAT WILL BE USED FOR PARKING AND ALL DRIVEWAYS SHALL HAVE A MINIMUM OF 24" CLEAN SAND SUBGRADE COMPACTED TO A MINIMUM DENSITY OF 95% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557). PROVISIONS SHALL BE MADE FOR SUBGRADE TO DRAIN AND NOT BECOME SATURATED BY SURFACE WATER OR GROUND WATER TABLE.

10. PROVIDE FIELD DENSITY TESTS FOR EACH 3,000 S.F. OF BUILDING AREA FOR EACH LIFT OF CONTROLLED FILL.

FOUNDATIONS

1. FOUNDATION DESIGNED FOR 2500 PSF MAXIMUM ALLOWABLE SOIL BEARING PRESSURE. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER / TESTING AGENCY PRIOR TO POURING FOUNDATION CONCRETE.

2. ALL FOOTINGS AND SLABS SHALL BE ON COMPACTED SUBGRADE. SEE SPECIFICATIONS AND MINIMUM SUBGRADE REQUIREMENTS. REMOVE ALL WATER SOFTENED SOILS FROM FOOTING EXCAVATIONS PRIOR TO PLACING CONCRETE. FILL REMAINING VOIDS WITH ADDITIONAL CONCRETE.

3. TOP OF FOOTING ELEVATION SHALL BE AS SHOWN ON THE FOUNDATION PLAN. THESE ELEVATIONS ARE A MAXIMUM AND SHALL BE LOWERED AS REQUIRED TO OBTAIN THE REQUIRED DESIGN BEARING PRESSURE.

4. ALL FOUNDATION CONCRETE SHALL OBTAIN A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. ALL CONCRETE TO BE PERMANENTLY EXPOSED TO WEATHER SHALL BE AIR ENTRAINED TO 5% (± 1%) WITH AN ADMIXTURE THAT CONFORMS TO ASTM C-260

5. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE BUILDINGS". HOT WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305. COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306.

6. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60.

7. UNLESS OTHERWISE NOTED, THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:

A) CONCRETE CAST AGAINST & PERMANENTLY EXPOSED TO EARTH: 3"

B) CONCRETE EXPOSED TO WEATHER: 2"

C) #6 THROUGH # 18 BARS: 2"

D) #5 BAR, W31 OR D31 WIRE & SMALLER: 1 1/2"

8. ALL REINFORCING MARKED CONTINUOUS (CONT.) ON THE PLANS AND DETAILS SHALL BE LAPPED 40 X BAR DIAMETERS AT SPLICES UNLESS OTHERWISE NOTED.

9. NO UNBALANCED BACKFILLING SHALL BE DONE AGAINST FOUNDATION WALLS UNLESS WALLS ARE SECURELY BRACED AGAINST OVERTURNING, EITHER BY TEMPORARY BRACING OR BY PERMANENT CONSTRUCTION.

10. PRIOR TO COMMENCING ANY FOUNDATION WORK, COORDINATE WORK WITH ANY EXISTING UTILITIES. FOUNDATIONS SHALL BE LOWERED WHERE REQUIRED TO AVOID UTILITIES.

11. ALL RETAINING WALLS SHALL HAVE AT LEAST 12" OF FREE- DRAINING GRANULAR BACKFILL, FULL HEIGHT OF WALL. PROVIDE CONTROL JOINTS IN RETAINING WALLS AT APPROXIMATELY EQUAL INTERVALS NOT TO EXCEED 25 FEET NOR 3 TIMES THE WALL HEIGHT. PROVIDE EXPANSION JOIST AT EVERY FOURTH CONTROL JOINT, UNLESS OTHERWISE INDICATED.

FOUNDATIONS CONTINUED:

1. ALL ANCHOR BOLTS SHALL CONFORM TO ASTM A307, NON-HEADED TYPE. PRIOR TO POURING CONCRETE, LEVELING NUTS SHALL BE TIGHTENED ON EACH SIDE OF THE TEMPLATE TO HOLD THE ANCHOR BOLTS IN PLACE.

2. SUPPORT ALL BOTTOM REINFORCEMENT IN FOUNDATION WITH WHOLE CONCRETE BRICKS AT 48" O.C. MAX. ALL FOOTING, PIER, AND OTHER FOUNDATION REINFORCING SHALL BE TIED IN PLACE PRIOR TO POURING CONCRETE.

3. WHERE FINISHED GRADES DIFFER ON OPPOSITE SIDES OF FOUNDATION WALLS, PROVIDE TEMPORARY BRACING. PREVENT LATERAL MOVEMENT UNTIL ALL ADJACENT FILLING, COMPACTION, FLOOR SLABS, AND FRAMING AT THE NEXT LEVEL OVER HAS BEEN COMPLETED.

4. UNLESS INDICATED ON FOUNDATION PLAN, VERTICAL STEPS IN FOOTINGS TO BE MAXIMUM 2'-0" VERTICAL SPACED NO LESS THAN 4'-0" O.C. HORIZONTALLY TO MAINTAIN MINIMUM 12" COVER BELOW FINISHED EARTH GRADE.

5. WHERE STEEP PLUMBING LINES OCCUR BELOW TOP OF WALL FOOTING, STEP FOOTING DOWN TO PROVIDE CLEARANCES INDICATED ON DETAIL "WALL FOOTING DETAILS - INTERFERENCE OFFSET AT GRAVITY SEWER" UNLESS OTHERWISE SPECIFIED. COORDINATE WITH PLUMBING DRAWINGS FOR LOCATIONS, SIZES, AND INVERTS.

6. CONSTRUCTION JOINTS IN CONTINUOUS FOOTINGS TO BE FORMED VERTICALLY WITH MIN. 1'-6" LAPS IN HORIZONTAL REINFORCING.

7. PROVIDE 1/2" P.E.J. FILLER AROUND PERIMETER OF SLABS WHERE THEY ABUT VERTICAL SURFACES AND AT COLUMN ISOLATION JOINTS AS DETAILED.

SLAB ON GRADE

1. APPLY AN APPROVED CURING COMPOUND CONFORMING TO ASTM C 309 AFTER FINISHING THE SLAB.

2. PROVIDE CONCRETE SLABS OVER 6 MIL POLYETHYLENE VAPOR BARRIER AND 4" OF POROUS FILL AS FOLLOWS: - ALL OTHER AREAS - 4" SLAB REINFORCED WITH 6x6-W2.1XW2.1.

3. WELDED WIRE FABRIC AND WITH 3000 PSI MIX CONCRETE U.N.O.

4. MAXIMUM SLUMP FOR ALL CONCRETE SLABS SHALL BE 5 INCHES, USING TYPE II CEMENT.

5. ALL WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH ASTM A 185. LAP ADJOINING PIECES AT LEAST ONE FULL MESH OR 8" MINIMUM. UNLESS OTHERWISE APPROVED, ALL WELDED WIRE FABRIC SHALL BE BLOCKED INTO POSITION INDICATED WITH PRECAST CONCRETE BLOCKS HAVING A COMPRESSIVE STRENGTH EQUAL TO THAT OF THE SLAB.

6. THE USE OF POLYPROPYLENE FIBERS (IN LIEU OF WELDED WIRE FABRIC) IS PROHIBITED WITHOUT THE WRITTEN AUTHORIZATION OF THE ARCHITECT. IN ORDER TO AVOID CONCRETE SHRINKAGE CRACKING, PLACE CONCRETE SLABS IN AN ALTERNATING LANE (OR CHECKERBOARD) PATTERN. THE MAXIMUM LENGTH OF SLAB CAST IN ANY ONE CONTINUOUS POUR IS RECOMMENDED TO BE LESS THAN 100 FEET. THE MAXIMUM SPACING OF JOINTS SHALL BE 20' OR AS SHOWN ON PLANS.

7. ALL POROUS FILL MATERIAL SHALL BE A CLEAN GRANULAR MATERIAL WITH 100% PASSING 1-1/2" SIEVE AND NO MORE THAN 5% PASSING A NO. 4 SIEVE. POROUS FILL SHALL BE COMPACTED TO 95% MAX. DRY DENSITY PER ASTM D 698.

8. SLAB JOINTS SHALL BE FILLED WITH APPROVED MATERIAL. THIS SHOULD TAKE PLACE AS LATE AS POSSIBLE, PREFERABLY 4 TO 6 WEEKS AFTER THE SLAB HAS BEEN CAST. PRIOR TO FILLING REMOVE ALL DEBRIS FROM THE SLAB JOINTS, THEN FILL IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AS FOLLOWS:

6" SLABS: FILL WITH EPOXY RESIN

OTHER SLABS: FILL WITH FIELD MOLDED OR ELECTROMETRIC SEALANT

9. SLABS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING:

FLATNESS/ LEVELNESS REQUIREMENTS:

SLAB CATEGORY	SPECIFIED	LOCAL MINIMUM
CONVENTIONAL	FF = 20, FL = 15	FF = 13, FL = 10
MODERATE FLAT	FF = 25, FL = 20	FF = 15, FL = 12
FLAT	FF = 35, FL = 25	FF = 21, FL = 15
VERY FLAT	FF = 50, FL = 35	FF = 30, FL = 21
SUPER FLAT	FF = 100+, FL = 50+	-----

10. ALL INTERIOR SLABS SHALL BE CONSTRUCTED AS 'FLAT' UNLESS NOTED OTHERWISE.

11. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DEPRESSED SLAB AREAS AND DRAINS. SLOPE SLAB TO DRAINS WHERE SHOWN.

12. THE FINISH TOLERANCE OF ALL SLABS SHALL BE IN ACCORDANCE WITH ACI 301, TYPE A. "SPECIFICATION FOR STRUCTURAL CONCRETE BUILDINGS". HOT WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305. COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306.

13. FF AND FL TOLERANCES SHALL BE TESTED IN ACCORDANCE WITH ASTM E 1155. ACTUAL OVERALL F-NUMBERS SHALL BE CALCULATED USING THE INFERIOR / SUPERIOR AREA METHOD. ALL FLOOR TOLERANCE MEASUREMENTS SHALL BE MADE WITHIN [48] HOURS AFTER SLAB INSTALLATION. IN ALL CASES, TOLERANCE MEASUREMENTS SHALL PRECEDE THE REMOVAL OF SHORES AND FORMS. RESULTS OF ALL FLOOR PROFILE TESTS (INCLUDING A RUNNING TABULATION OF THE OVERALL FF AND FL VALUES FOR ALL OF THE RANDOM TRAFFIC SLABS INSTALLED TO DATE) SHALL BE PROVIDED TO THE CONTRACTOR WITHIN [72] HOURS AFTER EACH SLAB INSTALLATION.

14. WALKWAYS AND OTHER EXTERIOR SLABS ARE NOT INDICATED ON THE STRUCTURAL DRAWINGS. SEE THE SITE PLAN AND ARCHITECTURAL DRAWINGS FOR LOCATIONS, DIMENSIONS, ELEVATIONS, JOINTING DETAILS AND FINISH DETAILS. PROVIDE 4" WALKS REINFORCED WITH 6x6 - W2.1XW2.1 UNLESS OTHERWISE NOTED. SLABS TO BE PERMANENTLY EXPOSED TO WEATHER SHALL BE AIR ENTRAINED TO 5% (± 1%) WITH AN ADMIXTURE THAT CONFORMS TO ASTM C 260.

15. CONTROL JOINT SEALANT SHALL BE SIKADUR 51 NS/L OR APPROVED EQUAL. EXPANSION AND ISOLATION JOINT SEALANT SHALL BE SIKAFLEX 1A OR APPROVED EQUAL.

CONCRETE SLAB ON GRADE CONTINUE.:

15. CONCRETE FINISH FLOORS SHALL HAVE A HARD STEEL TOWELED FINISH UNLESS INDICATED OTHERWISE ON THE DRAWINGS. PLACE, STRIKE OFF, CONSOLIDATE, LEVEL AND FLOAT TO THE PROPER ELEVATION. TROWELING SHALL BEGIN AFTER SURFACE HAS RECEIVED A FLOAT FINISH. THE SLAB DRYING MUST PROCEED NATURALLY AND MUST NOT BE HASTENED BY THE DUSTING ON OF DRY CEMENT OR SAND. LIGHTLY TOOL ALL EDGES AT CONSTRUCTION JOINTS AND EXERCISE CARE THAT SLAB EDGES ARE NOT DEPRESSED ALONG BULKHEADS DURING FINISHING OPERATIONS, PARTICULARLY HAND TROWELING. EXTERIOR SLABS, SIDEWALKS, PADS AND RAMPS SHALL HAVE A LIGHT BROOM FINISH UNLESS INDICATED OTHERWISE ON THE DRAWINGS. PROVIDE STANDARD TROWEL FINISH AT ALL SUB-SLABS.

SLAB ON GRADE DETAILS

Not To Scale

CAST-IN-PLACE REINFORCED CONCRETE

1. THE FOLLOWING ACI STANDARDS (LATEST EDITION) APPLY:

A. ACI 318 - CODE

B. ACI 315 - DETAILING

C. ACI 301 - SPECIFICATIONS

D. ACI 304 - PLACING

E. ACI 347 - FORMWORK

F. ACI 211.1 - MIX PROPORTIONING

G. ACI 305 - HOT WEATHER CONCRETING

H. ACI 306 - WINTER CONCRETING

2. ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE (145 PCF) WITH MIXES MEETING THE FOLLOWING CRITERIA:

STRUCTURAL ELEMENT	28 DAY COMPRESSIVE STRENGTH	MAX AGGREGATE W/C SIZE	RATIO	SLUMP RANGE
FOOTINGS, GRADE BEAMS & FOUNDATION WALLS	3500 PSI	1"	0.55	3-6"
SLAB ON GRADE	3500 PSI	3/4"	0.50	2-4"
ELEVATED SLABS & BEAMS	4000 PSI	3/4"	0.50	3-5"
COLUMNS	4000 PSI	3/4"	0.50	3-5"

REINFORCING STEEL

1. ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.

2. REINFORCING STEEL TO BE WELDED SHALL BE ASTM A706.

3. ALL WELDED WIRE FABRIC SHALL BE ASTM A185, 70 KSI MINIMUM YIELD STRENGTH.

4. NO REINFORCING SHALL BE CUT IN FIELD.

5. ADDITIONAL REINFORCING AND THAT QUANTITY OF REINFORCING OCCURRING AT OPENINGS SHALL BE PLACED EQUALLY EACH SIDE OF OPENINGS AS DETAILED.

6. HOOKS IN REINFORCING ARE IN ADDITION TO LENGTH SHOWN.

7. REINFORCING IS TO BE SUPPORTED IN FORMS AND SPACED WITH WIRE BAR SUPPORTS ACCORDING TO CRSI "PLACING REINFORCING BARS" UNLESS NOTED OTHERWISE.

8. WHERE REINFORCING BARS ARE NOTED AS CONTINUOUS, THE FOLLOWING REQUIREMENTS APPLY:

A. THE TERMINATION OF ALL CONTINUOUS REINFORCING BAR RUNS SHALL BE A STANDARD HOOK UNLESS NOTED OTHERWISE.

B. SPLICES IN CONTINUOUS TOP BARS SHALL OCCUR OVER PARALLEL CMU WALLS OR AT THE CENTER OF THE CLEAR SPAN.

C. SPLICES IN CONTINUOUS BOTTOM BARS SHALL OCCUR OVER PERPENDICULAR CMU WALLS OR CENTERED OVER COLUMNS.

9. MINIMUM REINFORCING STEEL CLEAR COVERS ARE AS FOLLOWS:

A. CONCRETE CAST DIRECTLY AGAINST EARTH.....3"

B. INTERIOR SLABS.....1"

C. INTERIOR BEAMS AND COLUMNS.....1 1/2"

D. EXTERIOR BEAMS AND COLUMNS.....2"

E. EXTERIOR SLABS.....1 1/2"

F. SLABS ON GRADE.....1 1/2" FROM TOP

MASONRY NOTES:

1. MASONRY CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1)," LATEST EDITION PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE, DETROIT, MICHIGAN.

2. HOLLOW LOAD-BEARING MASONRY UNITS SHALL CONFORM TO ASTM C-90, GRADE N-1 AND BE MADE WITH LIGHTWEIGHT AGGREGATE. THE MINIMUM PRISM COMPRESSIVE STRENGTH (F'm) SHALL BE 1,900 PSI AT AN AGE OF 28 DAYS, AS DETERMINED BY THE COMPRESSIVE STRENGTH METHOD OF ACI 530.1.

3. ALL BOND BEAMS AND REINFORCED CELLS SOLIDLY WITH GROUT. GROUT SHALL CONFORM TO ASTM C-476 AND SHALL OBTAIN A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI. PLACE GROUT IN 4'-0" "LOW-LIFT;" PROVIDE MIX DESIGN FOR REPAIR. FILL ALL CELLS AND/OR CAVITIES BELOW GRADE SOLID WITH GROUT.

4. REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A-615 GRADE 60. SHOP FABRICATE REINFORCING BARS WHICH ARE SHOWN TO BE HOOKED OR BENT. PROVIDE A MINIMUM LAP OF 42 X BAR DIAMETERS AT ALL SPLICES, UNLESS INDICATED OTHERWISE.

5. THE USE OF MASONRY CEMENT MORTAR IS STRICTLY PROHIBITED. MORTAR SHALL CONFORM TO ASTM C-270, TYPE S. ALL MORTAR SHALL MEET THE "PROPORTION SPECIFICATIONS OF ASTM C-270 AND BE MADE WITH PORTLAND CEMENT / LIME (NON AIR-ENTRAINED).

6. MORTAR MATERIALS SHALL BE AS FOLLOWS:

PORTLAND CEMENT: ASTM C150, TYPE I

MASONRY CEMENT: ASTM C91

HYDRATED LIME: ASTM C207 TYPE S

AGGREGATE: ASTM C114

WATER: CLEAN AND POTABLE

7. UNLESS OTHERWISE INDICATED, ALL WALLS SHALL BE LAID IN RUNNING BOND.

8. UNLESS SHOWN OTHERWISE IN WALL DETAILS, PLACE ONE VERTICAL #5 BAR IN FULLY GROUTED CELL AT 48" O.C. MAXIMUM ALONG LENGTH OF WALLS. VERTICAL BARS TO EXTEND FROM FOOTING DOWEL BAR SPlice TO TOP OF WALL AND SHALL PENETRATE INTO BOTTOM OF BOND BEAM AT TOP OF WALL OR PARAPET 4" MINIMUM.

9. ONE VERTICAL #5 BAR IN FULLY GROUTED CELL SHALL BE PLACED AT WALL CORNERS, AT THE ENDS OF WALLS, ON EACH SIDE OF DOOR AND WINDOW JAMBS, AND ON EACH SIDE OF MASONRY CONTROL JOINTS. VERTICAL BARS TO EXTEND FROM FOOTING DOWEL BAR SPlice TO TOP OF WALL AND SHALL PENETRATE INTO BOTTOM OF BOND BEAM AT TOP OF WALL OR PARAPET 4" MINIMUM.

10. PROVIDE REBAR DOWELS FROM FOUNDATIONS TO MATCH VERTICAL REINFORCING SIZE AND SPACING. DOWELS SHALL HAVE STANDARD 90 DEGREE HOOKS AND LAP WITH THE FIRST LIFT OF REINFORCING. BOND BEAMS SHALL BE PLACED AT EACH BEARING ELEVATIONS. INTERMEDIATE BOND BEAMS SHALL BE PROVIDED BETWEEN BEARING ELEVATIONS OR 8'-0" O.C. BOND BEAMS SHALL HAVE TWO CONTINUOUS #5 BARS AND SHALL BE FULLY GROUTED. DISCONTINUE ALL HORIZONTAL REINFORCING AT CONTROL JOINTS EXCEPT FOR HORIZONTAL BOND BEAMS. AT REINFORCEMENT AT BEARING ELEVATIONS SHALL BE CONTINUED ACROSS CONTROL JOINTS.

11. PROVIDE CORNER REINFORCING OF SAME SIZE AND SPACING AS CONTINUOUS REINFORCING AT BOND BEAM INTERSECTIONS. LAP REINFORCING 2'-0" MINIMUM. HOOK REINFORCING 12" INTO REINFORCED JAMB WHERE BOND BEAMS ARE INTERRUPTED BY OPENINGS.

12. PROVIDE STANDARD 9 GAUGE WIRE BRUSS HORIZONTAL JOINT REINFORCING AT 16" ON CENTER VERTICAL IN ALL WALLS. WIRE REINFORCING SHALL CONFORM TO ASTM A82 UNLESS OTHERWISE NOTE. STOP ALL HORIZONTAL JOINT REINFORCING AT CONTROL JOINTS.COORDINATE BRICK TIE BACK REQUIREMENTS WITH THE ARCHITECTURAL DRAWINGS.

13. LINTELS OVER DOOR AND WINDOW OPENINGS SHALL BE REINFORCED AS NOTED ON THE PLANS. PROVIDE BOND BEAM WITH TWO CONTINUOUS #5 BARS AT WINDOW SILLS. LINTELS AND BOND BEAMS SHALL CONTINUE BEYOND EACH SIDE OF DOOR AND WINDOW OPENINGS 24" MINIMUM.

14. PROVIDE JOIST, TRUSS AND BEAM BEARING PLATES AND OTHER ACCESSORIES AS INDICATED. PROVIDE 3 COURSES OF SOLIDLY GROUTED CMU BELOW ALL BEAM BEARINGS OVER A WIDTH OF 2'-8" CENTERED ON THE WALLS PER TYPICAL BEAM BEARING DETAILS.

15. PROVIDE CMU CONTROL JOINTS AS INDICATED WITH ADDITIONAL JOINTS SUCH THAT THE SPACING BETWEEN JOINTS DOES NOT EXCEED A SPACING OF 8X THE WALL HEIGHT (25 FEET MAXIMUM). WHERE BEAMS OR LINTELS BEAR AT CMU CONTROL JOINTS, OFFSET & LAP THE VERTICAL REINFORCING AS INDICATED. PROVIDE CONTROL JOINT LAYOUT FOR REVIEW PRIOR TO CONSTRUCTION.

16. THE MASONRY CONTRACTOR SHALL PROVIDE ALL REQUIRED TEMPORARY WALL BRACING DURING CONSTRUCTION (SEE "GENERAL STRUCTURAL NOTES").

17. REINFORCING SHALL BE TIED IN CENTERLINE OF CELLS, UNLESS NOTED OTHERWISE, AT SPLICES AND HORIZONTAL JOINT REINFORCING.

18. BRACING OF INTERIOR NON-LOAD BEARING PARTITION WALLS SHALL NOT EXCEED 8'-0" INTERVALS.

NOT USED

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10/4/2024

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A "BUILDING PERMIT APPLICATION FOR SUPER GOLDEN BUFFET 915 North Point Dr, Alpharetta, GA 30022

BUILDING OWNER: Mikathy Corp
1069 W MORSE BLVD
WINTER PARK FL 32789

OWNER AGENT : Designs By Lish LLC designsbylish@gmail.com - (407) 729-2022

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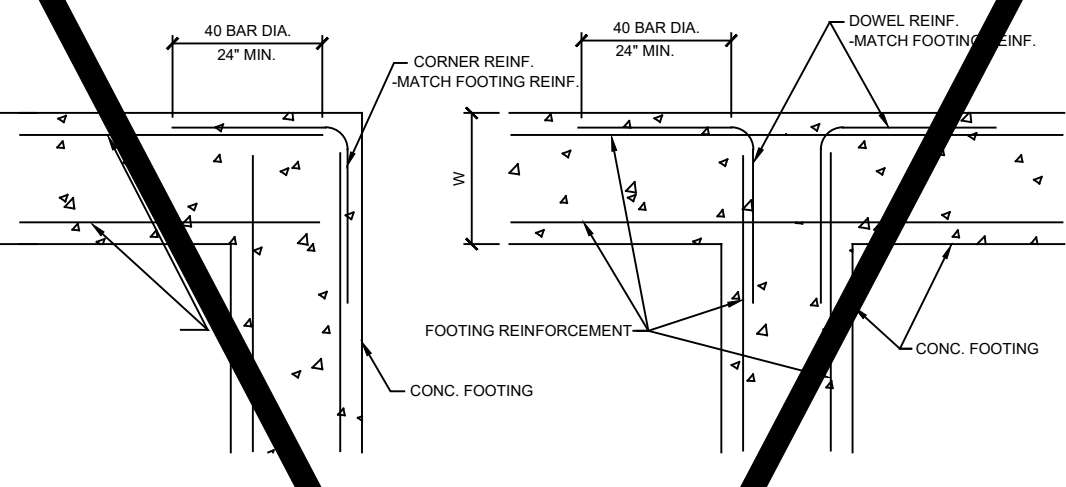
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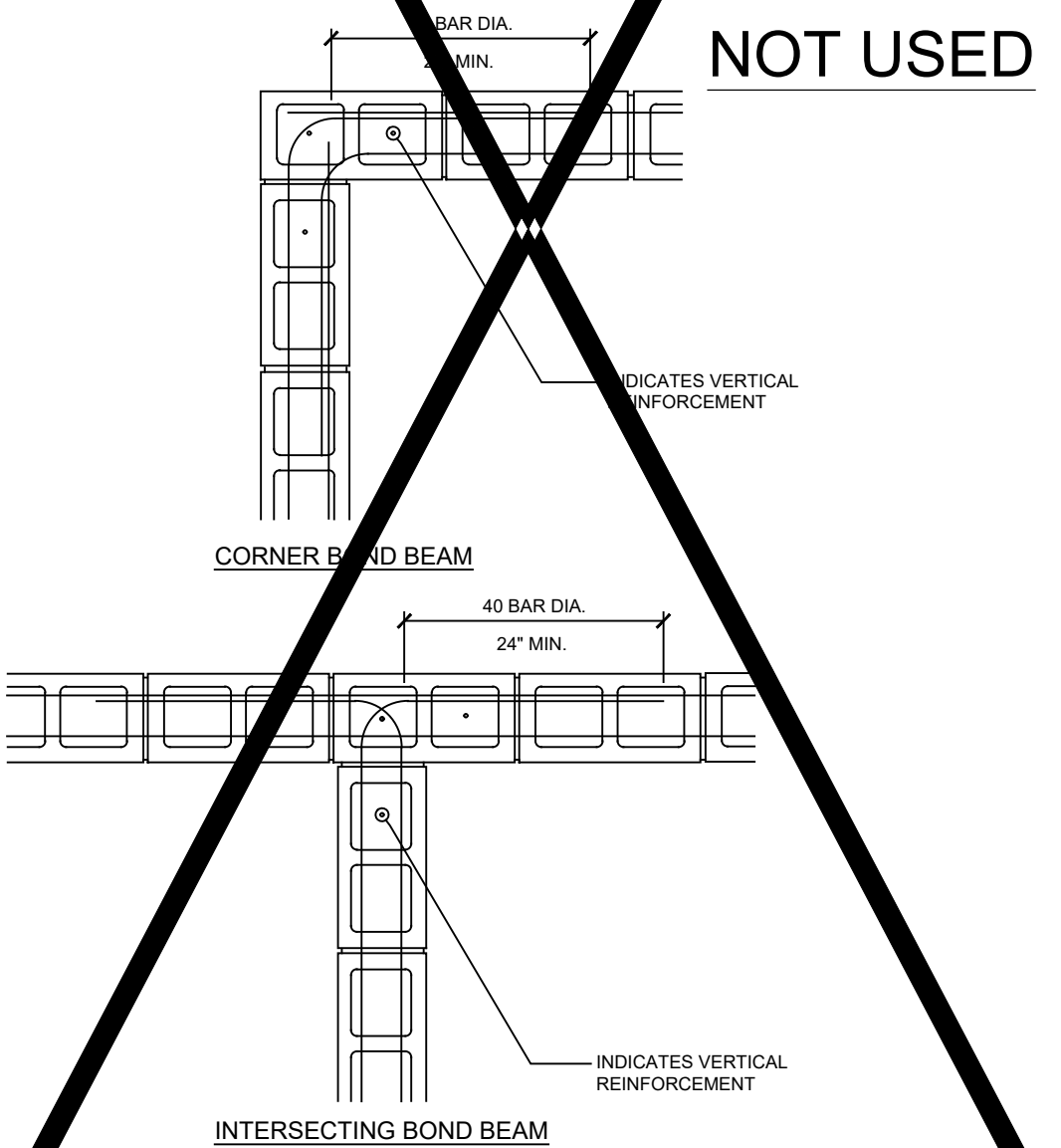
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MASONRY NOTES: CONTINUED FROM PREVIOUS SHEET.



REINFORCEMENT @ CONTINUOUS FOOTING INTERSECTIONS

Not To Scale



BOND BEAM REINFORCEMENT DETAILS

Not To Scale

PLYWOOD / GYPBOARD SHEATHING NOTES:

- ALL PLYWOOD CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE AMERICAN PLYWOOD ASSOCIATION (APA) SPECIFICATIONS.
- ALL ROOF PANEL SHEATHING SHALL BE PER PLAN. SUITABLE EDGE SUPPORT SHALL BE PROVIDED BY THE USE OF PANEL CLIPS OR BLOCKING BETWEEN FRAMING.
- ALL WALL PANEL SHEATHING SHALL BE PER PLAN.
- INSTALL ALL PLYWOOD SHEATHING AT FLOOR AND ROOF WITH THE LONG DIMENSIONS OF THE PANEL ACROSS SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS. STAGGER PANEL END JOINTS. ALLOW 1/8" SPACING AT PANEL ENDS AND EDGES UNLESS OTHERWISE RECOMMENDED BY THE SHEATHING MANUFACTURER.
- ALL NAILS SHALL NOT BE OVERDRIVEN.
- ALL EXISTING WALLS SHALL BE SHEATHED PER PLAN.
- PROVIDE BLOCKING AT UNSUPPORTED PANEL EDGES AS FOLLOWS:
ROOFS AND FLOORS- ONLY WHERE INDICATED ON PLAN
WALLS- FULLY BLOCKED
- WHERE EITHER 2" OR 2 1/2" FASTENER SPACING'S ARE USED FOR WOOD STRUCTURAL PANELS USED AT ROOF OR FLOOR, THE FRAMING MEMBER AT THE ADJOINING PANEL SHALL BE 3" NOMINAL WIDTH AND THE NAILS AT PANEL EDGES SHALL BE STAGGERED IN TWO LINES.
- ALL PLYWOOD AND SHEATHING SHALL BE APA RATED, BEAR THE STAMP OF AN APPROVED TESTING AGENCY, AND SHALL BE FABRICATED WITH EXTERIOR GLUE. NAILS AT ABUTTING PLYWOOD EDGES MUST PENETRATE THE SAME PIECE OF FRAMING OR BLOCKING.
- OPENINGS IN SHEATHING (DIAPHRAGMS), PERIMETER OF ANY OPENINGS SHALL BE FASTENED AS BOUNDARY NAILING.

WALL OR TRUSS FACE SHEATHING

WALL SHEATHING SHALL BE MINIMUM 15/32" THICK APA RATED PANELS, RATED FOR SPACING OF SUPPORTING MEMBERS. A MINIMUM 32/16 SPAN RATING IS RECOMMENDED.PROVIDE EXTERIOR OR EXPOSURE 1 GRADE. PANELS SHALL BE CONTINUOUS OVER TWO OR MORE SPANS, AND LONG DIMENSION OF PANEL MAY BE EITHER PERPENDICULAR OR PARALLEL TO SUPPORTS. ALL EDGES SHALL BE BLOCKED. FASTEN WALL SHEATHING WITH 8D NAILS (.131" DIAMETER X 2 1/2") SPACED AT 4" ON CENTER AT SUPPORTED EDGES AND 8" ON CENTER AT INTERMEDIATE SUPPORTS. LEAVE AN 1/8" GAP AT ALL END AND EDGE JOINTS TO ALLOW FOR EXPANSION. STAGGER END JOINTS OF PANELS. REFER TO PLAN AND NOTES FOR ANY SPECIAL SHEAR WALL NAILING AND BOLTING CONDITIONS. GYPSUM SHEATHING TO BE A MINIMUM OF 1/2" THICK FASTENED WITH 6D COOLER OR WALLBOARD NAILS AT 7" ON CENTER TO ALL FRAMING MEMBERS.

PLYWOOD SHEATHING CONTINUE

- ROOF SHEATHING SHALL BE MINIMUM 19/32" THICK MINIMUM APA RATED PANELS, RATED FOR SPACING OF SUPPORTING MEMBERS. A MINIMUM OF 40/20 SPAN RATING IS REQUIRED. PROVIDE PANEL CLIPS, ONE BETWEEN EACH SUPPORT, FOR SUPPORTS SPACED GREATER THAN 16" ON CENTER. PROVIDE EXTERIOR OR EXPOSURE 1 GRADE. PANELS SHALL BE CONTINUOUS OVER TWO OR MORE SPANS, AND LONG DIMENSION OF PANEL SHALL BE PERPENDICULAR TO SUPPORTS. FASTEN ROOF SHEATHING WITH 8D NAILS (.131" DIAMETER X 2 1/2") SPACED AT 4" ON CENTER AT SUPPORTED EDGES AND 8" ON CENTER AT INTERMEDIATE SUPPORTS. LEAVE AN 1/8" GAP AT ALL END AND EDGE JOINTS TO ALLOW FOR EXPANSION. DESIGN OF ROOF SHEATHING ASSUMES THAT THE ROOF WILL BE PROPERLY INSULATED AND VENTILATED. REFER TO APA PUBLICATION N335N "PROPER INSTALLATION OF APA RATED SHEATHING FOR ROOF APPLICATIONS."

WOOD FRAMING NOTES:

- ALL STRUCTURAL LUMBER DESIGN SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL DESIGNS SPECIFICATION FOR WOOD CONSTRUCTION (NDS-2001).
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY LATERAL BRACING.
- ALL WOOD FRAMING MATERIAL SHALL BE SURFACED DRY AND USED AT 19% MAXIMUM MOISTURE CONTENT. ALLOWABLE STRESS REQUIREMENTS OF ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE "SCHEDULE OF REQUIRED STRESS VALUES".
- ALL STUD AND WALL FRAMING SHALL BE NO. 2 GRADE SOUTHERN YELLOW PINE (SYP). "STUD" GRADE MATERIAL IS STRICTLY PROHIBITED FROM USE.
- ALL JOIST, RAFTER & MISC. FRAMING SHALL BE NO. 2 GRADE, SOUTHERN YELLOW PINE. PROVIDE FULL-DEPTH BLOCKING AT ENDS. PROVIDE FULL-DEPTH (OR METAL) BRIDGING AT MIDSPAN AND AT A MAXIMUM SPACING OF 8'-0" O/C IN BETWEEN.
- ALL LUMBER EXPOSED TO EXTERIOR ENVIRONMENT OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION OF 0.25 lbs. OF ACQ PER CUBIC FOOT OF WOOD, AND EACH PIECE SHALL BEAR THE THIRD PARTY QUALITY MARK, "ABOVE GRADE USE". ALL LUMBER IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION OF 0.40 lbs. OF ACQ PER CUBIC FOOT OF WOOD, AND EACH PIECE SHALL BEAR THE THIRD PARTY QUALITY MARK, "GROUND CONTACT USE". REFERENCE STANDARD AWWA C2 AND ASTM D1760 FOR PRESSURE TREATMENT OF TIMBER PRODUCTS.
- WHERE POSSIBLE ALL CUTS AND HOLES SHOULD BE COMPLETED BEFORE TREATMENT. CUTS AND HOLES DUE TO ON-SITE FABRICATION SHALL BE BRUSHED WITH 2 COATS OF COPPER NAPHTHENATE SOLUTION CONTAINING A MINIMUM OF 2% METALLIC COPPER IN SOLUTION (PER AWP'S STD. M4).
- THE CONTRACTOR SHALL CAREFULLY SELECT LUMBER TO BE USED IN LOAD BEARING APPLICATIONS. THE LENGTH OF SPLIT ON THE WIDE FACE OF 2" NOMINAL LOAD BEARING FRAMING SHALL BE LIMITED TO LESS THAN 1/2 OF THE WIDE FACE DIMENSION. THE LENGTH OF SPLIT ON THE WIDE FACE OF 3" (NOMINAL) AND THICKER LUMBER SHALL BE LIMITED TO 1/2 OF THE NARROW FACE DIMENSIONS.
- PROVIDE DOUBLE JOISTS UNDER ALL PARTITIONS WHICH RUN PARALLEL WITH JOISTS AND UNDER ALL CONCENTRATED LOADS FROM FRAMING ABOVE.
- PROVIDE DOUBLE HEADER BEAMS OF THE SAME SIZE AS JOISTS OR RAFTERS TO FRAME AROUND OPENINGS IN PLYWOOD DECK UNLESS OTHERWISE INDICATED.
- STRUCTURAL STEEL PLATE CONNECTORS SHALL CONFORM TO ASTM A-36 SPECIFICATIONS AND BE 1/4" THICK UNLESS OTHERWISE INDICATED. BOLTS CONNECTING WOOD MEMBERS SHALL BE PER ASTM A-307 AND BE 3/4" DIAMETER UNLESS OTHERWISE INDICATED. PROVIDE WASHERS FOR ALL BOLT HEADS AND NUTS IN CONTACT WITH WOOD SURFACES.
- BOLT HOLES SHALL BE CAREFULLY CENTERED AND DRILLED NOT MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER. BOLTED CONNECTIONS SHALL BE SNUGGED TIGHT BUT NOT TO THE EXTENT OF CRUSHING WOOD UNDER WASHERS.
- HOLES AND NOTCHES DRILLED OR CUT INTO WOOD FRAMING SHALL NOT EXCEED THE REQUIREMENTS OF IBC, SECTION 23.
- ALL PLATES, ANCHORS, NAILS, BOLTS, NUTS, WASHERS, AND OTHER MISCELLANEOUS HARDWARE SHALL BE STAINLESS STEEL.
- ADEQUATE BRACING SHALL BE PROVIDED UNTIL PERMANENT BRACING AND/OR DIAPHRAGMS ARE INSTALLED. OVERLAP ALL TOP PLATES AT CORNERS.
- JOINTS IN THE DOUBLE TOP PLATES OF THE WALL SHALL BE OFFSET A MINIMUM LAP LENGTH OF 4'-0" & NAILED WITH NOT LESS THAN (15) 16d FACE NAILS ON EACH SIDE OF THE JOINT.
- ALL BEAMS SHALL HAVE LATERAL SUPPORT AT THE COMPRESSION EDGE AT A MAXIMUM OF 24" O.C. AND AT BEARING POINTS, WITH A MINIMUM BEARING LENGTH OF 3 1/2".

ENGINEERED LUMBER:

- ALL NAILING NOT OTHERWISE INDICATED SHALL BE IN ACCORDANCE WITH THE "NAILING SCHEDULE" PER THE IBC TABLE 2306.1 ALL NAILS SHALL BE COMMON NAILS UNLESS NOTED OTHERWISE. NAILING SHALL NOT BE OVERDRIVEN.
- EDGE DISTANCES, END DISTANCES AND SPACING FOR NAILS SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.

LVL WOOD MEMBERS

LVL MEMBERS NOTED ON DRAWINGS ARE ENGINEERED LAMINATED VENEER LUMBER AS MANUFACTURED BY THE LLEVEL - WEYERHAEUSER COMPANY. ALTERNATE AT CONTRACTOR'S OPTION OF EQUAL DESIGN PROPERTIES. SIZES SHOWN ON PLAN ARE ACTUAL SIZE.

