

FIRST FLOOR PLAN
1/8" = 1'-0"

LIFE SAFETY LEGEND

| | |
|--|---------------------------|
| | TRAVEL PATH |
| | EXIT SIGN |
| | FIRE EXTINGUISHER CABINET |
| | FIRE EXTINGUISHER |
| | EXIT CAPACITY |

LIFE SAFETY LEGEND

| | |
|--|-------------|
| | 2 HR RATING |
| | 1 HR RATING |

FIRE EXTINGUISHERS:
SHALL BE LOCATED PER THE REQUIREMENTS OF NFPA 10. THE SIZE SHALL BE A MINIMUM OF 2_A_10_BC_ IS/ARE REQUIRED AND SHALL BE INSTALLED AT A MAXIMUM OF 48" ABOVE THE FINISHED FLOOR TO THE TOP OF THE HANDLE. (ONE EXTINGUISHER IN EACH SPACE)

TENANT SEPARATION WALLS:
ARE TO BE ONE HOUR FIRE RATED CONSTRUCTION THAT EXTENDS FROM THE FLOOR TO THE UNDERSIDE OF THE ROOF OR FIRE RATED FLOOR DECK WITH ALL OPENINGS SEALED TIGHT PER THE 2012 GWINNETT COUNTY ORDINANCE FOR FIRE PREVENTION AND PROTECTION ORDINANCE SECTION 46-41

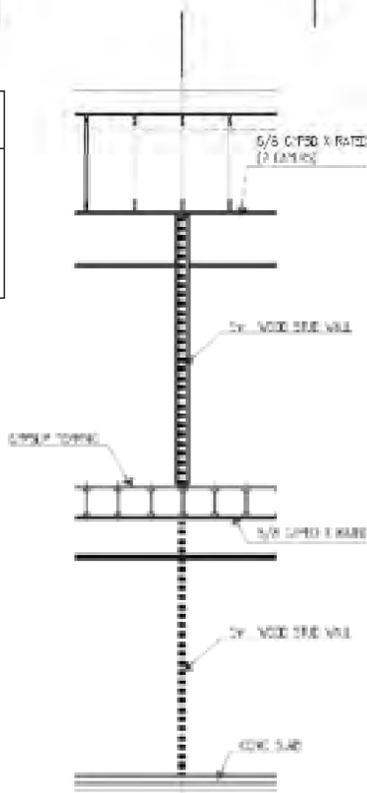
IDENTIFICATION OF FIRE BARRIERS:
SHALL BE BY SIGNS OR STENCILING PERMANENTLY INSTALLED ON ALL RATED BARRIERS OR WALLS, ABOVE ANY DECORATIVE CEILING AND/OR IN CONCEALED SPACES. THE LETTERING SHALL BE 2" IN HEIGHT AND SPACED EVERY 12 FT. THE FOLLOWING WORDING IS RECOMMENDED "1-2 HOUR FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS"

DOOR HARDWARE:
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 LOCKS:
IF PROVIDED, SHALL NOT REQUIRE THE USE OF A KEY, A TOOL, OR SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION FROM THE EGRESS SIDE. NFPA 101 LIFE SAFETY CODE, SECTION 7.2.1.5.3, 2012 EDITION.

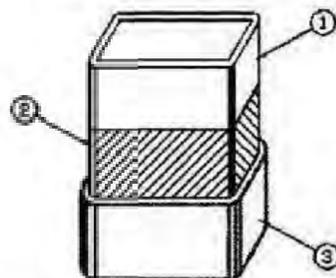
STAIRS:
SHALL BE SOLID WITH NO PERFORATIONS, NOSINGS OR OPEN RISERS WIDE WITH TREADS A MINIMUM OF 11" DEEP AND RISERS A MAXIMUM OF 7" HIGH WITH A MAXIMUM HEIGHT BETWEEN LANDINGS NOT TO EXCEED 12 FEET. NFPA LIFE SAFETY CODE SECTION 7.2.2 AND TABLE 7.2.2.1.1(A)

HANDRAIL DETAILS:
NEW HANDRAILS ON STAIRS AND RAMPS SHALL BE PROVIDED ON BOTH SIDES AND SHALL NOT BE LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES, ABOVE THE SURFACE OF THE TREAD, MEASURED VERTICALLY TO THE TOP OF THE RAIL FROM THE LEADING EDGE OF THE TREAD. NFPA LIFE SAFETY CODE 2012 EDITION SECTION 7.2.2.4 AND THE 2010 ADA ACCESSIBLE DESIGN.



TYP DEMISING WALL

Design No. X664
January 07, 2004
Ratings - 1, 1-1/2, 2, and 3 Hr. (See Item 3 and 4)



- Steel Tube Columns - Hollow structural steel columns with the minimum sizes shown in the table below. Columns shall be free of dirt, loose scale and oil.
- Primer Coating - Two Component Epoxy or Phenolic Modified Alkyd applied at 0.008 in. dry film thickness.
- Marine & Industrial Coating - Coating spray or brush applied in accordance with the manufacturer's instructions at the minimum average dry thickness shown in the table below. The thickness shown does not include primer thickness.

| Size | A/P | 1 Hr. | 1-1/2 Hr. | 2 Hr. | 3 Hr. |
|-----------|------|-------|-----------|-------|-------|
| 18x18x1/2 | 0.24 | 0.073 | 0.226 | 0.367 | NR |
| 18x18x3/4 | 0.34 | 0.077 | 0.226 | 0.367 | NR |

REMARKS: - TYPE THERMO-SORB Investigated for Interior, Conditioned Space and Interior General Purpose.

- Carbon Fiber Mesh - (Optional, Not Shown) For three hour rating, Nom. 3/16 in. by 2 1/2 in. 3000 using yellow carbon fiber mesh to cover the entire surface. The depth at which the reinforcing mesh is placed shall be approximately 0.120 inches from the steel substrate.
- Fire Coat - (Not Shown) - Finishes required for Interior Conditioned Space. Finishes required for Interior General Purpose, Type Sheeton Williams (patron II) or Fire Coat Type 9809 applied at 0.008 in. dry film thickness.

COLUMNS FIRE PROFF'G @ STOREFRONT

Gypsum Wallboard Column Fireproofing (CAD FILE NAME GOLDKIDWG OR GOLDKIDFI)

| No. Fire Rating | Ref. | Design No. | Description |
|-----------------|-------|--------------|--|
| 1 Hr. | UI GA | X578 GM 1452 | Two layers of 1/2" (12.7 mm) Fire-Shield G Wallboard furred from 1.5"x4"x108 tubular steel column by 1.5"x3" (38.3 mm) steel stud each corner. |

COLUMNS FIRE PROFF'G @ '2" LINE

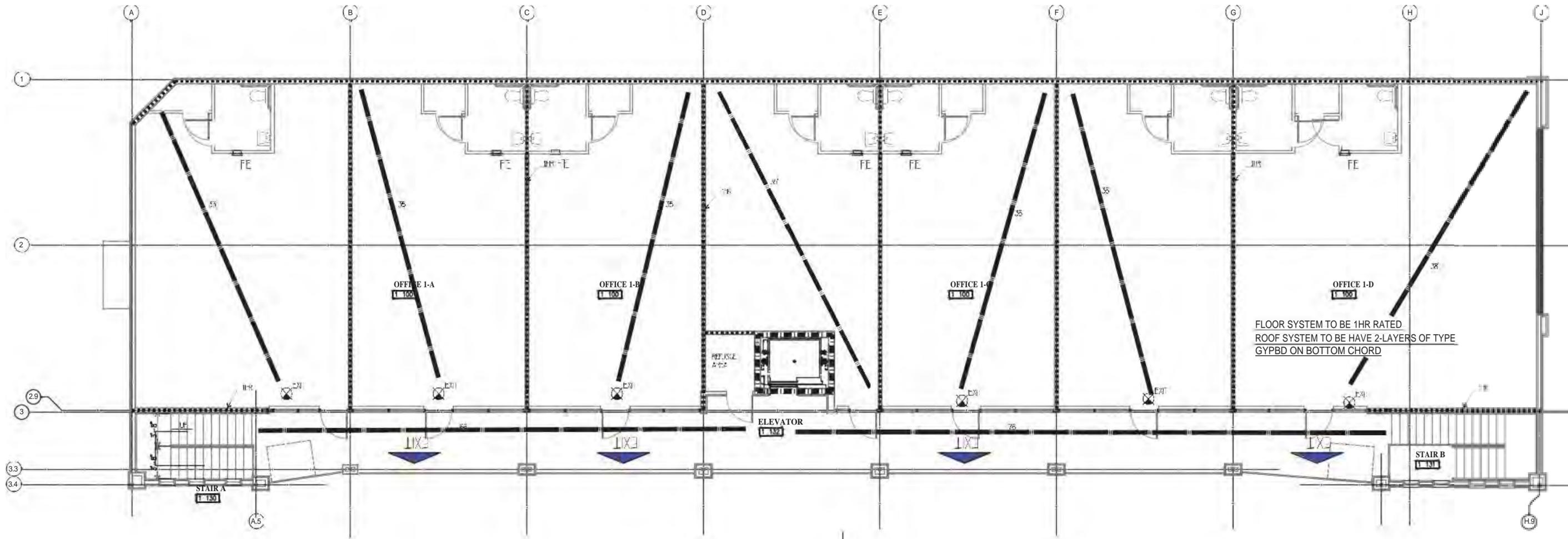
ADDITIONAL CODE INFORMATION:
CONSTRUCTION PERISH CONCRETE FLOOR SLAB, WOOD STUD WALLS, ALUMINUM STRUCTURE, SILCOG & STONE FINISH ON "DENSE GLASS" SHIELDING GLASS JOBS. 1/2" MINUS-100R W/ 1" CONCRETE TOPPING, WOOD BRUSS ROOF FRAMING W/ GLASS W/ ROOFING AND INSULATION.
COLUMN: ASSEMBLY 'A01' & BUSINESS 'B'
STAIR: BRIDGE 6200 / FL. OF 1000 / 0.5 (100) PER PL. U.S.A.L.
CONSTRUCTION TYPE 'A-A' PER TABLE B01
FIRE RATINGS BY PER TABLE B01

GWINNETT COUNTY
Department of Planning and Development
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Sep 02, 2020
AUTHORIZED

BLD2020-04937

ADDED NOTES, WALL SECTION, & FIRE RATINGS





SECOND FLOOR PLAN

1/8" = 1'-0"

| LIFE SAFETY LEGEND | |
|--------------------|---------------------------|
| | TRAVEL PATH |
| | EXIT SIGN |
| | FIRE EXTINGUISHER CABINET |
| | FIRE EXTINGUISHER |
| | EXIT CAPACITY |

| LIFE SAFETY LEGEND | |
|--------------------|-------------|
| | 2 HR RATING |
| | 1 HR RATING |

FIRE EXTINGUISHERS:
SHALL BE LOCATED PER THE REQUIREMENTS OF NFPA 10. THE SIZE SHALL BE A MINIMUM OF 2...A...10...BC...IS/ARE REQUIRED AND SHALL BE INSTALLED AT A MAXIMUM OF 48" ABOVE THE FINISHED FLOOR TO THE TOP OF THE HANDLE. (ONE EXTINGUISHER IN EACH SPACE)

TENANT SEPARATION WALLS:
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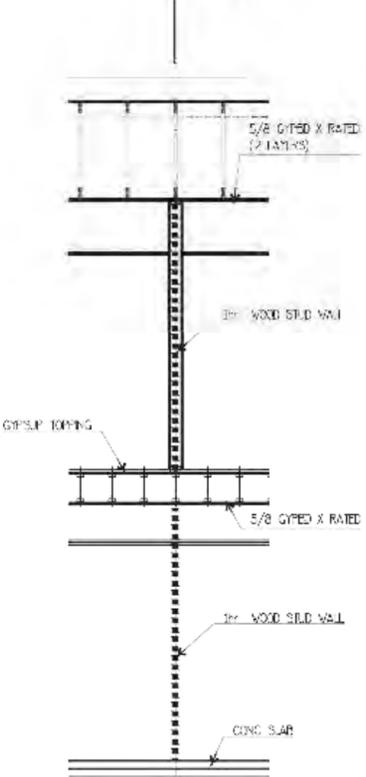
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DOOR HARDWARE:
HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS, PUSH-TYPE MECHANISMS, AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. GEORGIA ACCESSIBILITY CODE.