WOOD CONNECTORS:

- CONNECTORS FOR WOOD CONSTRUCTION SHALL BE SIMPSON STRONG-TIE CONNECTORS OR ENGINEER APPROVED SUBSTITUTE, SECURED IN ACCORDANCE WITH THE MANUFACTURER'S LITERATURE AND SPECIFICATIONS FOR THE INTENDED USE.
- CONNECTORS SHALL BE TYPE 316 STAINLESS STEEL TO MINIMIZE CORROSION POTENTIAL.
- ALL FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL OR G-185 GALVANIZED OR FASTENERS CERTIFIED BY MANUFACTURE FOR PRESSURE TREATED LUMBER.

PRE-ENGINEERED WOOD TRUSSES

- WORK INCLUDED, FABRICATE, SUPPLY, AND ERECT WOOD TRUSSES AS SHOWN ON THE DRAWINGS AND AS SPECIFIED. WORK TO INCLUDE ANCHORAGE, BLOCKING, CURBING, MISCELLANEOUS FRAMING AND BRACING.
- TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THESE SPECIFICATIONS AND WHERE ANY APPLICABLE DESIGN FEATURE IS NOT SPECIFIED HEREIN, DESIGN SHALL BE IN ACCORDANCE WITH APPLICABLE PROVISIONS OF LATEST EDITION OF NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (NDS) AMERICAN FOREST AND PAPER ASSOCIATION (AFPA), AND DESIGN SPECIFICATIONS FOR METAL PLATE CONNECTED WOOD TRUSSES (ANSI/TPI 1), TRUSS PLATE INSTITUTE (TPI) AND CODE OF JURISDICTION.
- MANUFACTURER SHALL FURNISH SHOP DRAWINGS BEARING SEAL AND REGISTRATION NUMBER OF A CIVIL OR STRUCTURAL ENGINEER LICENSED IN THE STATE OF FLORIDA WHERE TRUSSES ARE TO BE INSTALLED. DRAWINGS SHALL BE APPROVED BY ARCHITECT PRIOR TO FABRICATION.
- TRUSS SHOP DRAWINGS SHALL INCLUDE AS MINIMUM INFORMATION. SPAN, DEPTH OR SLOPE AND SPACING OF TRUSSES, REQUIRED BEARING WIDTH, DESIGN LOADS, AS APPLICABLE :
 - TOP CHORD LIVE LOAD ;
 - TOP CHORD DEAD LOAD ;
 - BOTTOM CHORD LIVE LOAD ;
 - BOTTOM CHORD DEAD LOAD ;
 - CONCENTRATED LOADS AND THEIR POINTS OF APPLICATION
 - WIND AND SEISMIC CRITERIA;
- ADJUSTMENT TO LUMBER AND PLATE DESIGN LOADS FOR CONDITION OF USE.
- REACTIVE FORCES, THEIR POINTS OF OCCURRENCE AND DIRECTION.
- ALPINE/LUMBERMATE/CLARY PLATE TYPE, GAGE, SIZE AND LOCATION OF PLATE EACH JOINT ;
- LUMBER SIZE, SPECIES, AND GRADE FOR EACH MEMBER ;
- LOCATION OF ANY REQUIRED CONTINUOUS LATERAL BRACING ;
- CALCULATED DEFLECTION RATIO AND/OR MAXIMUM DEFLECTION FOR LIVE AND TOTAL LOAD ;
- MAXIMUM AXIAL COMPRESSIVE FORCES IN TRUSS MEMBER ;
- LOCATION OF JOINTS ;
- CONNECTION REQUIREMENTS FOR.
 - TRUSS TO TRUSS GIRDER
 - TRUSS PLY TO PLY
 - FIELD SPLICES.

LUMBER :

- LUMBER USED FOR TRUSS MEMBERS SHALL BE IN ACCORDANCE WITH PUBLISHED VALUES OF LUMBER RULES WRITING AGENCIES APPROVED BY BOARD OF REVIEW OF AMERICAN LUMBER STANDARDS COMMITTEE. LUMBER SHALL BE IDENTIFIED BY GRADE MARK OF A LUMBER INSPECTION BUREAU OR AGENCY APPROVED BY THAT BOARD, AND SHALL BE AS SHOWN ON DESIGN DRAWINGS.
- MOISTURE CONTENT OF LUMBER SHALL BE NO LESS THAN 7 PERCENT NOR GREATER THAN 19 PERCENT AT TIME OF FABRICATION.
- ADJUSTMENT OF VALUES FOR DURATION OF LOAD OR CONDITIONS OF USE SHALL BE IN ACCORDANCE WITH NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS).
- FIRE RETARDANT TREATED LUMBER, IF APPLICABLE, SHALL MEET SPECIFICATION OF TRUSS DESIGN AND ANSI/TPI 1-1995, PAR 9.1.5 AND SHALL BE RE-DRIED AFTER TREATMENT IN ACCORDANCE WITH AWWA STANDARD C20. ALLOWABLE VALUES MUST BE ADJUSTED IN ACCORDANCE WITH NDS PAR 2.3.6. LUMBER TREATER SHALL SUPPLY CERTIFICATE OF COMPLIANCE.

METAL CONNECTOR PLATES :

- METAL CONNECTOR PLATES SHALL BE MANUFACTURED BY ALPINE/LUMBERMATE/CLARY AND SHALL NOT BE LESS THAN 0.36 INCHES IN THICKNESS (20 GAGE) AND SHALL MEET OR EXCEED ASTM 653-94 GRADE 37, AND SHALL NOT HOT DIPPED GALVANIZED ACCORDING TO ASTM 653-94. COATING DESIGNATION G60. WORKING STRESSES IN STEEL ARE TO BE APPLIED TO EFFECTIVE RATIOS FOR PLATES AS DETERMINED BY TEST IN ACCORDANCE WITH APPENDIX E AND F OF ANSI/TPI 1-1995.
- IN HIGHLY CORROSIVE ENVIRONMENTS, SPECIAL APPLIED COATINGS OR STAINLESS STEEL MAY BE REQUIRED.
 - AT THE REQUEST OF ENGINEER, ALPINE/LUMBERMATE/CLARY SHALL FURNISH A CERTIFIED RECORD THAT MATERIALS COMPLY WITH STEEL SPECIFICATIONS.

FABRICATIONS

- TRUSSES SHALL BE FABRICATED IN A PROPERLY EQUIPPED MANUFACTURING FACILITY OF A PERMANENT NATURE. TRUSSES SHALL BE MANUFACTURED BY EXPERIENCED WORKMEN, USING PRECISION CUTTING, JIGGING AND PRESSING EQUIPMENT MEETING REQUIREMENTS OF ANSI/TPI 1-1995, SECTION 4. TRUSS MEMBERS SHALL BE ACCURATELY CUT TO LENGTH ANGLE AND TRUE TO LINE TO ASSURE PROPER FITTING JOINTS WITHIN TOLERANCES SET FORTH IN ANSI/TPI 1-1995, SECTION 4, AND PROPER FIT WITH OTHER WORK.

PRE-ENGINEERED WOOD TRUSSES CONTINUE

HANDLING, INSTALLATION AND BRACING

- TRUSSES SHALL BE HANDLED DURING FABRICATION, DELIVERY AND AT JOB SITES SO AS NOT TO BE SUBJECTED TO EXCESSIVE BENDING.
- TRUSSES SHALL BE UNLOADED ON SMOOTH GROUND TO AVOID LATERAL STRAIN. TRUSSES SHALL BE PROTECTED FROM DAMAGE THAT MIGHT RESULT FROM ON-SITE ACTIVITIES AND ENVIRONMENTAL CONDITIONS. PREVENT TOPPLING WHEN BANDING IS REMOVED.
- HANDLE DURING INSTALLATION IN ACCORDANCE WITH HANDLING, INSTALLING, AND BRACING WOOD TRUSSES (HIB-91), TPI, AND ANSI/TPI 1-1995. INSTALLATION SHALL BE CONSISTENT WITH GOOD WORKMANSHIP AND GOOD BUILDING PRACTICES AND SHALL BE RESPONSIBILITY OR TRUSS INSTALLER.
- APPARENT DAMAGE TO TRUSSES, IF ANY, SHALL BE REPORTED TO MANUFACTURER PRIOR TO INSTALLATION.
- TRUSSES SHALL BE SENT AND SECURED LEVEL AND PLUMB, AND IN CORRECT LOCATION. TRUSSES SHALL BE HELD IN CORRECT ALIGNMENT UNTIL SPECIFIED PERMANENT BRACING IS INSTALLED.
- CUTTING AND ALTERING OF TRUSSES IS NOT PERMITTED.
- CONCENTRATED LOADS SHALL NOT BE PLACED ATOP TRUSSES UNTIL ALL SPECIFIED BRACING HAS BEEN INSTALLED AND DECKING IS PERMANENTLY NAILED IN PLACE. SPECIFICALLY AVOID STACKING FULL BUNDLES OF DECKING OR OTHER HEAVY MATERIALS ONTO UNSHEATHED TRUSSES.
- ERECTION BRACING IS ALWAYS REQUIRED. PROFESSIONAL ADVICE SHOULD ALWAYS BE SOUGHT TO PREVENT TOPPLING OR DOMINOING OF TRUSSES DURING INSTALLATION.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND FURNISHING THE MATERIALS USED FOR INSTALLATION AND PERMANENT BRACING.

STRUCTURAL NOTES

UNLESS NOTED OTHERWISE ON THE PLANS AND/OR IN THE DETAILS, THESE NOTES SHALL APPLY. IF THERE ARE DISCREPANCIES BETWEEN THE PLANS/DETAILS AND THESE NOTES, THE CONTRACTOR SHALL CONFORM TO THE MORE STRINGENT REQUIREMENTS, UNLESS CLARIFIED WITH THE STRUCTURAL ENGINEER OF RECORD (SER) PRIOR TO WORK.

MATERIAL STRENGTHS

STRUCTURAL STEEL FASTENERS
CONNECTION BOLTS - ASTM A325 OR F1852, FU = 120 KSI
ANCHOR RODS - ASTM F1554, GR. 36, FY = 36 KSI
THREADED RODS - ASTM A36, FY = 36 KSI

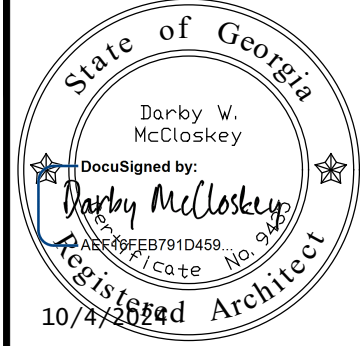
REINFORCING STEEL
DEFORMED BARS - ASTM A615, GR. 60, FY = 60 KSI
FABRIC - ASTM A185, FY = 70 KSI
MASONRY JOINT REINFORCING - ASTM A951, FY = 70 KSI
EPOXY COATING FOR REINFORCING STEEL - ASTM A775

CONCRETE
F'C = COMPRESSIVE STRENGTH IN 28 DAYS
4,000 PSI UNLESS NOTED OTHERWISE
3,000 PSI FOR FOOTINGS
3,000 PSI FOR MASONRY COREFILL

MASONRY
CONCRETE MASONRY UNITS - ASTM C90
F'M = NET AREA COMPRESSIVE STRENGTH OF MASONRY BASED ON IBC TABLE 2105.2.2.1.2
2,000 PSI

STRUCTURAL LUMBER
ALL DIMENSIONAL LUMBER - #2 SPRUCE PINE FIR (SPF) OR EQUAL
LAMINATED VENEER LUMBER (LVL)
E = 1,900,000 PSI
FB = 2600 PSI
TREATED LUMBER - #2 SOUTHERN PINE OR EQUAL

REQUIRED SPECIAL INSPECTIONS - REMOVED FROM PROJECT



2024 - DARBY W. MCCLOSKEY
ARCHITECT - ALL RIGHTS
RESERVED - NO
REPRODUCING OR
TRANSMITTING IN ANY
FORM OR BY ANY
MEANS, ELECTRONIC OR
MECHANICAL, INCLUDING
PHOTOGRAPHING, RECORDING,
OR BY ANY INFORMATION
STORAGE AND RETRIEVAL
SYSTEM, WITHOUT
PERMISSION IN WRITING
FROM THE ARCHITECT.

Darby W. McCloskey, AIA

Registered Architect, Florida, Georgia & South Carolina
1700 FREDERICA ROAD SUITE #203, St. Simons Ga. 31522 - 912-996-7942
Email : darby@darbyarchitect.com - Web : darbyarchitect.com

A "BUILDING PERMIT APPLICATION FOR
SUPER GOLDEN BUFFET 915 North Point Dr,
Alpharetta, GA 30022

BUILDING OWNER: Mikathy Corp

1069 W MORSE BLVD

WINTER PARK FL 32789

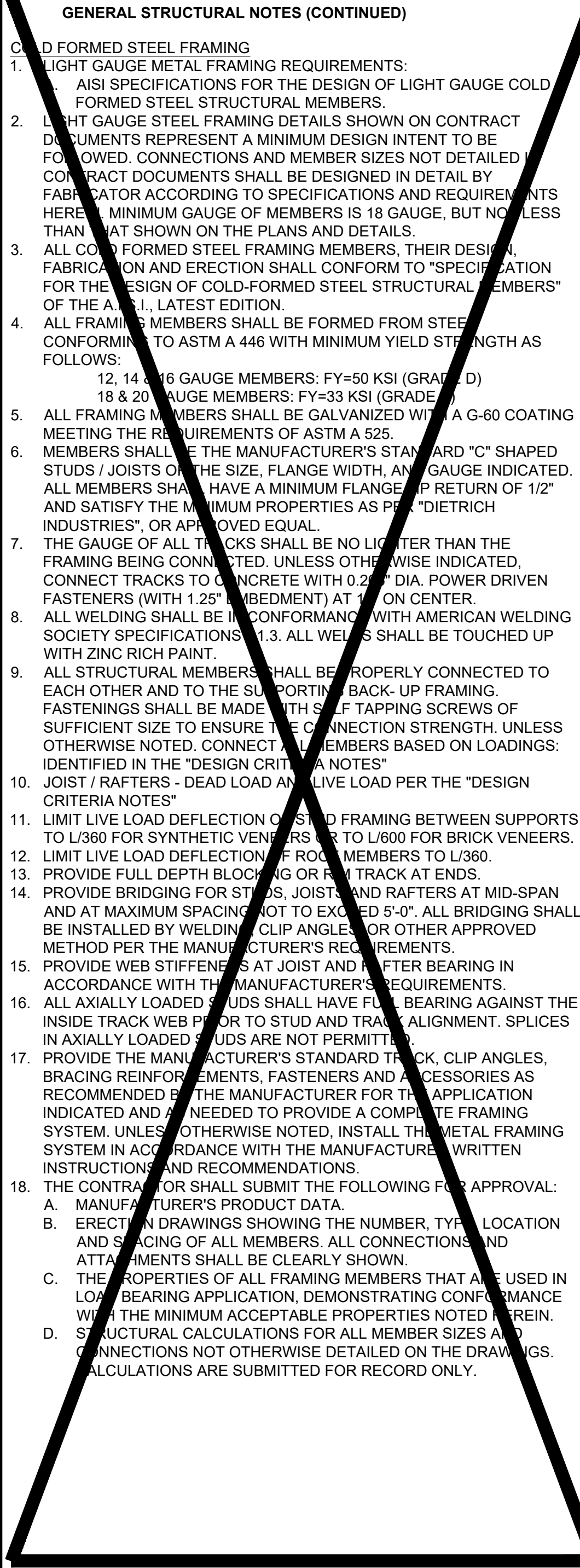
OWNER AGENT : Designs BY LISH LLC designs.by.lish@gmail.com - (407) 729-2022

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10-02-2024

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GENERAL STRUCTURAL NOTES (CONTINUED)

- COLD FORMED STEEL FRAMING
1. LIGHT GAUGE METAL FRAMING REQUIREMENTS:
a. AISI SPECIFICATIONS FOR THE DESIGN OF LIGHT GAUGE COLD FORMED STEEL STRUCTURAL MEMBERS.
 2. LIGHT GAUGE STEEL FRAMING DETAILS SHOWN ON CONTRACT DOCUMENTS REPRESENT A MINIMUM DESIGN INTENT TO BE FOLLOWED. CONNECTIONS AND MEMBER SIZES NOT DETAILED IN CONTRACT DOCUMENTS SHALL BE DESIGNED IN DETAIL BY FABRICATOR ACCORDING TO SPECIFICATIONS AND REQUIREMENTS HEREIN. MINIMUM GAUGE OF MEMBERS IS 18 GAUGE, BUT NOT LESS THAN WHAT SHOWN ON THE PLANS AND DETAILS.
 3. ALL COLD FORMED STEEL FRAMING MEMBERS, THEIR DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" OF THE AISC, I., LATEST EDITION.
 4. ALL FRAMING MEMBERS SHALL BE FORMED FROM STEEL CONFORMING TO ASTM A 446 WITH MINIMUM YIELD STRENGTH AS FOLLOWS:
12, 14 & 16 GAUGE MEMBERS: FY=50 KSI (GRADE 50)
18 & 20 GAUGE MEMBERS: FY=33 KSI (GRADE 33)
 5. ALL FRAMING MEMBERS SHALL BE GALVANIZED WITH A G-60 COATING MEETING THE REQUIREMENTS OF ASTM A 525.
 6. MEMBERS SHALL BE THE MANUFACTURER'S STANDARD "C" SHAPED STUDS / JOISTS OF THE SIZE, FLANGE WIDTH, AND GAUGE INDICATED. ALL MEMBERS SHALL HAVE A MINIMUM FLANGE UP RETURN OF 1/2" AND SATISFY THE MINIMUM PROPERTIES AS PER "DIETRICH INDUSTRIES", OR APPROVED EQUAL.
 7. THE GAUGE OF ALL TRACKS SHALL BE NO LIGHTER THAN THE FRAMING BEING CONNECTED. UNLESS OTHERWISE INDICATED, CONNECT TRACKS TO CONCRETE WITH 0.25" DIA. POWER DRIVEN FASTENERS (WITH 1.25" EMBEDMENT) AT 16" ON CENTER.
 8. ALL WELDING SHALL BE IN CONFORMANCE WITH AMERICAN WELDING SOCIETY SPECIFICATIONS D1.3. ALL WELDS SHALL BE TOUCHED UP WITH ZINC RICH PAINT.
 9. ALL STRUCTURAL MEMBERS SHALL BE PROPERLY CONNECTED TO EACH OTHER AND TO THE SUPPORTING BACK-UP FRAMING. FASTENINGS SHALL BE MADE WITH SELF TAPPING SCREWS OF SUFFICIENT SIZE TO ENSURE THE CONNECTION STRENGTH. UNLESS OTHERWISE NOTED, CONNECT ALL MEMBERS BASED ON LOADINGS: IDENTIFIED IN THE "DESIGN CRITERIA NOTES"
 10. JOIST / RAFTERS - DEAD LOAD AND LIVE LOAD PER THE "DESIGN CRITERIA NOTES"
 11. LIMIT LIVE LOAD DEFLECTION OF STUD FRAMING BETWEEN SUPPORTS TO L/360 FOR SYNTHETIC VENEERS OR TO L/600 FOR BRICK VENEERS.
 12. LIMIT LIVE LOAD DEFLECTION OF ROOF MEMBERS TO L/360.
 13. PROVIDE FULL DEPTH BLOCKING OR RUN TRACK AT ENDS.
 14. PROVIDE BRIDGING FOR STUDS, JOISTS AND RAFTERS AT MID-SPAN AND AT MAXIMUM SPACING NOT TO EXCEED 5'-0". ALL BRIDGING SHALL BE INSTALLED BY WELDING CLIP ANGLES OR OTHER APPROVED METHOD PER THE MANUFACTURER'S REQUIREMENTS.
 15. PROVIDE WEB STIFFENERS AT JOIST AND RAFTER BEARING IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
 16. ALL AXIALLY LOADED STUDS SHALL HAVE FULL BEARING AGAINST THE INSIDE TRACK WEB PRIOR TO STUD AND TRACK ALIGNMENT. SPLICES IN AXIALLY LOADED STUDS ARE NOT PERMITTED.
 17. PROVIDE THE MANUFACTURER'S STANDARD TRACK, CLIP ANGLES, BRACING REINFORCEMENTS, FASTENERS AND ACCESSORIES AS RECOMMENDED BY THE MANUFACTURER FOR THE APPLICATION INDICATED AND AS NEEDED TO PROVIDE A COMPLETE FRAMING SYSTEM. UNLESS OTHERWISE NOTED, INSTALL THE METAL FRAMING SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
 18. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR APPROVAL:
A. MANUFACTURER'S PRODUCT DATA.
B. ERECTION DRAWINGS SHOWING THE NUMBER, TYPE, LOCATION AND SPACING OF ALL MEMBERS. ALL CONNECTIONS AND ATTACHMENTS SHALL BE CLEARLY SHOWN.
C. THE PROPERTIES OF ALL FRAMING MEMBERS THAT ARE USED IN LOAD BEARING APPLICATION, DEMONSTRATING CONFORMANCE WITH THE MINIMUM ACCEPTABLE PROPERTIES NOTED HEREIN.
D. STRUCTURAL CALCULATIONS FOR ALL MEMBER SIZES AND CONNECTIONS NOT OTHERWISE DETAILED ON THE DRAWINGS. CALCULATIONS ARE SUBMITTED FOR RECORD ONLY.

WALL SHEATHING

WALL SHEATHING SHALL BE MINIMUM 15/32" THICK APA RATED PANELS, RATED FOR SPACING OF SUPPORTING MEMBERS. A MINIMUM 32/16 SPAN RATING IS RECOMMENDED. PROVIDE EXTERIOR OR EXPOSURE 1 GRADE. PANELS SHALL BE CONTINUOUS OVER TWO OR MORE SPANS, AND LONG DIMENSION OF PANEL MAY BE EITHER PERPENDICULAR OR PARALLEL TO SUPPORTS. ALL EDGES SHALL BE BLOCKED. FASTEN WALL SHEATHING WITH 8D NAILS (.131" DIAMETER X 2 1/2") SPACED AT 4" ON CENTER AT SUPPORTED EDGES AND 8" ON CENTER AT INTERMEDIATE SUPPORTS. LEAVE AN 1/8" GAP AT ALL END AND EDGE JOINTS TO ALLOW FOR EXPANSION. STAGGER END JOINTS OF PANELS. REFER TO PLAN AND NOTES FOR ANY SPECIAL SHEAR WALL NAILING AND BOLTING CONDITIONS. GYPSUM SHEATHING TO BE A MINIMUM OF 1/2" THICK FASTENED WITH 6D COOLER OR WALLBOARD NAILS AT 7" ON CENTER TO ALL FRAMING MEMBERS.

ROOF SHEATHING

ROOF SHEATHING SHALL BE MINIMUM 3/4" THICK MINIMUM APA RATED PANELS. RATED FOR SPACING OF SUPPORTING MEMBERS. A MINIMUM OF 40/20 SPAN RATING IS REQUIRED. PROVIDE PANEL CLIPS, ONE BETWEEN EACH SUPPORT, FOR SUPPORTS SPACED GREATER THAN 16" ON CENTER. PROVIDE EXTERIOR OR EXPOSURE 1 GRADE. PANELS SHALL BE CONTINUOUS OVER TWO OR MORE SPANS, AND LONG DIMENSION OF PANEL SHALL BE PERPENDICULAR TO SUPPORTS. FASTEN ROOF SHEATHING WITH 8D NAILS (.131" DIAMETER X 2 1/2") SPACED AT 4" ON CENTER AT SUPPORTED EDGES, AND 8" ON CENTER AT INTERMEDIATE SUPPORTS. LEAVE AN 1/8" GAP AT ALL END AND EDGE JOINTS TO ALLOW FOR EXPANSION. DESIGN OF ROOF SHEATHING ASSUMES THAT THE ROOF WILL BE PROPERLY INSULATED AND VENTILATED. REFER TO APA PUBLICATION N335N "PROPER INSTALLATION OF APA RATED SHEATHING FOR ROOF APPLICATIONS."

LVL WOOD MEMBERS

LVL MEMBERS NOTED ON DRAWINGS ARE ENGINEERED LAMINATED VENEER LUMBER AS MANUFACTURED BY THE ILEVEL - WEYERHAEUSER COMPANY. ALTERNATE AT CONTRACTOR'S OPTION OF EQUAL DESIGN PROPERTIES. SIZES SHOWN ON PLAN ARE ACTUAL SIZE.



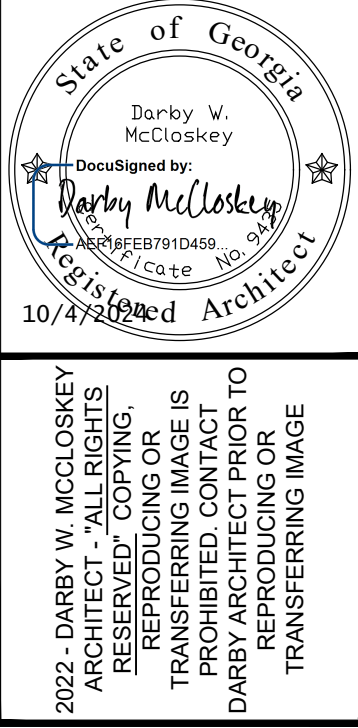
FOR CONSTRUCTION

A "BUILDING PERMIT APPLICATION FOR
SUPER GOLDEN BUFFET 915 North Point Dr,
Alpharetta, GA 30022
BUILDING OWNER: Mikathy Corp
1069 W MORSE BLVD
WINTER PARK FL 32789
OWNER AGENT : Designs BY LISH LLC. designsbylish@gmail.com - (407) 729-2022

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10-02-2024	

22-3

Darby W. McCloskey, AIA
Registered Architect, Florida, Georgia & South Carolina
1700 FREDERICA ROAD SUITE #203, St. Simons Ga. 31522 - 912-996-7942
Email : darby@darbyarchitect.com - Web : darbyarchitect.com



CITY OF ALPHARETTA

DESIGN REVIEW BOARD APPLICATION

FOR OFFICE USE ONLY

Case DRB: _____

☐ Fee Paid Initial: _____

For your convenience, this form may be completed electronically and printed upon completion. If you choose to handwrite your responses, please print in a clear, easily legible fashion.

Please complete this form and the submittal package in its entirety. *See Page 2 "Instructions and Required Materials" for details.* Lastly, verify that all information is true and accurate.

Your completed submittal package should be delivered to:

City of Alpharetta
2 Park Plaza
Alpharetta, GA 30009

NOTE: All applicable fees must be included with the application. Please note that a 3% convenience fee will be added to all credit card transactions. Applications will be accepted only on the dates reflected on the page of this form titled "Filing Deadlines and Meeting Schedule" and only between the hours of 8:30 AM and 3:30 PM.

If you have questions regarding this application or the design review process, please contact [Bret Schroeder](#) by calling 678-297-6088.

Business Name: [Super Golden Buffet](#)

Location Address: [915 North Point Drive, Alpharetta, GA](#)

Mailing Address: [915 North Point Drive](#)

City: [Alpharetta](#) State: [GA](#) Zip Code: [30022-8266](#)

Contact for All Notifications: [James Weng](#)

Contact Telephone: [806](#) - [576](#) - [9821](#) Mobile Telephone: _____ - _____ - _____

Fax: _____ - _____ - _____ Email: Yongweng1993@gmail.com

Contact's Relation to Business: [Owner](#)

This Application For (Check all that apply):

- ☒ Addition
- ☐ Modification to Exterior
- ☐ Auxiliary Structure
- ☐ New Construction
- ☐ Color Selection
- ☐ Signage
- ☐ Material Selection

Application Fees:

Signs	\$	175.00
All other reviews	\$	350.00
Legal Advertising Requirement for every application	\$	175.00
Total Due		_____



CITY OF ALPHARETTA

DESIGN REVIEW BOARD APPLICATION

Property Owner Information:

Property Owner Name: Sunshine Enterprises Group LLC / James Weng

Physical Address: 915 North Point Drive

Mailing Address: 915 North Point Drive

City: Alpharetta State: GA Zip Code: 30022 -

Owner Telephone: 806 - 576 - 9821 Contact Fax: - -

Property Owner Authorization *(Must be completed if the applicant is not the legal owner of the subject property):*

I, the undersigned, do hereby swear and attest, under penalty of law for false swearing, that I am the legal owner, as shown in the records of Fulton County, Georgia, of the property described herein and that I authorize the person identified herein as "Applicant" to act on my behalf in pursuit of this request.

Owner Name (Printed): James Weng Date: 3/11/25

Owner Signature: _____

Property Information:

Address (If Assigned) : 915 North Point Drive

Tax ID or Map Reference Number: Parcel ID P00006001499

Land Lot(s): _____ District: _____ Section: _____

Existing Zoning of Property: _____ Existing Uses of Property: _____

This form is to be executed under oath. I, the person identified herein as "Applicant," do solemnly swear and attest, subject to criminal penalties for false swearing, that the information provided in this Design Review Board Application is true and correct and contains no misleading information. I also understand that Design Review Board review and/or approval does not include review or approval for code compliance and that City of Alpharetta site and building plan review staff should be contacted with respect to code compliance issues and permitting procedures.

Applicant Signature: _____ Date: _____ Print Form

DESIGN REVIEW BOARD REVIEW CRITERIA

How will this proposal be visually compatible with the character of the surrounding areas?

This is an existing building and existing landscape.

In your submittal package, have you included a site line study from the public right of way, which shows the location of rooftop structures? If not, please explain below. **YES**

DESIGN REVIEW BOARD REVIEW CRITERIA

Please respond to the following ONLY if your application is within the North Point Overlay.

Explain how your application meets the site design and streetscape standards required for the North Point Overlay. *Site Design and Streetscape standards for the North Point Overlay can be found at this link: [Unified Development Code §2.10.3\(B\)](#).*

Not Applicable.

Explain how your application meets the fenestration, pedestrian access, building materials, building facade, and building massing standards required for the North Point Overlay.

Building design standards for the North Point Overlay can be found at this link: [Unified Development Code §2.10.8](#).

Not Applicable

Describe the type of Civic Spaces and/or Amenity Spaces that your application includes.

Open Space requirements for the North Point Overlay can be found at this link: [Unified Development Code §2.10.10](#).

Not Applicable

Please list and describe the Eco District measures that your application includes.

Eco District Measures for the North Point Overlay can be found at this link: [Unified Development Code §2.10.11](#).

Not Applicable

DESIGN REVIEW BOARD REVIEW CRITERIA

Please respond to the following ONLY if your application is within the Downtown Overlay.

Which of the following architectural design styles does your application include?

- | | | |
|---|---|---|
| ☐ Georgian | ☐ Shingle | ☐ French Colonial |
| ☐ Federal / Adam | ☐ Folk Victorian | ☐ French Eclectic |
| ☐ Greek Revival | ☐ Romanesque | ☐ French New Traditional |
| ☐ Neoclassical | ☐ Italianate | |
| ☐ Stick | ☐ Tudor Eclectic | |
| ☐ Queen Anne | ☐ Beaux Arts | |

Please review the Downtown Overlay Architectural Style Requirements at this link: [Unified Development Code § 2.8.7\(D\)-\(R\)](#)

Describe how your application meets one (or more) of the above architectural design styles.

[Not Applicable](#)

Please review the Alpharetta Downtown Design Guidelines at this link: [Alpharetta Downtown Design Guidelines](#)

List how your application aligns with or compliments the Alpharetta Downtown Design Guidelines.

[Not Applicable](#)

HVAC LEGEND

SYMBOL	DESCRIPTION
	RECTANGULAR DUCT
	ROUND DUCT
	DUCT TRANSITION
	RECTANGULAR ELBOW W/ TURNING VANES
	ROUND RADIUS ELBOW
	ROUND FLEXIBLE DUCT
	VOLUME DAMPER
	SUPPLY AIR DIFFUSER GRILLE
	RETURN AIR GRILLE
	OUTSIDE AIR RECTANGULAR DUCT UP OR DOWN
	RETURN AIR RECTANGULAR DUCT UP OR DOWN
	EXHAUST AIR RECTANGULAR DUCT UP OR DOWN
	THERMOSTAT OR TEMPERATURE
	COOLING COIL CONDENSATE DRAIN
	REFRIGERANT SUCTION & LIQUID PIPING



COMcheck Software Version COMcheckWeb
Mechanical Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: SUPER GOLDEN BUFFET DINING ROOM ADDTION AT ALPHARETTA GA
Location: Alpharetta, Georgia
Climate Zone: 3a
Project Type: Addition

Construction Site: 915 NORTH POINT DR, ALPHARETTA, Georgia 30022
Owner/Agent: MILKATHY CORP, 1069 W MORSE BLVD WINTER PARK, Florida 32789
Designer/Contractor: OC+M, 1325 SATELLITE BLVD NW, STE.1401 SUWANEE, Georgia 30024 770-696-6232 OCplusM@OCplusM.com

Mechanical Systems List

QuantitySystem Type & Description

1 HVAC System (Single Zone):
Split System Heat Pump
Heating Mode: Capacity = 106 kBtu/h,
Proposed Efficiency = 3.30 COP, Required Efficiency = 3.30 COP
Cooling Mode: Capacity = 119 kBtu/h, , Air Economizer
Proposed Efficiency = 11.00 EER, Required Efficiency = 11.00 EER
Proposed Part Load Efficiency = 12.00 IEER, Required Part Load Efficiency = 12.00 IEER
Fan System: FAN 1 -- Compliance (Motor nameplate HP and fan efficiency method) : Passes
Fans:
FAN 1 Supply, Constant Volume, 4000 CFM, 2.4 motor nameplate hp, 0.0 fan efficiency grade, 0.0 total fan efficiency, 0.0 design fan efficiency , fan exception: Single fan <= 5HP

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Byungkeun Min, PE
Name - Title
Signature
11.29.2024
Date

DUCT & PIPING NOTES

- RUN ALL CONCEALED HORIZONTAL PIPING AND DUCTWORK ABOVE CEILING, TIGHT TO STRUCTURE UNLESS OTHERWISE NOTED. RUN ALL EXPOSED PIPING AND DUCTWORK AS HIGH AS POSSIBLE UNLESS OTHERWISE NOTED.
- DUCTWORK SIZES ARE SHEET METAL DIMENSIONS. PROVIDE DUCT LINER ONLY WHERE INDICATED OR NOTED ON PLANS. PIPE SIZES ARE NOMINAL DIAMETERS.
- PROVIDE ESCUTCHEON PLATES WHERE DUCTS OR PIPES PENETRATE ASSEMBLIES IN FINISHED AREAS EXPOSED TO VIEW. ESCUTCHEONS FOR DUCTS SHALL BE CONSTRUCTED OF THE SAME MATERIAL AS DUCT. PIPE ESCUTCHEONS SHALL BE CHROME-PLATED BRASS. PIPE, CONDUIT AND DUCT OPENINGS THROUGH ASSEMBLIES AROUND MECHANICAL ROOMS SHALL BE PACKED WITH MINERAL WOOL AND SEALED.
- LOCATE ALL CONTROL DEVICES (TEMPERATURE, PRESSURE, AND FLOW MEASURING, ETC.)IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE OR DUCT UPSTREAM AND DOWNSTREAM AS REQUIRED BY THE MANUFACTURER FOR GOOD ACCURACY.
- CONCEALED DUCTWORK SHALL BE INSULATED USING EXTERIOR DUCT WRAP INSULATION. WRAPPED INSULATION SHALL BE 2 INCH THICK GLASS FIBER FLEXIBLE DUCT INSULATION, 0.75 POUND DENSITY WITH U.L. APPROVED FSK JACKET. SECURE WITH ADHESIVE APPLIED DIRECTLY TO THE DUCT IN 4 INCH WIDE STRIPS AROUND THE DUCT ON 12 INCH CENTERS AND TAPE ALL JOINTS. WHERE REQUIRED, ACOUSTICAL DUCT LINING SHALL BE 1-1/2 INCH THICK RIGID DUCTBOARD AND SHALL COMPLY WITH FIRE CLASSIFICATION REQUIREMENTS OF NFPA 90A AND 90B. ADHERE LINER TO DUCT WITH FIRE RESISTANT ADHESIVE AND WELDED PIN TYPE MECHANICAL FASTENERS AS INDICATED IN SMACNA STANDARDS.
- EXPOSED ROUND AND FLAT OVAL DUCTWORK IN FINISHED SPACES SHALL BE DOUBLEWALL SPIRAL DUCT WITH 2" FIBERGLASS INSULATION BETWEEN THE DUCT WALLS. WHERE DOUBLE WALL DUCT REQUIRES SOUND ATTENUATION, A PERFORATED INTERIOR WALL SHALL BE USED.
- FLEXIBLE DUCT LENGTH SHALL NOT EXCEED 5 FEET, AND SHALL ONLY BE INSTALLED IN CONCEALED SPACES.
- ACOUSTICAL LINING SHALL BE PROVIDED ON THE FIRST 15'-0" OF SUPPLY AND RETURN DUCT CONNECTED TO AIR HANDLING UNITS AND FAN POWERED TERMINAL BOXES.
- ALL DUCT PENETRATIONS OF WALLS SHALL BE MADE WITH RIGID METAL DUCTS. FLEXIBLE DUCT PENETRATIONS OF WALLS ARE NOT ACCEPTABLE.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF DIFFUSERS, REGISTERS, AND GRILLES. FINISH AND COLOR TO BE SELECTED FROM MANUFACTURER'S STANDARD PALETTE AND APPROVED BY ARCHITECT UNLESS OTHERWISE NOTED.
- ALL ELBOWS IN DUCTWORK SHALL BE RADIUS ELBOWS UNLESS OTHERWISE NOTED. WHERE SQUARE ELBOWS ARE SHOWN, OR WHERE FIELD CONDITIONS PREVENT USE OF RADIUS ELBOWS, INSTALL AIRFOIL TYPE TURNING VANES IN ACCORDANCE WITH SMACNA STANDARDS.
- PROVIDE LOCKING OPPOSED BLADE MANUAL VOLUME DAMPERS WHERE INDICATED ON THE DUCT PLANS, AT SUPPLY, RETURN, AND EXHAUST BRANCH DUCTS, AND IN EACH RUNOUT TO AIR TERMINALS. UNLESS DAMPER IS SPECIFIED AT TERMINAL. BRANCH DUCT DAMPERS SHALL BE AS CLOSE TO MAIN TRUNK DUCT AS POSSIBLE. VOLUME DAMPERS ABOVE INACCESSIBLE CEILINGS SHALL BE PROVIDED WITH REMOTE CABLECONTROLS WITH ALL NECESSARY HARDWARE, TERMINATING 3" ACCESS PORT WITH FINAL LOCATION COORDINATED IN FIELD BY ARCHITECT.
- PROVIDE PIANO-HINGED DUCT ACCESS DOORS AT ALL DUCT ACCESSORIES (MOTOR OPERATED DAMPERS, FIRE DAMPERS, ETC.) REQUIRING MAINTENANCE AND SERVICE, AND WHERE REQUIRED FOR OPERATION, ADJUSTMENT, AND MAINTENANCE OF MECHANICAL EQUIPMENT. WHERE ACCESS DOORS ARE LOCATED ABOVE AN INACCESSIBLE CEILING, PROVIDE AN ACCESS DOOR IN THE CEILING. PROVIDE RATED ACCESS PANELS AS REQUIRED TO MAINTAIN ASSEMBLY RATING.
- BEFORE FABRICATING DUCTWORK, THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATION AND SIZE WITH ALL OTHER TRADES.
- PROVIDE AUXILIARY CONDENSATE PANS BELOW EQUIPMENT INSTALLED ABOVE CEILINGS. PROVIDE FLOAT SWITCH ON AUXILIARY PAN TO SHUTDOWN EQUIPMENT AND GENERATE AN AUDIBLE ALARM IN THE EVENT OF PRIMARY DRAIN PAN OVERFLOW.
- EXTEND CONDENSATE DRAIN PIPING TO NEAREST DRAIN UNLESS OTHERWISE NOTED. ALL CONDENSATE PIPING SHALL BE TRAPPED AND PITCHED AT A MINIMUM OF 1/8" PER LINEAR FOOT TOWARDS THE DRAIN.
- INSTALL ALL PIPING ACCESSORIES (VALVES, STRAINERS, ETC.) REQUIRING ACCESS FOR MAINTENANCE OR REPLACEMENT IN AN ACCESSIBLE LOCATION. WHERE INSTALLED ABOVE AN INACCESSIBLE CEILING, PROVIDE AN ACCESS DOOR IN THE CEILING. PROVIDE RATED ACCESS PANELS AS REQUIRED TO MAINTAIN ASSEMBLY RATING.
- REFRIGERANT PIPING SHALL BE INSTALLED AS REQUIRED BY MANUFACTURER. PROVIDE ALL ACCESSORIES REQUIRED FOR PROPER OPERATION AND MAINTENANCE OF SYSTEM (OIL TRAPS, STRAINERS, FILTER DRYERS, ETC.) IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

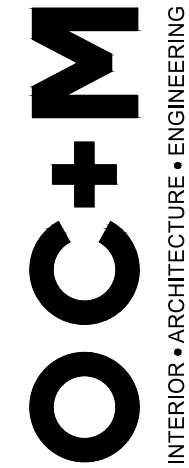
GENERAL NOTES

- THE CONTRACTOR SHALL VISIT THE PREMISES TO THOROUGHLY THE CONTRACTOR SHALL VISIT THE PREMISES TO THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL DETAILS OF THE WORK, WORKING CONDITIONS, AND VERIFY ALL DIMENSIONS IN THE FIELD. ALSO, THE CONTRACTOR SHALL ADVISE THE ARCHITECT, ENGINEER AND THE OWNER OF ANY DISCREPANCY BEFORE PERFORMING ANY WORK.
- ALL WORK IS TO BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL MECHANICAL CODE AND BUILDING CODE, NFPA CODES, AND APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. OBTAIN ALL PERMITS REQUIRED, GIVE ALL LEGAL NOTICES, AND HAVE ALL WORK INSPECTED AS REQUIRED BY LOCAL OR STATE LAW.
- DRAWINGS SHOULD BE INTERPRETED AS GENERAL LAYOUT AND ARRANGEMENT DRAWINGS. THE DRAWINGS ARE NOT INTENDED TO SHOW AND CANNOT SHOW COMPLETE OR PRECISE MEASUREMENTS AND DETAILS OF THE BUILDING AND INSTALLATION IN EVERY RESPECT, AND THEY DO NOT INCLUDE ALL DETAILS OF MANUFACTURED EQUIPMENT, CONSTRUCTION, PIPING, DUCT WORK, ETC. MEASUREMENT FIGURES WRITTEN UPON THE DRAWING ARE TO BE RELIED UPON AS A DIMENSION FOR INSTALLATION PURPOSES. EXACT LOCATIONS AND MEASUREMENTS ARE TO BE DEFINED IN THE FIELD AND THE CONTRACTOR IS RESPONSIBLE FOR THEIR ACCURACY AND USE IN CONSTRUCTION OF THE WORK. COORDINATE CLOSELY WITH OWNER & OTHER TRADES.
- TRANSITION RECTANGULAR DUCTWORK ON BOTTOM AND SIDES. MAINTAIN TOP OF DUCTWORK LEVEL AND AS HIGH AS POSSIBLE UNLESS NOTED OTHERWISE.
- FLEXIBLE DUCT RUN OUTS TO CEILING DIFFUSERS SHALL BE FREE OF 90 DEG. TURNS, SAGS AND KINKS AND SHALL BE THE SAME SIZE AS THE DIFFUSER INLET. MAXIMUM LENGTH = 5 FEET.
- ALL DUCT TRANSITIONS FROM SQUARE TO ROUND ARE TO BE SMOOTH AND TAPERED SQUARE TO ROUND TRANSITIONS. SPIN-IN FITTINGS AT THE END OF CAPPED DUCTS ARE NOT ACCEPTABLE.
- DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR DIMENSION.
- USE 45° ENTRY, LOW LOSS TAP/FITTING WITH QUADRANT AND EXTRACTOR IN ALL DUCT TAKE-OFFS. PROVIDE WITH 2" BUILD-OUT FOR LOCKING QUADRANT ON INSULATED DUCT.
- ALL SUPPLY, RETURN DUCT RUNOUTS TO GRILLES AND DIFFUSERS ARE TO BE THE SAME SIZE AS GRILLE NECK UNLESS NOTED OTHERWISE.
- VERIFY LOCATION OF ALL THERMOSTAT AND FAN SWITCH LOCATIONS WITH THE ARCHITECT. MOUNT BOTTOM OF ALL THERMOSTATS 3' 4" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
- CONDENSATE LINES ARE TO BE TRAPPED AND SLOPED 1/8" PER FOOT IN HORIZONTAL RUNS, AND TERMINATE ABOVE A DRAIN OR RECEPTOR.
- COORDINATE VOLTAGE AND PHASE OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL CONTRACTOR BEFORE SUBMITTING SHOP DRAWINGS OR ORDERING EQUIPMENT.
- COORDINATE LOCATION & PROVIDE ALL ACCESS DOORS OR PANELS FOR VALVES, DAMPERS, OR ANY OTHER EQUIPMENT REQUIRING SERVICE ACCESS.
- ALL ELECTRICAL DISCONNECT SWITCHES FOR MECHANICAL EQUIPMENT ARE TO BE PROVIDED AS PER SCHEDULES.THIS INFORMATION SHALL BE INDICATED ON SHOP DRAWINGS.
- ON SQUARE & RECTANGULAR DUCTWORK, ALL MITERED ELBOWS AND BULL HEAD TEES ARE TO BE CONSTRUCTED WITH SINGLE-THICKNESS VANES (1.5" VANE SPACING) WITH A FITTING LOSS COEFFICIENT OF 0.11 OR LESS.
- REFER TO ARCHITECTURAL PLANS AND REFLECTED CEILING PLANS TO COORDINATE ACTUAL LOCATIONS OF MECHANICAL EQUIPMENT WITH LAYOUT OF WALLS, PARTITIONS AND LOCATIONS OF CEILING MOUNTED DEVICES.
- FOLLOW MANUFACTURER'S RECOMMENDATIONS AND WRITTEN INSTRUCTIONS FOR THE INSTALLATION OF ALL EQUIPMENT, MATERIALS AND ASSEMBLIES INDICATED ON THESE CONTRACT DOCUMENTS. SHOULD CONFLICTS ARISE BETWEEN THESE DOCUMENTS, CODE REQUIREMENTS AND MANUFACTURER'S INSTRUCTIONS, THE MORE STRINGENT REQUIREMENT ARE TO GOVERN.
- COORDINATE WORK WITH THAT OF ALL OTHER TRADES TO ELIMINATE INTERFERENCE'S. EXAMINE IN ADVANCE THE LOCATION OF ELECTRICAL SYSTEMS, DUCTS, PIPING, STRUCTURES, CONDUITS AND OTHER EQUIPMENT AND COMPONENTS TO BE INSTALLED AND PROPERLY COORDINATE THE INSTALLATION OF MECHANICAL WORK TO AVOID INTERFERENCE'S BEFORE FABRICATING AND INSTALLING WORK. DETERMINE ALL DIMENSIONS BY ACTUAL FIELD CONDITIONS, MEASUREMENTS FROM MANUFACTURERS' CERTIFIED PRINTS AND COORDINATION WITH OTHER TRADES AND TO MODIFY, OFFSET OR OTHERWISE ACCOMMODATE ALL EQUIPMENT TO THE STRUCTURE, UTILITIES AND OTHER EQUIPMENT.
- SUPPORT AND FASTEN ALL DUCTWORK, EQUIPMENT, ETC. SECURELY IN PLACE. SPACE, SECURE AND ADJUST HANGERS AND DUCTS, WITHOUT DEFLECTION OR SAG. CHAIN, STRAP, PERFORATED STRAP, WIRE HANGERS, OR WOOD PLUGS ARE PROHIBITED.
- ITEMS SPECIFIED HEREIN BY MANUFACTURER AND MODEL NUMBER ARE TO BE CONSIDERED THE MINIMUM QUALITY ACCEPTABLE FOR THE SPECIFIED APPLICATION AND ESTABLISH A STANDARD OF REQUIRED FUNCTION, DIMENSION, APPEARANCE, SERVICEABILITY, AVAILABILITY OF SPARE PARTS AND QUALITY TO BE MET BY ANY PROPOSED SUBSTITUTION. FOR SUBSTITUTIONS, IT IS TO BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SUFFICIENT INFORMATION TO ESTABLISH "OR EQUAL" STATUS, IN THE DESIGN ENGINEER'S OPINION AND TO COORDINATE INSTALLATION OF THE AVAILABLE SPACE. INCREASED COSTS TO THE PROJECT ASSOCIATED WITH CONTRACTOR SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- MAKE ALL NECESSARY TESTS, TRIAL OPERATIONS, ETC. REQUIRED TO PROVE THAT ALL SYSTEMS ARE IN COMPLETE SERVICEABLE CONDITION AND WILL FUNCTION AS INTENDED. ALL COSTS OF TEST SHALL BE BORNE BY CONTRACTOR. SHOULD TEST REVEAL ANY DEFECTIVE MATERIAL OR WORKMANSHIP, SUCH WORK SHALL BE REPLACED AND TESTS REPEATED. ALL CORRECTIONS SHALL BE MADE USING NEW MATERIALS.
- FURNISH ALL NECESSARY ASSISTANCE AS DIRECTED BY THE OWNER WHICH MAY BE REQUIRED TO PROPERLY INSTRUCT THE OWNER IN THE OPERATION OF ALL EQUIPMENT. THIS SHALL INCLUDE PERSONAL INSTRUCTION COVERING ROUTINE MAINTENANCE AND OPERATION OF EQUIPMENT.
- OPERATING AND MAINTENANCE MANUALS FOR ALL EQUIPMENT SHALL INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: INCLUDING NECESSARY CUT SHEETS, CHARTS, WRITTEN INSTRUCTIONS, WIRING DIAGRAMS, FINAL AS-BUILT DRAWINGS WITH BALANCED AIR FLOWS INDICATED ETC. THESE MAINTENANCE INSTRUCTIONS SHALL BE BOUND IN SUITABLE HARD BACK RING BIDDERS, PROPERLY INDEXED, AND DELIVERED TO THE OWNER AND ARCHITECT.
- MAINTAIN AN ACCURATE SET OF RECORD DRAWINGS ON-SITE AT ALL TIMES DURING CONSTRUCTION WHICH SHALL BE AVAILABLE FOR EXAMINATION BY THE OWNER'S REPRESENTATIVE UPON REQUEST. PROVIDE THE OWNER WITH A COMPLETE MARKED-UP SET OF THE CONTRACT DRAWINGS AT PROJECT COMPLETION.
- CORRECT ANY DEFECTS IN WORKMANSHIP AND/OR MATERIAL WHICH OCCUR DURING THE FIRST YEAR OF OPERATION. CERTIFICATE WILL COMMENCE ON THE DATE OF ACCEPTANCE OF WORK BY OWNER. SUBMIT WRITTEN CERTIFICATE WITH MAINTENANCE DATA. THE CONTRACTOR SHALL PROVIDE A WRITTEN MANUFACTURER'S WARRANTY ON ALL PARTS AND LABOR FOR A PERIOD OF 1 YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. WHERE INDICATED, PROVIDE EXTENDED WARRANTIES FOR PERIODS INDICATED.
- ALL EQUIPMENT FURNISHED SHALL BE UL APPROVED AND SHALL BE LABELED OR LISTED BY UL.
- REESTABLISH THE INTEGRITY OF ALL RATED ASSEMBLIES IN WHICH HIS WORK REQUIRES ALTERATION OR MODIFICATION.
- FRAME AND SEAL ALL DUCT PENETRATIONS THROUGH WALLS AND FLOORS.
- MATERIAL SHALL BE NEW AND MADE BY AN APPROVED MANUFACTURER. PIPING SHALL BE INSTALLED SO THAT IT CAN BE COMPLETELY DRAINED. EQUIPMENT AND MATERIALS SHALL BE INSTALLED, ERECTED OR APPLIED WITH THE BEST ENGINEERING OR CONSTRUCTION PRACTICE. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE OBSERVED, AS WELL AS ANY SPECIFIC INSTRUCTIONS GIVEN BY THE OWNER. ALL SUBSTANDARD WORK INSTALLED BY THIS CONTRACTOR SHALL BE REPLACED BY THIS CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER. IF THIS CONTRACTOR DAMAGES EXISTING WORK, HE SHALL PAY THE COST OF REPLACEMENT OF THE DAMAGED WORK AT NO ADDITIONAL EXPENSE TO THE OWNER.
- PROVIDE DUCT LINER FOR THE FIRST 10' DOWNSTREAM OF EACH AIR HANDLING UNIT AND FIRST 5' DOWNSTREAM OF EACH TERMINAL UNIT (SINGLE DUCT AND FAN POWERED).

FOR CONSTRUCTION



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A "BUILDING PERMIT APPLICATION FOR
SUPER GOLDEN BUFFET 915 North Point Dr.,
Alpharetta, GA 30022
BUILDING OWNER: Mikathy Corp
1069 W MORSE BLVD
WINTER PARK FL 32789
OWNER AGENT : Design By LSH LLC. designs by lsh@gmail.com - (407) 729-2022

2427

11-29-2024	

MECHANICAL
NOTES & LEGENDS

M1.00

GENERAL INFORMATION

OWNER:
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1069 W MORSE BLVD
WINTER PARK, FL 32789
MEP ENGINEER:
OC+M, LLC
ENGINEER: BYUNGKEUN MIN, PE (PE046088)
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EMAIL: OCplusM@OCplusM.COM
ADDRESS: 1325 SATELLITE BLVD NW STE.1401 SUWANEE, GA 30024

DIVISION 23 - MECHANICAL SPECIFICATIONS

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. The Drawings and the general provisions of the Contract, including the General and Supplementary Conditions and other Division 1 Specification Sections, apply to the work of this Section.

1.02 SUMMARY

- A. Work Included: Basic mechanical requirements governing materials and workmanship incorporated into plumbing, heating, ventilating, air conditioning and related trades as specified herein.

1.03 REFERENCES

- A. Materials and workmanship shall comply with the following references, which are incorporated into the mechanical plans. Supplements which have been adopted by the governing agencies shall take precedence.
1. International Mechanical Code (2018 Edition)
 2. International Plumbing Code (2018 Edition)
 3. International Energy Conservation Code (2015 Edition)
 4. International Building Code (2018 Edition)
 5. International Fire Code (2018 Edition)
- B. HVAC System components shall comply with the nationally recognized standards for the type of equipment used including, but not limited to, Underwriter's Laboratories (UL), Sheet Metal and Air Conditioning Contractor's National Association (SMACNA) and the American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE) Handbook.

1.04 SUBMITTALS

- A. Product Data: Submit manufacturer's data for each item to be incorporated into the Work. Data shall be bound into a vinyl binder of 1" capacity and shall include an index at the front listing of all contents. Each submittal item shall be referenced to equipment mark (or symbol) number or material specification section.
- B. Shop Drawings: Submit shop drawings showing related dimensions, accurately scaled to established references and points of verification. Show sizes, materials, connections, elevations and related information.
- C. Record Drawings: Contractor shall maintain accurate "as-built" marked-up drawings through construction. Prior to final acceptance, submit (1) complete reproducible "as-built" set dated and signed.

1.05 SUBSTITUTIONS

- A. All base bids shall be per plans and specifications. All equipment shall be by the scheduled manufacturer.
- B. Any substitutions shall be submitted as an alternate bid. The manufacturer shall provide a separate schedule which shall include the section, paragraph, and subparagraph of these specifications and direct statement to indicate compliance or non-compliance with the requirements. For all areas of non-compliance the manufacturer shall describe what specific and alternative approach has been taken and document the impact this will have on the building systems to include sizing of the air delivery systems, the required cooling and heating capacities, energy costs, structure impacts, locations of equipment, etc.
- C. The manufacturer shall furnish a letter of compliance to the engineer, signed by a corporate officer of the firm, certifying the compliance and non-compliance items as stated above.

1.06 PROJECT/SITE CONDITIONS

- A. Prior to installation, verify that related installations and materials are complete to ensure no interruption or interference by delinquent trades. Notify Owner of all such delinquencies and obtain review and direction prior to proceeding, or accept responsibility for correction of faulty/defective installations.
- B. Permits and Fees: This Contractor shall arrange, apply for and pay for all permits, inspections, fees, and licenses required for this week by any legally constituted public authority. This Contractor shall furnish the Owner with final certificate of inspection at the completion of the work.
- C. Cleaning of Equipment and Premises: This Contractor shall thoroughly clean all equipment and apparatus and leave in satisfactory condition for finish painting. If equipment has been supplied with the factory finish, the Contractor shall also be responsible for touch-up work and/or refinishing if required. During construction of the job, this Contractor shall be responsible for clean up of cartons, scrap or debris caused by this work.

1.07 SEQUENCING AND SCHEDULING

- A. Contractor shall be responsible for scheduling the work of related trades to ensure timely and orderly progress of the total work to be performed.

1.08 GUARANTEES

- A. New materials and equipment to be guaranteed free from defects and faulty workmanship for a period of one year to date of occupancy. Where longer periods are specified in the specification, such longer periods shall govern.

PART 2 - PRODUCTS

None required.

PART 3 - EXECUTION

None required.

END OF SECTION

SECTION 230000 - HEATING, VENTILATING, AND AIR CONDITIONING

PART 1 - GENERAL

1.01 SCOPE

- A. The mechanical general requirements apply to work under this section. Furnish all materials and labor required to execute this work as indicated on the drawings, specified herein and necessary to complete the contract, including, but not limited to the following principle items:
1. Supply, return and general exhaust ductwork
 2. Ductwork and piping support
 3. Ductwork and piping insulation

PART 2 - PRODUCTS

2.01 HVAC EQUIPMENT

- A. See mechanical equipment schedules.

2.02 SUPPLY, RETURN AND EXHAUST DUCTWORK

- A. Galvanized steel ductwork and fittings shall be constructed in accordance with ASTM A525 and ASTM A527 of galvanized steel sheet, lock -forming quality, having G60 zinc coating in conformance with ASTM A90.
- B. Ductwork Fabrication
1. Provide ducts, plenums, access doors, fresh air intakes, and exhausts as indicated and required.
 2. All ductwork shall be constructed, erected and tested in accordance with the most restrictive of local regulations, procedures detailed in the ASHRAE Handbook of Fundamentals or the applicable standards adopted by the Sheet Metal and Air Conditioning Contractors National Association. Prefabricated spiral lockseam ducts and fittings are preferred in lieu of rectangular ducts of galvanized steel.
 3. Fabricate and support in accordance with SMACNA HVAC Duct Construction Standards - metal and flexible, and as indicated. Provide duct material, gauges, reinforcing, and sealing for operating pressures indicated.
 4. Construct all tees, bends and elbows with radius of not less than 1-1/2 times width of duct on centerline. Where not possible and where rectangular elbows are used, provide air foil turning vanes.
 5. Increase duct sizes gradually, not exceeding 15° divergence wherever possible; maximum 30° divergence upstream of equipment and 30° convergence downstream.
 6. Provide standard 45° lateral wye takeoffs unless otherwise indicated where 90° low loss tee connection may be used. 7. Horizontal ductwork shall be strongly supported with galvanized hangers in accordance with the requirements of the ASHRAE Guide and public authorities having jurisdiction.

C. Round and Oval Ductwork Fabrication

1. All round duct shall be spiral lockseam construction.
2. Steel round duct shall be of standard spiral (without intermediate ribs) or single-rib construction and shall be provided according to the table below.

Diameter (in.) (or Equiv. Rectangular Hydraulic Diameter)	Standard Spiral Gauge	
	0-2 Inches Wg (Positive)	0-2 Inches Wg (Negative)
3" - 8"	28	26
9" - 14"	28	26
15" - 26"	26	24

3. The use of round spiral duct for the pressures listed in table above shall be limited to systems whose maximum operating pressure never exceeds 2 inches wg for low pressure system and 10 inches wg for high pressure systems.
4. Duct shall be provided in continuous, unjoined lengths wherever possible. Except when interrupted by fittings, round spiral duct sections shall not be less than 12 feet long.
5. Fabricate round duct fittings per SMACNA Standard.

D. Rectangular Ductwork Fabrication

- 1.Flat duct surfaces shall be crimped diagonally regardless of size. Longitudinal joints in all duct sizes may be flat-lock joints. Transverse joints and intermediate bracing shall be constructed of galvanized sheet metal or galvanized structural angles in accordance with requirements of the ASHRAE guide and public authorities having jurisdiction.
- 2.All rectangular ducts shall conform to the SMACNA HVAC Duct Construction Standards (1995). The minimum duct gauge shall be two gauges heavier than Table 1-5 (2" w.g. static positive or negative) of the SMACNA standards.
- 3.Transverse joints for rectangular ducts shall be government locking with standing seams and sealed with mastic or duct sealer. Duct tape is not acceptable.
- 4.Longitudinal joints on low pressure supply ducts with internal static pressure in excess of 0.75 inches of water pressure shall be pittsburgh locking seam and sealed with mastic or duct sealer. Duct tape is not acceptable.
- 5.Lock joints shall be hammered to make them airtight. Inside of duct shall present a smooth surface of flow of air.
- 6.Turns shall be made with a throat radius of not less than the duct width. E. Plenums shall be made of 18 gauge galvanized sheet reinforced horizontally on a maximum of 48 inch centers by 1-1/2x1-1/4x1/8 inch galvanized angles and reinforced vertically by 1-1/2 inch standing seams.

2.03 DUCT SEALANT

- A. Transverse joints and longitudinal seams in duct systems shall be sealed with a duct sealant of the type specified in paragraph 1. Spiral lockseams are not longitudinal seams and do not require duct sealant. All sealants shall exceed 500 hours without becoming brittle under ASTM-D572 test conditions (oxygen bomb), unless specified otherwise. No surface preparation or solvent cleaning shall be necessary to remove light coatings of oil and dust before applying sealant unless specified otherwise. Construction joints that are not fully welded shall be sealed according to paragraph 1 below.
1. Assembly joints to be installed indoors shall be sealed with Hardcast Iron Grip 601, United McGill Uni-Grip or equal (no known equal). Sealer shall be a water-based (vinyl-acrylic polymer) sealant formulated to withstand temperatures from -25 to +200EF. Surfaces to be sealed should be clean, dry and free from oil, grease and dirt. Sealant shall be nonflammable (wet) and fire retardant. Sealant shall have a UL Classification marking with a flame spread of 5 and smoke developed of 5 when applied to 18-gauge galvanized steel and a flame spread of 0 and smoke developed of 0 when applied to inorganic reinforced cementboard, both at a coverage of 40 square feet per gallon.

2.04 DUCTWORK SUPPORT

- A. Low Velocity Duct Hangers:
1. Rectangular: Extend strap hangers down both sides of ducts; turn under bottom 2" minimum. Metal screw hangers to bottom of duct and to upper sides of duct at not more than 12" on center, per SMACNA HVAC Duct Construction (1995). Angle hangers may be formed by extending vertical bracing angles or by rods connection to bottom angles if size of bracing angles conforms to hanger schedule.
 2. Round: Provide band of same size of hanger strap around duct and attach both ends to hanger with fasteners of rated load, per SMACNA HVAC Duct Construction and Standards (1995).

RECTANGULAR DUCT HANGERS MINIMUM SIZE								
Maximum Half of Duct Perimeter	Pair at 10 ft. Spacing		Pair at 8 ft. Spacing		Pair at 5 ft. Spacing		Pair at 4 ft. Spacing	
	Strap	Wire/Rod	Strap	Wire/Rod	Strap	Wire/Rod	Strap	Wire/Rod
P/2 = 30"	1" x 22 ga.	10 ga.	1"x 22 ga.	10 ga.	1"x 22 ga.	12 ga.	1"x 22 ga.	12 ga.
P/2 = 72"	1" x 18 ga.	3/8"	1"x 20 ga.	1/4"	1"x 22 ga.	1/4"	1"x 22 ga.	1/4"
P/2 = 96"	1" x 16 ga.	3/8"	1"x 18 ga.	3/8"	1"x 20 ga.	3/8"	1"x 22 ga.	1/4"
P/2 = 120"	1.5"x16 ga.	1/2"	1"x 16 ga.	3/8"	1"x 18 ga.	3/8"	1"x 20 ga.	1/4"

ROUND DUCT HANGERS MINIMUM SIZE				
Duct Diameter	Maximum Spacing	Wire Diameter	Rod	Strap
10"	12'	One 12 ga.	1/4"	1" x 22 ga.
11-18"	12'	Two 12 ga.	1/4"	1" x 22 ga.
19-24"	12'	Two 10 ga.	1/4"	1" x 22 ga.
25-36"	12'	Two 8 ga.	3/8"	1" x 20 ga.

2.05 DUCTWORK ACCESSORIES

- A.Flexible Duct Connectors: Provide flexible fan connector at the inlet and discharge of all air handling equipment and where indicated on the drawings. The flexible duct connectors shall isolate vibration transition from the air handling equipment to the attached ductwork. The connectors shall be pre-assembled metal to exposed fabric to metal and shall be jointed by means of a double lock seam.
- 1.Flexible duct connector for indoor installation shall be Duo-Dyne Metal-Fab style with excelon fabric and griploc seams (Model Metal Fab #101059 MBX4-100). The dimension shall be 3" 24 gauge metal, 3" fabric and 3" 24 gauge metal. The fabric shall be a high tear strength nylon base (with a heavy black vinyl coating on both sides). It shall be UL listed and approved by the California State Fire Marshal's office.

2.06 PIPING SUPPORT

PIPE HANGERS MINIMUM SIZE		
Pipe Size	Maximum Hanger Spacing	Hanger Diameter
1/2" to 1-1/4"	6 ft. 6 in.	3/8"
1-1/2" to 2"	10 ft.	3/8"
2-1/2" to 3"	10 ft.	1/2"
4" to 6"	10 ft.	5/8"
8" to 12"	14 ft.	7/8"
PVC (all sizes)	6 ft.	3/8"
C.I. Bell & Spigot (or No Hub)	5 ft.	3/8"

2.07 PIPING ACCESSORIES

- A.Place a hanger within 12 in. of each horizontal elbow. Use hangers with at least 1-1/2" vertical adjustment. Support vertical piping at every floor. Support vertical cast iron pipe at each floor at hub and horizontal cast iron pipe adjacent to each hub, with 5 ft. maximum spacing between hangers.
- B.Where several pipes can be installed in parallel and at same elevation, provide multiple or trapeze hangers. Trapeze size, support size and spacing shall be governed by the cumulative weight of the supported pipe. Maximum trapeze deflection shall be 1/240th of the span on a maximum stress of 15,000 psi, whichever is more stringent.
- C.Support riser piping independently of connected horizontal piping.

PART 3 - EXECUTION

3.01 BALANCING, TESTS, AND GUARANTEE

- A.Preconstruction services including:
1. Preliminary plan review and report (Chapter 25)
- B. All performance testing and/or balancing of the air conditioning include:
1. Supply air systems. - General (Chapter 17)
 2. Low pressure air systems. - (Chapter 18)
 3. Medium and high pressure air systems. (Chapter 19)
 4. Return and exhaust air systems. (Chapter 21)
 5. Special systems (Chapter 23) including: a. Sound b. Vibration c. Combustion d. Duct Leakage
 6. Temperature control system. (Chapter 24)
 7. Report and report forms. (Chapter 26)
- C. On-line total system performance verification.
- NOTE: Chapters referred to herein are detailed in the National Standards Manual Of The Associated Air Balance Council (AABC).
- D.Selection of the Test and Balance Agency
1. By Mechanical Contractor: Total system balance shall be performed by an independent, non-affiliated agency certified by the Associated Air Balance Council (AABC), National Environmental Balancing Bureau (NEBB), or Sheet Metal and Air Conditioning Contractors' National Association (SMACNA), which specializes in and whose business is dedicated to testing, adjusting, and verification of the HVAC system performance. The submittal of unbiased reports shall be timely upon completion of work. This work shall conform to AABC specifications referred to in Chapters 17 through 26 of the AABC National Standard (Current Edition) and other criteria as set forth in this specification.
 - a. The contractor shall select the Test and Balance Agency from a list of pre-qualified agencies which is available on request from the consulting engineer acting for the owner. The name of the selected Test and Balance Agency, plus the name and registration number of the certified Test and Balance Engineer, shall be submitted to the owner's representative for approval within ninety (90) days after award of the project contract.
 - b. Test and Balance Agencies not pre-qualified must submit at least fifteen (15) days prior to commencement of work, proof of ability to meet the specifications and of having completed at least five (5) projects of similar size and scope.
- E.Balance the supply, return, and exhaust air systems to within 5% of design air flow, by first arriving at the fan total air quantity, reading air velocities at cooling coils, return, exhaust air and outside air openings; and a duct traverse. The fan RPM shall then be adjusted for the specified air quantities. The quantity of air to each outlet shall not be less than that shown on the drawings and not greater than 5% of that amount. If so instructed by the Mechanical Engineer, further balancing of temperatures shall be made and indicated by a thermometer or by the temperature recorder.
- F. Perform Pitot Tube Traverse of all supply, return and exhaust systems.
1. Except as specifically indicated herein, Pitot Tube Traverse shall be taken in branch ducts to assure specified flow to all zones. Pitot tubes, associated instruments, traversing and testing techniques shall conform to the ASHRAE Handbook of Fundamentals.
 2. Pitot Tube traverse may be omitted: a. Where the duct serves only a single room or the space and it's design volume is less than 1700 CFM.
 3. Test holes shall be in a straight duct, as far as possible downstream from the elbows, bends, take-offs and other turbulence generating devices, to optimize reliability of flow measurements.
- G. Furnish typewritten data for all air handling systems tabulating (inclusive of existing):
- 1.Quantity of air in CFM at each air outlet or inlet.
 - 2.Dry and wet bulb temperatures at each thermostat to the nearest 1/10 of 1 degree.
 - 3.Outdoor dry and wet bulb temperatures, wind direction and velocity, and barometric pressure at the time tests are conducted.
 - 4.RPM of fan.
 - 5.RPM of motor.
 - 6.Ampere input of each motor (one reading on each leg if three (3) phase).
 - 7.Load Amperage and Brake Horsepower calculations on all motors ¼ horsepower or larger.
 - 8.Static pressure in inches water gauge at inlet of fan or blower.
 9. Duct Traverse data.
- H.Air Balance Agency shall prepare a complete set of full scale drawings showing actual duct runs and outlet/inlet locations. Drawings shall be keyed to and furnished with the Air Balance Report. The mechanical plans are not acceptable for this purpose.

3.02 CONCLUSION

- At the conclusion of tests, and after the acceptance by the engineer, system shall be turned over to Owner and a guarantee period of one (1) year will commence. This guarantee will cover all equipment installed under this contract and, during the guarantee period, all defects shall be remedied without cost to the Owner. A knowledgeable representative of the contractor shall, at the time of turnover, instruct the designated representative of the Owner in the proper operation and maintenance and shall supply him with three copies of all maintenance and operating instructions of the installed equipment neatly bound in three separate folders.

END OF SECTION

FOR CONSTRUCTION



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A "BUILDING PERMIT APPLICATION FOR
SUPER GOLDEN BUFFET 915 North Point Dr.,
Alpharetta, GA 30022
BUILDING OWNER: Mikathy Corp
1069 W MORSE BLVD
WINTER PARK FL 32789

OWNER AGENT : Designs BY LSH LLC, designs by lsh@gmail.com - 407 729-2022

2427

11-29-2024

MECHANICAL
SPECIFICATIONS

M1.01

HEAT PUMP CONDENSING UNIT SCHEDULE

TAG	CORRESPONDING FCU	AREA SERVED	LOCATION	SYSTEM TYPE	COOLING						HEATING		ELECTRICAL DATA			BASIS OF DESIGN			NOTES
					AMBIENT °F	NOM. TONS	TOTAL MBH	SENS. MBH	EER AHRI	IEER AHRI	CAPACITY MBH	COP 47° 17°	POWER V / PH / HZ	MCA	MOP	MAKE	MODEL	UNIT WEIGHT LBS	
HP-1	FCU-1	NEW DINING AREA	GROUND	SPLIT	95	10.0	119.0	71.8	11.0	12.0	106.0	3.3 2.4	208 / 3 / 60	22.5	30	CARRIER	38AUQA12A0A50A0A0	661	1,2,3

- NOTE:
- PROVIDE AND INSTALL ALL CONDENSING UNIT PAD ON GRADE.
 - ROUTE REFRIGERANT LIQUID (RL) AND REFRIGERANT SUCTION (RS) LINES BETWEEN INDOOR AND OUTDOOR UNITS WITH SIZES AND ACCESSORIES PER THE MANUFACTURER'S INSTRUCTIONS.
 - PROVIDE AND INSTALL ALL EQUIPMENT, PARTS, AND LABOR FOR FULL, WORKING SYSTEM.

AIR HANDLING UNIT SCHEDULE

TAG	CORRESPONDING FCU	LOCATION	SYSTEM TYPE	SUPPLY FAN				TEMPERATURE		COOLING COIL		HEATING COIL		ELECTRICAL DATA	AUXILIARY HEAT ELEC.			BASIS OF DESIGN			NOTES
				TOTAL CFM	OA CFM	ESP (IN. WG)	MOTOR HP	EBD °F	EWB °F	EAT °F	LAT °F	EAT °F	LAT °F	POWER V / PH / HZ	MCA	MOP	POWER kW	MAKE	MODEL	UNIT WEIGHT LBS	
FCU-1	HP-1	CEILING	SPLIT	4,000	800	0.17	2.4	80	67	95	55	27	90	208-230 / 3 / 60	7.0	15	1.79	CARRIER	40RUQA12T2A6-0A0A0	427	1,2,3,4,5

- NOTE:
- PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT FOR INDOOR UNIT, CARRIER NO. TP-PRH01-B, OR EQUAL, TO CONTROL FOR TEMPERATURE AND HUMIDITY.
 - ECM MOTOR FOR VARIABLE SPEED INDOOR FAN.
 - ROUTE FULL SIZE 3/4" CD CONDENSATE DRAIN WITH TRAP BY GRAVITY FLOW TO NEAREST TRAPPED PLUMBING FIXTURE AND TERMINATE THROUGH AIR GAP OR AIR GAP FITTING.
 - PROVIDE AND INSTALL ALL EQUIPMENT, PARTS, AND LABOR FOR FULL, WORKING SYSTEM.
 - SUSPEND UNIT HORIZONTALLY ABOVE CEILING UP WITHIN OPEN WEB BAR JOISTS USING ALL-THREAD RODS AND VIBRATION ISOLATORS.

GRILLE, REGISTER & DIFFUSER SCHEDULE

TAG	DESCRIPTION	TYPE	DIFFUSER SIZE	COLOR	MOUNTING
S-1	24 x 24 PLAQUE DIFFUSER WITH ROUND NECK	SUPPLY	24x24	WHITE ENAMEL	LAY-IN CEILING
R-1	SINGLE DEFLECTION, 35-DEGREE OFFSET, 3/4" BLADES	RETURN	24x24	WHITE ENAMEL	LAY-IN CEILING

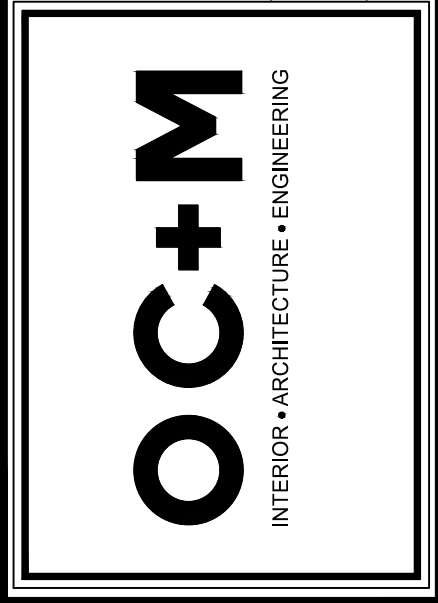
OUTDOOR AIRFLOW SCHEDULE

TAG	ROOM TAG	OCCUPANCY CLASSIFICATION	AREA	OCCUPANTS	CFM / PERSON	CFM / SF	TOTAL CFM
FCU-1	100 WAIT STATION	DINING ROOMS	80.2 SF	4	7.5	0.18	44.4
	101 DINING AREA	DINING ROOMS	973.4 SF	84	7.5	0.18	805.2
	102 OFFICE	OFFICE SPACES	70.8 SF	1	5	0.06	9.2

TOTAL REQUIRED OUTDOOR AIR = 858.8 CFM
TOTAL OUTDOOR AIR PROVIDED THRU ONE (1) AHU = 4,000 CFM
PER TABLE 403.3.1.1 OF THE 2018 IMC



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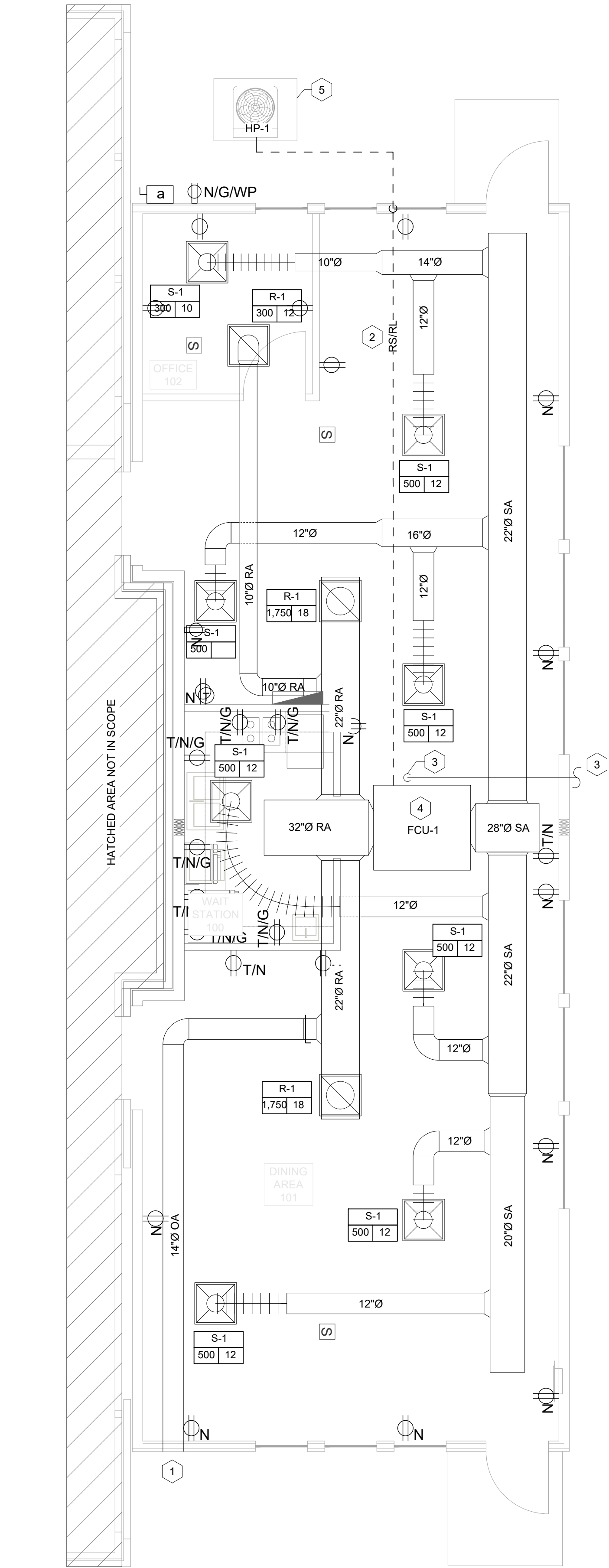


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MECHANICAL SCHEDULES
M1.02

FOR CONSTRUCTION

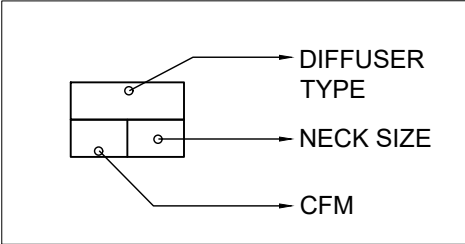


MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES

- REFER TO M1.00 FOR GENERAL NOTES, SYMBOLS, LEGEND, AND ABBREVIATIONS.
- CONTRACTOR TO FIELD VERIFY LOCATIONS OF EQUIPMENT, DUCTWORK, AND DIFFUSERS BEFORE INSTALLATION.