DOOR LOCKS:
IF PROVIDED, SHALL NOT REQUIRE THE USE OF A KEY, A TOOL, OR SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION FROM THE EGRESS SIDE. NFPA 101 LIFE SAFETY CODE, SECTION 7.2.1.5.3, 2012 EDITION.

STAIRS:
SHALL BE SOLID WITH NO PERFORATIONS, NOSINGS OR OPEN RISERS WIDE WITH TREADS A MINIMUM OF 11" DEEP AND RISERS A MAXIMUM OF 7" HIGH WITH A MAXIMUM HEIGHT BETWEEN LANDINGS NOT TO EXCEED 12 FEET. NFPA LIFE SAFETY CODE SECTION 7.2.2 AND TABLE 7.2.2.1.1(A)

HANDRAIL DETAILS:
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TYP DEMISING WALL

NIS

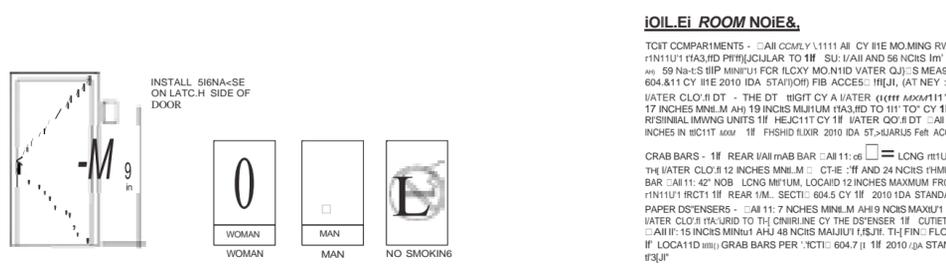
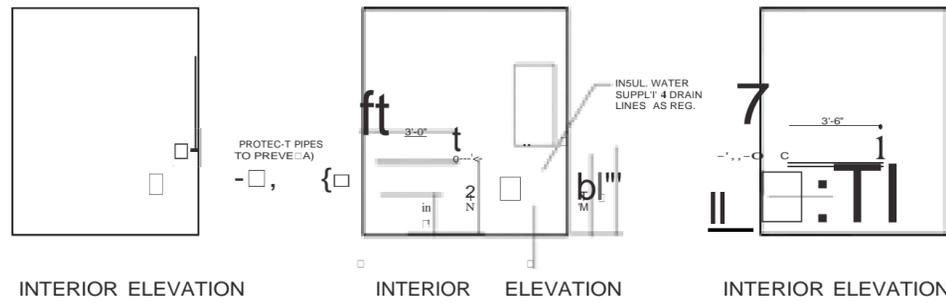
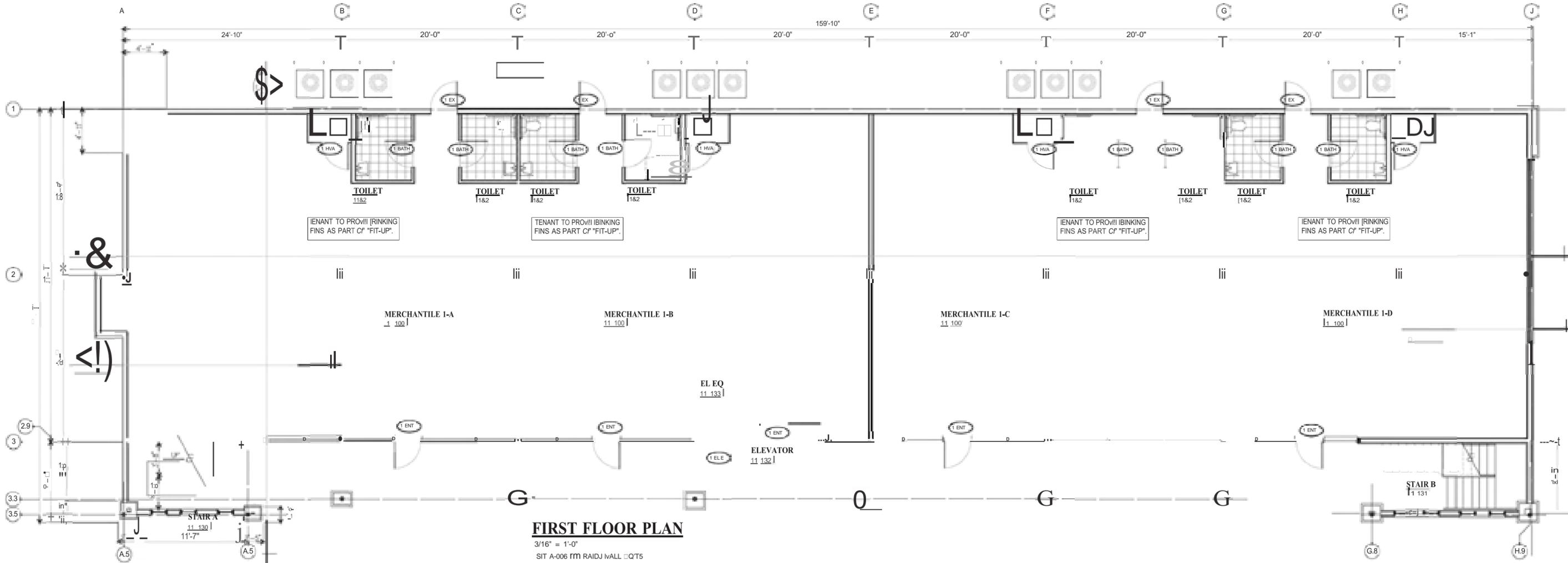
GWINNETT COUNTY
Department of Planning and Development
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Sep 02, 2020
AUTHORIZED

1 ADDED NOTES, WALL SECTION, & FIRE RATINGS

BLD2020-04937

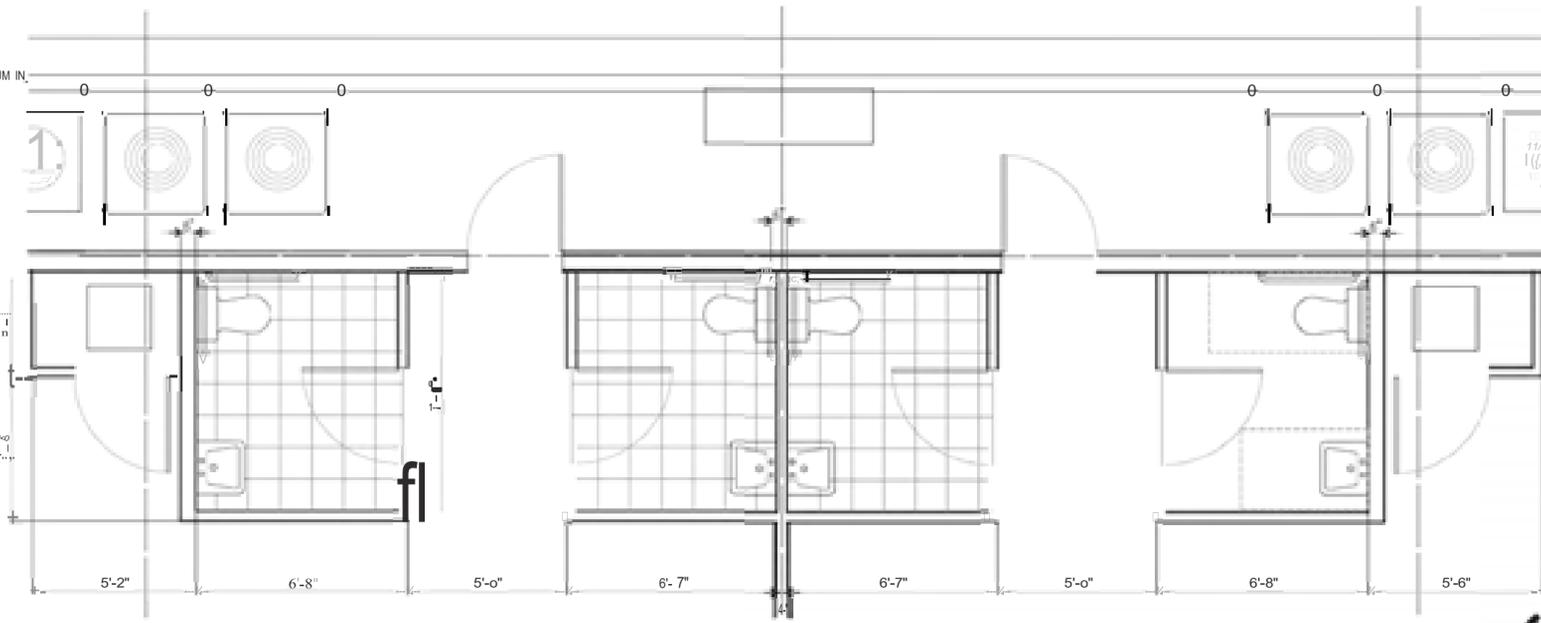


JIMMY CARTER CONV. STORE
JIMMY CARTER CONV. STORE
2nd FLR LIFE SAFETY PLAN
FA Design Group, Inc.
A-007



TOILET ROOM SIGNAGE SCHEDULE

| NO. | DESCRIPTION | MANUFACTURER | FINISH | NOTES |
|-----|-------------|----------------------------|-----------------------|-------|
| 1 | MIRROR | RELIQUET - HOBB 781 SERIES | STAINLESS STEEL FRAME | |
| 2 | TOILET | TOILET | TOILET | |
| 3 | TOILET | TOILET | TOILET | |
| 4 | TOILET | TOILET | TOILET | |
| 5 | TOILET | TOILET | TOILET | |
| 6 | TOILET | TOILET | TOILET | |
| 7 | TOILET | TOILET | TOILET | |
| 8 | TOILET | TOILET | TOILET | |
| 9 | TOILET | TOILET | TOILET | |
| 10 | TOILET | TOILET | TOILET | |
| 11 | TOILET | TOILET | TOILET | |
| 12 | TOILET | TOILET | TOILET | |
| 13 | TOILET | TOILET | TOILET | |
| 14 | TOILET | TOILET | TOILET | |
| 15 | TOILET | TOILET | TOILET | |
| 16 | TOILET | TOILET | TOILET | |
| 17 | TOILET | TOILET | TOILET | |
| 18 | TOILET | TOILET | TOILET | |
| 19 | TOILET | TOILET | TOILET | |
| 20 | TOILET | TOILET | TOILET | |