HVAC LEGEND



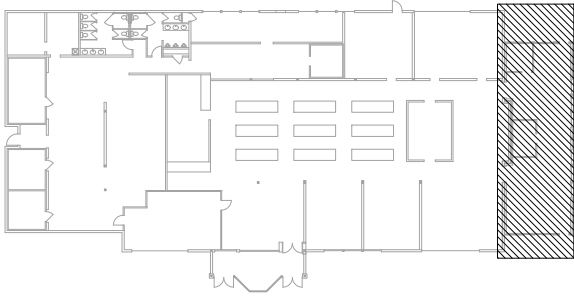
SEE M1.00 GRILLE, REGISTER & DIFFUSER SCHEDULE.

PLAN LEGEND

- 2x2 SUPPLY AIR GRILLE. REFER TO M1.00 MORE DETAIL.
- 2x2 RETURN AIR GRILLE. REFER TO M1.00 MORE DETAIL.
- PROGRAMMABLE THERMOSTAT

KEY NOTES

- ROUTE OUTDOOR AIR TO WALL CAP. OUTDOOR AIR INTAKE SHALL BE AT A MINIMUM 3' AWAY FROM ALL OPERABLE OPENINGS AND 10' AWAY FROM EXHAUST OUTLETS.
- REFRIGERANT PIPING TO OUTDOOR UNIT ON GRADE.
- PROVIDE 3/4" P-TRAP AND ROUTE CONDENSATE TO OUTDOORS IN LOCATION THAT WILL NOT CAUSE A NUISANCE. CONTRACTOR SHALL VERIFY ON SITE, AND IT SHALL BE SECURELY FASTENED AND DIRECTED TO A SAGE DRAINAGE POINT AT GROUND LEVEL.
- SUSPEND UNIT HORIZONTALLY ABOVE CEILING UP WITHIN OPEN WEB BAR JOISTS USING ALL-THREAD RODS AND VIBRATION ISOLATORS.
- SEE M4.00 FOR DX CONDENSING UNIT MOUNTING DETAIL.



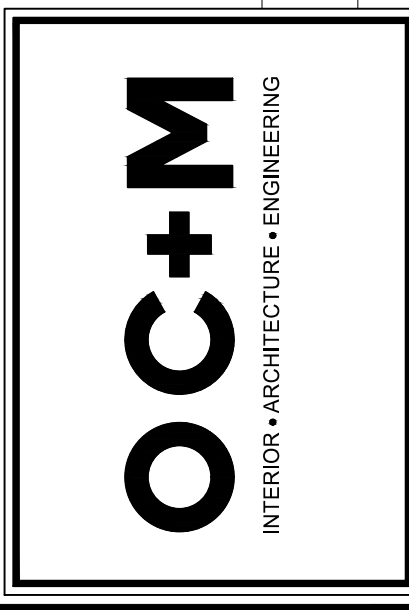
KEY PLAN



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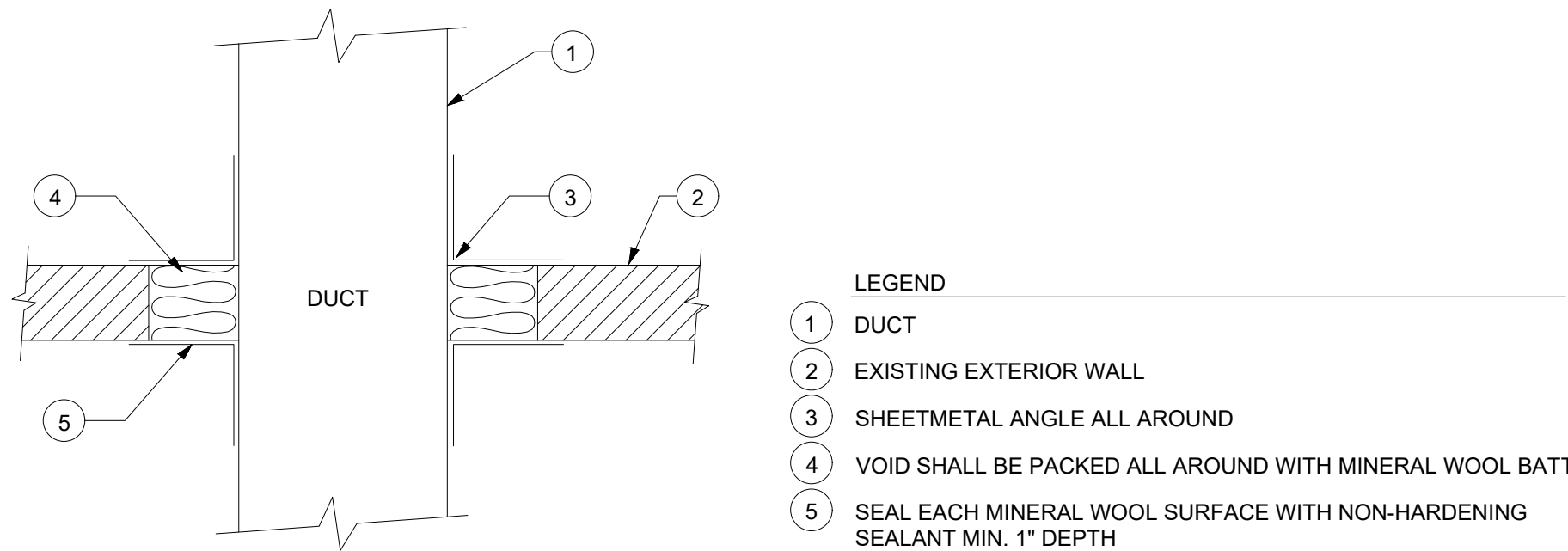
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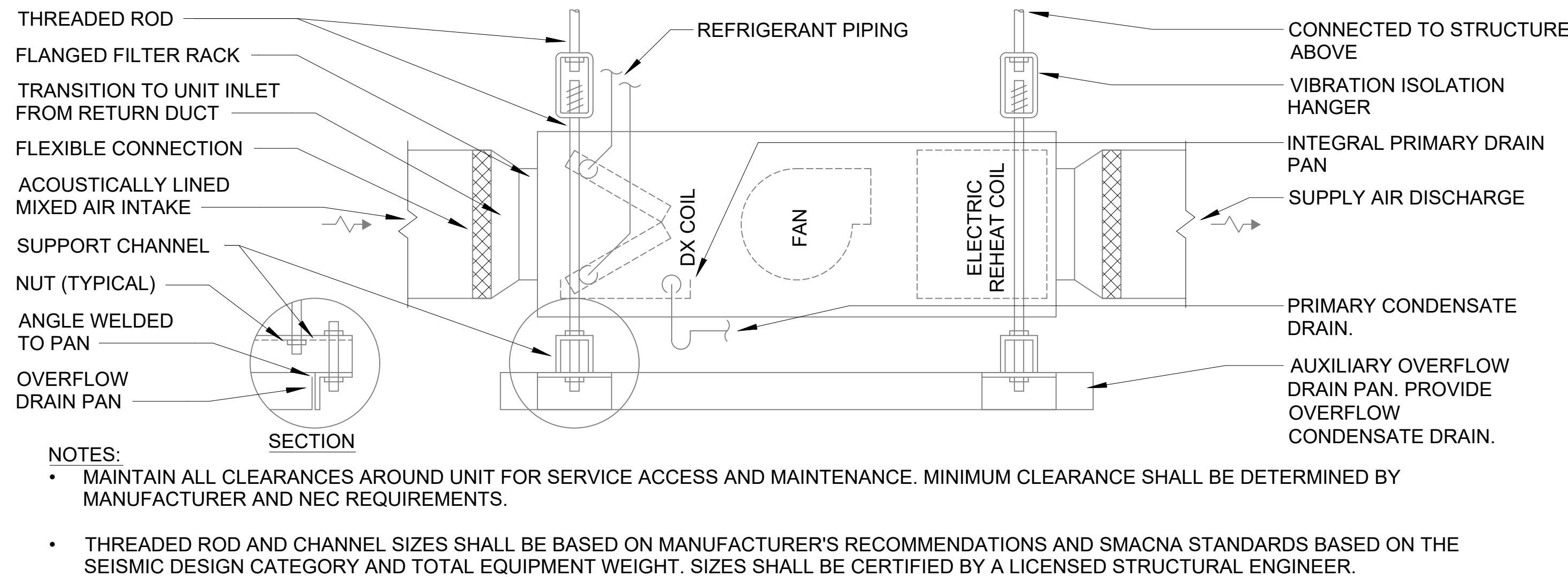
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MECHANICAL PLAN

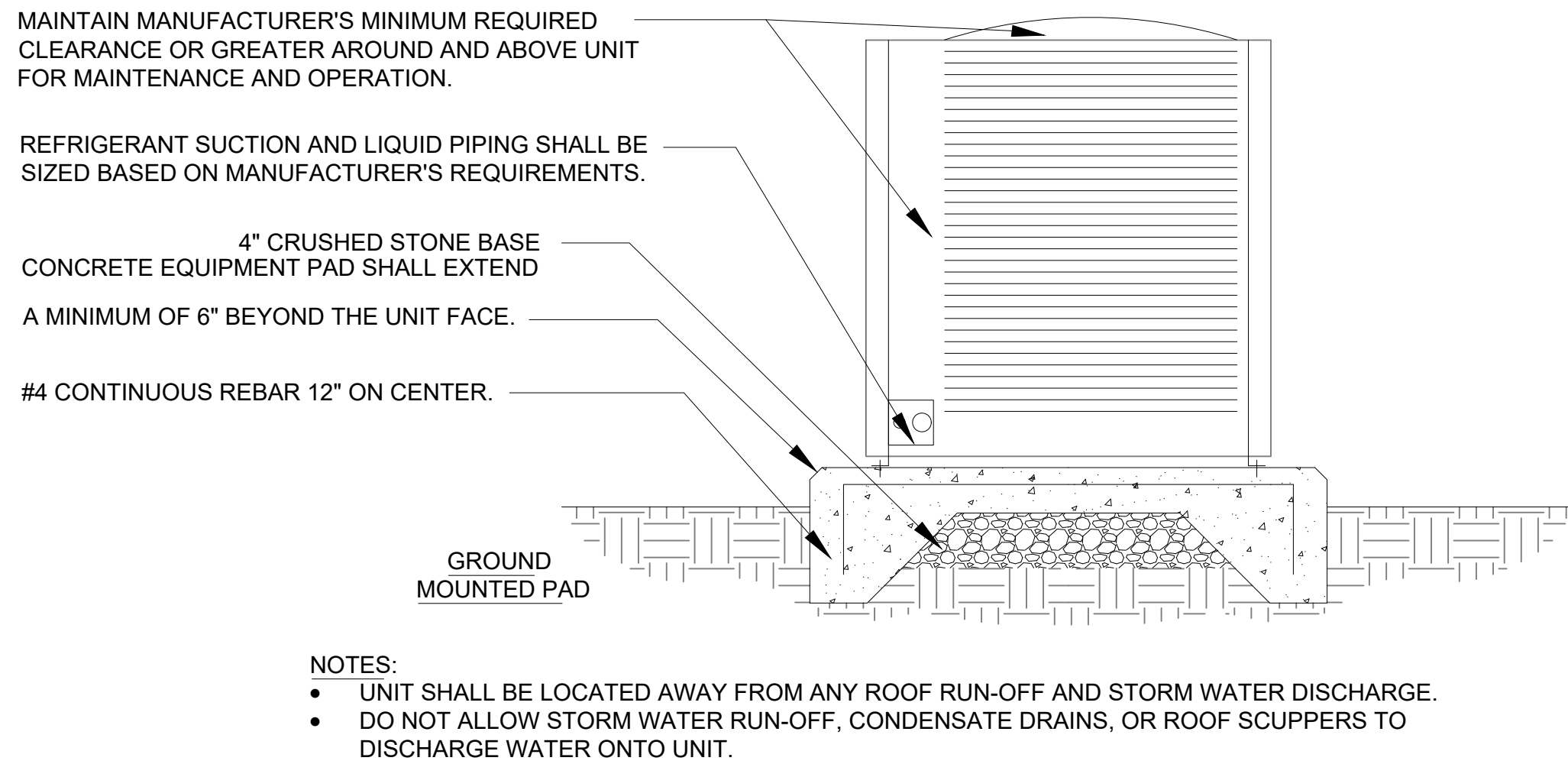
M2.00



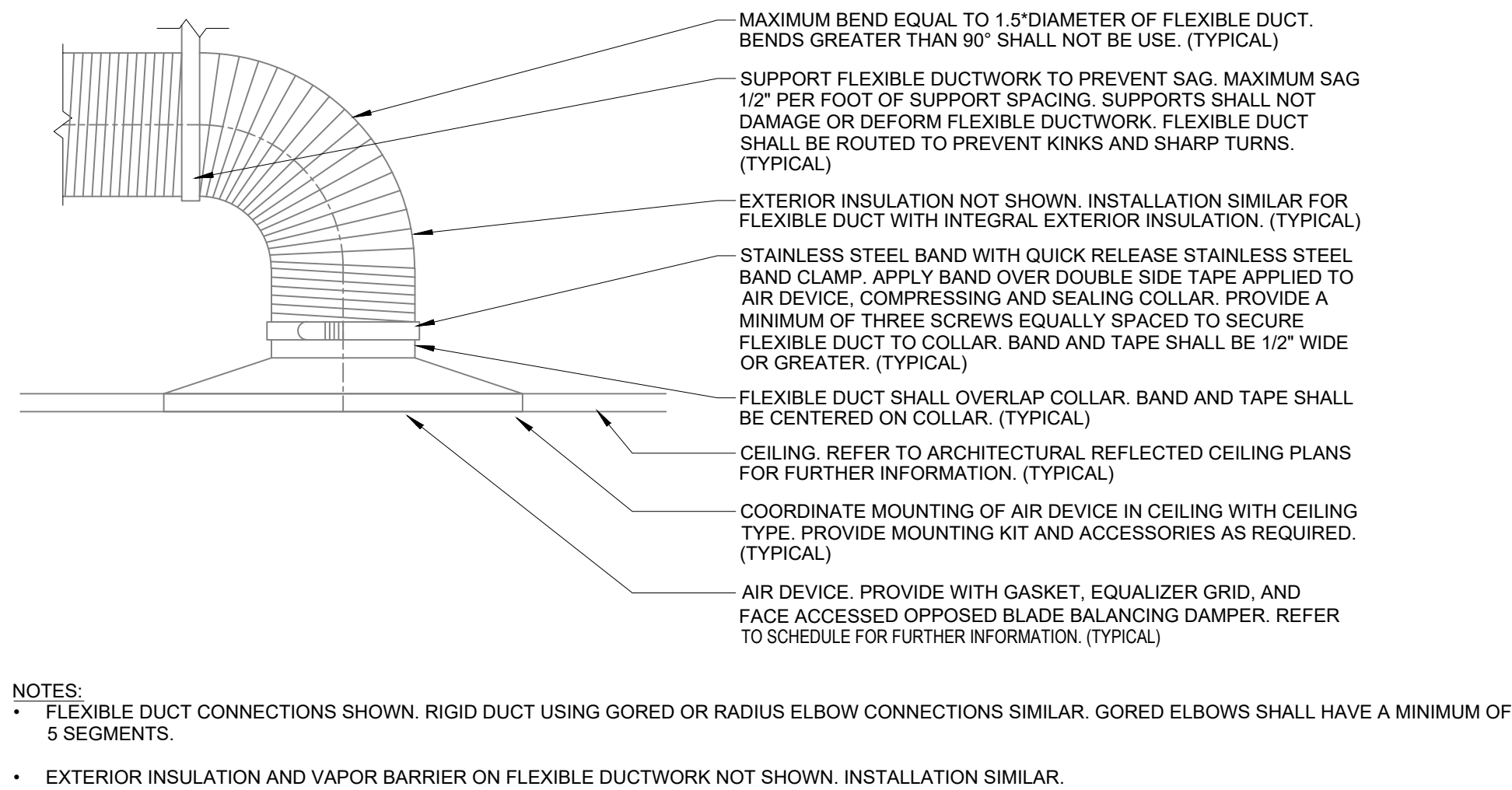
1 DUCT THRU STRUCTURE DETAIL
SCALE: N.T.S.



3 HORIZONTAL DX EVAPORATOR WITH ELECTRIC HEAT DETAIL
SCALE: N.T.S.



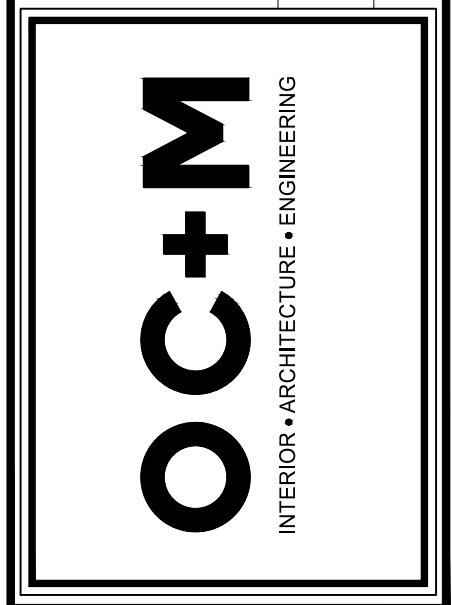
2 SPLIT UNIT MOUNTING DETAIL
SCALE: N.T.S.



4 AIR DEVICE CONNECTION DETAIL
SCALE: N.T.S.



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MECHANICAL
DETAILS
M3.00

HP & FCU UNIT SCHEDULE

TAG	ELECTRICAL					MANUFACTURER	MODEL
	VOLTAGE (V)	PHASE	FREQUENCY (Hz)	MCA (A)	MOCP (A)		
HP-1	208	3	60	22.5	30	Carrier	38AUQA12A0A50A0A0
FCU-1	208/230	3	60	7.0	15	Carrier	40RUQA12T2A6-0A0A0



COMcheck Software Version COMcheckWeb

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: SUPER GOLDEN BUFFET DINING ROOM ADDTION AT ALPHARETTA GA
Project Type: Addition

Construction Site: 915 NORTH POINT DR, ALPHARETTA, Georgia 30022
Owner/Agent: MILKATHY CORP, 1069 W MORSE BLVD WINTER PARK, Florida 32789
Designer/Contractor: OC+M, 1325 SATELLITE BLVD NW, STE.1401, SUWANEE, Georgia 30024, 770-696-6232, OCplusM@OCplusM.com

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-101 - DINING AREA (Common Space Types:Dining Area - General)	879	0.65	571
2-102 - OFFICE (Common Space Types:Office - Enclosed)	57	1.11	63
3-100 - WAIT STATION (Common Space Types:Dining Area - General)	77	0.65	50
Total Allowed Watts =			685

Proposed Interior Lighting Power

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-101 - DINING AREA (Common Space Types:Dining Area - General) LED: LED: CEILING PANEL LIGHT: LED Other Fixture Unit 40W:	4	11	40	440
2-102 - OFFICE (Common Space Types:Office - Enclosed) LED: LED: CEILING PANEL LIGHT: LED Other Fixture Unit 40W:	4	1	40	40
3-100 - WAIT STATION (Common Space Types:Dining Area - General) LED: LED: CEILING PANEL LIGHT: LED Other Fixture Unit 40W:	4	2	40	80
Total Proposed Watts =				560

Interior Lighting PASSES: Design 18% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Byungkeun Min, PE
Name - Title
Signature
Date 11.29.2024

ELECTRICAL ABBREVIATIONS

ABBREVIATION	DESCRIPTION
A OR AMP	AMPERES
AC	ABOVE COUNTER
ACP	ACCESS CONTROL PANEL
AFC	AVAILABLE FAULT CURRENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINIUM
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BKR	BREAKER
BMS	BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CATV	COMMUNITY ANTENNA TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CIR	CIRCUIT
CL	CENTERLINE
CP	CIRCULATING PUMP
CT	CURRENT TRANSFORMER OR COOLING TOWER
CU	COPPER OR CONDENSING UNIT
DISC	DISCONNECT SWITCH
DIV	DIVISION
DSR	DEDICATED SPLIT REMOTE UNIT
DSS	DEDICATED SPLIT SYSTEM
EF	EXHAUST FAN
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
ENT	ELECTRICAL NONMETALLIC TUBING
ERMS	ENERGY REDUCTION MAINTENANCE SETTING
ERRCS	EMERGENCY RESPONDER RADIO COMMUNICATION SYSTEM
ESP	ELEVATOR SUMP PUMP
EUH	ELECTRIC UNIT HEATER
EWC	ELECTRIC WATER COOLER
EWB	ELECTRIC WATER HEATER OR WALL HEATER
EX	EXISTING
F	FAN OR FUSE
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FAEP	FIRE ALARM EXTENDER PANEL
FAP	FIRE ALARM PANEL
FCU	FAN COIL UNIT
FLA	FULL LOAD AMPERES
FSD	FIRE SMOKE DAMPER
FWE	FURNISHED WITH EQUIPMENT
G OR GND	GROUND
GAP	GENERATOR ANNUNCIATOR PANEL
GDS	GENERATOR DOCKING STATION
GB	GROUNDING ELECTRODE BUSBAR
GEC	GROUNDING ELECTRODE CONDUCTOR
GEN	GENERATOR
GFI	GROUND FAULT INTERRUPTER
GFPE	GROUND FAULT PROTECTION OF EQUIPMENT
GRS OR GRC	GALVANIZED RIGID STEEL CONDUIT
GWH	GAS WATER HEATER
H OR HT	HEIGHT
HP	HORSEPOWER OR HEAT PUMP
IDF	INTERMEDIATE DISTRIBUTION FRAME
IG	ISOLATED GROUND
J OR JB	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KVA	KILOVOLT-AMPERES
KW	KILOWATTS
LSI	LONG TIME, SHORT TIME, INSTANTANEOUS

ABBREVIATION	DESCRIPTION
LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS, GROUND FAULT
LTS	LIGHTING FIXTURE
MAU	MAKEUP AIR UNIT
MCA	MINIMUM CIRCUIT AMPACITY
MCB OR MB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDF	MAIN DISTRIBUTION FRAME
MFR	MANUFACTURER
MGB	MAIN GROUNDING ELECTRODE BUSBAR
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MRS	MOTOR RATED SWITCH
MT OR MTD	MOUNT OR MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN OR NUMBER (#)
NTS	NOT TO SCALE
OC	ON CENTER
ODF	OWNER DEMAND FACTOR
OS	OCCUPANCY SENSOR
P	POLE
PH	PHASE
PNL	PANEL
RGS	RIGID GALVANIZED STEEL
RMC	RIGID METAL CONDUIT
RMS	ROOT MEAN SQUARE
RTU	ROOF TOP UNIT
SD	SMOKE DETECTOR
SPD	SURGE PROTECTIVE DEVICE
SPEC	SPECIFICATIONS
SWBD	SWITCHBOARD
TEL	TELEPHONE
TGB	TELECOM GROUNDING BUSBAR
TMGB	TELECOM MAIN GROUNDING BUSBAR
TTB	TELECOMMUNICATIONS TERMINAL BOARD
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITER'S LABORATORIES
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTIL	UTILITY
V	VOLTS
VA	VOLT-AMPERE
VAV	VARIABLE AIR VOLUME UNIT
VFD	VARIABLE FREQUENCY DRIVE
VRF	VARIABLE REFRIGERANT FLOW UNIT
VS	VACANCY SENSOR
VVT	VARIABLE VOLUME AND TEMPERATURE SYSTEM
W	WATTS OR WIDTH OR WIRE
WP	WEATHERPROOF
WSHP	WATER SOURCE HEAT PUMP
XFMR	TRANSFORMER

GENERAL ELECTRICAL NOTES

- DRAWINGS SHOWING ELECTRICAL WORK ARE DIAGRAMMATIC. REFER TO ARCHITECTURAL DRAWINGS FOR GUIDANCE AS TO DIMENSIONS, CEILING HEIGHTS, DOOR SWINGS AND FINISHES.
- INSTALL THE ELECTRICAL SYSTEMS SO AS NOT TO INTERFERE WITH OTHER SYSTEMS.
- PROVIDE ADDITIONAL STEEL SUPPORTS FOR FIXTURES, RACEWAYS, CABINETS, BOXES, AND THE LIKE WHERE THE BUILDING, EQUIPMENT OR STRUCTURE IS NOT SUITABLE FOR MOUNTING SAME DIRECTLY THEREON.
- "PROVIDE" USED IN THE SPECIFICATIONS AND DRAWINGS SHALL MEAN "TO FURNISH, INSTALL, CONNECT, AND PLACE IN SERVICE COMPLETELY IN THE SPECIFIED OR APPROVED MANNER THE ITEM DESCRIBED."
- ELECTRICAL WORK EMBEDDED IN CONCRETE OR OTHERWISE PERMANENTLY CONCEALED SHALL NOT BE COVERED UNTIL INSPECTED BY THE OWNER'S REPRESENTATIVE.
- ALL PENETRATIONS THROUGH FIRE RESISTANT WALLS AND OTHER SUCH RATED ASSEMBLIES SHALL BE FIRESTOPPED TO MAINTAIN ITS RATING.
- PROVIDE EXPANSION JOINT FITTINGS ON ALL CONDUITS THAT CROSS EXPANSION JOINTS OR CONDUITS THAT PENETRATE WALLS WITH SEISMIC BRACING. SEE ARCHITECTURAL DRAWINGS.
- COORDINATE WITH ARCHITECT AND OWNER'S CRITERIA OUTLET DEVICE COVER PLATE MATERIAL AND FINISH AND DEVICE COLOR FOR THE APPLIED VOLTAGE AND SYSTEM.
- BRANCH CIRCUIT CONDUCTORS SHALL BE ADJUSTED TO COMPENSATE FOR VOLTAGE DROP PER VOLTAGE DROP TABLE.
- REFER TO "TYPICAL MOUNTING AND ALIGNMENT CRITERIA" DETAIL FOR OUTLET DEVICE MOUNTING HEIGHT AND LOCATIONS.
- VERIFY EXACT LOCATION OF ALL CONNECTION POINTS FOR MECHANICAL AND PLUMBING EQUIPMENT AND EXACT LOCATION OF THERMOSTATS WITH THEIR RESPECTIVE CONTRACTORS PRIOR TO INSTALLING CONDUIT.
- PROVIDE ALL DIRECT CONNECTIONS AND CORDS/CAPS AS REQUIRED. ALL RECEPTACLES WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
- ALL ELECTRICAL CIRCUITS INTALLED VELOW COOKING HOODS SHALL BE AUTOMATICALLY DE-ENERGIZED UPON ACTIVATION OF THE HOOD FIRE SUPPRESSION SYSTEM.
- ALL CONDUIT, BOXES, WIRING METHODS, LIGHTING FIXTURES, ETC. LOCATED WITHIN PLENUM CEILINGS SHALL CONFORM TO PLENUM WIRING METHODS AS REQUIRED BY LOCAL CODES.

GENERAL CONDITION NOTES

- IT IS THE RESPONSIBILITY OF THE GENERAL AND ELECTRICAL CONTRACTORS TO FULLY INSPECT THE SITE PRIOR TO COMMENCEMENT.
- VERIFY ALL EXISTING CONDITIONS INCLUDING LOCATION OF ALL STRUCTURAL ELEMENTS, BAR JOISTS, COLUMNS, ETC. AND COORDINATE DUCT LOCATIONS ACCORDINGLY.
- WHERE CONNECTED TO A 20A. BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
- ALL MOUNTING HEIGHTS FOR LIGHTING FIXTURES ARE TO THE BOTTOM OF THE FIXTURES UNLESS INDICATED OTHERWISE.
- WIRE COUNTS FOR CIRCUIT CONDUCTORS ARE NOT SHOWN. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUIT AND SWITCHING CONNECTIONS SHOWN.
- MODIFICATIONS TO NUMBER OF CONDUCTORS IN HOME RUNS IN ADDITION TO CIRCUITS INDICATED ON THIS DRAWING ARE PROHIBITED.
- REFER TO VOLTAGE DROP TABLE ON SHEET E1.00 FOR MINIMUM CONDUCTOR SIZE ADJUSTMENTS FOR VOLTAGE DROP.
- CIRCUIT WIRING IS NOT SHOWN EXCEPT FOR SWITCHING INTENT OF FIXTURES AND CONTROL OF DEVICES.
- PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUITING AND SWITCHING SHOWN.
- CIRCUIT NUMBERS AT DEVICES CORRESPOND TO PANELBOARD BREAKERS (SEE PANELBOARD SCHEDULE). BRANCH CIRCUITS SHALL BE SIZED ACCORDING TO THE CIRCUIT BREAKER RATING, UNLESS INDICATED OTHERWISE ON THE ELECTRICAL EQUIPMENT SCHEDULE.
- COORDINATE FINAL MOUNTING HEIGHT AND LOCATION OF RECEPTACLE WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.

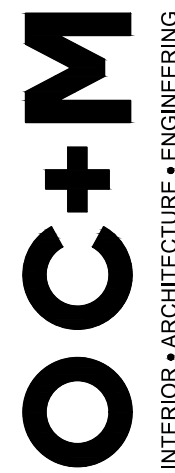
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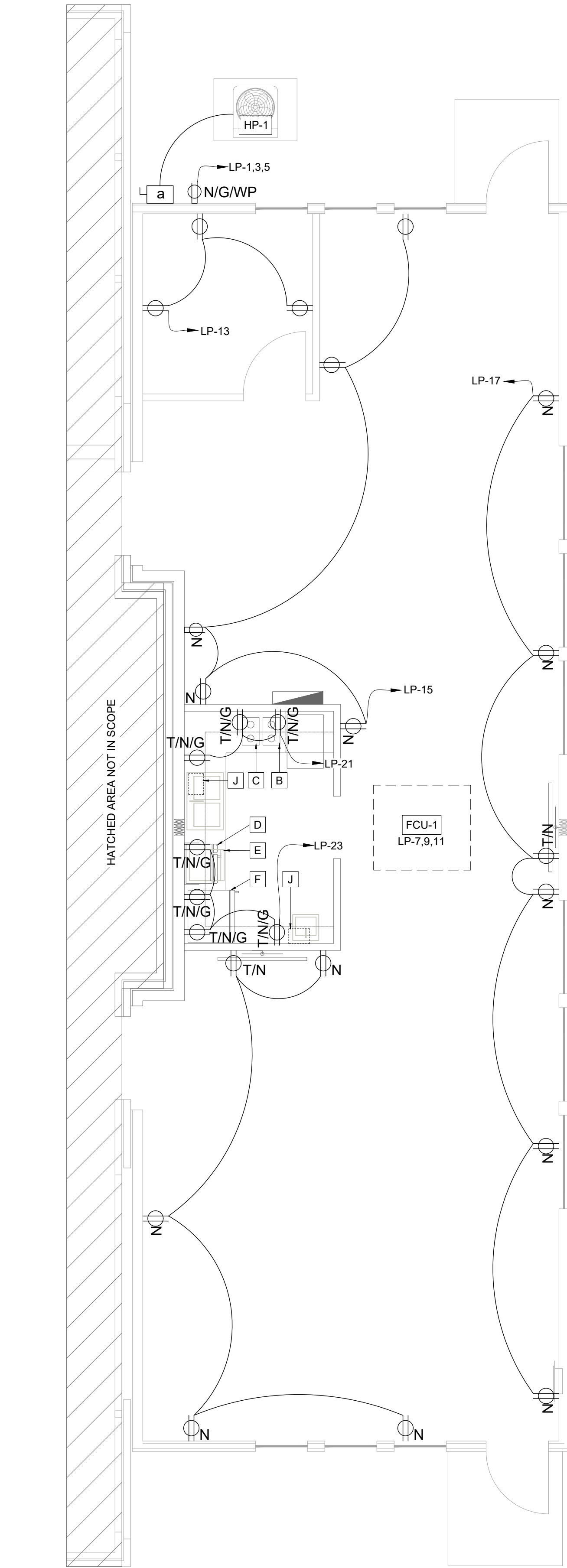


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ELECTRICAL NOTE
& SCHEDULE

E1.00



1
E2.00
POWER DISTRIBUTION PLAN
SCALE: 1/4" = 1'-0"

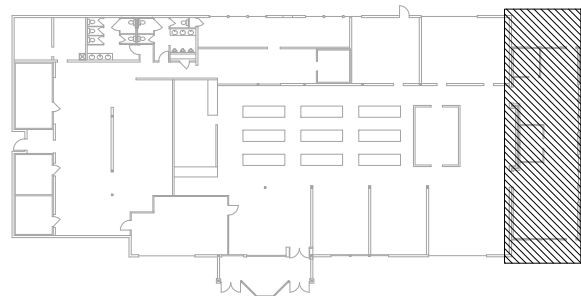


PLAN LEGEND

- DUPLEX RECEPTACLE (WALL BOX), 2P-3W-20A-125V
TAG:
T = 6" ABOVE COUNTER TOP / 60" A.F.F W/O COUNTERTOP
N = NEW & 18" AFF UNLESS NOTED OTHERWISE
G = GROUND FAULT
WP = WATERPROOF
- NEW 225 AMP PANEL BOARD. SEE PANEL BOARD SCHEDULE FOR MORE INFO.
- DISCONNECT SWITCH, 30A FUSIBLE, 3PH, 250V, 30A, NEMA 3R ENCLOSED.

ELECTRICAL EQUIPMENT SCHEDULE

TAG	EQUIPMENT	VOLTAGE / PH
B	COFFEE BREWER / BUNN / #33200.0015	115 / 1
C	TEA BREWER / BUNN / TB3Q	115 / 1
D	MICROWAVE / SOLWAVE / 180MW1000SS	120 / 1
E	ICE MACHINE / AVANTCO / #194MC500030HA	115 / 1
F	REACH-IN COOLER / AVANTCO / #178A49FHC	115 / 1
J	ELEC. TANKLESS WATER HEATER / EEMAX / #SPEX3512	120 / 1



KEY PLAN



FOR CONSTRUCTION

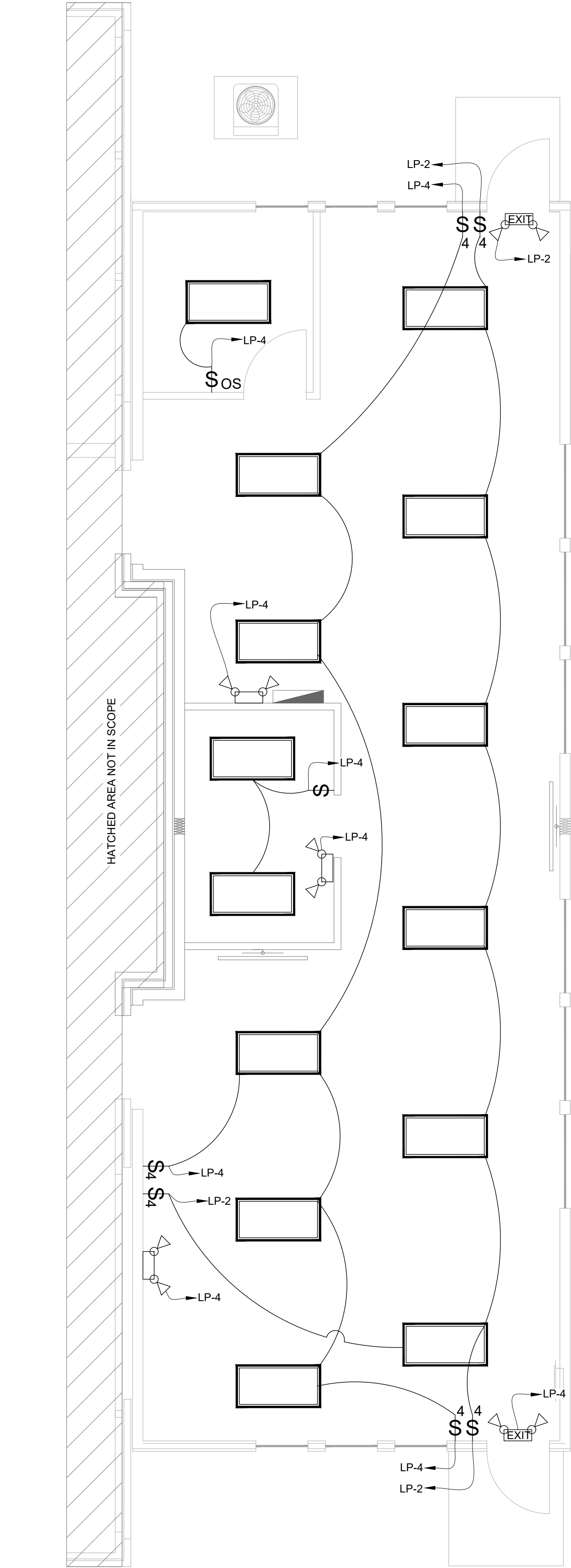
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BUILDING OWNER: Mikathy Corp
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WINTER PARK FL 32789
OWNER AGENT : Designs BY LSH LLC. designs by lsh@gmail.com - (407) 729-2022

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2427
11-29-2024

POWER
DISTRIBUTION PLAN
E2.00



NOTE:

1. ALL LIGHTING CONTROLS COMPLY WITH THE REQUIREMENTS OF THE GEORGIA 2015 IECC SECTION C405.
2. INSTALL OCCUPANCY SENSORS IN THE MANDATORY SPACES SHOWN ON 1/EZ.10 TO AUTOMATICALLY TURN OFF LIGHTING WHEN SPACES ARE UNOCCUPIED.
 - 2.1. OFFICE
3. LIGHTING CONTROLS ARE NOT REQUIRED FOR THE FOLLOWING:
 - 3.1. INTERIOR EXIT PASSAGEWAYS.

PLAN LEGEND

-
- 2x4 LIGHTING FIXTURE. SEE LIGHT FIXTURE FOR MORE INFO.
-
- EXIT SIGN & EMERGENCY LIGHT
-
- NEW WALL MOUNTED EMERGENCY LIGHT W/ BATTERY BACKUP
-
- NEW 4-WAY TOGGLE SWITCH, 1 PH, 120V, 60Hz
- LIGHTING FIXTURE SCHEDULE
- | SYMBOL | MODEL / DESCRIPTION | WATT | VOLT |
|--------|--|------|-------|
| | NEW, LED CEILING PANEL LIGHT
1x4, 4,000K, 40W, DIMMABLE
PLT PREMIUM SPEC / PLT-90279 | 40 | 120 V |
-
- KEY PLAN
-
- 1
E2.10
ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"
-
- FOR CONSTRUCTION
- A "BUILDING PERMIT APPLICATION FOR
SUPER GOLDEN BUFFET 915 North Point Dr,
Alpharetta, GA 30022
BUILDING OWNER: Mikathy Corp
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- | |
|------------|
| 2427 |
| 11-29-2024 |
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| |
- ELECTRICAL
LIGHTING PLAN
E2.10
- OC+M
INTERIOR • ARCHITECTURE • ENGINEERING

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11.29.2024
- GEORGIA
SEASTATE
PE#46093
PROFESSIONAL
ENGINEER
BY WINGKEUN MIN
- Page 39 of 68

TYPE: EQ.
MAIN: 225 AMPS ML
MOUNTING: SURFACE

NEW PANEL 'LP' SCHEDULE

VOLTAGE: 208Y / 120 VOLTS
PHASE: 3/4 WIRE

CRKT NO.	TO SERVE	CRKT BRKR TRIP POLES	A		B		C		CRKT BRKR TRIP POLES	TO SERVE	CRKT NO.
1	HP-1	30/3	1.56	0.34					20/1	DINING ROOM LTG & EMG LTG	2
3					1.56	0.32			20/1	OFFICE, DINING ROOM LTG & EMG LTG	4
5							1.56		-	SPACE	6
7	FCU-1	15/3	0.49						-	SPACE	8
9					0.49	3.50			40/1	TANKLESS WATER HEATER	10
11							0.49	3.50	40/1	TANKLESS WATER HEATER	12
13	OFFICE RECEPTACLES	20/1	0.54	-					-	SPACE	14
15	DINING ROOM RECEPTACLES	20/1			0.72	-			-	SPACE	16
17	DINING ROOM RECEPTACLES	20/1					1.08	-	-	SPACE	18
19	DINING ROOM RECEPTACLES	20/1	0.90	-					-	SPACE	20
21	WAIT STATION RECEPTACLES GFCI	20/1			0.54	-			-	SPACE	22
23	WAIT STATION RECEPTACLES GFCI	20/1					0.72	-	-	SPACE	24
25	SPACE	-	-	-					-	SPACE	26
27	SPACE	-			-	-			-	SPACE	28
29	SPACE	-					-	-	-	SPACE	30
31	SPACE	-	-	-					-	SPACE	32
33	SPACE	-			-	-			-	SPACE	34
35	SPACE	-					-	-	-	SPACE	36
37	SPACE	-	-	-					-	SPACE	38
39	SPACE	-			-	-			-	SPACE	40
41	SPACE	-					-	-	-	SPACE	42
SUB TOTAL KVA:			3.83		7.13		7.35				
SUB TOTAL AMPS:			10.6		19.8		20.4				
TOTAL CONNECTED LOAD:			18.3 KVA								
TOTAL CONNECTED AMPS:			50.8 AMPS								

NOTE:

THE ARC FLASHING WARNING MARKING SHALL MEET THE REQUIREMENTS IN NFPA70, 110.21(B) AND SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.

NOTE:

- ALL CONDUIT AND WIRE DESIGNATION SHOWN MAY NOT APPEAR ON DRAWING AND ARE USED AS APPLICABLE TO THIS PROJECT.
- ALL THE CONDUCTOR 100AMP OR LARGER ALUMINUM AND BELOW 100 AMP ARE COPPER.
- CONDUIT SIZE BASED ON THHN/THWN 40% FILL CALCULATION. WIRE SIZE BASED ON NEC 110-14C WITH 60°C AMPACITY TABLES FOR 20 AMPS THRU 100 AMPS, AND 75°C AMPACITY TABLES FOR VALUES > 100 AMPS.

GENERAL NOTES

- CONTRACTOR SHALL SURVEY POWER CAPACITY, AND ALL EXISTING ELECTRICAL EQUIPMENT AND VERIFY THAT THEY ARE IN GOOD WORKING CONDITION, MEETS ALL CODES, AND MATCHED THE CAPACITIES AND CHARACTERISTICS OF THE EQUIPMENT INDICATED ON THESE DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS.

VOLTAGE DROP TABLE

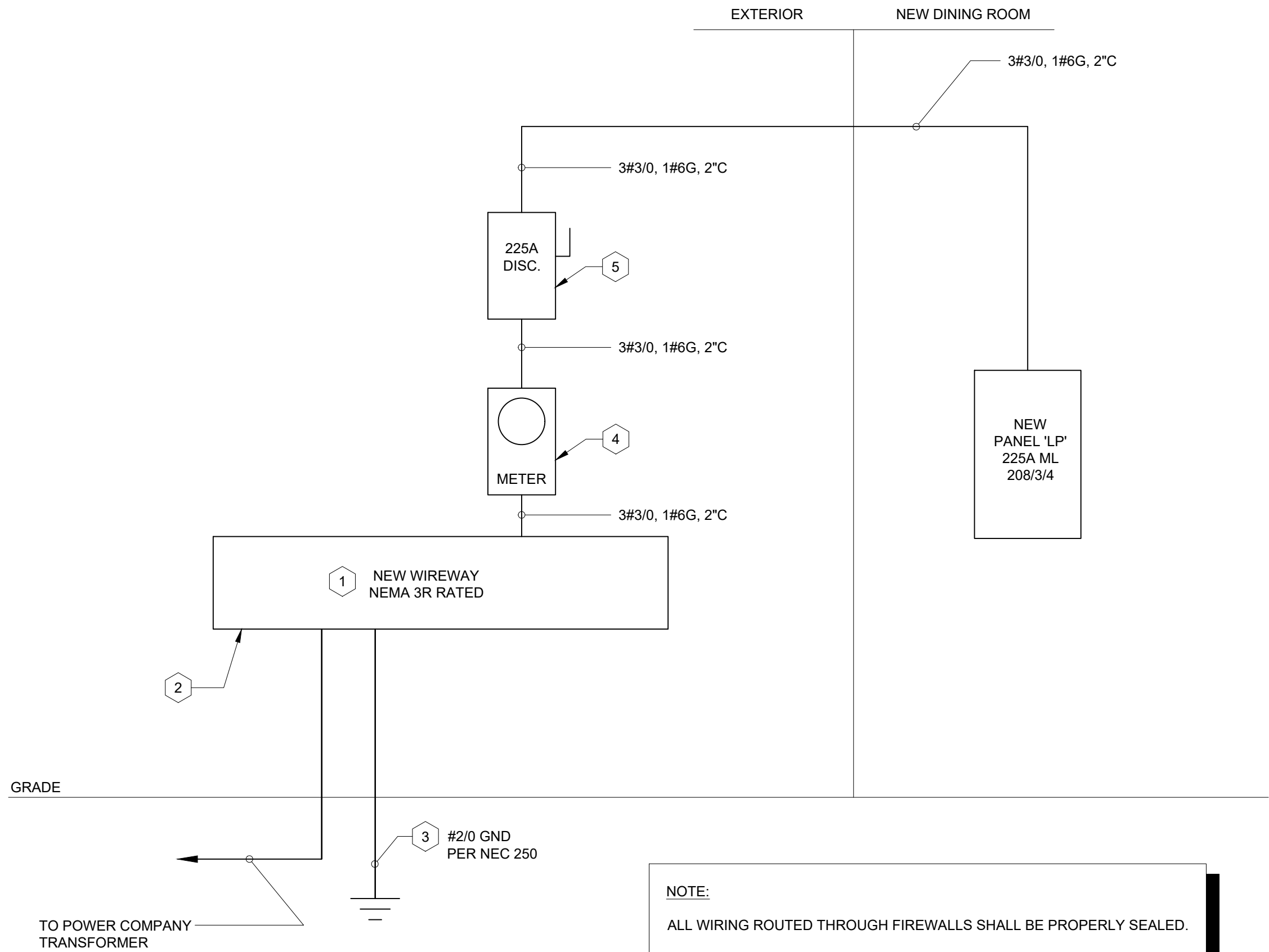
CIRCUIT RATING	CIRCUIT VOLTAGE	FEET TO MOST DISTANT LOAD OR OUTLET	MINIMUM CONDUCTOR SIZE, AWG
20A	120	0 - 100	#12
20A	120	101 - 160	#10
20A	120	161 - 250	#8
20A	277	0 - 230	#12
20A	277	231 - 360	#10
20A	277	361 - 560	#8
30A	277	0 - 235	#10
30A	277	236 - 365	#8

NOTE:

- BRANCH CIRCUIT WIRE SIZES IN PANELBOARD SCHEDULES ARE SIZED TO ACCOUNT FOR VOLTAGE DROP BASED ON IDEAL CIRCUIT LENGTHS FROM DEVICE TO POWER SOURCE. IF FIELD CONDITIONS REQUIRE INCREASED CIRCUIT LENGTHS, THEN ADJUST WIRE AND CONDUIT SIZE PER THE ABOVE VOLTAGE DROP TABLE TO ENSURE THE NEC GUIDELINES ARE MET.
- GROUNDING ELECTRODE CONDUCTOR SHALL BE UPSIZED PER NEC ART. 250.122(B).

KEY NOTES

- WIREWAY-18" HIGH, 15" DEEP, LENGTH AS REQUIRED.
- 2-350KCM PER PHASE & #1F IN WIREWAY.
- COPPER SERVICE ENTRANCE GROUND. REFER TO SECTION 250 OF THE NATIONAL ELECTRICAL CODE.
- METER - 225A, (TYPE "K") METER BASE BY ELECTRICAL CONTRACTOR, METER BY POWER COMPANY.
- 225A DISCONNECT - 225/3P/3R/225AF - SE RATED WITH CURRENT LIMITING FUSES.

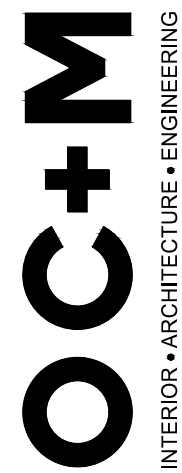


NOTE:

ALL WIRING ROUTED THROUGH FIREWALLS SHALL BE PROPERLY SEALED.



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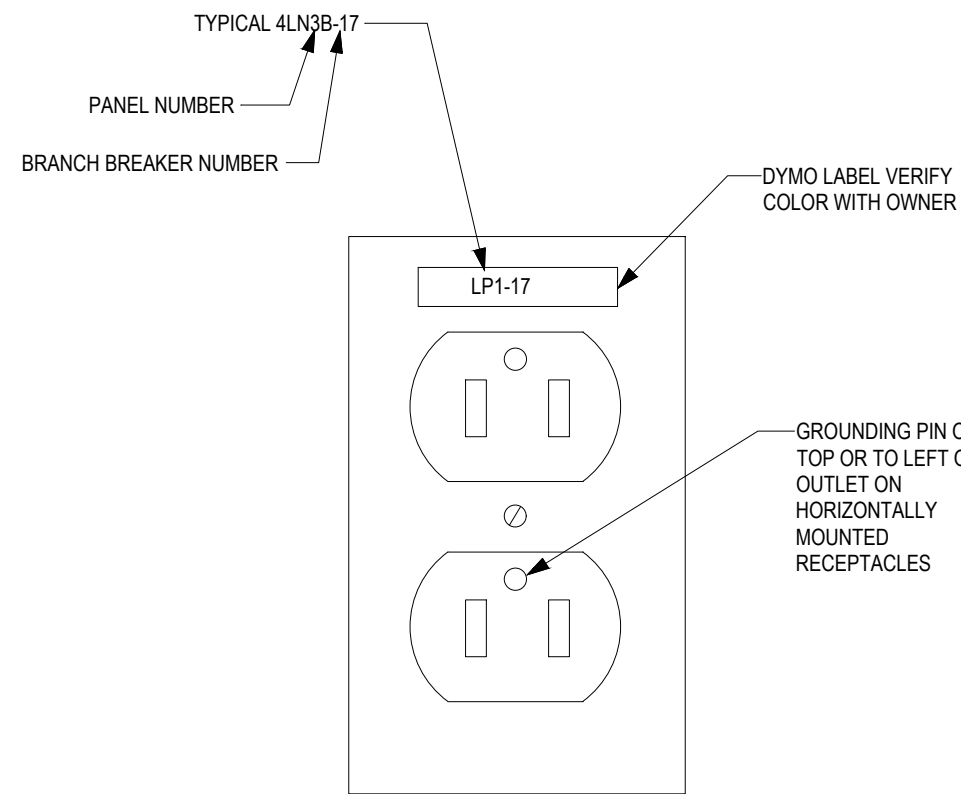
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SINGLE LINE DIAGRAM &
PANELBOARD SCHEDULE

E3.00

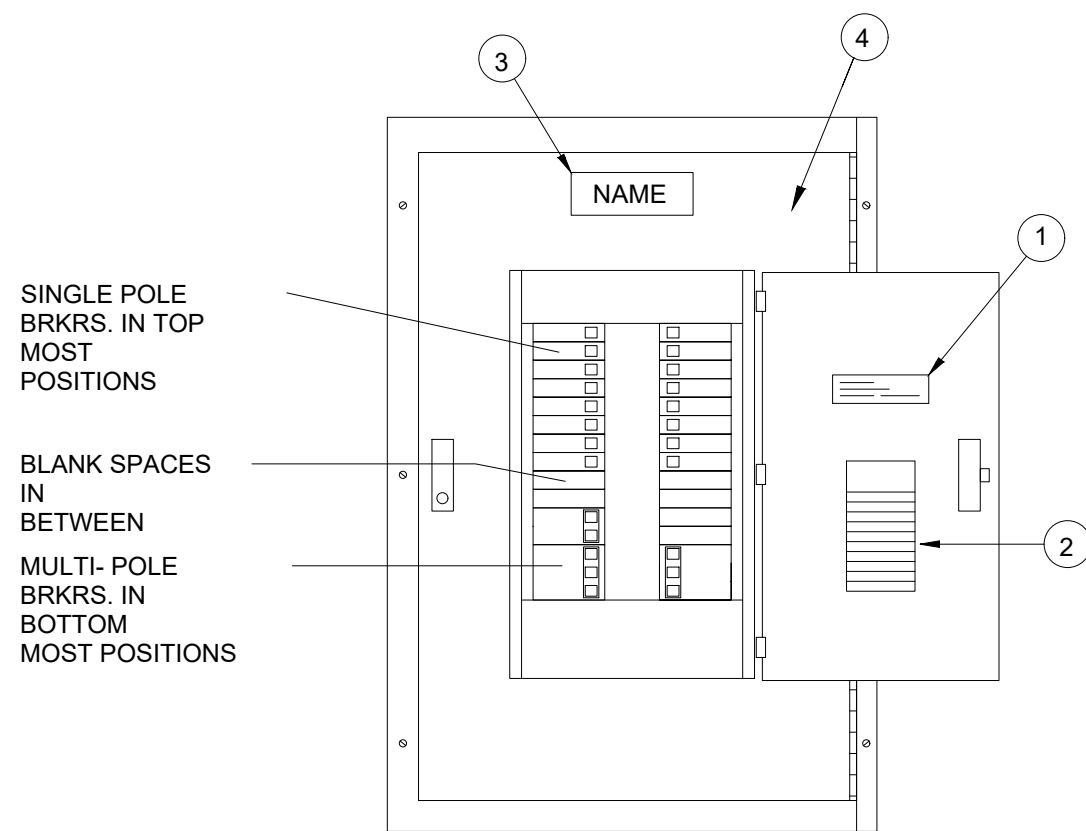
FOR CONSTRUCTION

1 NEW SINGLE LINE DIAGRAM & PANEL BOARD
E3.00 SCALE: N.T.S.

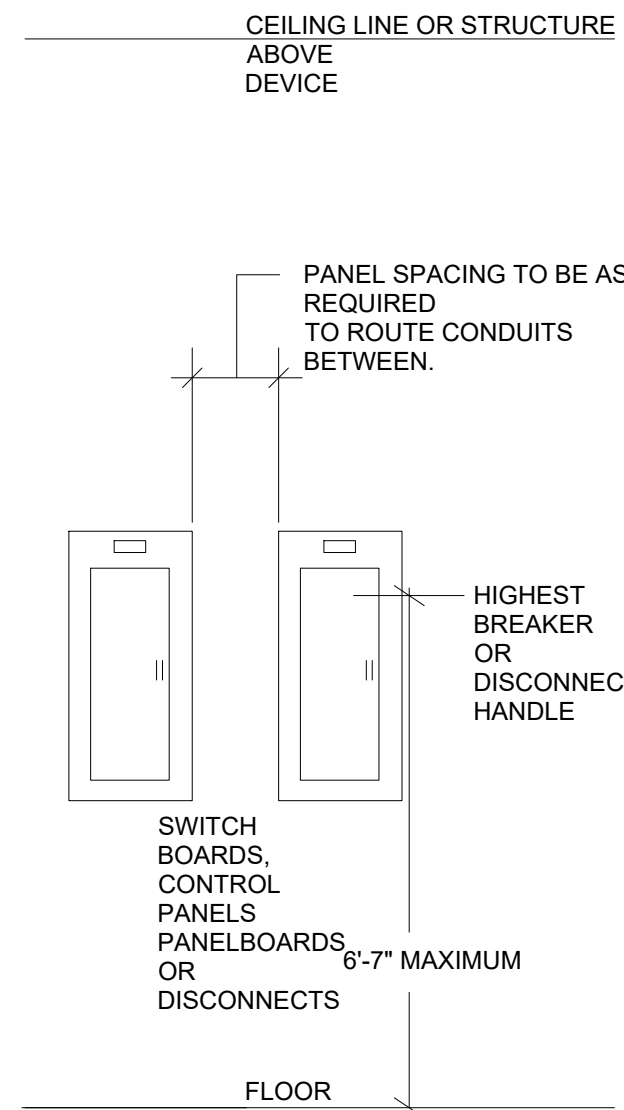


- GENERAL NOTES:**
- PROVIDE GREEN GROUND WIRE IN ALL RECEPTACLE CIRCUITS. CONNECT TO GROUND BUS IN PANEL.
 - DO NOT INSTALL RECEPTACLES, COMPUTER OR TELEPHONE OUTLETS BACK TO BACK. INSTALL IN ADJACENT STUD CAVITIES, TO REDUCE SOUND TRANSMISSION.

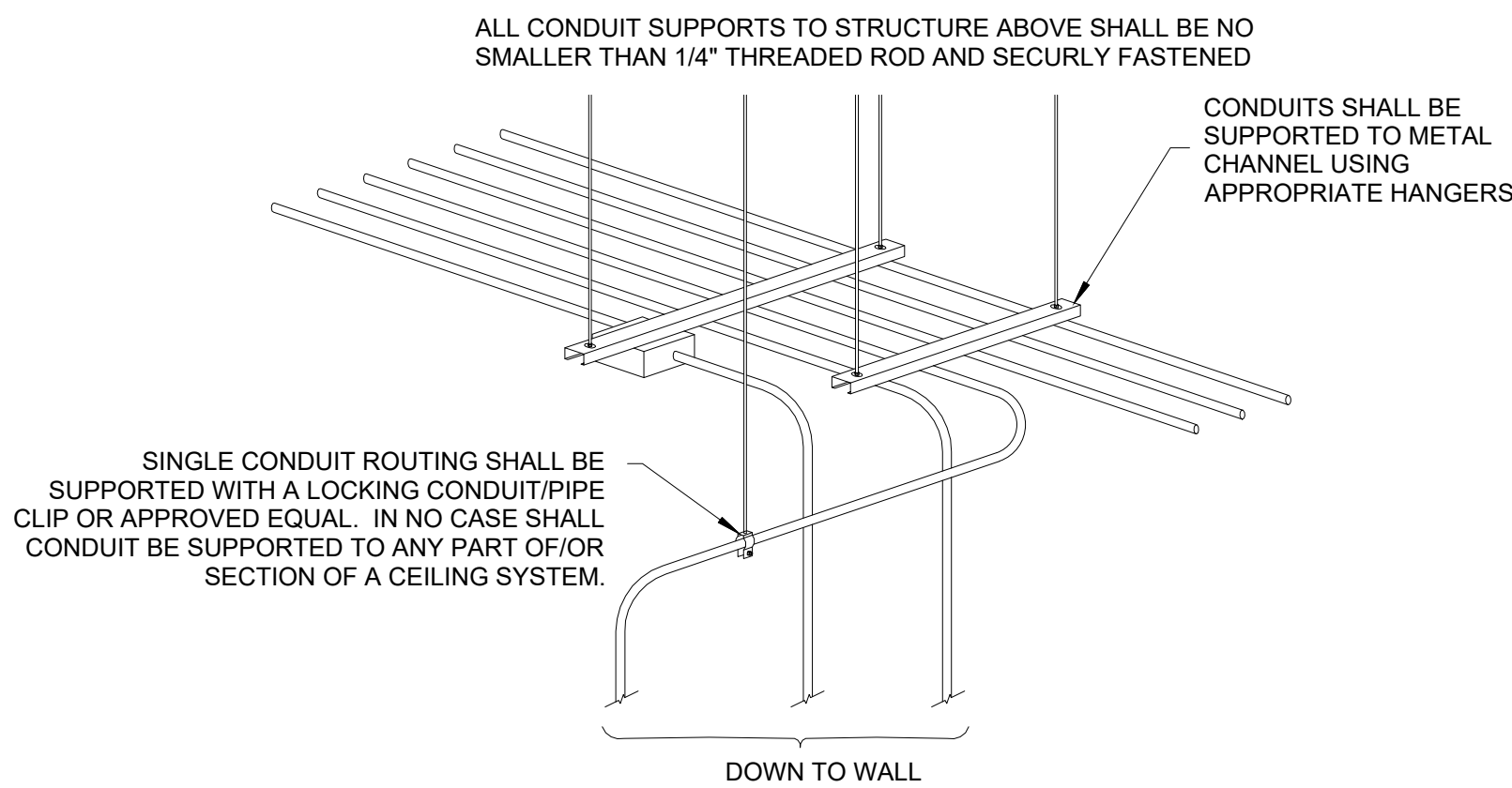
1
E4.00
TYPICAL RECEPTACLE INSTALLATION DETAIL
SCALE: N.T.S.



- NOTES:**
- PROVIDE LAMACOID, ADHESIVE BACKED, LABEL IDENTIFYING THE FOLLOWING:
PANELBOARD NAME
FEEDER SOURCE, BREAKER SIZE AND NUMBER
FEEDER SIZE, CONDUCTORS & RACEWAY.
 - STANDARD CIRCUIT DIRECTORY, TO BE COMPLETED BY E.C.
 - ENGRAVED NAME PLATE IDENTIFYING PANELBOARD NAME.
 - DOOR IN DOOR STYLE DOOR AND TRIM ASSEMBLY.

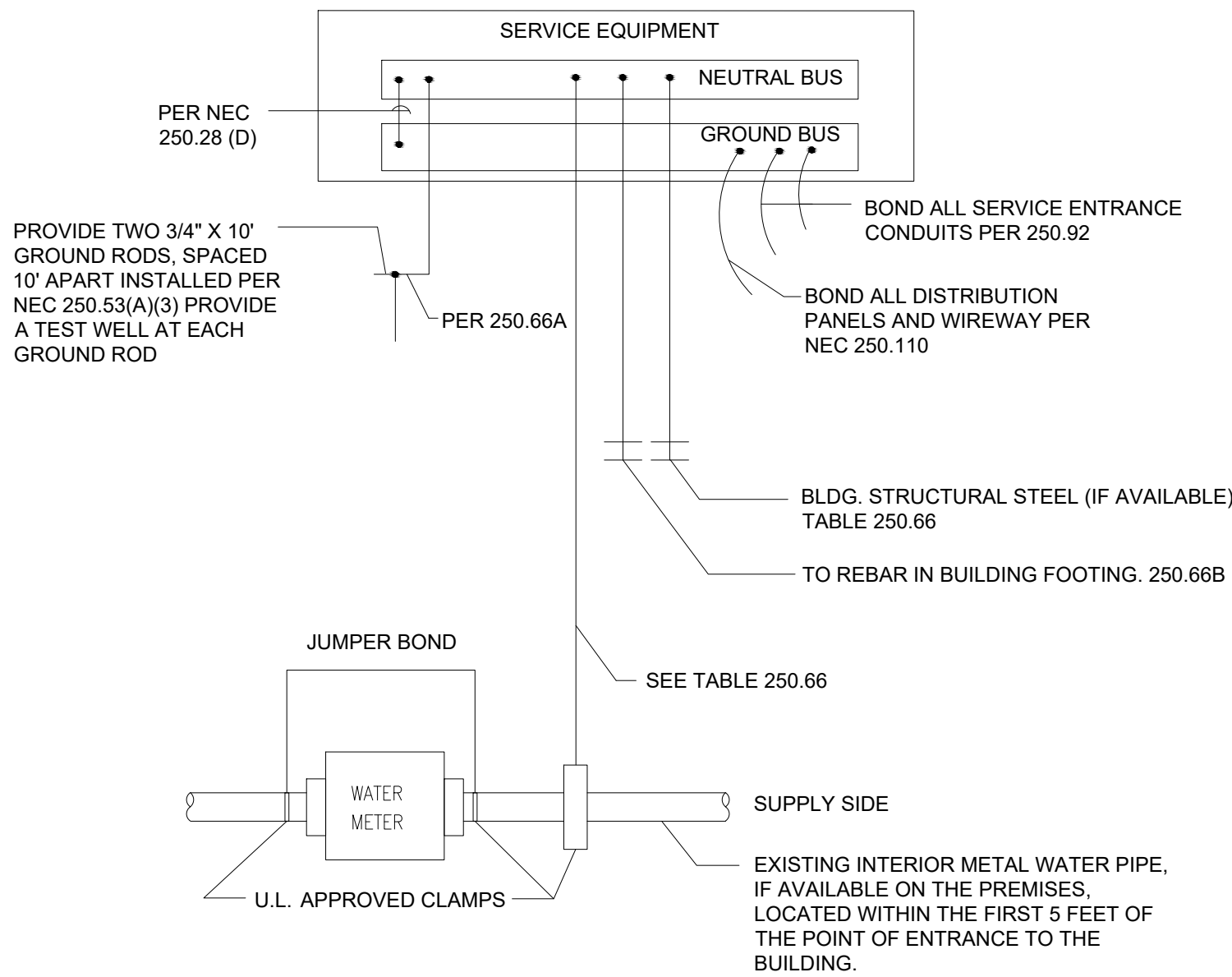


2
E4.00
PANELBOARD MOUNTING DETAIL
SCALE: N.T.S.



ALL CONDUIT ROUTING AND SUPPORTING SHALL COMPLY WITH SPECS, NEC 110-12 AND 340 THRU 362, WITH NO EXCEPTIONS. IF CONDUITS CAN NOT BE SUPPORTED FROM THE BUILDING STRUCTURE, CONDUIT ROUTING WITH THREE OR MORE CONDUITS GROUPED TOGETHER SHALL BE SUPPORTED FROM MINIMUM 3/4" UNISTRUT WITH A MINIMUM OF 2 SUPPORTING 1/4" ALL THREAD RODS FROM THE STRUCTURE ABOVE.

3
E4.00
CONDUIT HANGING DETAIL FOR MULTI-RACEWAY ROUTING
SCALE: N.T.S.

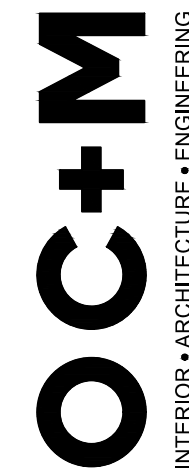


- NOTE:**
- THE GROUNDING CONDUCTOR BROUGHT TO SERVICE EQUIPMENT MUST BE FULLY RATED PER NEC 250.66
 - THE GROUNDING ELECTRODE CONDUCTOR SHALL BE CONNECTED TO THE GROUNDED SERVICE CONDUCTOR, AT EACH SERVICE IN ACCORDANCE WITH NEC 250.24
 - TOP OF GROUND RODS SHALL BE 2" BELOW FINISHED GRADE.

4
E4.00
GROUNDING DETAIL
SCALE: N.T.S.



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11-29-2024

ELECTRICAL DETAILS

E4.00

PLUMBING FIXTURE SCHEDULE

TAG	TYPE	MANUFACTURE & MODEL #	ACCESSORIES & NOTES
J	ELEC. TANKLESS WATER HEATER	EEMAX SPEX3512	GPM TURN ON: 0.3 MAX. PRESSURE RATING: 150 psi POWER: 3.5 kW, VOLTS: 120V, PHASE: 1

MATERIAL LIST

- SANITARY SOIL AND WASTE PIPING AND STORM DRAIN PIPING ABOVE GRADE SHALL BE: NO-HUB CAST IRON PIPE AND FITTINGS WITH CAST IRON COUPLINGS WITH STAINLESS STEEL BANDS - INSTALL 4 BAND COUPLERS ON ALL PIPING 3" OR LARGER, CAST IRON PIPE AND FITTINGS ARE REQUIRED TO MEET CISPI 301 AND/OR CISPI 310 STANDARDS AS APPROVED BY NSF.
- VENT PIPING ABOVE GRADE SHALL BE: NO-HUB CAST IRON PIPE & FITTINGS WITH CAST IRON COUPLINGS WITH STAINLESS STEEL BAND - INSTALL 4 BAND COUPLERS ON ALL PIPING 3" OR LARGER OR TYPE DWV COPPER PIPE WITH CAST COPPER SWEAT FITTINGS. CAST IRON PIPE & FITTINGS ARE REQUIRED TO MEET CISPI 301 &/OR CISPI 310 STANDARDS AS APPROVED BY NSF.
- WATER PIPE ABOVE GRADE SHALL BE: TYPE "L" HARD DRAWN COPPER TUBING WITH 95-5 SILVER SOLDER JOINT FITTINGS (ALL PIPE, FITTINGS, FIXTURES, ETC. THAT CONTACT POTABLE WATER FOR HUMAN CONSUMPTION SHALL SHOW APPROVAL TO NSF 61).
- INDIRECT AND CONDENSATE DRAIN PIPING SHALL BE: TYPE "M" COPPER TUBING WITH 95-5 SILVER SOLDER JOINT FITTINGS.
- GAS PIPING ABOVE GRADE SHALL BE: SCHEDULE 40 BLACK STEEL PIPE WITH MALLEABLE IRON FITTINGS. THE PLUMBING CONTRACTOR SHALL VERIFY ALL LOCAL AND STATE CODE REQUIREMENTS PERTAINING TO LOW PRESSURE AND MEDIUM PRESSURE GAS PIPING PRIOR TO SHALL THE START OF CONSTRUCTION.
- INSULATION: ALL WATER PIPING ABOVE GRADE SHALL BE INSULATED WITH JOHNS-MANVILLE "MICRO-LOK" INSULATION. ALL WATER PIPING INSTALLED OUTDOORS SHALL BE INSULATED WITH JOHNS-MANVILLE "MICRO-LOK" INSULATION WITH WEATHER PROTECTIVE JACKETING. ALL AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH ARMACELL "AP/ARMAFLEX" TUBE INSULATION. MATERIAL SHALL BE APPROVED FOR RETURN AIR PLENUM APPLICATIONS - GLUE AND TAPE ALL SEAMS AND FITTINGS ON ALL INSULATION. PIPING FROM A WATER HEATER TO THE TERMINATION OF THE HEATED WATER FIXTURE SUPPLY PIPE SHALL BE INSULATED. ON BOTH THE INLET AND OUTLET PIPING OF A STORAGE WATER HEATER OR HEATED WATER STORAGE TANK, THE PIPING TO A HEAT TRAP OR THE FIRST 8 FEET OF PIPING, WHICHEVER IS LESS, SHALL BE INSULATED.
- WATER HAMMER ARRESTORS SHALL BE: ALL STAINLESS STEEL CONSTRUCTION, BELLOW TYPE, P.D.I. APPROVED AND CERTIFIED SIZING AND PLACEMENT CONFORMING TO PLUMBING AND DRAINAGE INSTITUTE STANDARD PDI-WH-201 LATEST EDITION AND AS MANUFACTURED BY ZURN, J.R.SMITH OR P.P.P.INC.
- CLEANOUTS SHALL BE: J.R. SMITH, ZURN OR JOSAM AND MANUFACTURED AS FOLLOWS:
 - TILE FLOORS: J.R. SMITH NO. 4040 SQUARE WITH NICKEL BRONZE TOP.
 - EPOXY FLOORS: J.R. SMITH NO. 4020 ROUND WITH NICKEL BRONZE TOP.
 - WALLS: J.R. SMITH NO. 4532 WITH BRONZE PLUG AND CHROME PLATED COVER OR EQUAL.
- YARD AND PARKING LOT: J.R. SMITH NO. 4253 CAST IRON SURFACE LEVEL CLEANOUT OR EQUAL.

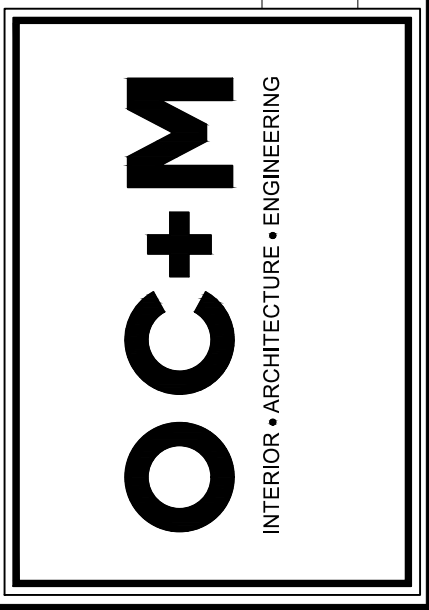
GENERAL NOTES

- THESE DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL PLUMBING LAYOUTS AND PIPE ROUTING FOR BIDDING PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARED DETAILED SHOP DRAWINGS AND CONFIRM SPACE ALLOCATIONS.
- REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL BUILDING DIMENSIONS, DETAILS, ELEVATIONS AND EXACT LOCATIONS OF FIXTURES.
- DO NOT SCALE THESE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL EQUIPMENT AND CONFORM W/ OWNER'S REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR THE SYSTEM TO BE IN COMPLETE PROPER WORKING ORDER. THIS CONTRACTOR SHALL CO-ORDINATE HIS WORK WITH OTHER TRADES TO AVOID INTERFERENCES AND DELAYS IN CONSTRUCTION.
- THE CONTRACTOR SHALL PAY ALL FEES, PERMITS, INSPECTIONS, TESTING AND MAINTAIN ALL REQUIRED INSURANCE.
- CONTRACTOR TO VERIFY LOCATION AND SIZES OF EXISTING UTILITIES PRIOR TO WORK AND CONTACT ARCHITECT OF ANY OR ALL DISCREPANCIES.
- ALL WORK SHALL CONFORM TO ALL LOCAL AND STATE CODES AND THE HEALTH DEPARTMENT HAVING JURISDICTION.
- PLUMBING CONTRACTOR SHALL REVIEW DRAWINGS OF ALL OTHER TRADES TO ASSURE THAT NO INTERFERENCE WITH ANY ARCHITECTURAL FEATURES WILL OCCUR. NOTIFY ARCHITECT OF ANY INTERFERENCES
- CONTRACTOR MAY RE-LAYOUT TO HIS ADVANTAGE OR TO MISS INTERFERENCES WITHIN LIMITS OF LOCAL CODES. NOTIFY ARCHITECT OF ANY CHANGES.
- FURNISH AND INSTALL ALL SYSTEMS OF SOIL, WASTE, AND VENT PIPING, HOT & COLD WATER PIPING, AND DRAINAGE PIPING INCLUDING ALL FITTINGS, VALVES, ETC, AS REQUIRED.
- ALL PLUMBING WORK SHALL BE DONE UNDER THE SUPERVISION OF AND BY LICENSED AND QUALIFIED PLUMBERS PER ALL LOCAL, STATE, AND NATIONAL CODES AND TO THE COMPLETE SATISFACTION OF THE LOCAL PLUMBING INSPECTOR.
- SUBMISSION OF A BID OR PROPOSAL SHALL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF WITH THE PLANS, SPECIFICATIONS, AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO BIDS FOR MATERIALS AND/OR LABOR DUE TO DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED, UNLESS DIFFICULTIES COULD NOT HAVE BEEN FORESEEN EVEN THOUGH PROPER EXAMINATION HAD BEEN MADE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY CONNECTIONS AND SHALL BEAR ALL COSTS OF INSTALLING NEW WATER METER.
- ALL MATERIALS SHALL BE NEW, CLEAN, AND WITHOUT DEFECTS. ANY DEFECTIVE MATERIALS SHALL BE REMOVED FROM THE JOB SITE.
- ALL PLUMBING PIPING SHALL BE CONCEALED WITHIN THE BUILDING STRUCTURE AND ABOVE DROP CEILINGS.
- ALL COPPER DOMESTIC PIPING SHALL HAVE SOLDER JOINTS, 95-5 NO-LEAD SOLDER, AND SUPPORTED ADEQUATELY FORM STRUCTURE WITH SPLIT RING HANGERS.
- ALL HOT WATER PIPING, AND COLD WATER PIPING IN UNCONDITIONED SPACES SHALL BE INSULATED WITH 1/2" THICK PRE-FORMED FOAM PIPE INSULATION, IMCOLOCK OR EQUAL. INSULATE FITTINGS WITH MITERED SECTIONS.
- SANITARY, WASTE, AND VENT PIPING ABOVE GRADE SHALL BE NO-HUB CAST IRON OR ASTM D2665-81 PVC SCHEDULE 40 PIPE.
- GAS PIPING SHALL BE SCHEDULE 40 ASTM A120-84 BLACK STEEL WITH 150# BLACK MALLEABLE FITTINGS AND DART #0832 UNIONS. PROVIDE DRIP LEGS AND CAPS FOR MOISTURE REMOVAL. PROVIDE UNIONS AND LUBRICATED PLUGS FOR ALL EQUIPMENT.
- CLEAN OUT PLUGS SHALL BE INSTALLED IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS AT EACH CHANGE IN DIRECTION. CLEANOUTS SHALL BE PLACED IN READILY ACCESSIBLE LOCATIONS.
- PROVIDE VALVES IN DOMESTIC WATER SYSTEM TO CUT-OFF WATER SERVICE MAIN INSIDE THE BUILDING, AT EACH WALL HYDRANT, AND TO ISOLATE EACH FIXTURE IN THE BUILDING.
- PROVIDE WATER PRESSURE REDUCING VALVE IF MEASURED WATER PRESSURE IS HIGHER THAN 50 PSIG.
- INSULATE ALL EXPOSED PIPING UNDER HANDICAPPED LAVATORIES WITH TRU-BRO OR EQUAL.
- PLUMBING CONTRACTOR SHALL FURNISH TO THE GENERAL CONTRACTOR ALL ACCESS PANELS TO BE INSTALLED AS REQUIRED FOR ANY PLUMBING INSTALLATIONS.
- SLEEVES SHALL BE INSTALLED WHERE ALL PIPES PENETRATE STRUCTURE.
- ALL OPENING THRU FIRE RATED WALLS AND FLOORS SHALL BE SLEEVED AND SEALED WITH PROPER FIREPROOFING MATERIAL TO MAINTAIN THE INTEGRITY OF STRUCTURE.
- PROVIDE MANUFACTURED COMPATIBLE PIPE HANGERS, RODS AND INSERTS. NO BAND IRON, TIE WIRE, METAL STRAPPING OR WIRE STRAPPING SHALL BE PERMITTED.
- PIPE VIBRATION AND SWAYING WILL NOT BE PERMITTED.
- PROVIDE SUITABLE BACKING AND SUPPORT FOR ALL PLUMBING FIXTURES.
- OFFSET ALL VTR'S AS REQUIRED WHETHER OR NOT SHOWN ON THE DRAWINGS.
- ALL VTR'S SHALL BE 25' FROM ALL A/C INTAKES OR AS REQUIRED BY CODES.
- UPON COMPLETION THE CONTRACTOR SHALL FURNISH TO THE OWNER ONE REPRODUCIBLE "AS-BUILT" DRAWING WHICH SHALL SHOW ALL PIPING INSTALLED.
- ALL WATER PIPING, ABOVE OR BELOW GROUND SHALL BE TYPE "L" INSULATE ALL HW & ALL CW PIPE SUBJECT TO CONDENSATION.
- ABOVEGROUND DOMESTIC WATER PIPING SHALL BE TYPE "L" COPPER TUBE, WITH SOLDER JOINTS.
- ALL WATER PIPING SHALL BE INSULATED WITH ARMSTRONG AP ARMAFLEX OR EQUAL. INSTALL 1/2" INSULATION FOR COLD WATER LINES, AND 1" INSULATION FOR HOT WATER LINES.
- ALL INSULATED PIPING IN AREAS SUBJECT TO WASH DOWN SHALL BE PROVIDED WITH A PVC JACKET AND JOINTS SHALL BE FUSED WATERTIGHT. ALL DROPS SHALL BE LABELED.
- UNDERGROUND DOMESTIC WATER PIPING SHALL BE TYPE "K" COPPER TUBE, WITH NO JOINTS.
- SOIL, WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC WHERE ACCEPTED BY LOCAL CODES.
- UNLESS NOTED OTHERWISE, ALL SANITARY PIPING SHALL SLOPE AT 1/8-INCH PER LINEAR FOOT OF TRAVEL.
- UNDERGROUND SANITARY LINES SHALL BE PVC, SCHEDULE 40, DWV TYPE WITH SOLVENT WELD JOINTS.
- ABOVEGROUND SANITARY PIPING SHALL BE PVC, SCHEDULE 40, DWV TYPE WITH SOLVENT WELD JOINTS. IF PIPING IS IN A RETURN AIR PLENUM OR FIRE RATED WALL SYSTEM, PIPING SHALL BE NO-HUB CAST IRON SOIL PIPE AND FITTINGS.
- ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS & ACCESS PANELS.
- CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR.
- ALL SINKS AND LAVATORIES FOR USE BY THE HANDICAPPED SHALL HAVE HOT SUPPLY AND P-TRAP INSULATED PER ADA.
- UPON COMPLETION OF THE WORK, TEST ALL PIPING SYSTEMS AS FOLLOWS:
 - DRAINAGE SYSTEMS INCLUDING SANITARY SEWERS, ROOF DRAINAGE, AND SANITARY VENTS: PLUG LOW POINTS OF SYSTEM AND FILL WITH WATER TO UPPERMOST OUTLET UP TO TWELVE(12) FEET HIGH.WHICHEVER IS LOWER. LET SYSTEM STAND FULL OF WATER WITH NO INDICATIONS OF LEAKS.
 - DOMESTIC HOT AND COLD WATER: 150 PSIG HYDROSTATIC TEST. HOLD HYDROSTATIC TESTS FOR A MINIMUM OF EIGHT(8) HOURS WITHOUT LOSS OF PRESSURE. HOLD AIR TESTS FOR A MINIMUM OF ONE HOUR WITHOUT SIGNIFICANT LOSS OF PRESSURE. WITH APPROVAL OF ARCHITECT, AIR TESTING MAY BE SUBSTITUTED FOR HYDROSTATIC TESTING IN FREEZING WEATHER.
 - GAS PIPING: 60 PSIG AIR PRESSURE TEST: MAINTAIN THIS PRESSURE FOR A MINIMUM OF EIGHT(8) HOURS WITHOUT A LOSS OF PRESSURE. FOLLOW INSTRUCTIONS 2.11 AND 2.12 IN NFPA MANUAL 54.
- RETESTING: RETEST PIPING FAILING INITIAL TESTS FOLLOWING CORRECTION OF DEFECTIVE WORK. REQUIREMENTS OF INITIAL TESTS SHALL APPLY.