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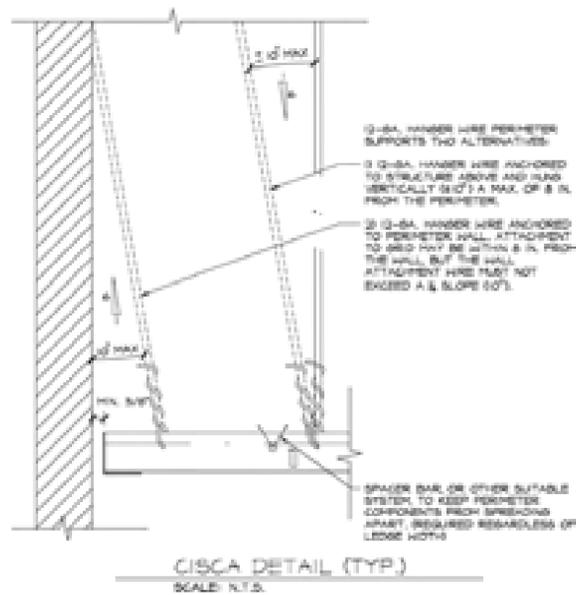
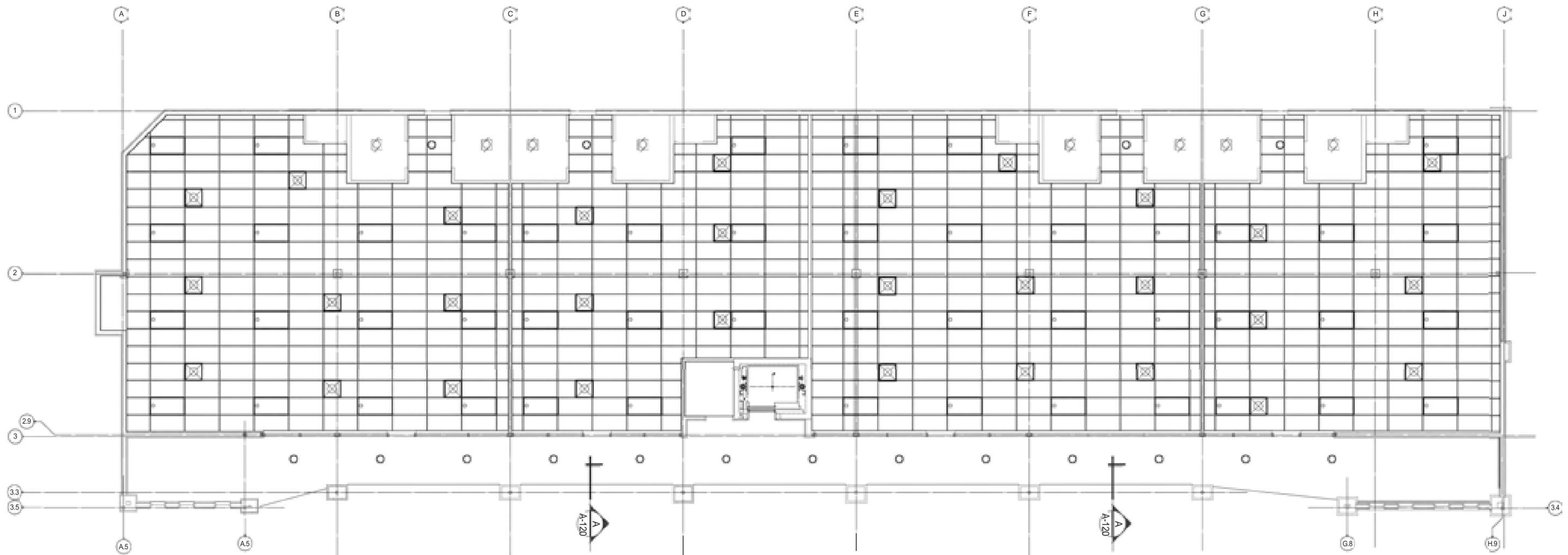
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JIMMY CARTER CONY STORE
 FIRST FLOOR PLAN

7JA Design Group, Inc.
 4101

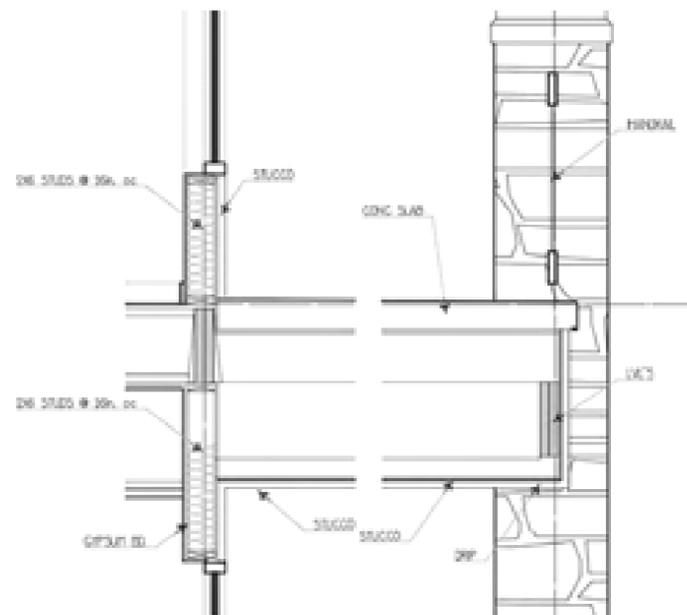
BLD2020-04937



TO BE INSTALLED TO COME RECOMMENDATIONS FOR AREA SUBJECT TO LIGHT TO PROMOTE SEISMIC ACTIVITY.

PERIMETER 1/2" WALL FOLDING GRID MUST NOT BE ATTACHED TO THE WALL FOLDING PERIMETER 1/2" CLEARANCE ON ALL SIDS.

PERIMETER 1/2" OVERLAP OF GRID ON THE WALL FOLDING ENDS OF FISH BEAMS AND CROSS BEES MUST BE TIED TOGETHER TO PREVENT SPREADING. SAFETY WIRES REQUIRED ON LIGHT FIXTURES.



WALKWAT DETAIL
 A-120

| REFLECTED CEILING PLAN LEGEND | | | |
|---------------------------------|--------------------------------|---|-----------------------|
| FLUORESCENT LIGHT (2'-0"x4'-0') | EXIT LIGHT | CEILING MTD MICROPHONE | RETURN/EXHAUST GRILLE |
| FLUORESCENT LIGHT (2'-0"x2'-0') | ACCESS PANEL (1'-0"x1'-0" UNO) | SPRINKLER HEADS CONCEALED | LINEAR DIFFUSER |
| DOWNLIGHT | SMOKE DETECTORS | SPRINKLER HEADS SEMI RECESSED | SUPPLY AIR DIFFUSER |
| PENDANT LIGHT | SPEAKERS | SPRINKLER HEADS WALL MOUNT | DECORATIVE TSS |
| WALL WASH LIGHT | FIRE ALARM/HORN/STROBE | SPRINKLER HEADS CEILING MOUNT | RECESSED HALOGEN |
| STRIP LIGHTS | SECURITY CAMERA | WALL MOUNTED EXT LIGHT (SEE MECHANICAL) | GYPSUM BOARD CEILING |
| WALL MOUNT LIGHT | CLOSED CIRCUIT | | A.C.T. CEILING TILE |
| WALL SCENE | | | |

GWINNETT COUNTY
 Department of Planning and Development

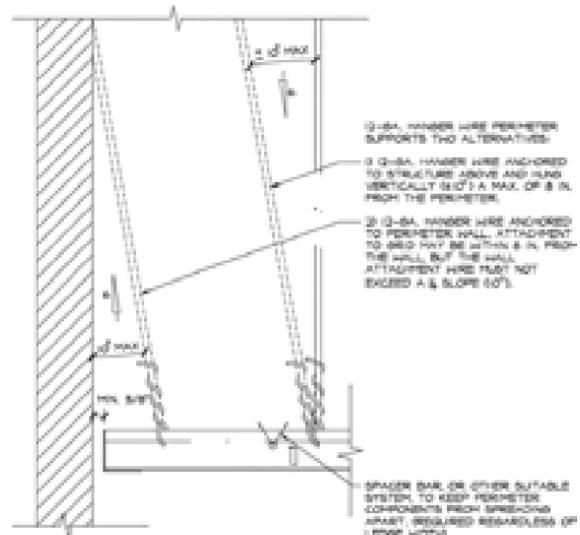
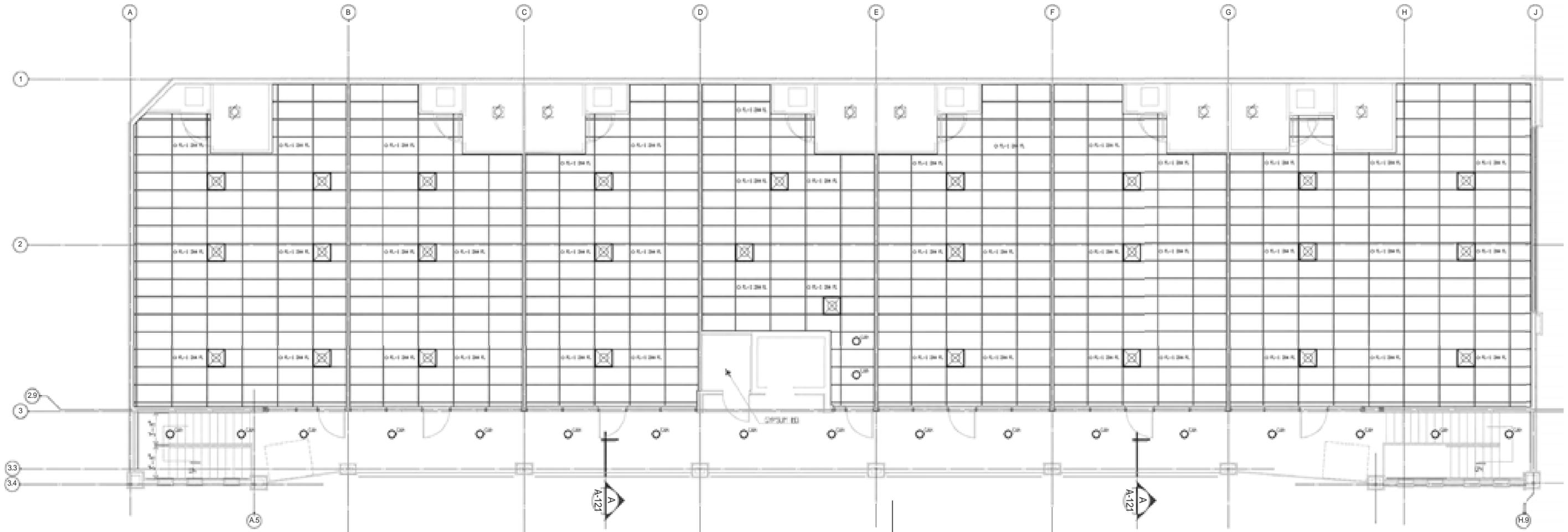
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Sep 02, 2020
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BLD2020-04937

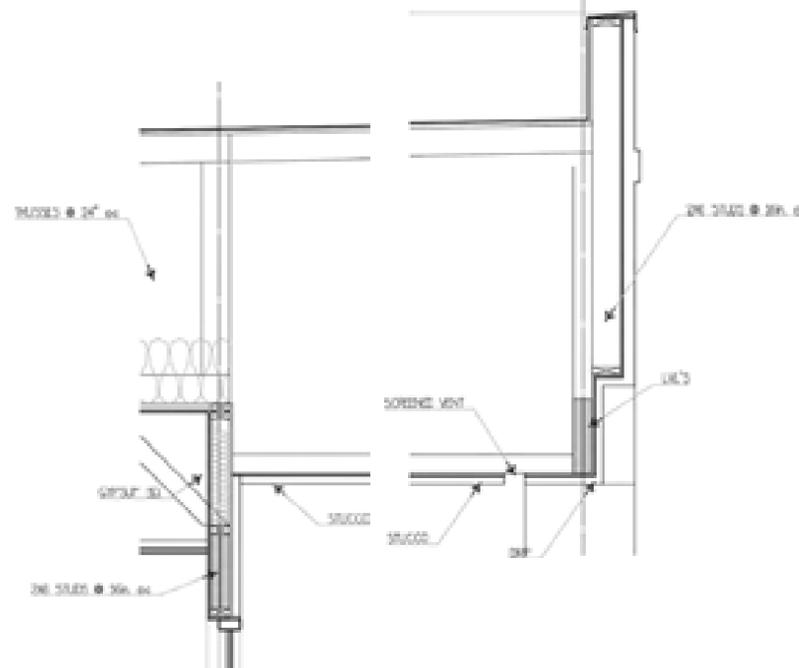
JIMMY CARTER COUNTY STORE
 1st FLR REF'D CLG PLAN
 JFA Design Group, Inc.
 A-121



CISCA DETAIL (TYP)
SCALE: N.T.S.

TO BE INSTALLED TO CISCA RECOMMENDATIONS FOR AREAS SUBJECT TO LIGHT TO MODERATE SEISMIC ACTIVITY.

PERFORM 1/2" WALL FOLDING GRID MUST NOT BE ATTACHED TO THE WALL FOLDING PERFORM 1/2" CLEARANCE ON ALL SECS PERFORM 1/2" OVERLAP OF GRID ON THE WALL FOLDING END OF FOUR BEAMS AND CROSS BEES MUST BE TIED TOGETHER TO PREVENT SPREADING SAFETY WIRES REQUIRED ON LIGHT FIXTURES.



WALKWAT DETAIL
A-121

| REFLECTED CEILING PLAN LEGEND | | | |
|-------------------------------|--------------------------------|--|-----------------------------|
| FLUORESCENT LIGHT (2'0"x4'0') | EXIT LIGHT | CEILING MTD MICROPHONE | RETURN/EXHAUST GRILLE |
| FLUORESCENT LIGHT (2'0"x2'0') | ACCESS PANEL (7'-0"x7'-0" UNO) | SPRINKLER HEADS CONCEALED | LINEAR DIFFUSER |
| DOWNLIGHT | SMOKE DETECTORS | SPRINKLER HEADS SEMI RECESSED | SUPPLY AIR DIFFUSER |
| PENDANT LIGHT | SPEAKERS | SPRINKLER HEADS WALL MOUNT | DECORATIVE TSS |
| WALL WASH LIGHT | FIRE ALARM/HORN/STROBE | SPRINKLER HEADS CEILING MOUNT | RECESSED HALOGEN |
| STRIP LIGHTS | SECURITY CAMERA | WALL MOUNTED EXIT LIGHT (SEE MECHANICAL) | CYPRUM BOARD CEILING |
| WALL MOUNT LIGHT | CLOSED CIRCUIT | | EXIT LIGHT (SEE MECHANICAL) |
| WALL SCONCE | | | A.C.T. CEILING TILE |

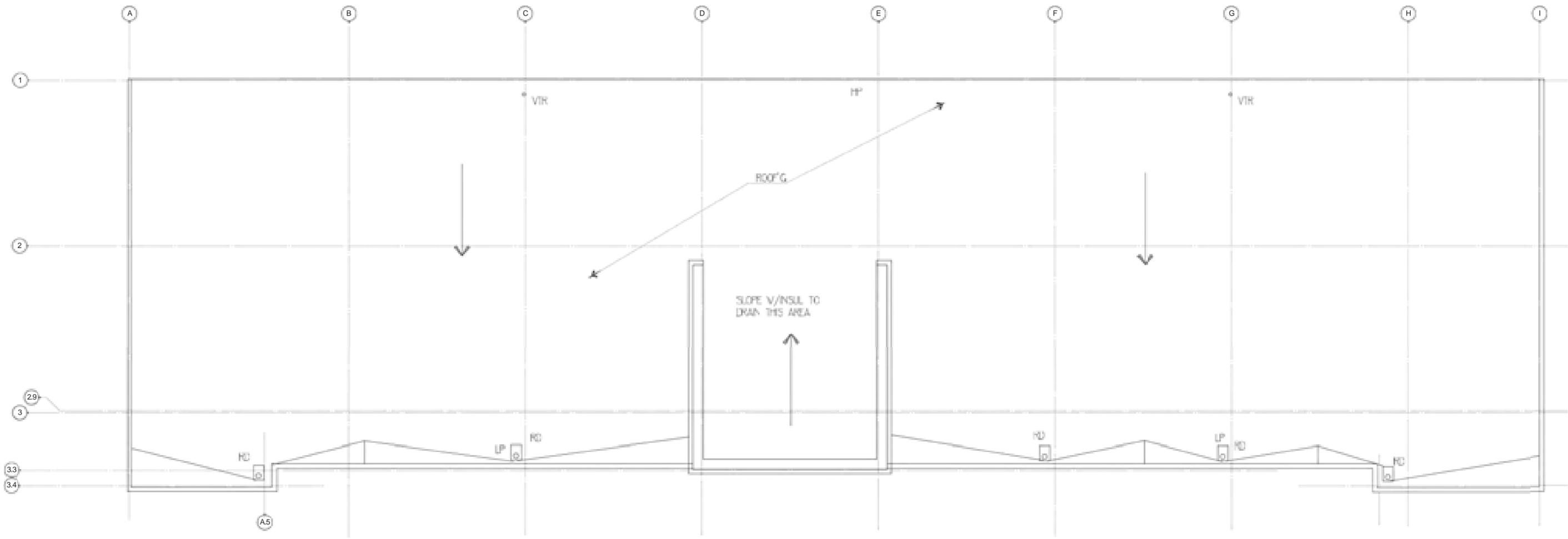
- REFLECTED CEILING PLAN NOTES**
- LEVEL 1 OVB-AC CEILING AT 11'-0" IS CONTINUOUS, WITH THE EXCEPTION OF ENCLOSING STEEL BEAMS AND LOAD BEARING WALLS ABOVE ALL ACT AND OVB-CLG CEILING.
 - LEVEL 2, 3 AND 4 OVB-CLG CEILING AT 8'-0" IS CONTINUOUS ABOVE ACT CEILING WITH THE EXCEPTION OF LOAD BEARING WALLS.
 - REFER TO MEP DWGS FOR ADDITIONAL LIGHT, HVAC AND PLUMBING FIXTURE TYPES AND SPECIFICATIONS.
 - SEE ENLARGED GUESTROOM PLANS FOR MORE INFORMATION.
 - AP PROVIDE 4 INDUSTRIES 12" X 12" PDWB - FIRE-RATED & INSULATED CONCEALED FRAME ACCESS PANEL WITH WALLBOARD READ. THOSE SHOWN ON THE PLANS ARE EXPOSED. IN ADDITION TO THESE SHOWN PROVIDE ACCESS PANELS IN THE BAYED HORIZONTAL FLOOR ASSEMBLY ABOVE ACT CEILING AND WALLS WHERE REQUIRED BY MECH AND ELEC. PAINT TO MATCH WALL OR CEILING.
 - RECESSED LIGHT AND OTHER FIXTURES PENETRATING BAYED HORIZONTAL FLOOR/CEILING ASSEMBLY REQUIRES OVB HOUSING. SEE A76015.