FOR CONSTRUCTION

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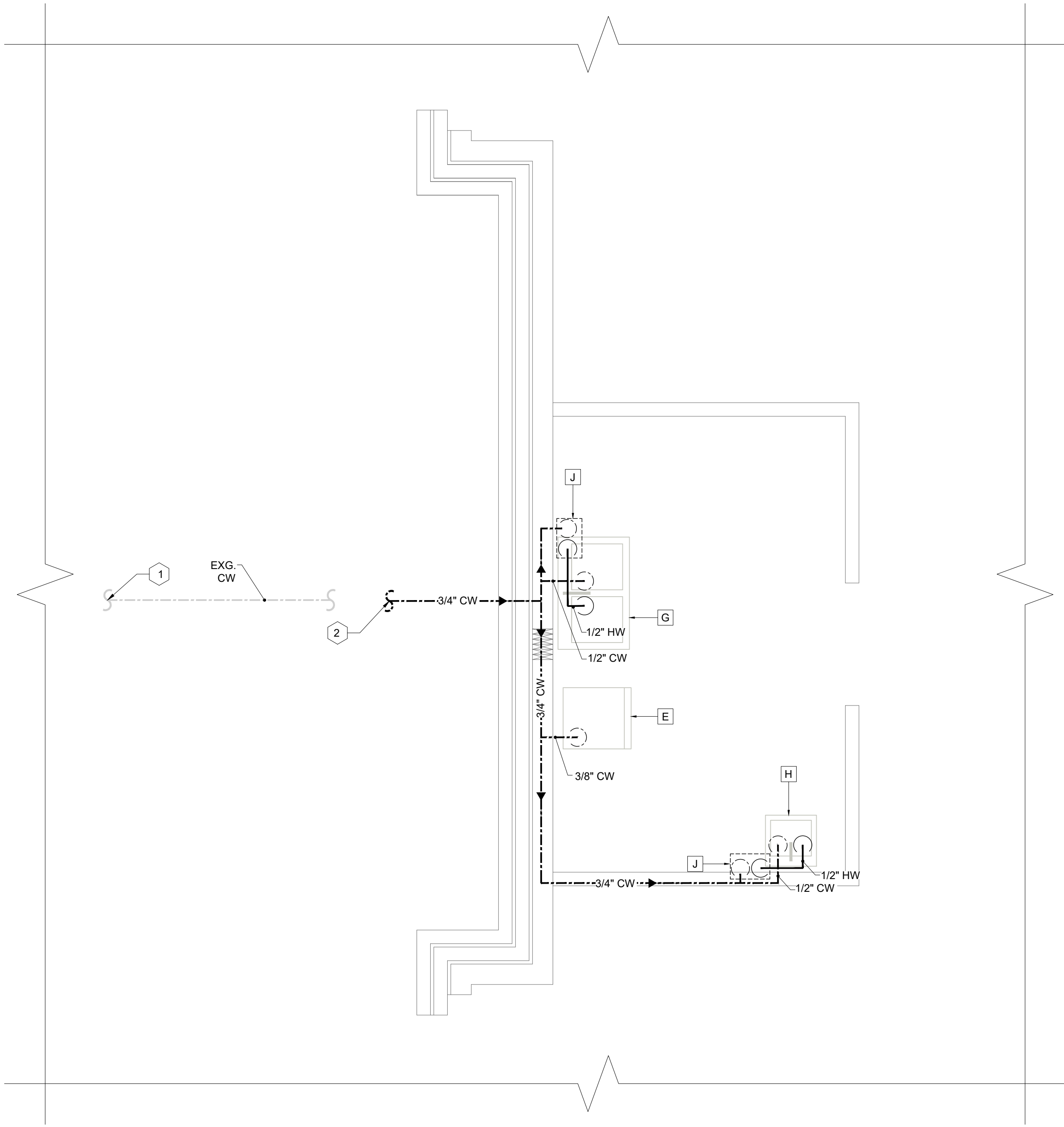
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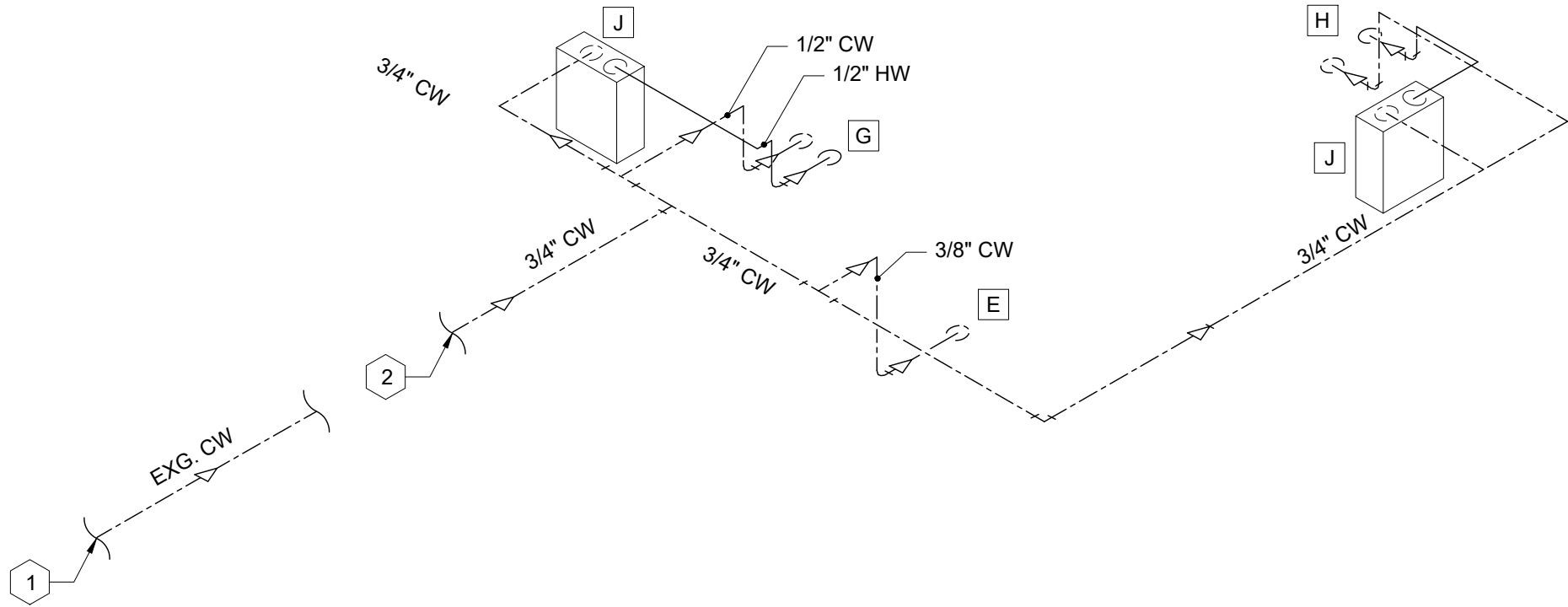
11-29-2024	2427

PLUMBING NOTE

P1.00



1 ENLARGED WATER SUPPLY
P2.00 SCALE: 1/2" = 1'-0"



2 WATER SUPPLY RISER
P2.00 SCALE: N.T.S.

GENERAL NOTES

1. CONTRACTOR VERIFY SITE EXISTING CONDITIONS.
2. CONTRACTOR VERIFY ALL FIXTURES LOCATION AND EXISTING DRAIN LOCATION.
3. PROVIDE ALL DOMESTIC COLD WATER LINE AND HOT WATER LINE, ELEC. HOT WATER HEATER AND ALL NECESSARY PARTS.
4. PROVIDE DRAIN LINES, VENT LINES, SEWER LINES AND FITTINGS.
5. NOTIFY ARCHITECT UPON ANY DISCREPANCIES FOUND.

KEY NOTES

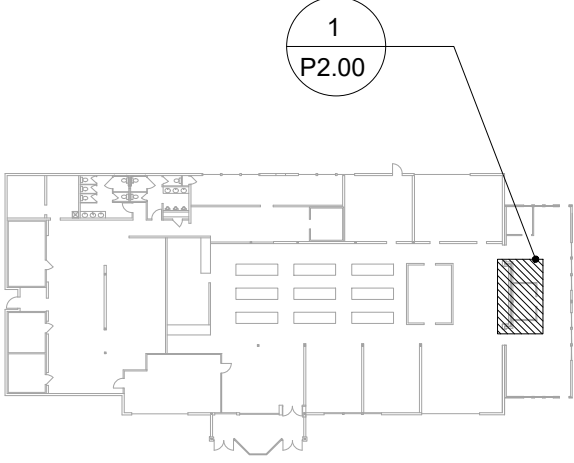
- 1 EXISTING COLD & HOT WATER LINE POINT. CONTRACTOR VERIFY EXACT LOCATION.
- 2 CONNECT TO EXISTING DOMESTIC COLD WATER LINE AT THE NEAREST POINT. FIELD VERIFY EXACT LOCATION AND CONDITION.

PLUMBING FIXTURE SCHEDULE

TAG	EQUIPMENT	QTY	PIPE SIZE			
			CW	HW	VENT	DRAIN
E	ICE MACHINE & ICE BIN	1	3/8"	-	-	3/4"
G	2-COMP SINK	1	1/2"	1/2"	1 1/2"	2"
H	HAND SINK W/ SPLASH GUARD	1	1/2"	1/2"	1 1/2"	1 1/2"
J	ELEC. TANKLESS WATER HEATER	2	1/2"	1/2"	-	-

NOTE:
SEE P3.00 SAW CUT PLAN PLUMBING FOR THE WIDTH NEW WASTE TRENCH(S) AND REPAIR / CLOSURE WITH REINFORCEMENT.

NOTE:
VERTICAL PLUMBING (THROUGH-SLAB) MUST BE ISOLATED FROM CONCRETE WITH FOAM, PER 2014 ACI-318, 14.3.4.1.



KEY PLAN

FOR CONSTRUCTION

A "BUILDING PERMIT APPLICATION FOR
SUPER GOLDEN BUFFET 915 North Point Dr,
Alpharetta, GA 30022
BUILDING OWNER: Mikathy Corp
1069 W MORSE BLVD
WINTER PARK FL 32789
OWNER AGENT : Designs by LSH LLC. designs by lsh@gmail.com - (407) 729-2022

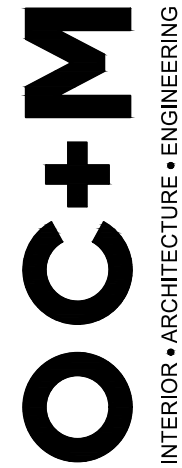
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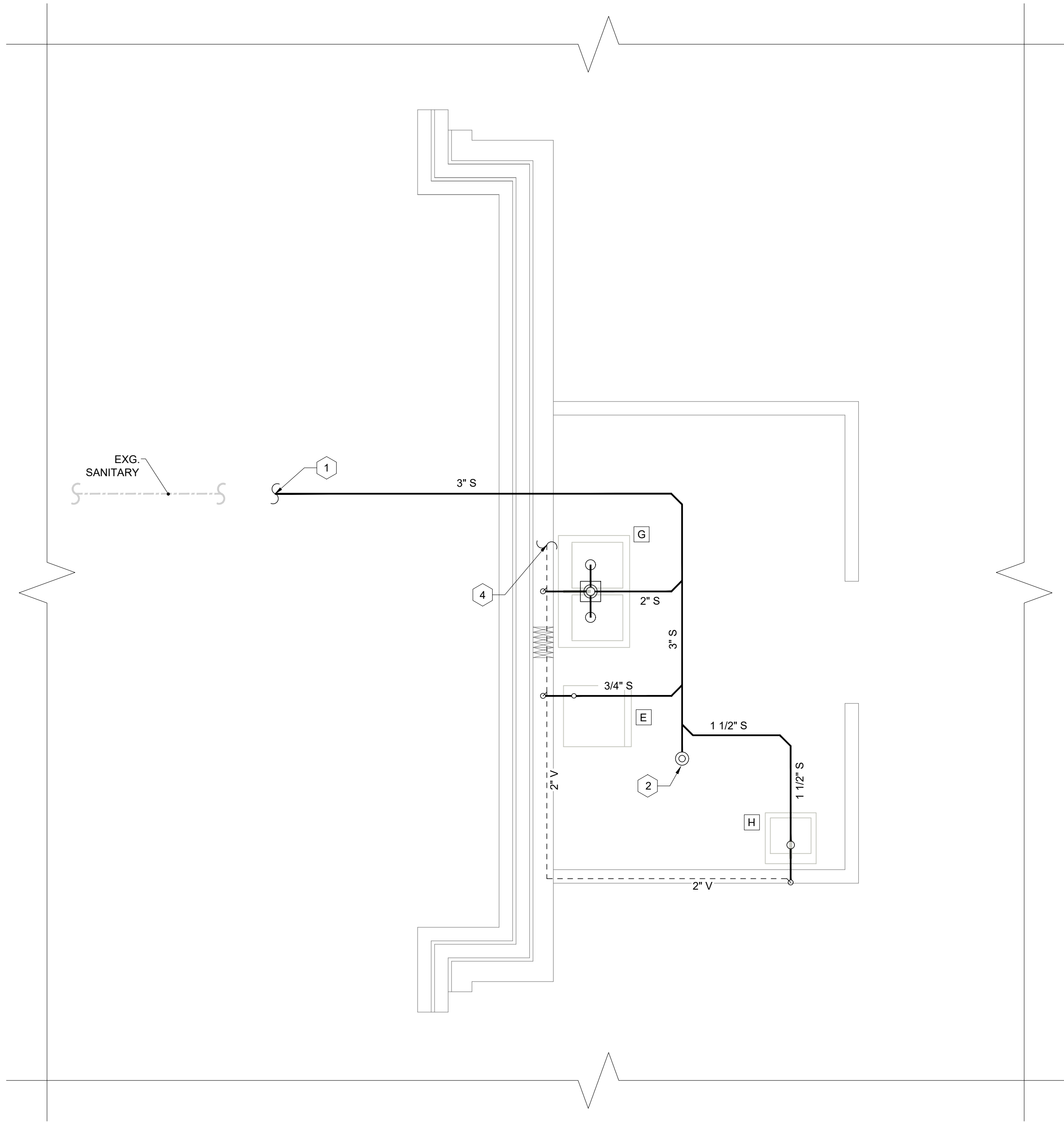
PLUMBING PLAN -
WATER SUPPLY

P2.00

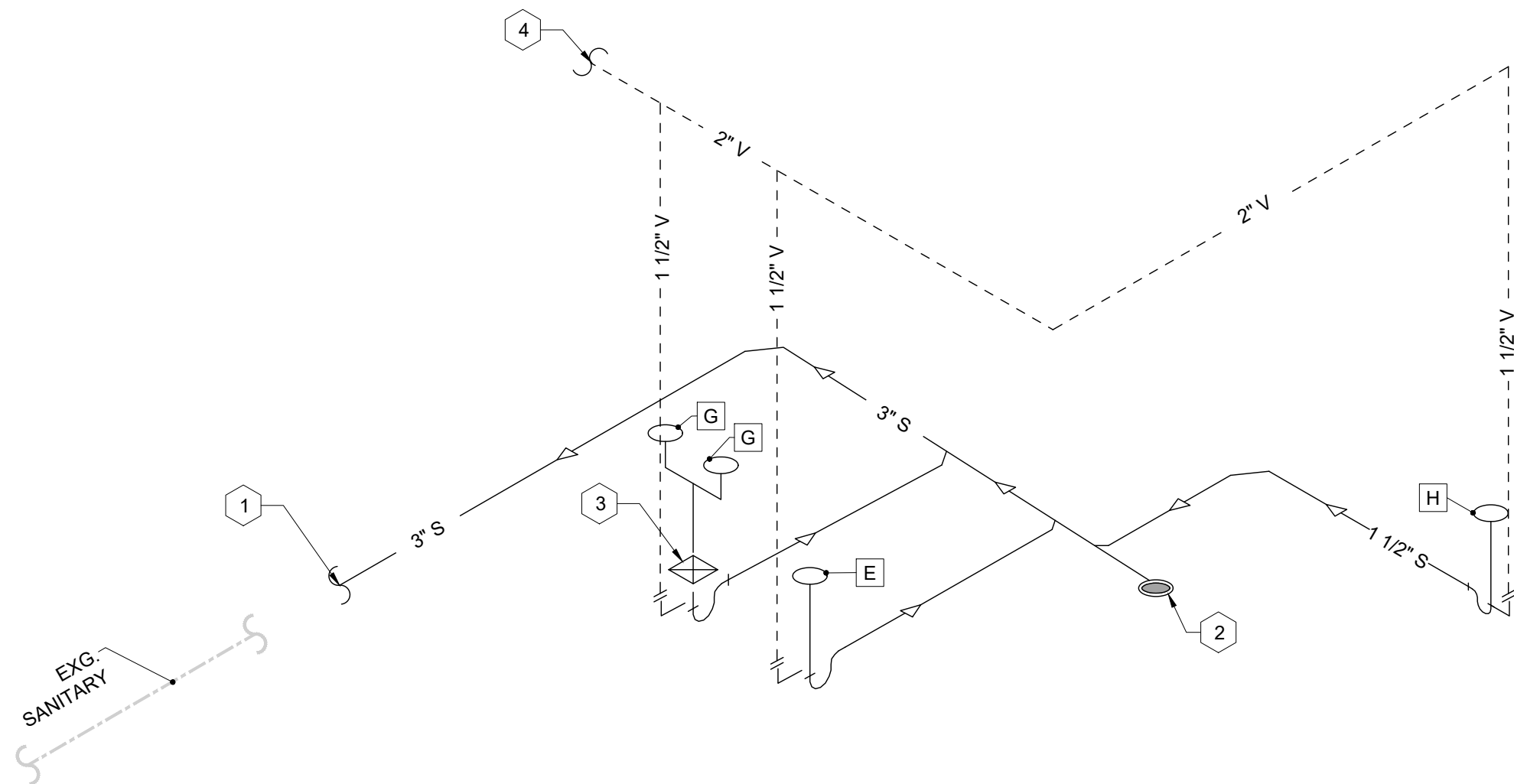


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1 ENLARGED SANITARY LINES
P2.10 SCALE: 1/2" = 1'-0"



2 SANITARY & VENT RISER
P2.10 SCALE: N.T.S.

GENERAL NOTES

1. CONTRACTOR VERIFY SITE EXISTING CONDITIONS.
2. CONTRACTOR VERIFY ALL FIXTURES LOCATION AND EXISTING DRAIN LOCATION.
3. PROVIDE AIR GAP BETWEEN DISCHARGE PIPE AND HUB DRAIN.
4. PROVIDE DRAIN LINES, VENT LINES, SEWER LINES AND FITTINGS, HUB DRAIN, CLEAN OUT.
5. NOTIFY ARCHITECT UPON ANY DISCREPANCIES FOUND.

KEY NOTES

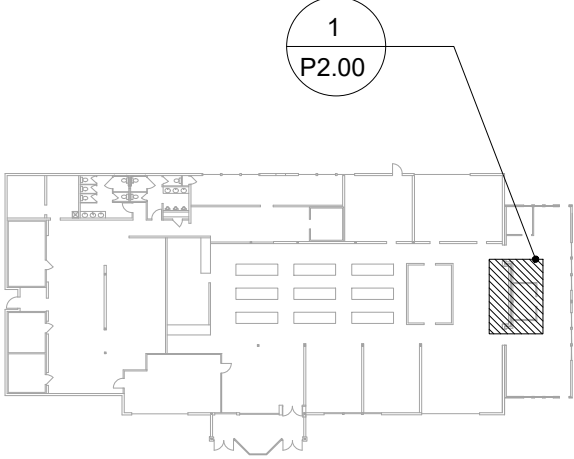
- 1 TIE TO EXISTING SEWER LINE AND/OR SEWER MANHOLE AT THE NEAREST POINT. CONTRACTOR VERIFY EXACT LOCATION.
- 2 PROVIDE CLEANOUT.
- 3 PROVIDE HUBDRAIN
- 4 TIE TO EXISTING VENT LINE AT THE NEAREST POINT. CONTRACTOR VERIFY EXACT LOCATION.

PLUMBING FIXTURE SCHEDULE

TAG	EQUIPMENT	QTY	PIPE SIZE			
			CW	HW	VENT	DRAIN
E	ICE MACHINE & ICE BIN	1	3/8"			3/4"
G	2-COMP SINK	1	1/2"	1/2"	1 1/2"	2"
H	HAND SINK W/ SPLASH GUARD	1	1/2"	1/2"	1 1/2"	1 1/2"

NOTE:
SEE P3.00 SAW CUT PLAN PLUMBING FOR THE WIDTH NEW WASTE TRENCH(S) AND REPAIR / CLOSURE WITH REINFORCEMENT.

NOTE:
VERTICAL PLUMBING (THROUGH-SLAB) MUST BE ISOLATED FROM CONCRETE WITH FOAM, PER 2014 ACI-318, 14.3.4.1.



KEY PLAN

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PLUMBING PLAN -
SANITARY & VENT

P2.10



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- NOTE:
1. PROPOSED GREASE TRAP MUST BE WITHIN 50' (FEET) MAXIMUM DISTANCE FROM DISCHARGE POINT AT BUILDING.
 2. TIE TO EXISTING SEWER LINE AND/OR SEWER MANHOLE AT THE NEAREST POINT. FIELD VERIFY EXACT LOCATION.
 3. PROVIDE 1,500 GAL. GREASE INTERCEPTOR. FIELD VERIFY EXACT LOCATION TO INSTALL GREASE INTERCEPTOR WITH LANDLORD.
 4. CONNECT TO EXITING DRAIN LINE. FIELD VERIFY EXACT LOCATION AND CONDITION.

GENERAL NOTES

1. CONTRACTOR VERIFY SITE EXISTING CONDITIONS.
2. CONTRACTOR VERIFY ALL EQUIPMENTS LOCATION AND EXISTING DRAIN LOCATION.
3. NOTIFY ARCHITECT UPON ANY DISCREPANCIES FOUND.
4. EXISTING DRAIN / VENT PIPE TO REMAIN. NOT SCOPE OF WORK. CONTRACTOR VERIFY EXACT LOCATION AND CONDITION OF EXISTING DRAIN / VENT LINE.

GREASE INTERCEPTOR SIZE CALCULATION

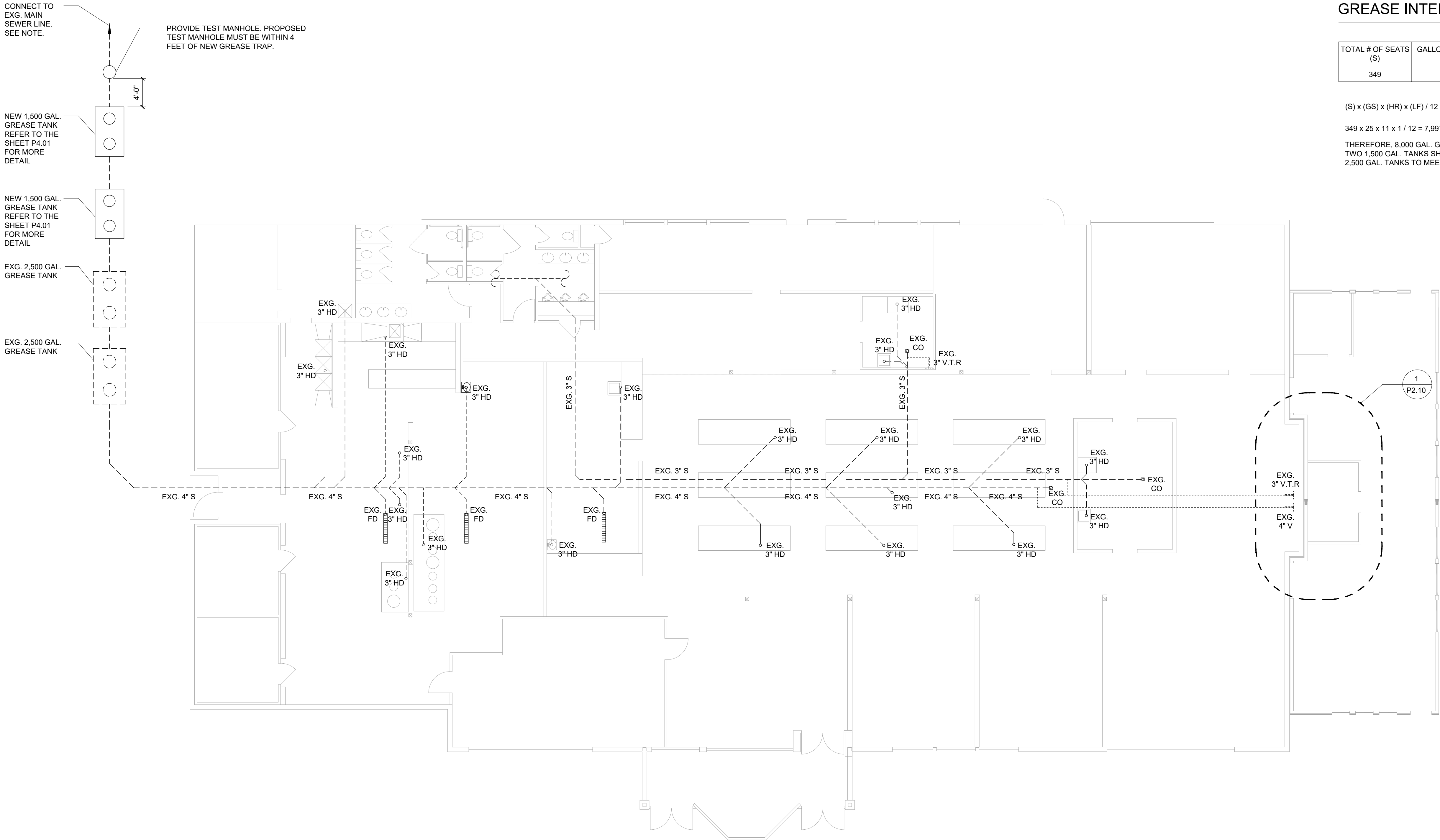
TOTAL # OF SEATS (S)	GALLONS / SEAT (GS)	BUSINESS HOURS (HR) / DAY	LOAD FACTOR (LF)
349	25	11	1

(S) x (GS) x (HR) x (LF) / 12 = GREASE INTERCEPTOR CAPACITY IN GALLONS

349 x 25 x 11 x 1 / 12 = 7,997.9

THEREFORE, 8,000 GAL. GREASE INTERCEPTOR TANK IS REQUIRED. ADD TWO 1,500 GAL. TANKS SHOULD BE ADDED ALONGSIDE THE EXISTING TWO 2,500 GAL. TANKS TO MEET THE REQUIREMENTS.

DAY	OPERATING HOURS
MON	11:00 PM - 9:00 PM
TUE	11:00 PM - 9:00 PM
WED	11:00 PM - 9:00 PM
THUR	11:00 PM - 9:00 PM
FRI	11:00 PM - 10:00 PM
SAT	11:00 PM - 10:00 PM
SUN	11:00 PM - 9:00 PM



1 EXISTING SANITARY LINE
P2.11 SCALE: 1/8" = 1'-0"



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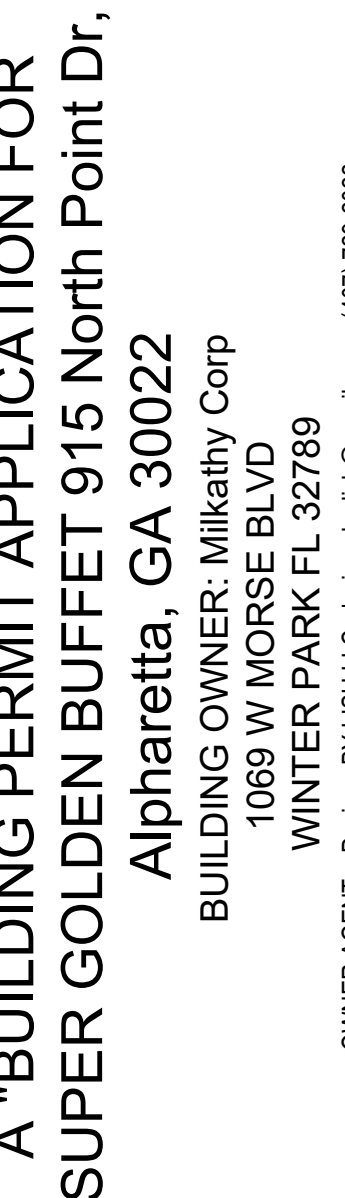


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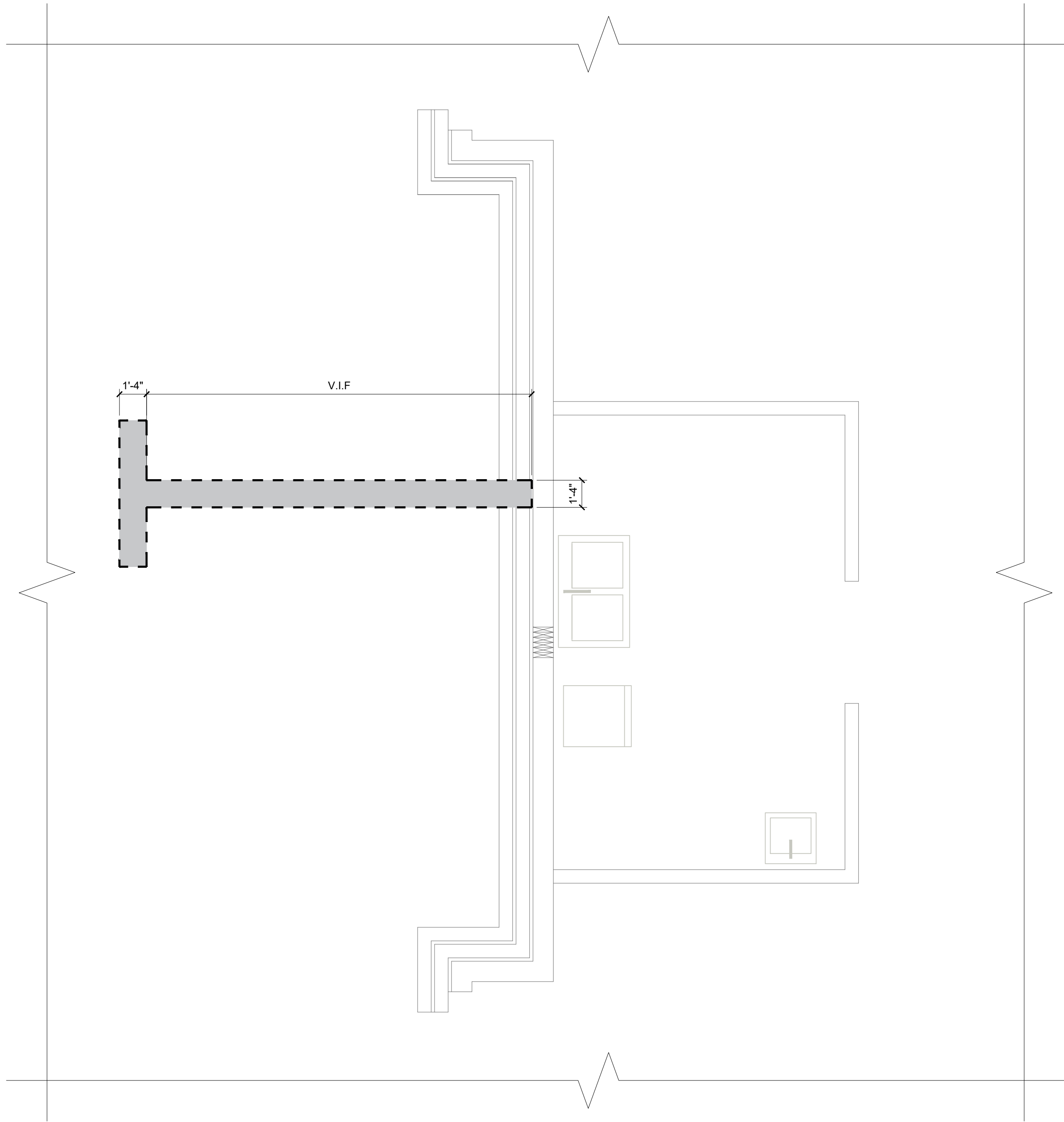
PLUMBING PLAN -
EXG. SANITARY
P2.11

TAG	EQUIPMENT	QTY	PIPE SIZE			
			CW	HW	VENT	DRAIN
E	ICE MACHINE & ICE BIN	1	3/8"			3/4"
G	2-COMP SINK	1	1/2"	1/2"	1 1/2"	2"
H	HAND SINK W/ SPLASH GUARD	1	1/2"	1/2"	1 1/2"	1 1/2"

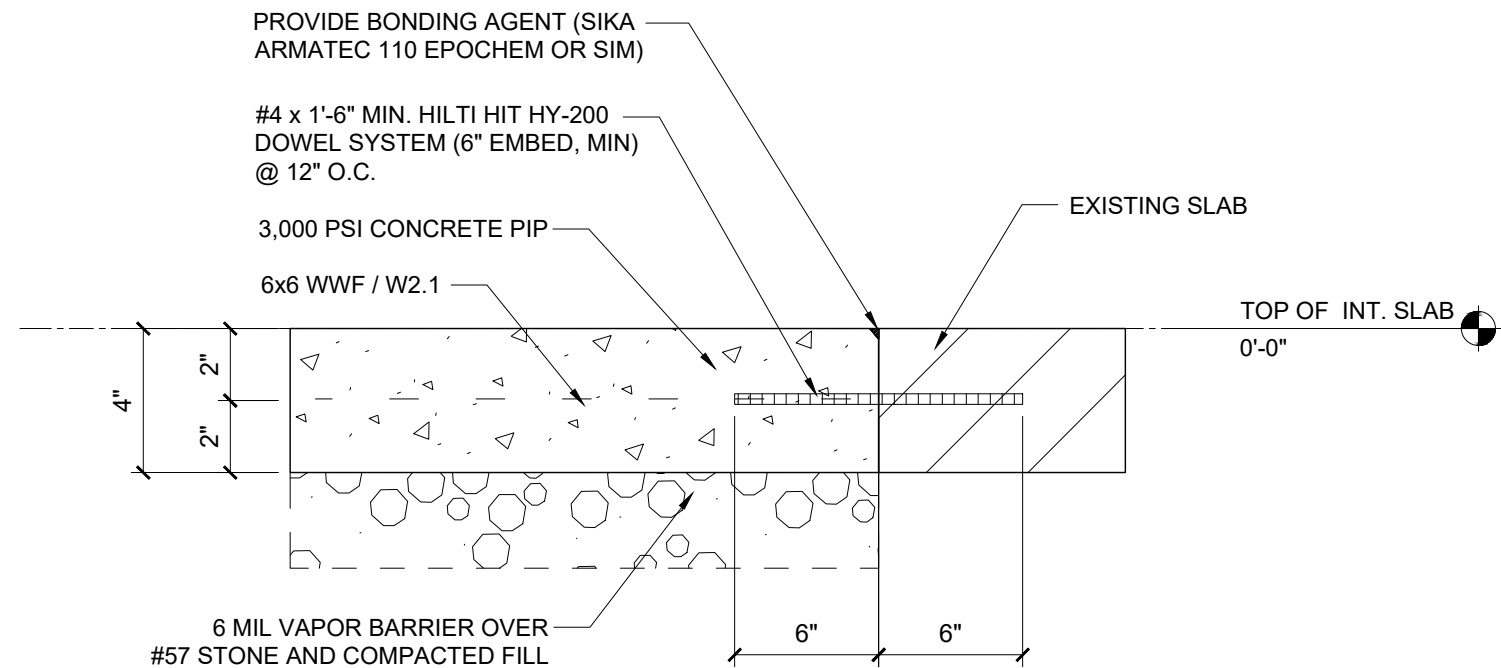


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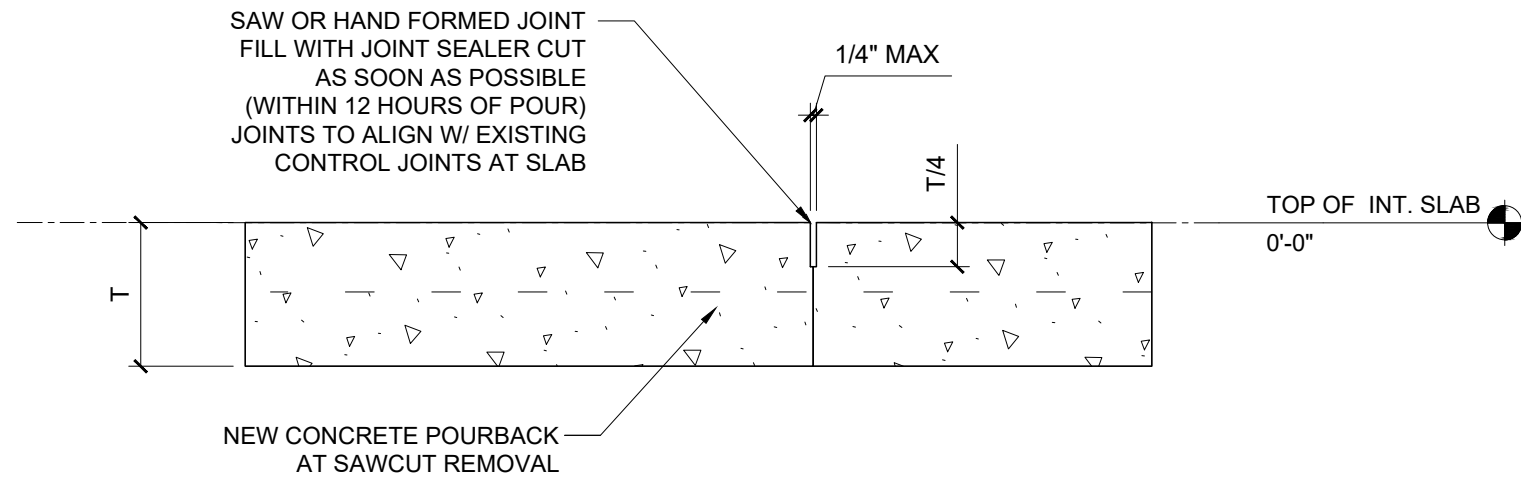
PLUMBING PLAN -
OVERALL SANITARY
RISER
P2.12



1 SAWCUT PLAN
SCALE: 1/2" = 1'-0"



2 SAWCUT PLAN PLUMBING
SCALE: N.T.S.



3 SAWCUT PLAN PLUMBING
SCALE: N.T.S.

GENERAL NOTE

1. PROVIDE PIPING TO ESTABLISH CONNECTION BETWEEN EXISTING PIPING AND NEW SANITARY MAIN. FIELD VERIFY ROUTING AND POINT OF CONNECTION PRIOR TO BEGINNING WORK.
2. EXISTING RESTROOMS SANITARY BRANCHES BELOW SLAB SHALL REMAIN. VERIFY LOCATION AND ROUTING PRIOR TO BEGINNING WORK.