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 Department of Planning and Development
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 Sep 02, 2020
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BLD2020-04937



JIMMY CARTER CONY STORE
 2nd REV'D CLG PLAN
 Jimmy Carter Cony Store, Inc.
 1250 Peachtree Street, N.E.
 Atlanta, GA 30309
 (404) 525-1234
 A-122



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 Department of Planning and Development
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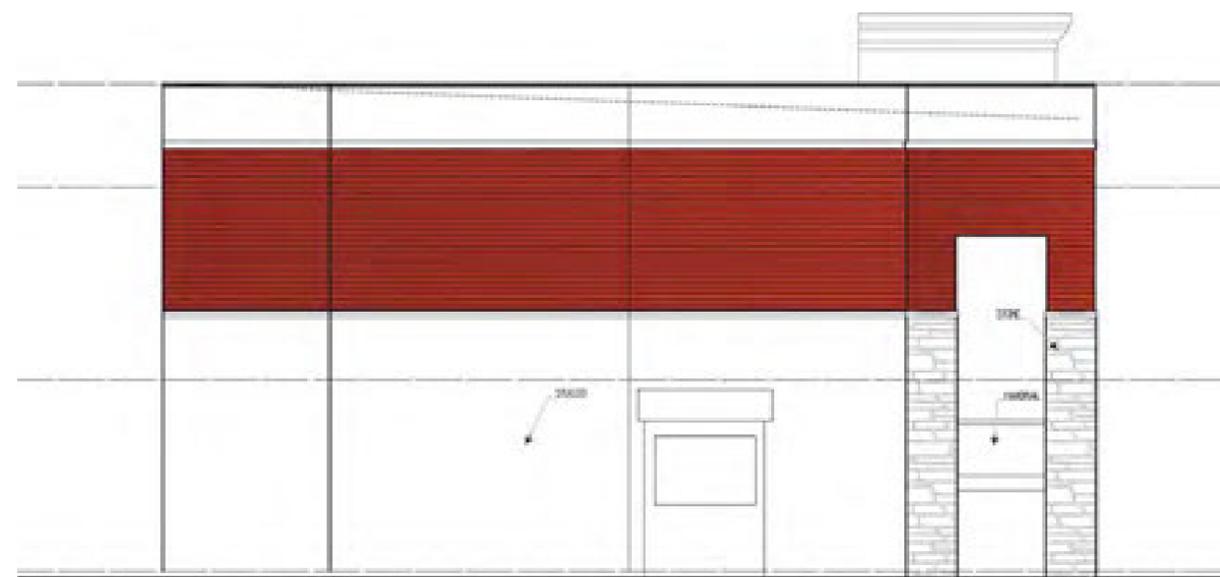
BLD2020-04937



JIMMY CARTER CONY . STORE
 JIMMY CARTER CONY . STORE
ROOF PLAN
 JCA Design Group, Inc.
 ARCHITECT
 11000 WOODBRIDGE BLVD
 SUITE 100
 ALPHARETTA, GA 30201
 (770) 473-1300
 www.jcainc.com



SOUTH ELEVATION



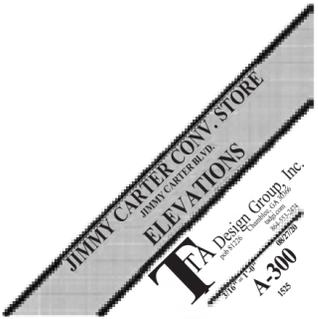
WEST ELEVATION

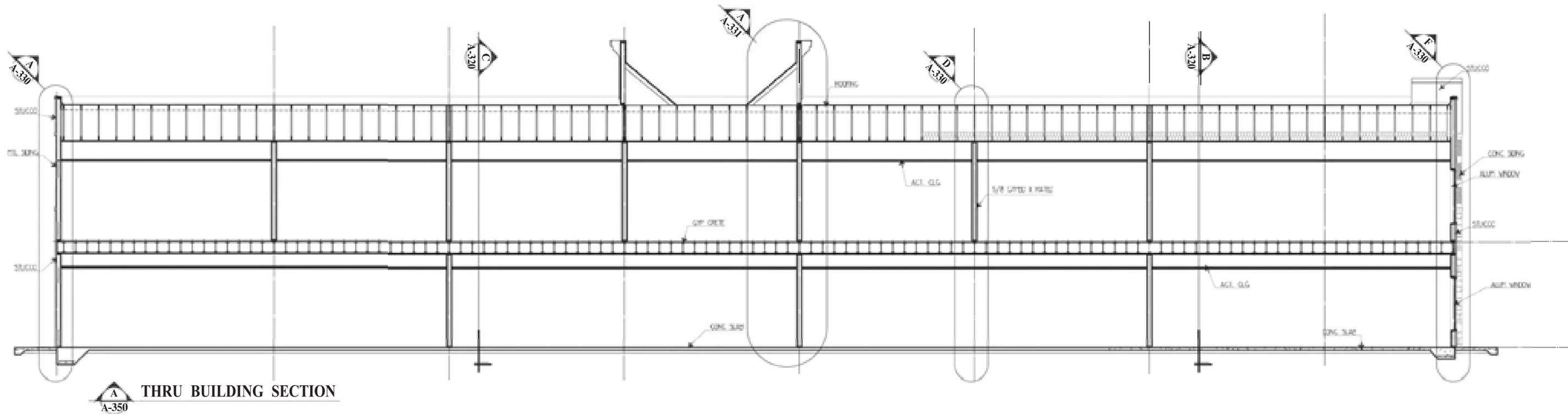


EAST ELEVATION

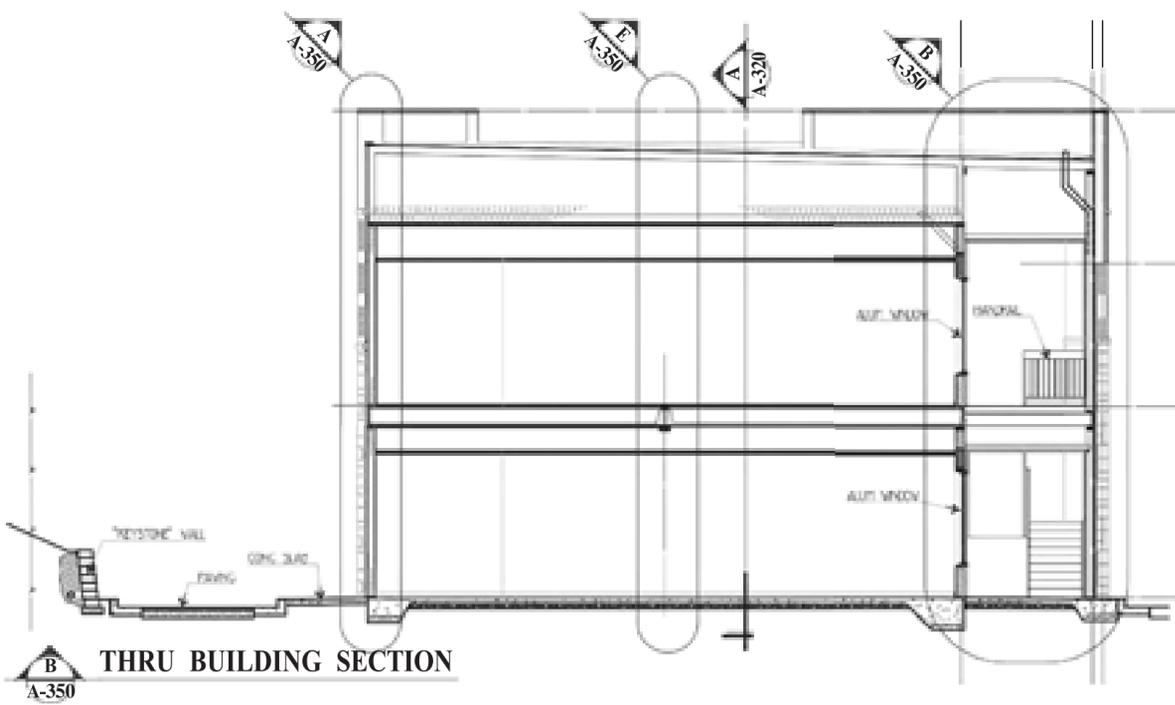
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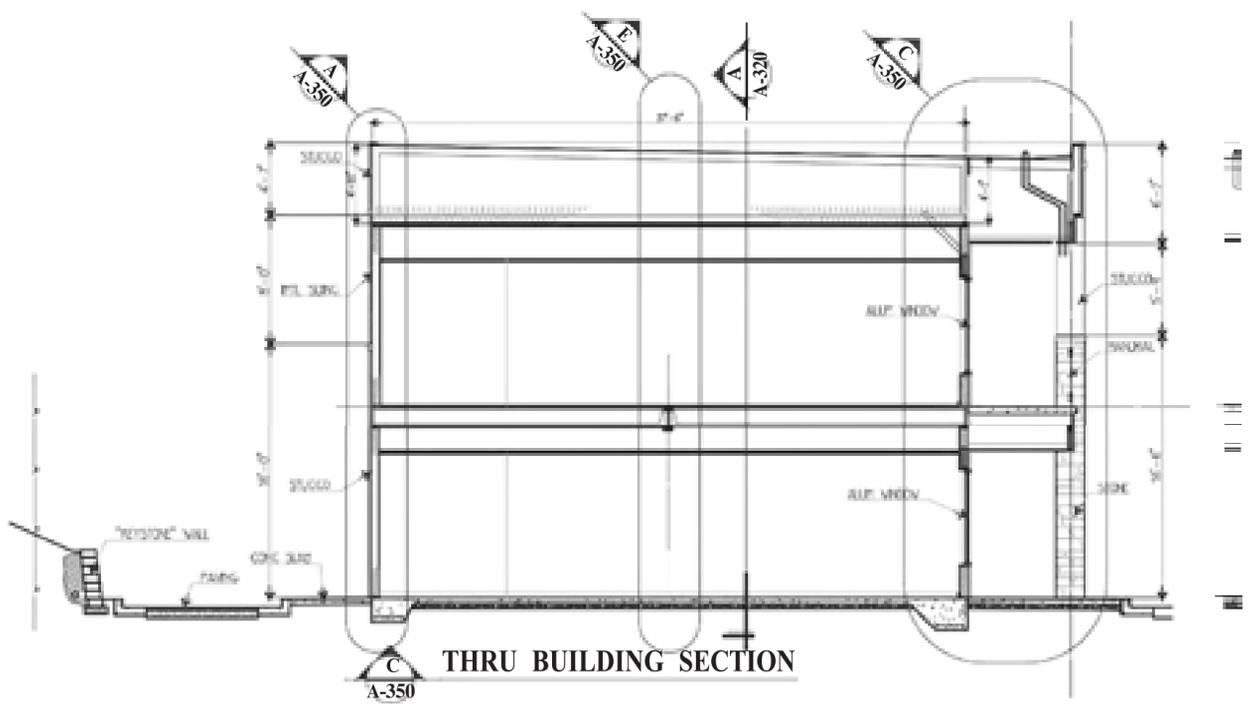




THRU BUILDING SECTION
A-350



THRU BUILDING SECTION
A-350



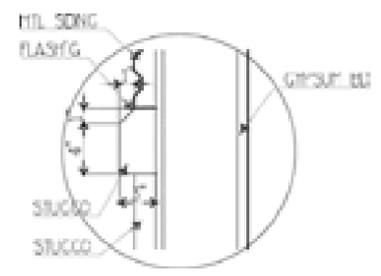
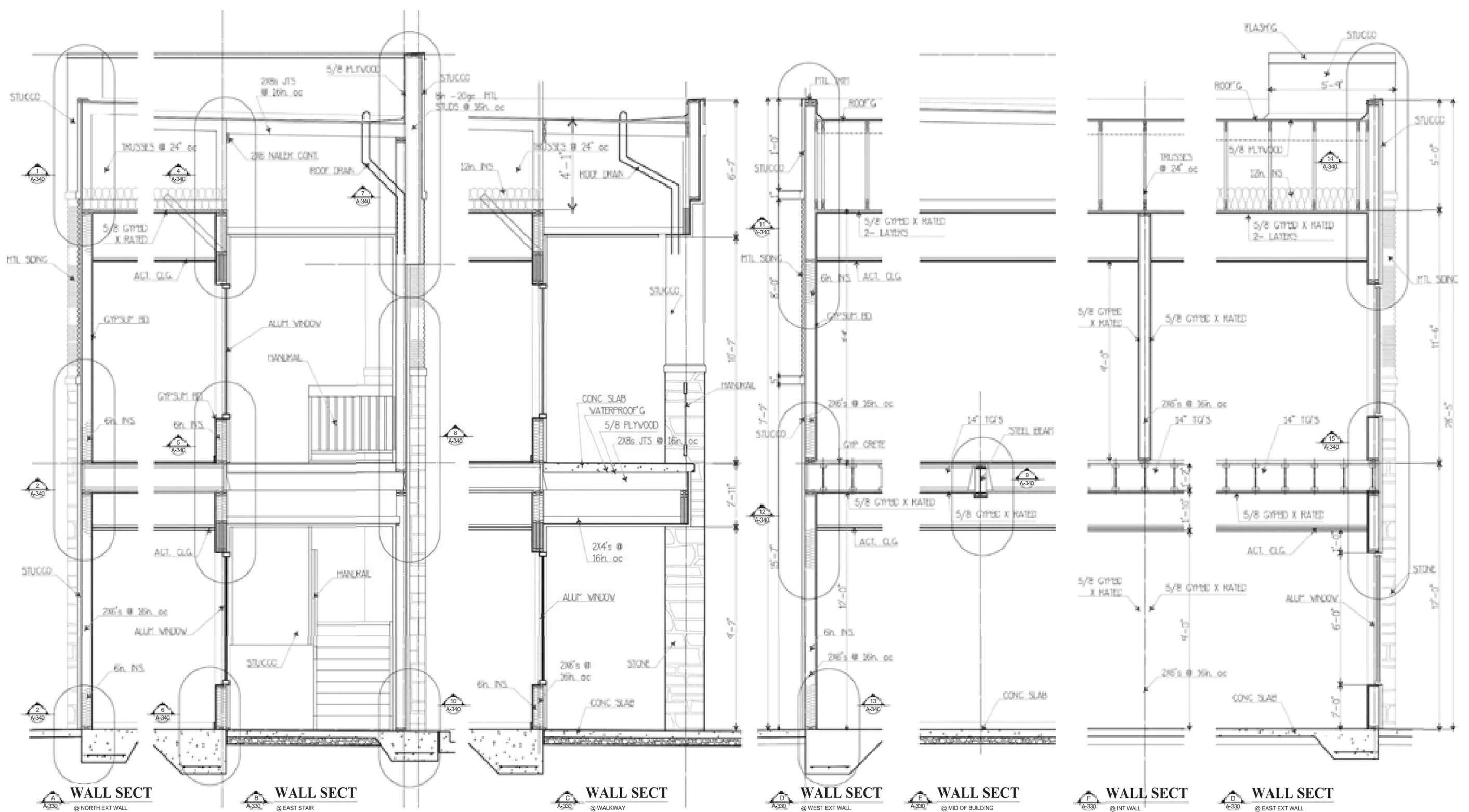
THRU BUILDING SECTION
A-350

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Sep 02, 2020
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BLD2020-04937



JIMMY CARTER CONWAY, INC.
ARCHITECTS
BUILDING SECTIONS
TFA Design Group, Inc.
ARCHITECTS
A-320
1998



GWINNETT COUNTY
Department of Planning and Development

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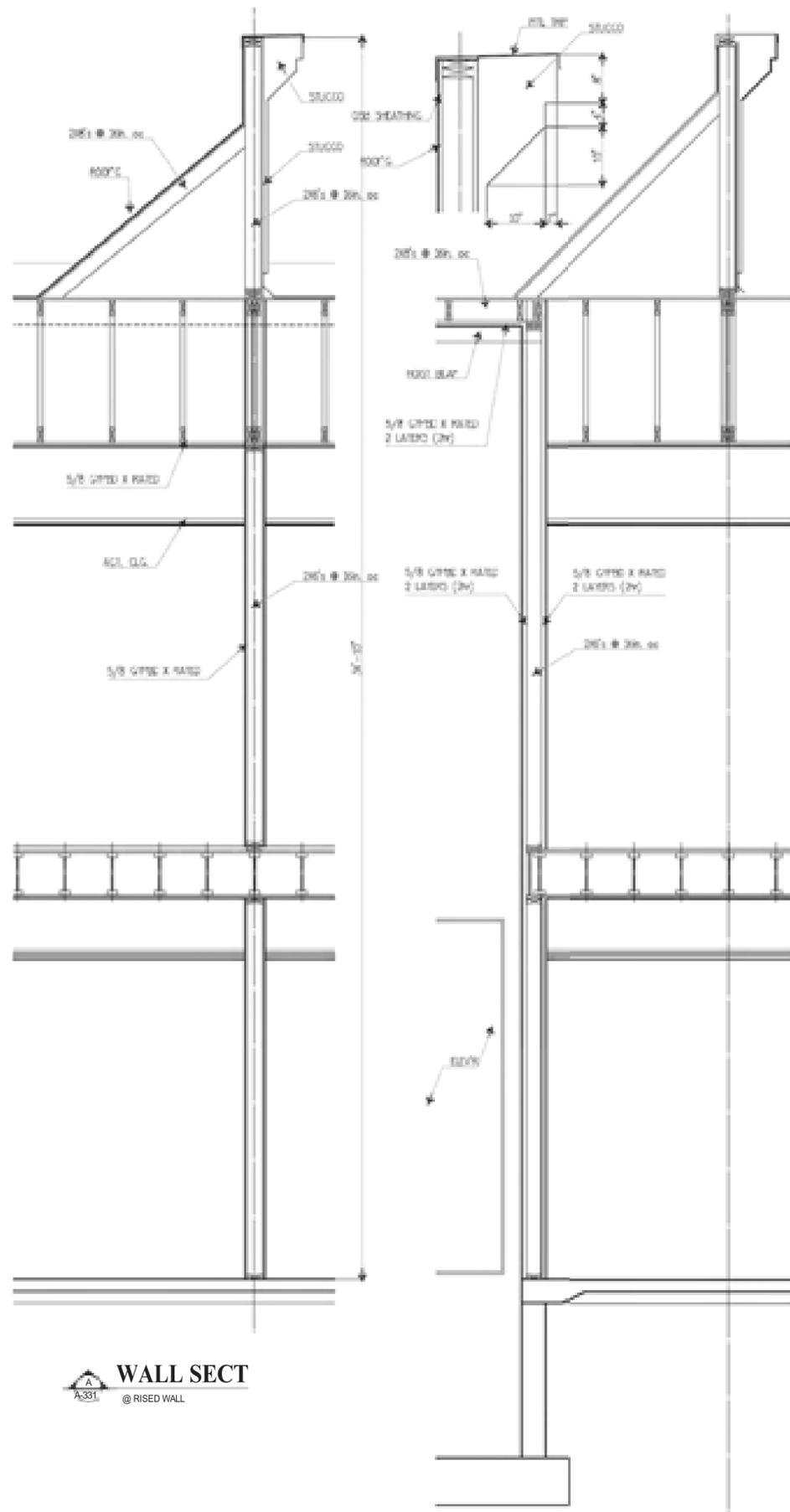
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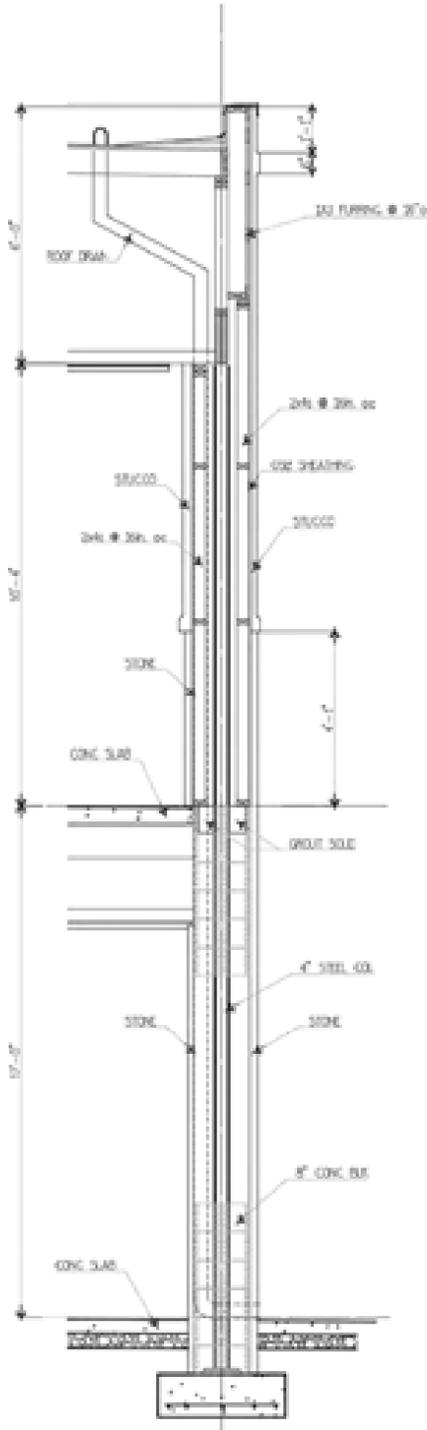
JIMMY CARTER CONWAY . STORE
WALL SECTIONS