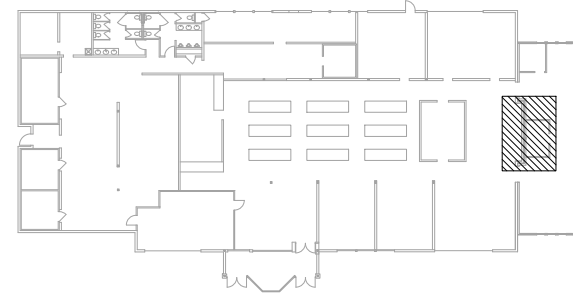
SAWCUT PLAN LEGEND



AREA OF EXISTING SLAB TO BE REMOVED FOR THE INSTALLATION OF PLUMBING LINES AND OTHER UTILITY LINES AT RENOVATION. REFER TO SAWCUT POUR BACK DETAILS. PROVIDE SAWCUT CONTROL JOINTS PERPENDICULAR TO THE TRENCH AT INTERVALS TO ALIGN WITH THE EXISTING CONTROL JOINT PATTERNS AT SLAB.

NOTE:
VERTICAL PLUMBING (THROUGH-SLAB) MUST BE ISOLATED FROM CONCRETE WITH FOAM, PER 2014 ACI-318, 14.3.4.1.

KEY PLAN



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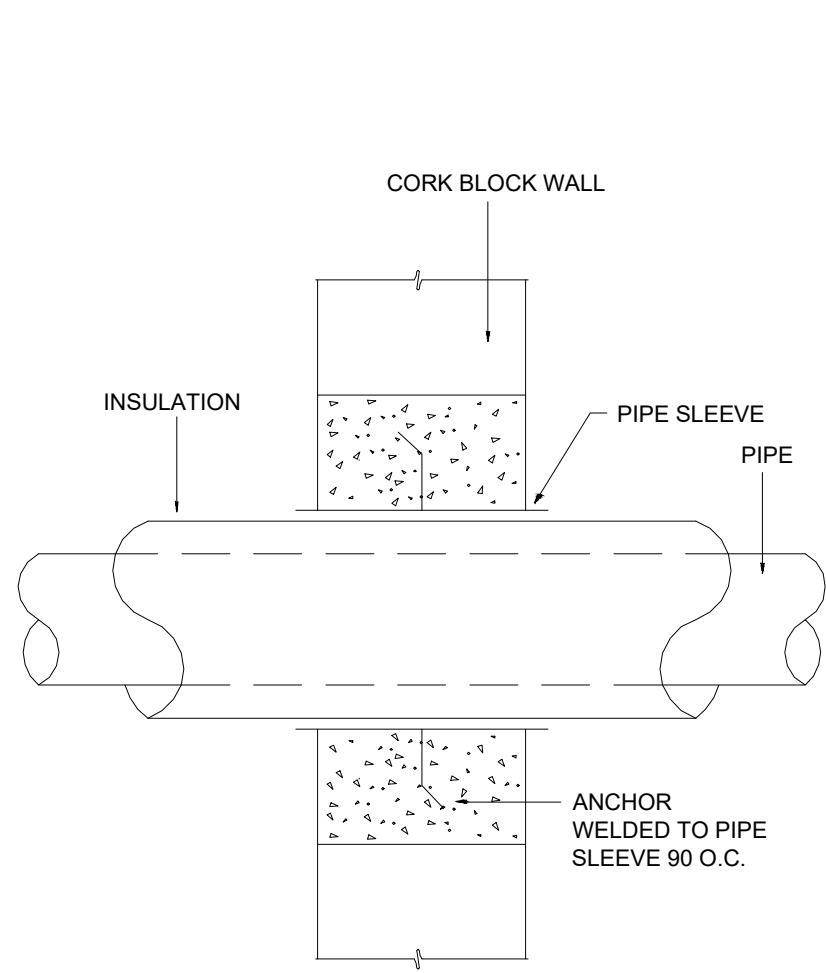
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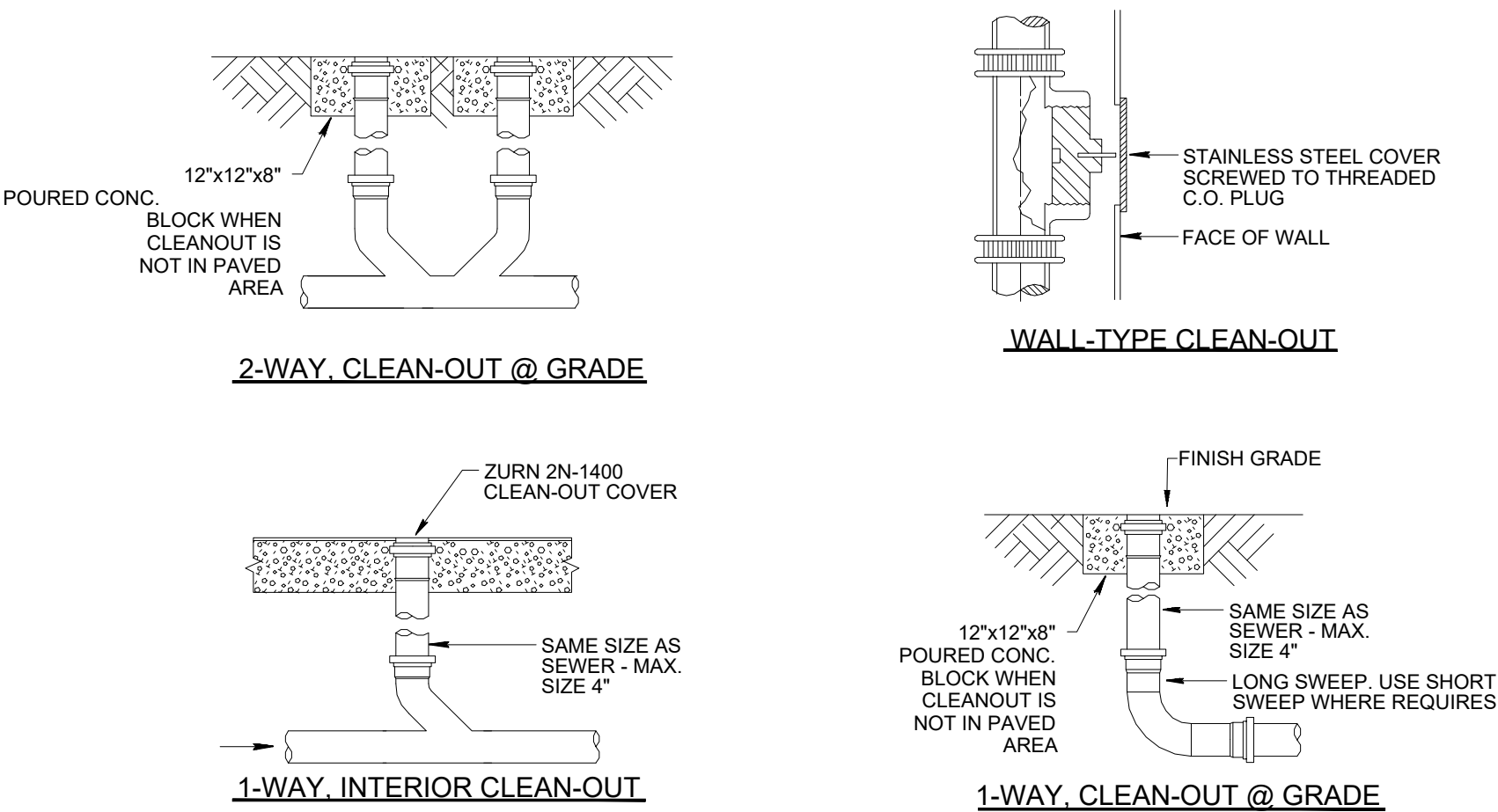
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SAWCUT PLAN

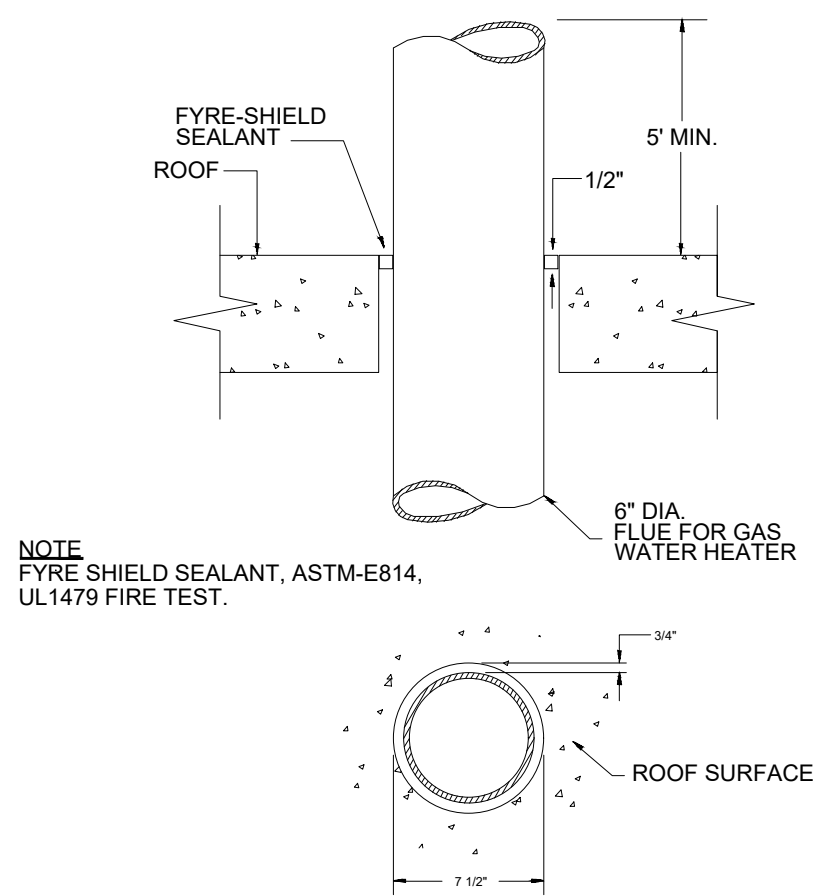
P3.00



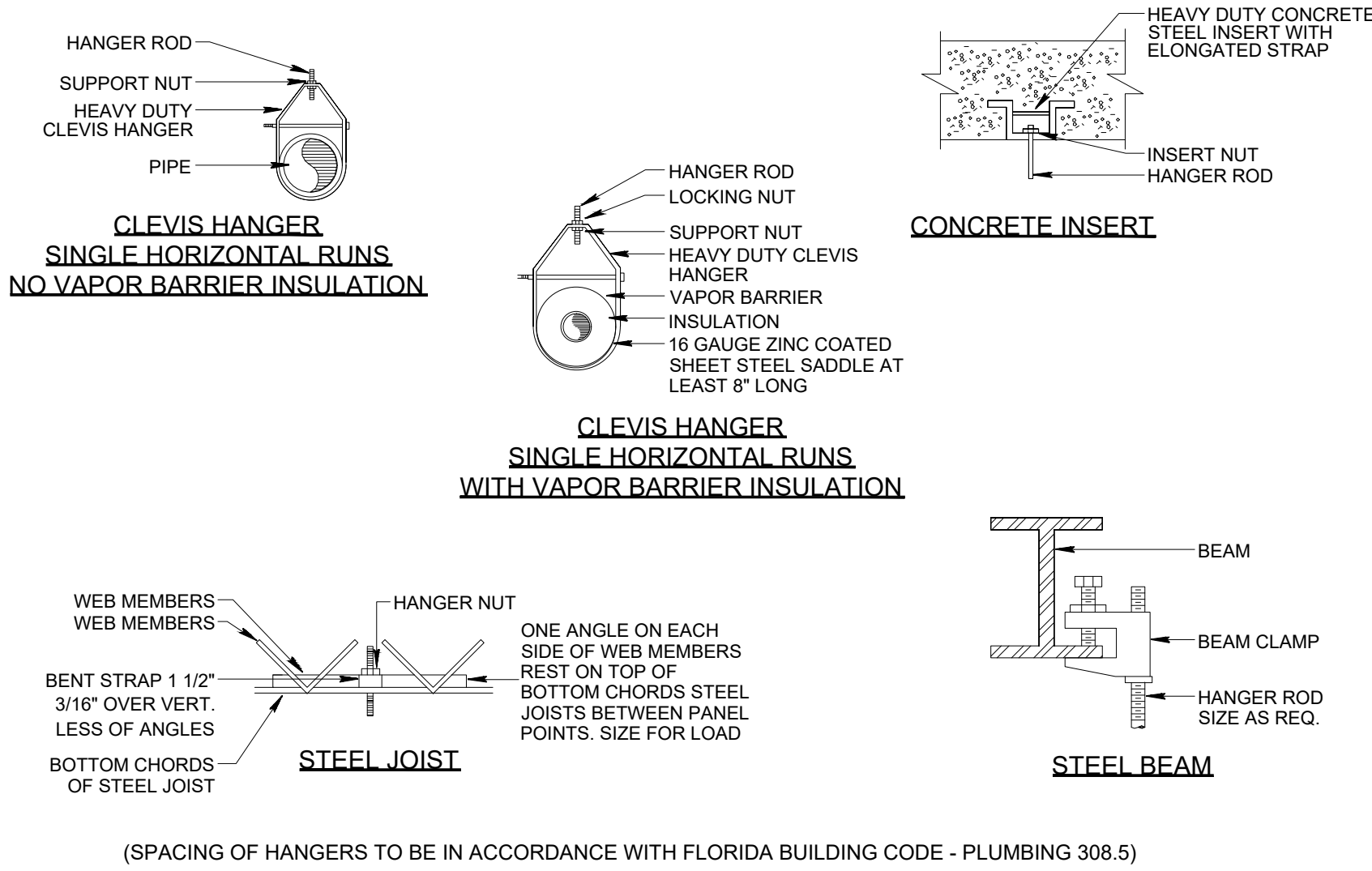
1 PIPE THRU WALL DETAIL
P4.00 SCALE: N.T.S.



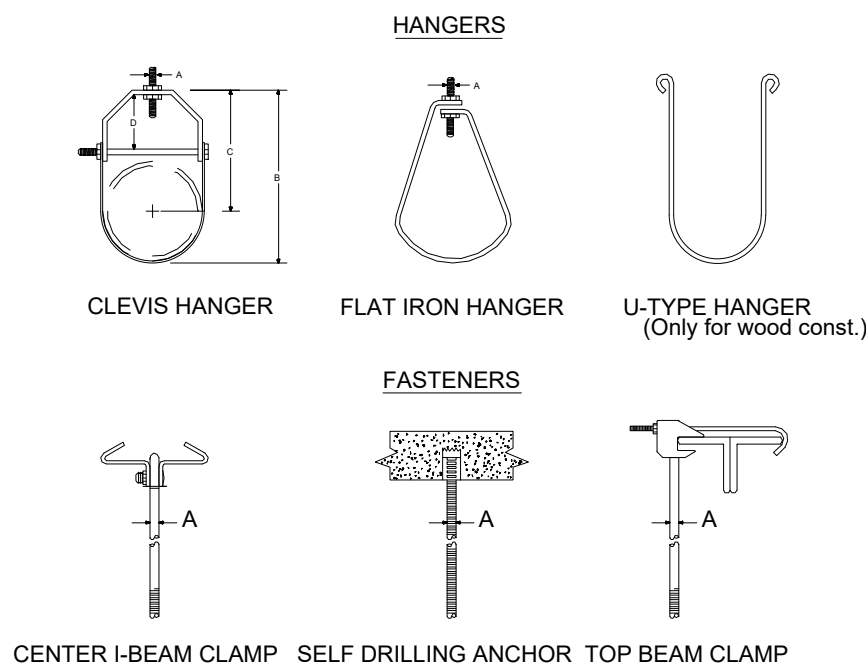
4 TYPICAL CLEAN-OUT DETAIL
P4.00 SCALE: N.T.S.



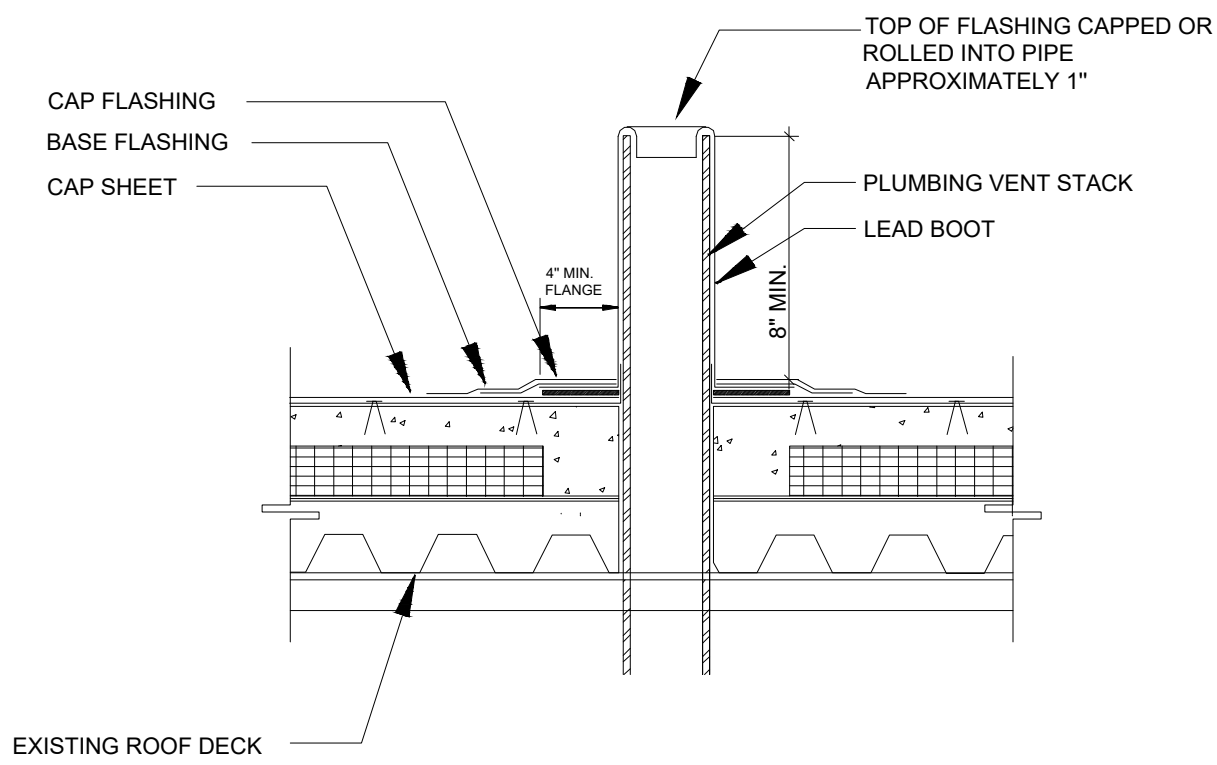
7 ROOF PENETRATION DETAIL
P4.00 SCALE: N.T.S.



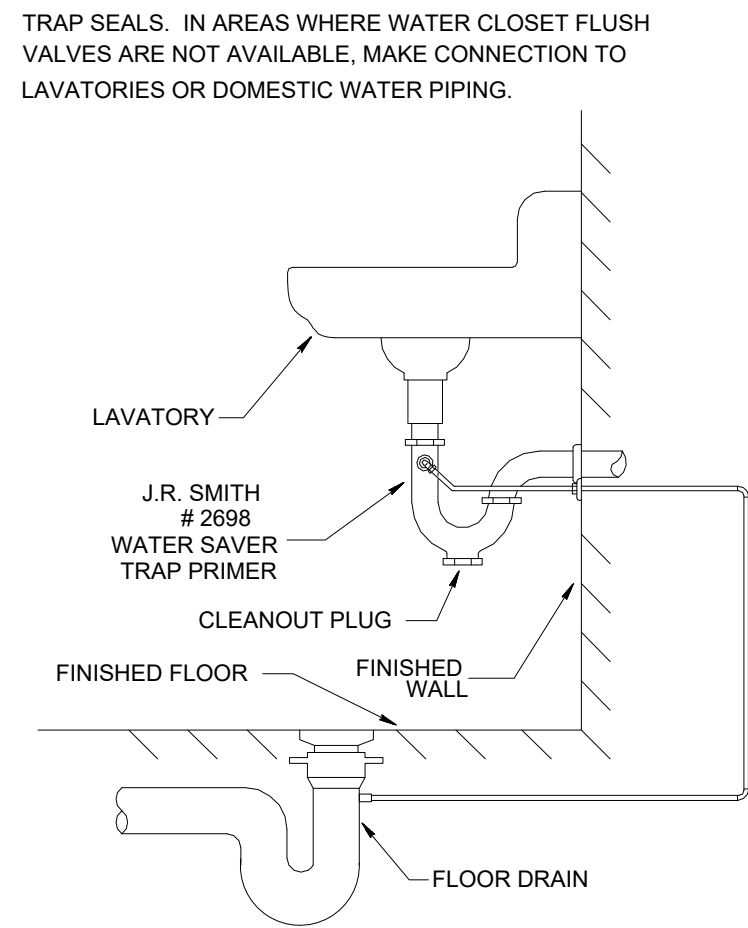
2 PIPE SUPPORT DETAIL (FOR SANITARY & WATER PIPING)
P4.00 SCALE: N.T.S.



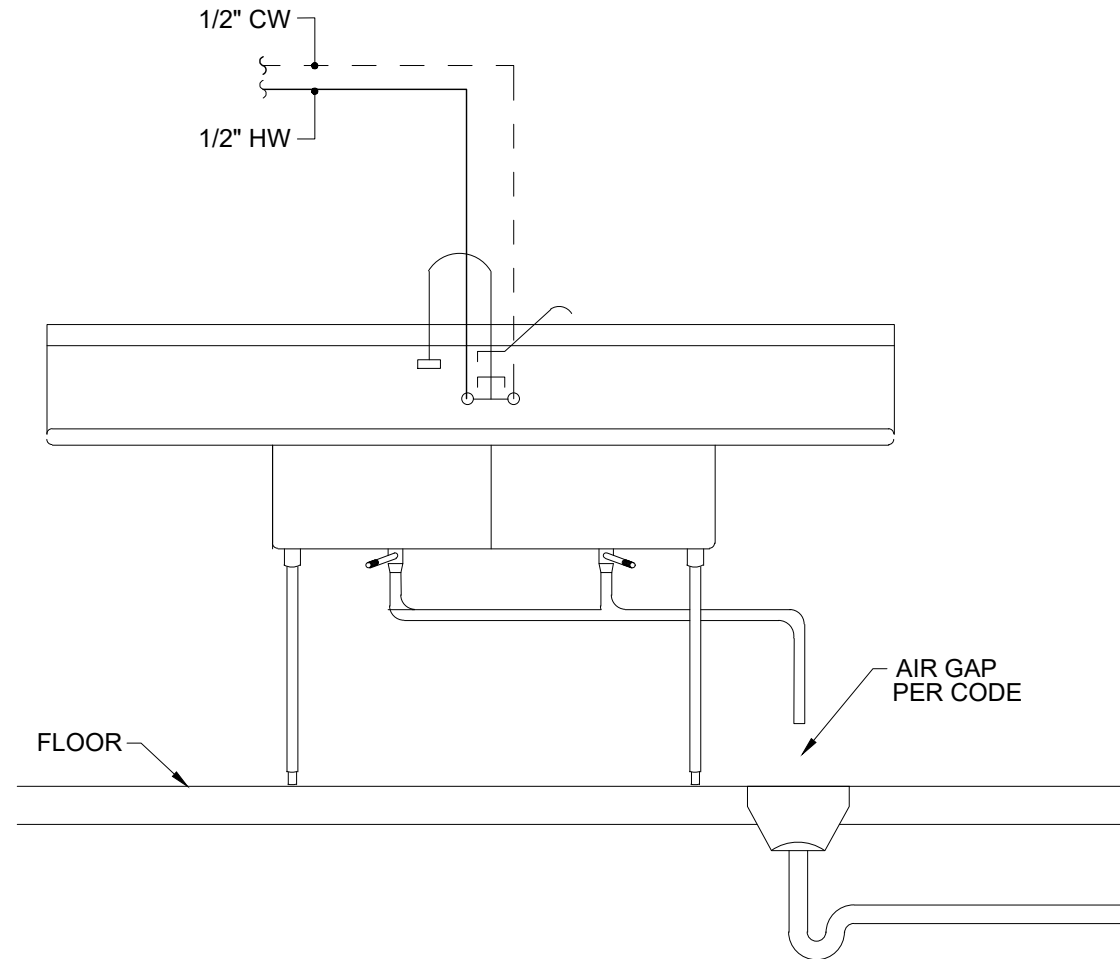
5 PIPE HANGING DETAIL
P4.00 SCALE: N.T.S.



8 PLUMBING VENT THRU ROOF DETAIL
P4.00 SCALE: N.T.S.



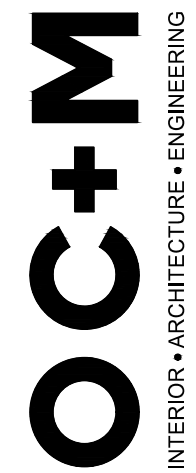
3 TRAP PRIMER DETAIL
P4.00 SCALE: N.T.S.



6 2-COMP SINK DETAIL
P4.00 SCALE: N.T.S.



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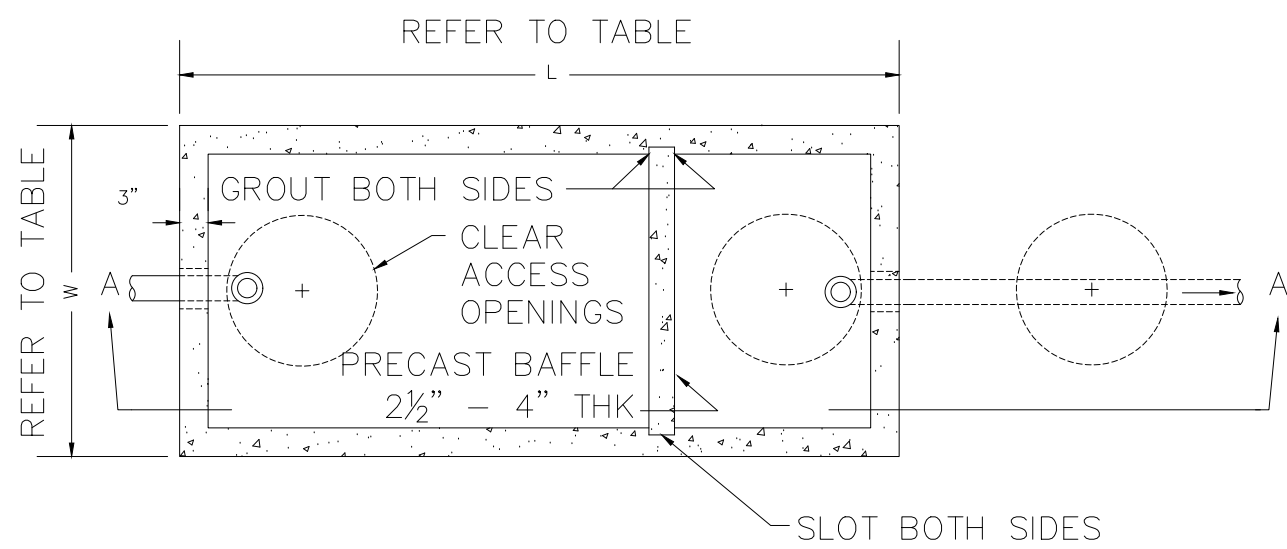
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PLUMBING DETAILS

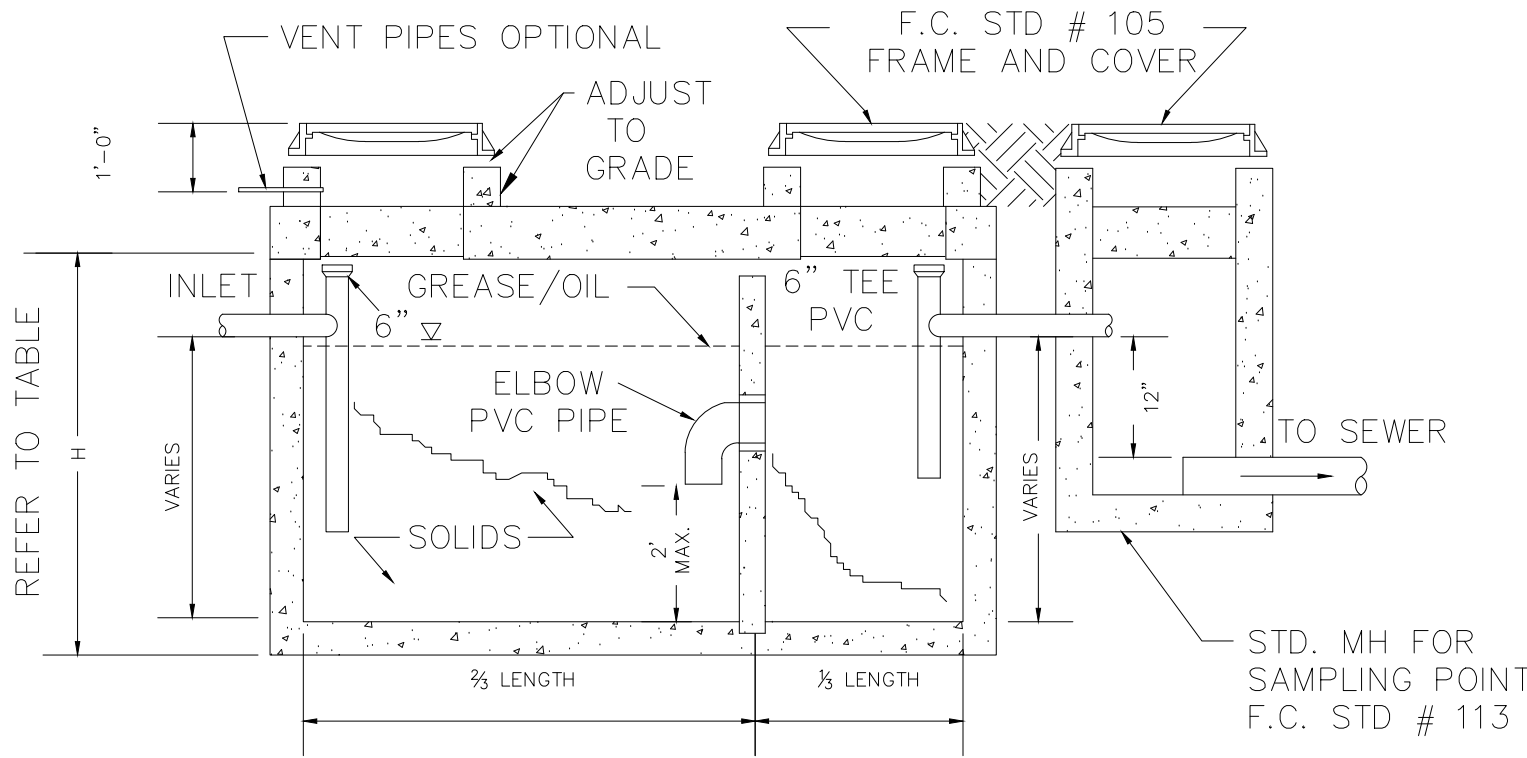
P4.00

FOR CONSTRUCTION

NOTE:
THERE MUST BE MINIMUM 12" (INCHES) INSIDE DROP INSIDE PROPOSED TEST MANHOLE BETWEEN INFLOW AND OUTFLOW PIPE INVERTS.



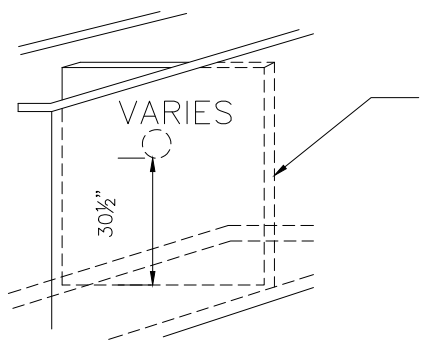
PLAN VIEW
N.T.S.



SECTION A-A
N.T.S.

GALLON CAPACITY	*OUTSIDE DIMENSIONS			INLET TEE HGT.	OUTLET TEE HGT.
	LENGTH	WIDTH	HEIGHT	*VARIES BASED ON TANK SIZE	
3000	15'-7"	9'-7"	8'-6.5"	5'-2"	5'-0"
1500	11'-0"	6'-0"	4'-7"	3'-10"	4'-0"
1000	8'-6"	5'-3"	4'-6"	3'-10"	4'-0"
750	7'-0"	4'-8"	4'-6"	3'-10"	4'-0"

*DIMENSIONS OF PREFAB CONCRETE TANKS MAY VARY BASED ON MANUFACTURER, HOWEVER THE GALLON CAPACITY MUST BE EQUIVALENT TO THE TANK SIZE SPECIFIED FOR INSTALLATION.



BAFFLE STANDS 50" IN HEIGHT AND IS 2 1/2" IN THICKNESS REINFORCED W/ 6-6-10 WIRE MESH
PIPE DIAMETER MAY VARY STANDARD 3"-5"
PVC PIPE REQ'D ON WALL WITH ELBOW TURNED DOWN MAX. 2' OFF TANK BOTTOM
* BAFFLE WALL OPTIONAL ON SINGLE TANK INSTALLATIONS.

BAFFLE WALL *
N.T.S.

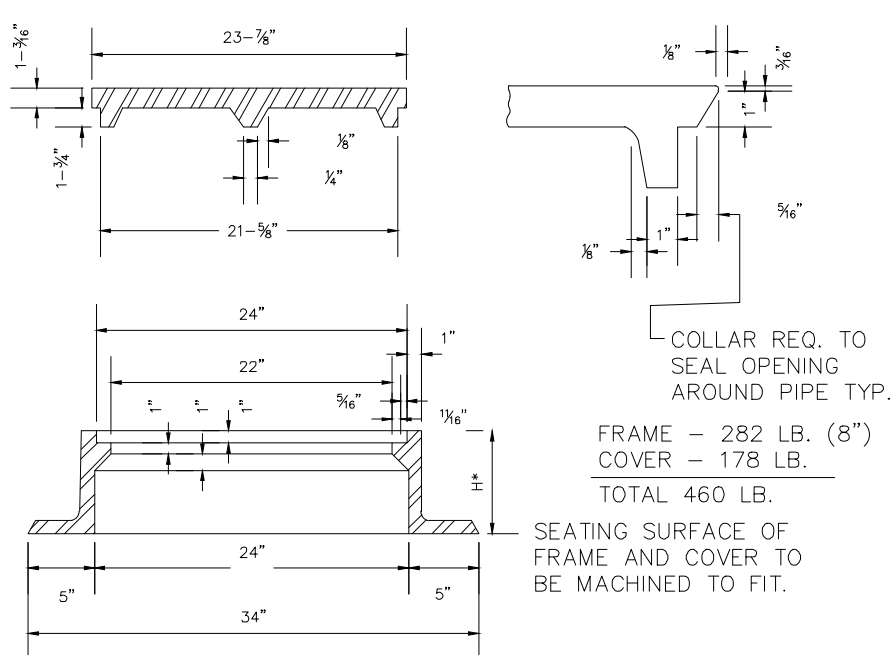
1 FULTON COUNTY STANDARD DETAIL 702
P4.01 SCALE: N.T.S.