JFA Design Group, Inc.
ARCHITECTS
A-330

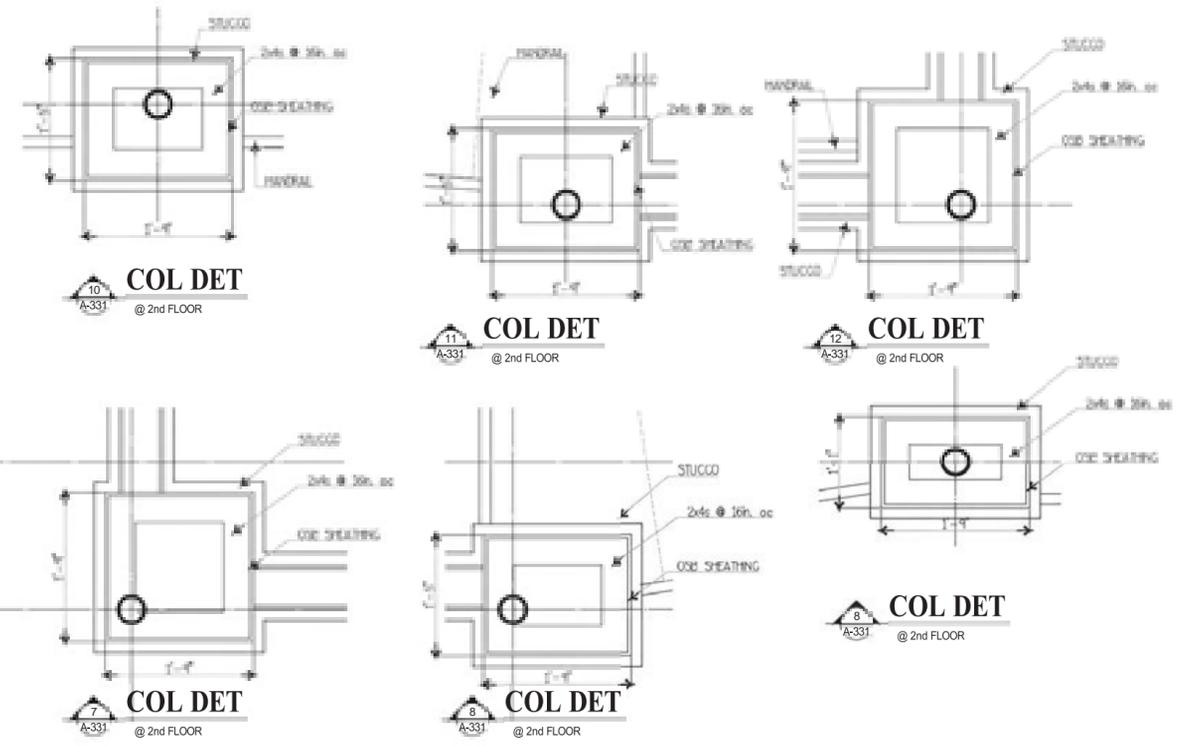


WALL SECT
A-331 @ RISED WALL

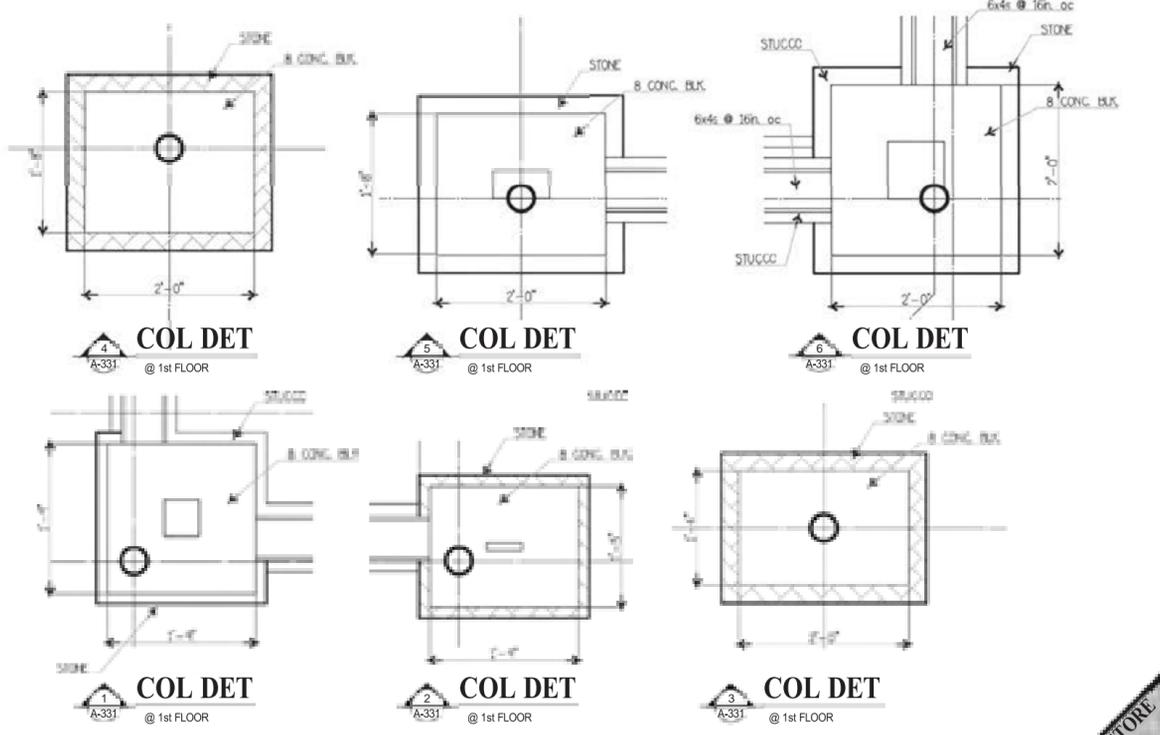
WALL SECT
A-331 @ ELEVATOR WALL



WALL SECT
A-331 @ RISED WALL



COL DET
A-331 @ 2nd FLOOR



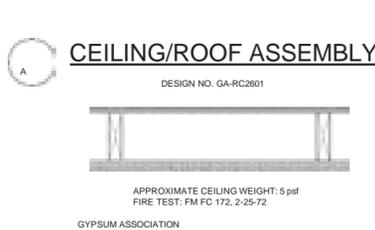
COL DET
A-331 @ 1st FLOOR

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JIMMY CARTER CONV. STORE
JIMMY CARTER WALL BY
WALL SECTS & COL DETS
JFA Design Group, Inc.
Professional Seal
A-331



GYPSUM ASSOCIATION

Construction Type: Wood Joists, Gypsum Wallboard - Base layer 5/8 in. type X gypsum wallboard applied at right angles to wood joists 24 in. O.C. with 1-1/4 in. type S drywall screws 24 in. O.C. Face layer 5/8 in. type X gypsum wallboard or veneer base applied at right angles to joists through base layer with 1-7/8 in. type S drywall screws 12 in. O.C. at joints and intermediate joints. Face layer joints offset 24 in. from base layer joints. 1-1/2 in. type G drywall screws placed 2 in. back on either side of face layer joints, 12 in. O.C. 1/2 in. plywood with exterior glue applied at right angles to top of joists with 8d nails. Ceiling provides one hour fire resistance protection for wood framing.

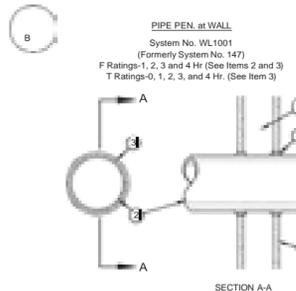
ICBO EVALUATION SERVICE, INC.

Evaluation Report Report No. 1632 December, 1988

Gypsum Wall and Ceiling Assemblies
Gypsum Association
1800 North Highland Avenue, Suite 210
Hollywood, California 90028

D. One-hour Wallboard Floor-Ceiling or Roof-Ceiling Assembly and Wood Framing - The ceiling assembly shall be constructed of the materials and in the manner described in the individual L500 Series Design in the Gypsum Association Fire Resistance Design Manual. Alternate framing may consist of lower chords of trussed rafters, or pitched or flat trusses spaced a maximum of 24 in. on center. Alternate fasteners having the same spacing as the screws may be 1-7/8 in. 6-penny cooler, box or wallboard nails for the base ply and 2-3/8 in. 8-penny cooler, box or wallboard nails for the face ply. Type G drywall screws, 1-1/2 in. long are not required at the end joints of the gypsum wallboard face layer.

*Bearing the UL Classification Marking

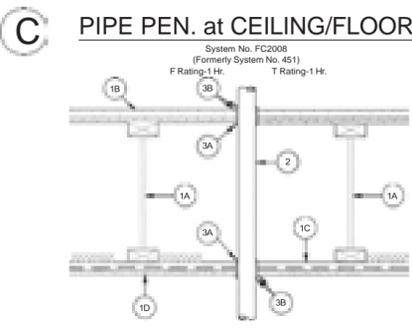


1. Wall Assembly-The 1, 2, 3 or 4 hr. fire-rated gypsum wallboard and wood framing shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

1. Studs-Wall framing may consist of either wood studs (max. 2 hr. fire rated assemblies) or steel channel studs. Wood studs to consist of nom. 2 by 4 lumber spaced 16 in. O.C. with nom. 2 by 4 in. lumber end plates and cross braces. Steel studs to be min. 3-5/8 in. wide by 1-3/8 in. deep channels spaced max. 24 in. O.C.
2. Wallboard, Gypsum-Nom 1/2 or 5/8 in. thick, 4 ft. wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 13-1/2 in.
2. Pipe or Conduit-Nom 12 in. diam (or smaller) Schedule 10 (or heavier) steel pipe, nom 6 in. diam (or smaller) steel conduit, nom 4 in. diam (or smaller) steel electrical metallic tubing or Type L (or heavier) copper tubing or nom 1 in. diam (or smaller) flexible steel conduit. When copper pipe or flexible steel conduit is used, max F Rating of firestop system (item 3) is 2 hr. Steel pipes or conduits larger than nom 4 in. diam may only be used in walls constructed using steel channel studs. A max of one pipe or conduit is permitted in the firestop system. Pipe or conduit to be installed near center of stud cavity width and to be rigidly supported on both sides of wall assembly.
3. Fill, Void or Cavity Material-Caulk-Caulk fill material installed to completely fill annular space between pipe or conduit and gypsum wallboard and with a min 1/4 in. diam bead of caulk applied to perimeter of pipe or conduit at its egress from the wall. Caulk installed symmetrically on both sides of wall assembly. The hourly F Rating of the firestop system is dependent upon the hourly fire rating of the wall assembly in which it is installed, as shown in the following table.

| Max Pipe or Conduit Diam, in | Annular Space | F Rating | T Rating |
|------------------------------|---------------|----------|-----------|
| 1 | 0 to 3/16 | 1 or 2 | 0, 1 or 2 |
| 4 | 1/4 to 1/2 | 3 or 4 | 0 |
| 6 | 0 to 1/4 | 1 or 2 | 0 |
| 12 | 1/4 to 1/2 | 3 or 4 | 0 |
| 4 | 3/16 to 3/8 | 1 or 2 | 0 |

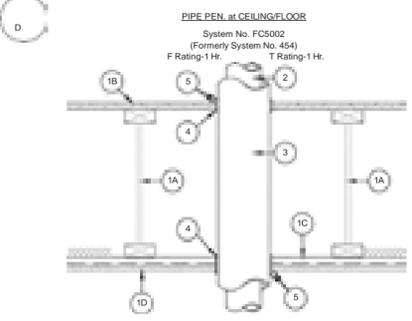
*When copper pipe is used, T Rating is 0 hr.
Minnesota Mining & Mfg. Co.-Types CP-25, SW, CP-25 WB, CP-25 WB+
*Bearing the UL Classification Marking



1. Floor Assembly-The fire rated wood truss or combination wood and steel truss Floor-Ceiling assembly shall be constructed of the materials and in the manner described in the individual L500 Series Design in the UL Fire Resistance Directory and shall include the following construction features:

- A. Trusses-Min 12 in. deep parallel chord trusses fabricated from 2 by 4 in. lumber in conjunction with galv steel truss plates or Structural Wood Members* with bridging as required.
 - B. Flooring-Nom 3/4 in. thick plywood flooring with or without Floor Topping Mixture*. Diam of hole-sawed opening in flooring to be 1/2 in. to 3/4 in. larger than diam of pipe. Max diam of opening in flooring is 3 in.
 - C. Furring Channels-Rigid or resilient galv steel furring channels installed perpendicular to bottom chord of trusses.
 - D. Wallboard, Gypsum-Nom 4 ft. wide by 5/8 in. thick, screw-attached to furring channels. Diam of hole-sawed opening in gypsum wallboard ceiling to be 1/2 in. to 3/4 in. larger than diam of pipe. Max diam of opening in ceiling is 3 in.
2. Nonmetallic Pipe-Nom 2 in. diam (or smaller) Schedule 40 polyvinyl chloride (PVC), SDR 17 chlorinated polyvinyl chloride (CPVC) or solid-core Schedule 40 acrylonitrile-butadiene-styrene (ABS) pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. One pipe to be installed approx midway between trusses and centered in circular openings in flooring and in ceiling. A nom 1/4 in. to 3/8 in. annular space is required in the firestop system. Pipe to be rigidly supported on both sides of Floor-Ceiling assembly.