NOTE REQUIRED:
CONCRETE STRENGTH TEST MAY BE REQUIRED FOR ALL POURED IN PLACE CONCRETE.

REFER TO STANDARD DETAIL 111A FOR RING AND COVER DETAILS FOR PAVEMENT LOCATIONS AND LANDSCAPE LOCATIONS.

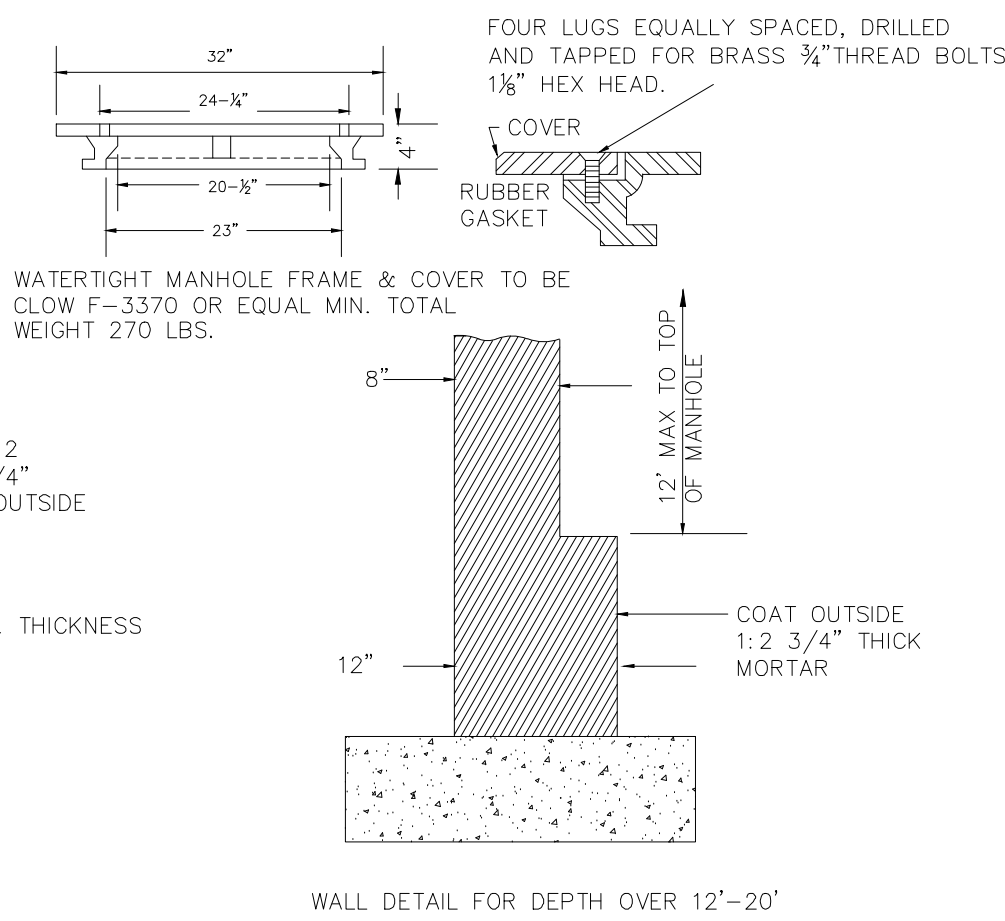
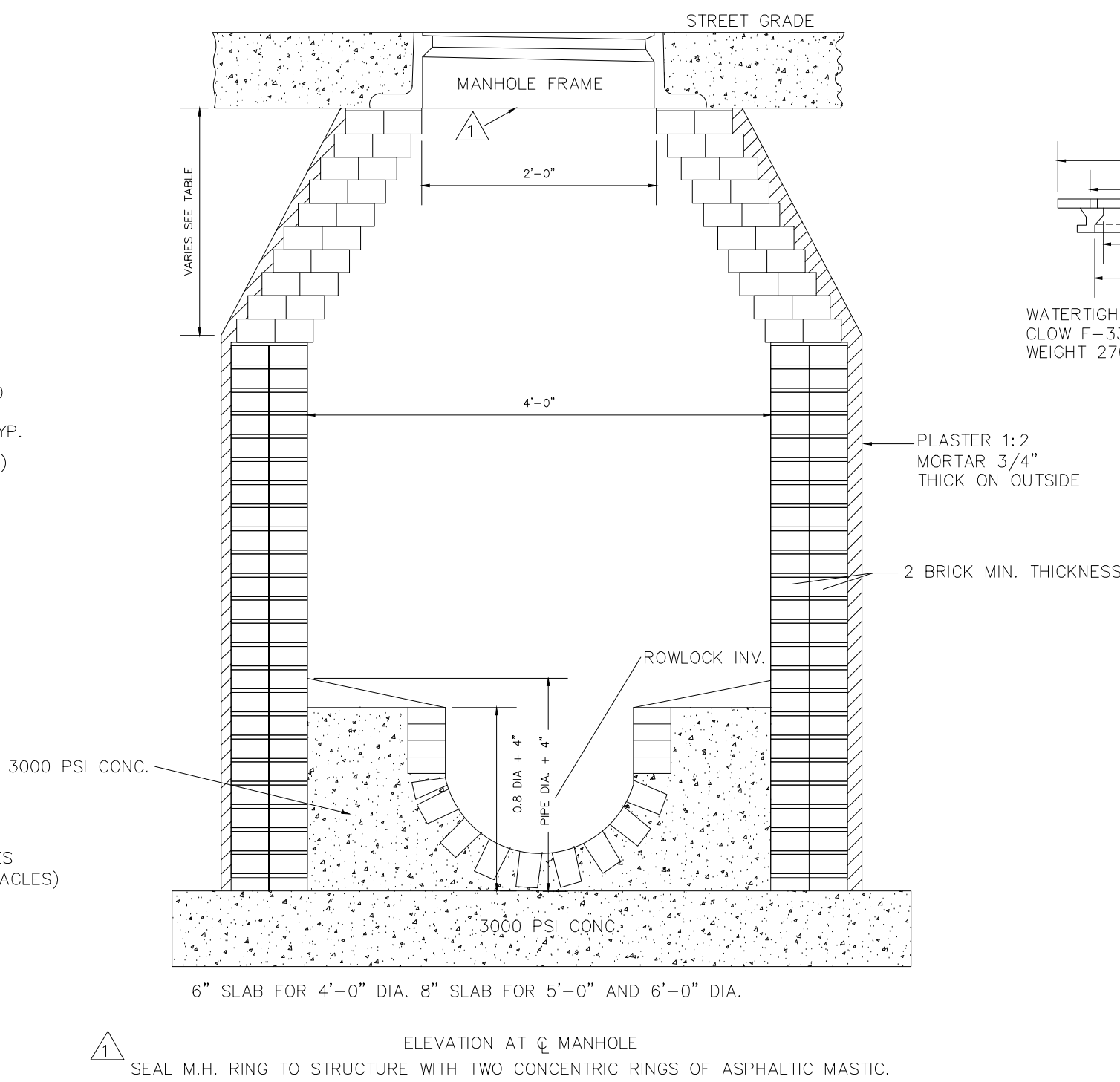
NOTE:
ALL M.H. COVERS ON OUTFALL MH'S OUTSIDE OF ROADWAY R/W TO BE CAST IN PLACE IN CONE SECTIONS OF MHS.
350# FRAMES & COVERS MAY BE USED OUTSIDE OF STREETS AND ROADS.
COVER TO BE SIMILAR TO 460# FRAME TO BE REDUCED IN HEIGHT AND THICKNESS. MANHOLES OUTSIDE R/W SHALL BE 24" ABOVE GRADE.

WATERTIGHT C.I. MANHOLE FRAME AND COVER
CORRUGATION AND 2 PICK HOLE IN COVER, NO PERFORATIONS.
N.T.S.



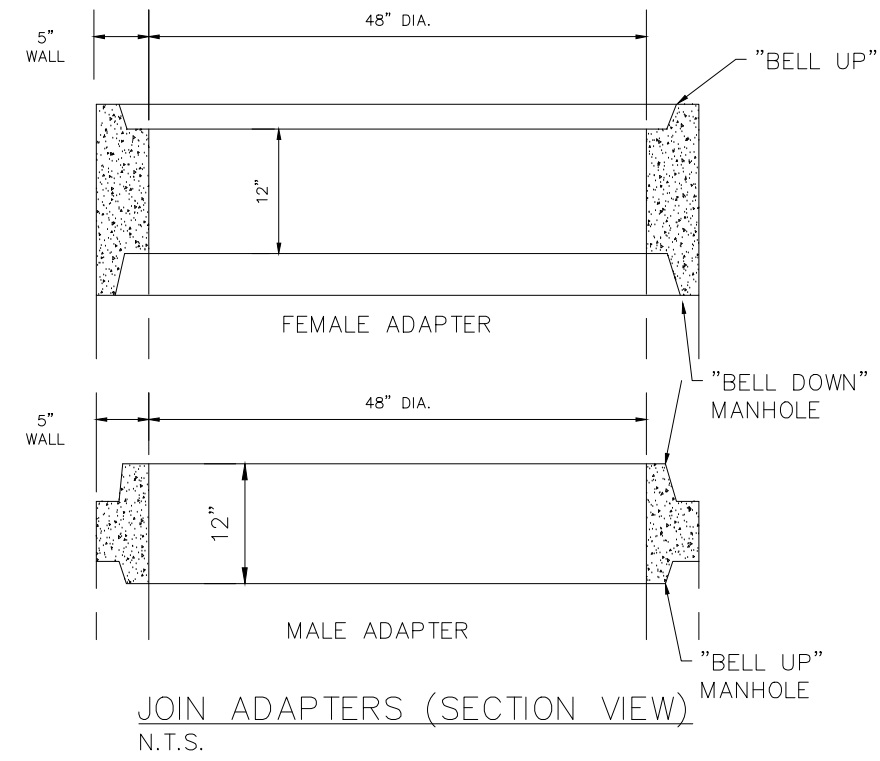
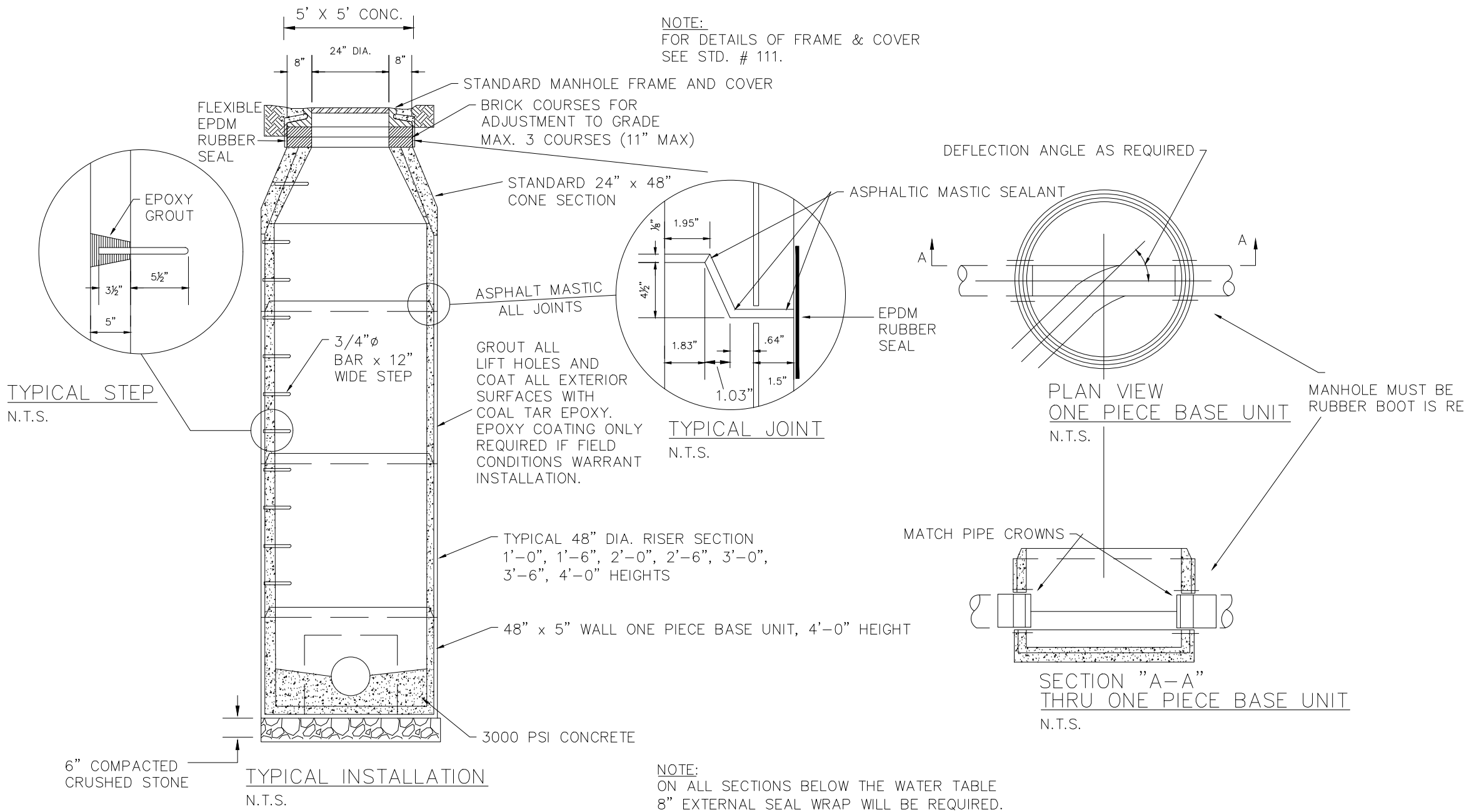
460# M.H. FRAME AND COVER
FOR USE IN STREETS AND ROADS
N.T.S.

NOTES:
1. BRICK MANHOLES SHOULD ONLY BE USED IN SPECIAL CIRCUMSTANCES (WHERE THE USE OF PRECAST SECTORS MAY BE AFFECTED BY OBSTACLES) AND WHEN APPROVED BY COUNTY ENGINEER.



NOTE:
FOR DEPTH OVER 20' INCREASE WALL THICKNESS TO 16"

NOTES:
1. ALL HOLES MUST BE PRECAST.
2. MAXIMUM HOLE SIZE = PIPE O.D. + 4"
3. USE CONCENTRIC CONIC SECTIONS IN RIGHT-OF-WAY.
4. OUTFALL MANHOLES MUST HAVE CAST IN PLACE RINGS.
5. SEE STANDARD NO. 112 FOR MANHOLE DEPTH GREATER THAN 20'.



FOR CONSTRUCTION

2 FULTON COUNTY STANDARD DETAIL 111
P4.01 SCALE: N.T.S.

3 FULTON COUNTY STANDARD DETAIL 113
P4.01 SCALE: N.T.S.



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10-24-2024	PERMIT REVISION

PLUMBING DETAILS

P4.01

WINDWARD PKWY

b+c
STUDIO

LANDSCAPE
ARCHITECTURE
+ PLANNING

WINDWARD PARKWAY ENTRY DESIGN

INFRASTRUCTURE IMPROVEMENTS

August 6, 2025

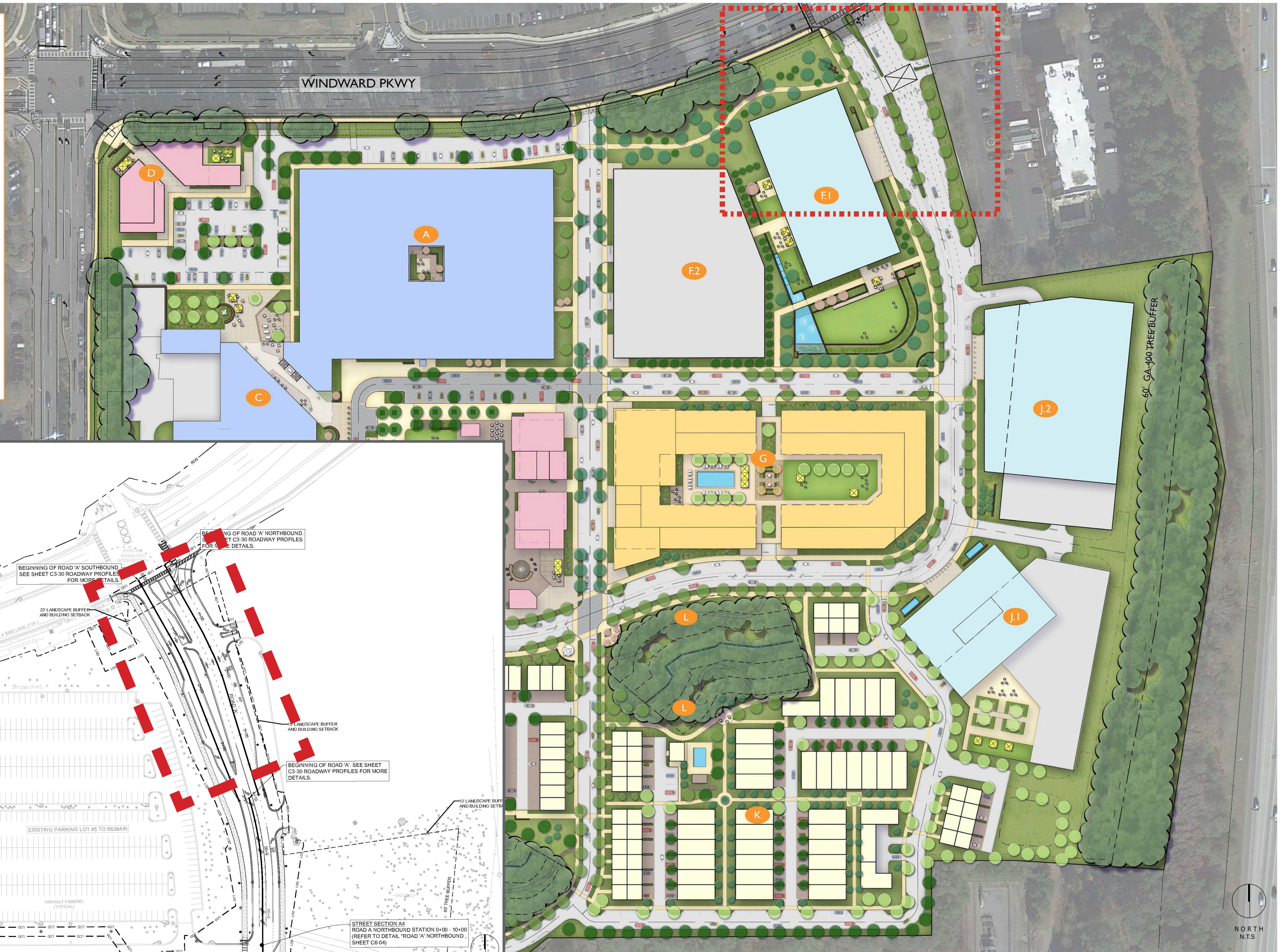
PREPARED FOR: SOUTHWEST VALUE PARTNERS

continuum
ALPHARETTA

60' GA-400 TREE BUFFER

KEY LEGEND

- A EXISTING OFFICE
- B EXISTING OFFICE
- C EXISTING OFFICE
- D OFFICE / RETAIL
- E VILLAGE GREEN/OFFICE / RETAIL
- F.1 OFFICE
- F.2 PARKING DECK
- G 'FOR RENT' RESIDENTIAL /
RETAIL / PARKING DECK
- H 'FOR SALE' RESIDENTIAL
- I PARKING DECK
- J.1 OFFICE / PARKING DECK
- J.2 OFFICE / PARKING DECK
- K 'FOR SALE' RESIDENTIAL
- L MULCH TRAIL





SYMBOL	CODE	QTY	COMMON NAME
AG	19		GLOSSY ABELIA
AH	14		ARKANSAS BLUESTAR
AR	27		AUTUMN ANGEL® ENCORE® AZALEA
CR	6		RED TWIG DOGWOOD
DB	198		JEWEL BOX™ DISTYLIUM
FE	49		ELIJAH BLUE FESCUE
HV3	3		WITCH-HAZEL
HL	49		LIMELIGHT PANICLE HYDRANGEA
IS	8		SHAMROCK INKBERRY HOLLY
IC	4		OAK LEAF HOLLY
LB	20		BANANA CREAM SHASTA DAISY
MS	44		ADAGIO EULALIA GRASS
MSV	17		VARIEGATED MAIDEN GRASS
MC	143		PINK MUHLY GRASS
MD	128		DON'S DWARF WAX MYRTLE
NT	127		MEXICAN FEATHER GRASS
PH	120		HM SWITCH GRASS
PAL	19		LITTLE BUNNY FOUNTAIN GRASS
PAT	12		RUSSIAN SAGE
ROP	74		ROSEMARY
SH	138		PRAIRIE DROPSIED
SM	20		HUMMLO BETONY
VD	32		ARROWWOOD VIBURNUM
VC	1		CHASTE TREE
AGD	35		GOLDEN VARIEGATED SWEETFLAG
CD	5,585 SF		BERMUDAGRASS
CB2	1,145 SF		BLUE ZINGER SEDGE
QUB	130		BLACK MONDO GRASS

SYMBOL	CODE	QTY	COMMON NAME
AL	1		LEGACY SUGAR MAPLE
MAG3	3		SOUTHERN MAGNOLIA
NW	3		WILDFIRE TUPELO
QE	2		HIGHTOWER® WILLOW OAK
QS	8		SHUMARD OAK
TC	1		GREEN WHISPER® BALD CYPRESS
TM	1		SHAWNEE BRAVE™ BALD CYPRESS
TN	1		APACHE CHIEF® BALD CYPRESS
UA	5		WINGED ELM

APPROXIMATE LOCATION OF SOD LIMITS. CONTRACTOR TO CONFIRM AND TIE INTO EXISTING CONDITIONS.

LANDSCAPE BED AREA TO BE CLEANED UP AND FRESH PINESTRAW OR MULCH INSTALLED AS NEEDED







SECTION A

DON'S DWARF WAX MYRTLE



HEAVY METAL SWITCH GRASS



SHUMARD OAK



ADAGIO EULALIA GRASS



AUTUMN ANGEL AZALEA



WINGED ELM



OAK LEAF HOLLY



CHASTE TREE



WILDFIRE TUPELO



LIMELIGHT HYDRANGEA



ARROWWOOD VIBURNUM



PRAIRIE DROPSEED



JEWEL BOX DISTYLIUM



RUSSIAN SAGE



ELIJAH BLUE FESCUE



ADAGIO EULALIA GRASS



JEWEL BOX DISTYLIUM

SECTION B





CHASTE TREE
Vitex angustifolia



APACHE CHIEF BALD CYPRESS
Taxodium distichum
'Apache Chief'

Native



WINGED ELM
Ulmus alata

Native



WILDFIRE TUPELO
Nyssa silvatica 'Wildfire'

Native



GREEN WHISPER BALD CYPRESS
Taxodium distichum
'Green Whisper'

Native



SHUMARD OAK
Quercus shumardii

Native



SOUTHERN MAGNOLIA
Magnolia grandifolia

Native



SHAWNEE BRAVE BALD CYPRESS
Taxodium distichum
'Shawnee Brave'

Native



HIGHTOWER WILLOW OAK
Quercus phellos 'Hightower'

Native



ARKANSAS BLUESTAR
Amsonia hubrichtii



AUTUMN ANGEL ENCORE
AZALEA
Rhododendron 'Robleg'



RED TWIG DOGWOOD
Cornus sericea
Native



MEXICAN FEATHER GRASS
Nassella tenuissimai



JEWEL BOX/BAYOU BLISS
DISTYLIUM
Distylium 'BAYOU BLISS'



ELIJAH BLUE FESCUE
Festuca glauca 'Elijah Blue'



WITCH HAZEL
Hamamelis virginiana
Native



LIMELIGHT HYDRANGEA
Hydrangea paniculata 'Limelight'



BANANA CREAM SHASTA DAISY
Leucanthemum superbum
'Banana Cream'



VARIEGATED MAIDEN GRASS
Miscanthus sinensis 'Variegatus'



DON'S DWARF WAX MYRTLE
Myrica cerifera 'Don's Dwarf'
Native



HEAVY METAL SWITCH
GRASS
Panicum virgatum
'Heavy Metal'
Native



RUSSIAN SAGE
Perovskia atriplicifolia



ROSEMARY
Rosmarinus officinalis



PRAIRIE DROPSEED
Sporobolus heterolepis



HUMMELO BETONY
Stachys monieri 'HummeLo'



ARROWWOOD VIRBURNUM
Viburnum dentatum
'Arrowwood'
Native

NOTE

1. EXISTING CONDITIONS SHOWN HEREON ARE FROM A SURVEY FILE PROVIDED BY GASKINS LEICRAW, DATED 12-15-2020 AND 05-08-2025.
2. EXISTING CONDITIONS SHOWN HEREON ARE ALSO FROM DESIGN FILES FROM UMLEY & HOCH FOR CONTIGUOUS ALPHEARETTA INFRASTRUCTURE AND UTILITY PACKAGE.
3. ALL MEASUREMENTS ARE FROM FACE OF CURB TO FACE OF CURB UNLESS OTHERWISE NOTED. DIMENSIONS WHEREIN ROLL CURB IS PRESENT SHALL BE MEASURED BACK OF CURB TO BACK OF CURB UNLESS OTHERWISE NOTED.
4. SIDEWALK INSTALLED AGAINST BACK OF CURB SHALL BE INSTALLED PER THE PLAN AS MEASURED FROM THE BACK OF CURB.
5. ALL SIGNAGE AND STRIPPING MUST MEET THE LATEST REQUIREMENTS SET FORTH BY MICHIGAN DOT, AND GEORGIA STATE CODE.
6. REFERENCE LANDSCAPE PLANS FOR ALL HARDSCAPE AND LANDSCAPE DETAILS AND SPECIFICATIONS.
7. NO WELLS OR SEPTIC SYSTEMS ARE PROPOSED OR EXIST ON SITE.
8. POSTED SPEED LIMIT: 25 MPH

SITE NOTES

	PROPERTY LINE
	LANDSCAPE BUFFER & BUILDING SETBACK
	HEAVY DUTY ASPHALT PAVEMENT (CITY OF ALPHARETTA TYPE II PAVEMENT SECTION - SEE C6-00 FOR STANDARD DETAIL #901)
	CITY OF ALPHARETTA - STANDARD DUTY PAVEMENT / TYPE I (ALLEYS)
	STANDARD DUTY CONCRETE SIDEWALK
	PERMEABLE PAVERS
	PARKING COUNT

PROJECT

CONTINUUM ALPHARETTA -
TOWNHOMES

1986 WESTSIDE PARKWAY
ALPHARETTA, GA 30004

PIN 22.552011910520, LA
LOT 1190, 2ND DISTRICT

PRELIMINARY NOT FOR CONSTRUCTION	
GSWCC CERT. (LEVEL II)	
0000101695	
DRAWN BY	MK/ESS
DESIGNED BY	MK/ESS
REVIEWED BY	ELS/AD
DATE	06.20.2025
PROJECT NO.	01450200Q
TITLE	
SITE PLAN	
SHEET NUMBER	
C2.00	

AW
ASHTON WOODS®
ROAD, SUITE 300
GEORGIA 30022
PH

PRELIMINARY: NOT FOR CONSTRUCTION

Continuum

Ashton Woods Homes
07/28/2025



Elevation 1 - Proposed

APPROVED BY: _____

DATE: _____

Colors and Materials Building 1

Brick: Stone Mountain
Mortar: Coosa Ivory Buff



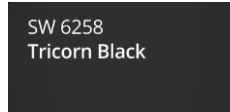
Siding Panels:
Nichiha Vintagewood
Poplar



Trim/Garage Paint Color:
Snowbound SW 7004



Front Door Paint Color:
Tricorn Black SW 6258



Gutters:
Black



Exterior Hardware:
San Clemente Handleset
Matte Black



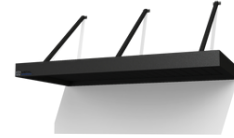
Exterior Lighting:
Black Brennan Wall Sconce



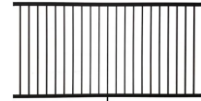
Garage Door:
Wayne Dalton 5145/9405
Camden Panel



Metal Awning



Metal Rail



Windows:
Comfort View - Black



Address Plaque:





Elevation 2 - Proposed

APPROVED BY: _____

DATE: _____

Colors and Materials Building 2

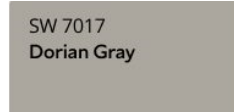
Brick: Stone Mountain
Mortar: Coosa Light Mortar



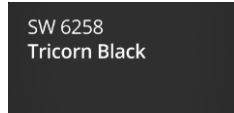
Siding Panels:
Nichiha Vintagewood
Poplar



Trim/Garage Paint Color:
Dorian Gray SW 7017



Front Door Paint Color:
Tricorn Black SW 6258



Gutters:
Black



Exterior Hardware:
San Clemente Handleset
Matte Black



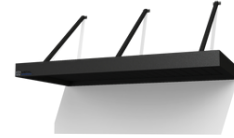
Exterior Lighting:
Black Brennan Wall Sconce



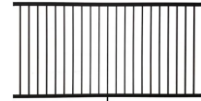
Garage Door:
Wayne Dalton 5145/9405
Camden Panel



Metal Awning



Metal Rail



Windows:
Comfort View - Black



Address Plaque:





Elevation 3 - Proposed

APPROVED BY: _____

DATE: _____

Colors and Materials Building 3

Brick: Stone Mountain
Mortar: Coosa Ivory Buff



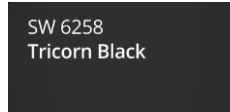
Siding Panels:
Nichiha Vintagewood
Poplar



Trim/Garage Paint Color:
Snowbound SW 7004



Front Door Paint Color:
Tricorn Black SW 6258



Gutters:
Black



Exterior Hardware:
San Clemente Handleset
Matte Black



Exterior Lighting:
Black Brennan Wall Sconce



Garage Door:
Wayne Dalton 5145/9405
Camden Panel



Metal Awning



Metal Rail

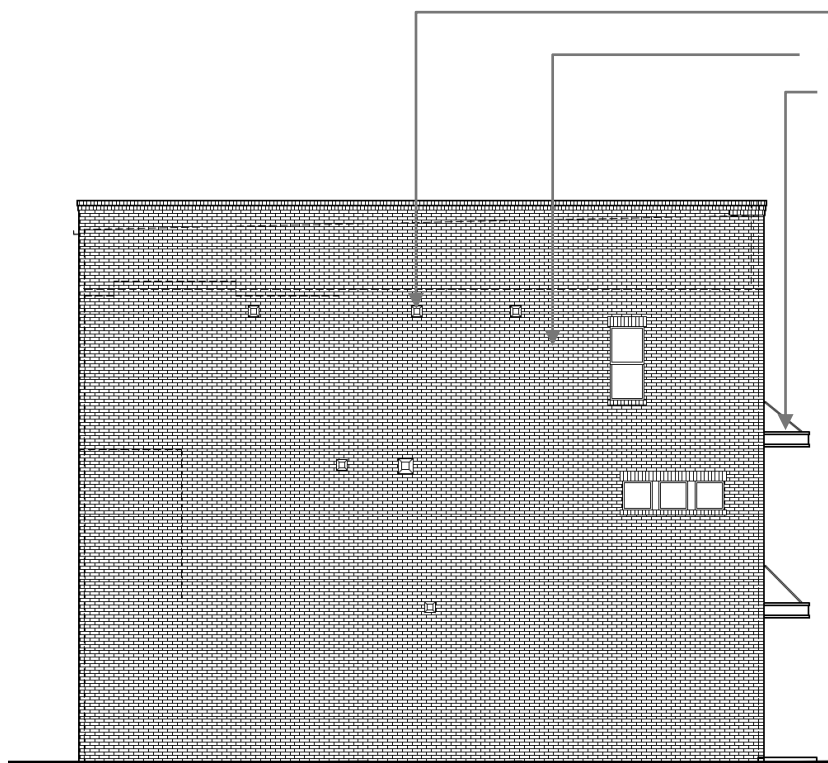


Windows:
Comfort View - Black

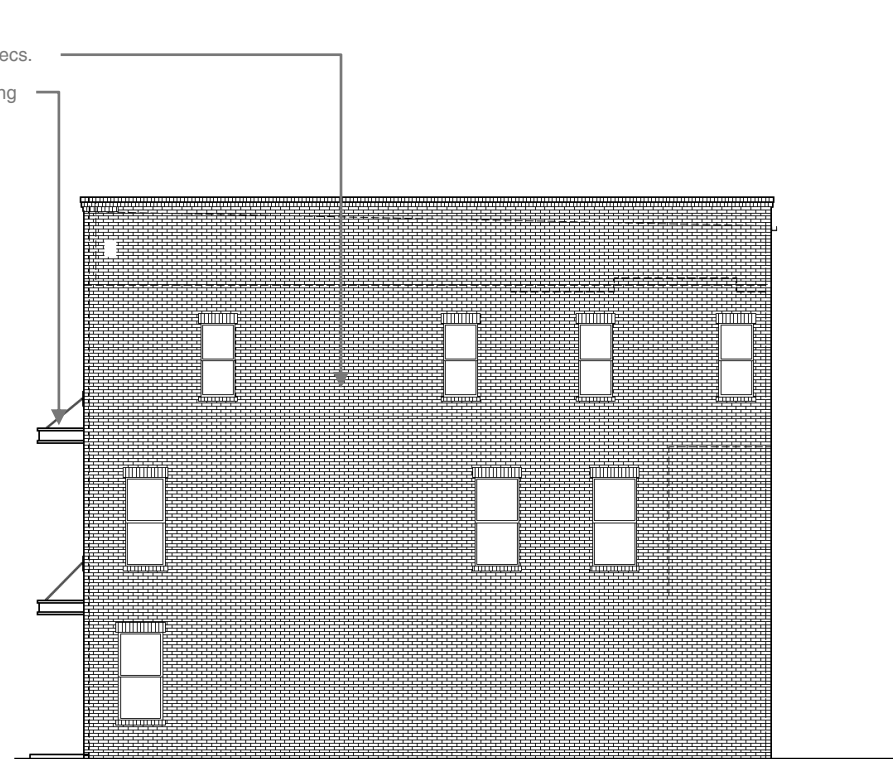


Address Plaque:

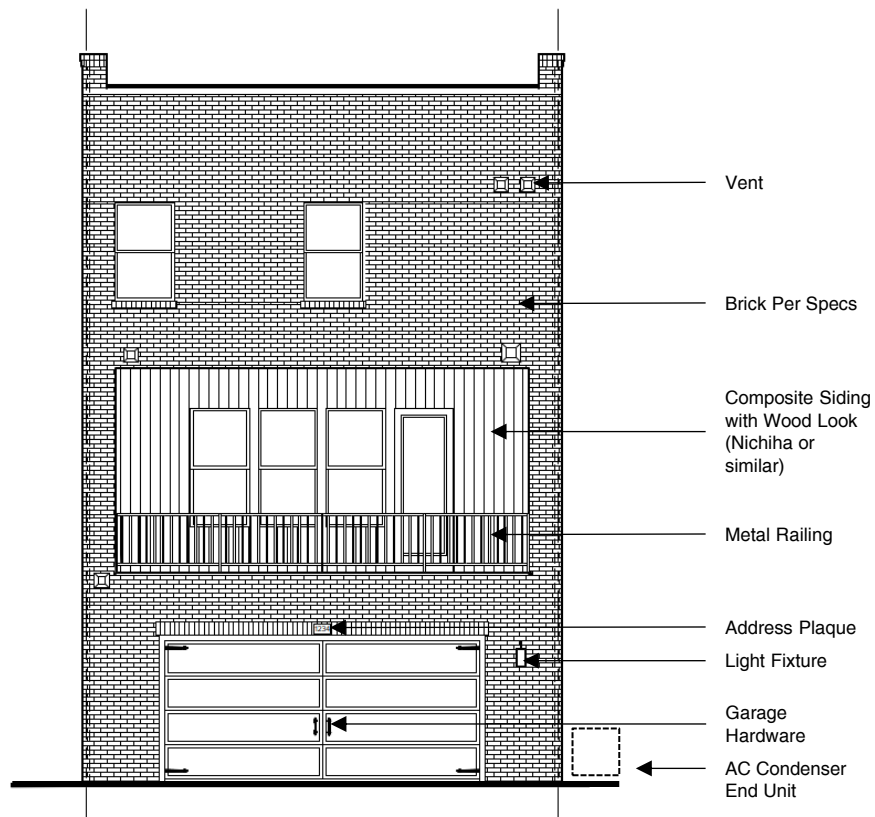
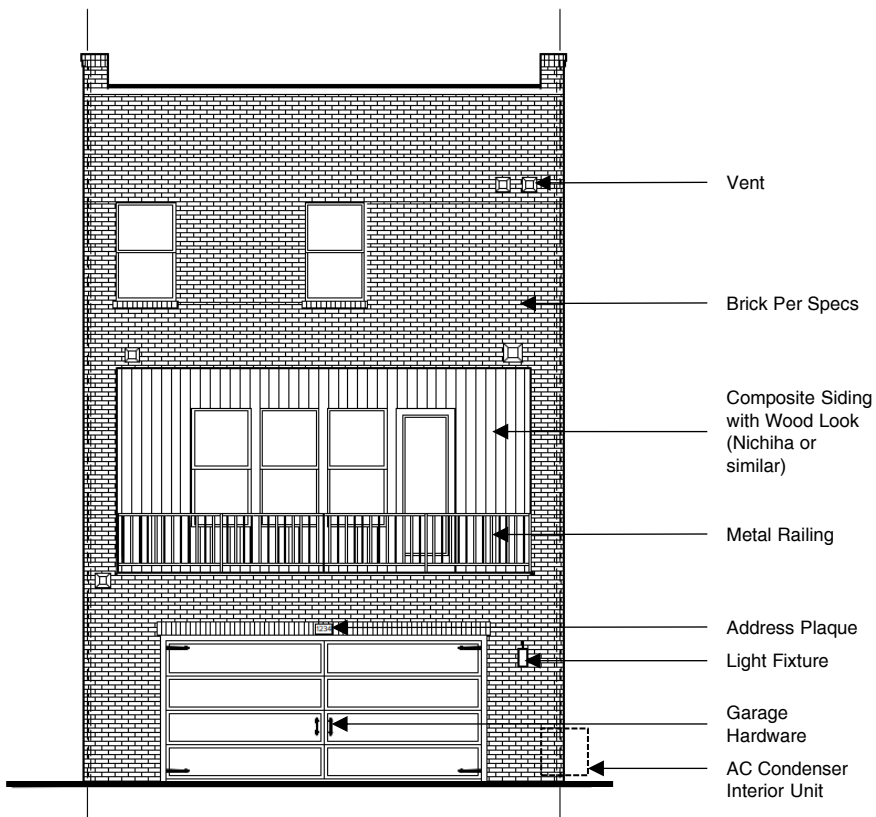




Left Elevation



Right Elevation



Rear Elevation

APPROVED BY: _____

DATE: _____