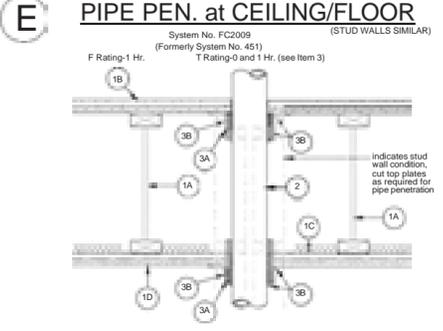
3. Firestop System-The details of the firestop system shall be as follows:
A. Fill, Void or Cavity Material-'Wrap Strip'-Nom 1/4 in. thick intumescent elastic material faced on one side with aluminum foil, supplied in 2 in. wide strips. Nom 2 in. wide strip tightly-wrapped around nonmetallic pipe (full side exposed), secured with two steel tie wires and slid into hole-sawed opening in flooring (Item 1B) and gypsum wallboard ceiling (Item 1D). Bottom edge of wrap strip to project 9/16 to 11/16 in. below bottom surface of flooring and below bottom (ceiling) surface of gypsum wallboard.
Minnesota Mining & Mfg. Co.-Type FS-195
B. Fill, Void or Cavity Material-'Caulk or Putty'-Nom 1/4 in. thickness of caulk or putty to be applied to the exposed edges of the wrap strip layer (top of flooring and bottom of gypsum wallboard ceiling). Generous application of caulk or putty to be applied to fill all gaps at the wrap strip/flooring and wrap strip/gypsum wallboard interfaces.
Minnesota Mining & Mfg. Co.-Type CP-25 WB, CP-25 WB+ Caulk, Type MP Putty
*Bearing the UL Classification Marking



1. Floor Assembly-The fire rated wood truss or combination wood and steel truss Floor-Ceiling assembly shall be constructed of the materials and in the manner described in the individual L500 Series Design in the UL Fire Resistance Directory and shall include the following construction features:

- A. Trusses-Min 12 in. deep parallel chord trusses fabricated from 2 by 4 in. lumber in conjunction with galv steel truss plates or Structural Wood Members* with bridging as required.
 - B. Flooring-Nom 3/4 in. thick plywood flooring with or without Floor Topping Mixture*. Max Diam of hole-sawed opening in flooring is 7 in.
 - C. Furring Channels-Rigid or resilient galv steel furring channels installed perpendicular to bottom chord of trusses.
 - D. Wallboard, Gypsum-Nom 4 ft. wide by 5/8 in. thick, screw-attached to furring channels. Diam of hole-sawed opening in gypsum wallboard ceiling is 7 in.
2. Pipe-Nom 4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe or nom 3 in. diam (or smaller) Type L (or heavier) copper pipe. Pipe to be installed approximately midway between trusses and centered in circular cutouts in flooring (Item 1B) and gypsum wallboard ceiling (Item 1D). Diam of circular cutouts in flooring and gypsum wallboard ceiling to be 1/2 to 3/4 in. larger than outside diam of pipe covering (Item 3) or tube insulation (Item 3A) on pipe. Pipe to be rigidly supported on both sides of Floor-Ceiling assembly.

3. Pipe Covering-Nom 1 in. thick hollow cylindrical heavy density (min 3.5 pcf) glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing top tape. Transverse joints secured with metal fasteners or with butt strip tape supplied with the product. See Pipe and Equipment Covering-Materials (BRGU) category in Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less may be used.
- 3A. Tube Insulation-Plastics-As an alternate to the glass fiber pipe covering (Item 3), nom 1/2 of 5/8 in. thick acrylonitrile butadiene-polyvinyl chloride (AB-PVC) flexible foam furnished in the form of tubing with skin may be used.
- See Plastics (DMFZ2) category in the Recognized Component Directory for names of manufacturers. Any Recognized Component tube insulation material meeting the above specifications and having a UL 94 Flammability Classification of 94-5VA may be used.
4. Fill, Void or Cavity Material-'Wrap Strip'-Nom 1/4 in. thick intumescent elastic material faced on one side with aluminum foil, supplied in 2 in. wide strips. Nom 2 in. wide strip tightly wrapped around pipe covering or tube insulation (full side exposed), secured with two steel tie wires and slid into hole-sawed opening in flooring (Item 1B) and in gypsum wallboard ceiling (Item 1D). Bottom edge of wrap strip to project 9/16 to 11/16 in. below bottom surface of flooring and below (ceiling) surface of gypsum wallboard.
Minnesota Mining & Mfg. Co.-Type FS-195
5. Fill, Void or Cavity Material-'Caulk'-Nom 1/4 in. thickness of caulk to be applied to the exposed edge of the wrap strip layer (top of flooring and bottom of gypsum wallboard ceiling). Generous application of caulk to be applied to fill all gaps at the wrap strip/flooring and wrap strip/gypsum wallboard ceiling interfaces.
Minnesota Mining & Mfg. Co.-Types CP-25 WB, CP-25 WB+
*Bearing the UL Classification Marking



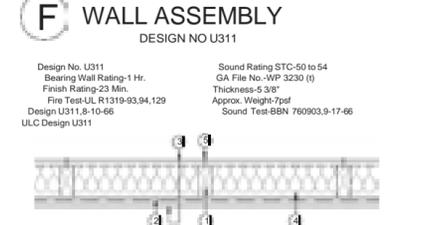
1. Floor Assembly-The fire rated wood truss or combination wood and steel truss Floor-Ceiling assembly shall be constructed of the materials and in the manner described in the individual L500 Series Design in the UL Fire Resistance Directory and shall include the following construction features:

- A. Trusses-Min 12 in. deep parallel chord trusses fabricated from nom 2 by 4 in. lumber in conjunction with galv steel truss plates or Structural Wood Members* with bridging as required.
 - B. Flooring-Nom 3/4 in. thick plywood flooring with or without Floor Topping Mixture*. Diam of hole-sawed opening in flooring to be max 1/2 in. larger than diam of pipe. Max diam of opening in flooring is 5 in.
 - C. Furring Channels-Rigid or resilient galv steel furring channels installed perpendicular to bottom chord of trusses.
 - D. Wallboard, Gypsum-Nom 4 ft. wide by 5/8 in. thick, screw-attached to furring channels. Diam of hole-sawed opening in gypsum wallboard ceiling to be max 1/2 in. larger than diam of pipe. Max diam of opening in ceiling is 5 in. Secondary firestop system (Item 3) must be installed at underside of flooring prior to installation of the gypsum wallboard ceiling.
2. Nonmetallic Pipe-Nom 4 in. diam (or smaller) Schedule 40 polyvinyl chloride (PVC), SDR 17 chlorinated polyvinyl chloride (CPVC) or solid-core Schedule 40 acrylonitrile-butadiene-styrene (ABS) pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. One pipe to be installed approx midway between trusses and centered in circular openings in flooring and ceiling. Pipe to be rigidly supported on both sides of Floor-Ceiling assembly.

3. Firestop System-The details of the firestop system is dependent upon the type and size of nonmetallic pipe, as tabulated below:

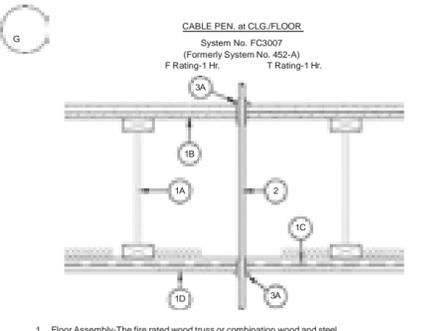
| Pipe Type | Nom Diam, in | Annular Space, in | T Rating |
|------------------|--------------|-------------------|----------|
| ABS, PVC or CPVC | 1/2 to 2 | 0 to 1/8 | 1 |
| ABS | 2 1/2 to 4 | 0 to 1/4 | 0 |
| PVC or CPVC | 2 1/2 to 4 | 0 to 1/4 | 0 |

- The details of the firestop system shall be as follows:
A. Fill, Void or Cavity Material-'Wrap Strip'-Nom 1/4 in. thick intumescent elastic material faced on one side with aluminum foil, supplied in 2 in. wide strips. Nom 2 in. wide strip tightly-wrapped around nonmetallic pipe (full side exposed) with the edges butted against the underside of the plywood flooring and against the bottom surface of the gypsum wallboard ceiling around the entire perimeter of the hole-sawed openings. Sufficient layers of wrap strip shall be installed to lap a min. of 3/16 in. on the plywood flooring and on the gypsum wallboard ceiling around the entire perimeter of the hole-sawed opening. For nom 1/2 in. to nom 2 in. diam pipes, a min of one layer of wrap strip is required. For nom 2-1/2 in. and nom 3 in. diam pipes, a min. of two layers of wrap strip is required. For nom 3-1/2 in. and nom 4 in. diam pipes, a min of three layers of wrap strip is required. Each layer of wrap strip to be installed with butted seams, with butted seams in successive layers staggered. Wrap strip layer(s) temporarily held in position using aluminum foil tape, steel wire tie, or equivalent.
Minnesota Mining & Mfg. Co.-Type FS-195
B. Steel Collar-Nom 2 in. deep collar with 1-1/4 in. wide by 2 in. long anchor tabs and min 3/4 in. long tabs to retain wrap strip layers. Coils of precut 0.016 in. thick (30 gauge) galv sheet steel are available from wrap strip manufacturer. As an alternate, collar may be field fabricated from min. 0.016 in. thick (30 gauge) sheet steel in accordance with instruction sheet applied by wrap strip manufacturer. Steel collar, with anchor tabs bend outward 90 deg, wrapped tightly around wrap strip layers with min 1 in. overlap at the seam. With steel anchor tabs pressed tightly against underside of plywood flooring or underside of gypsum wallboard ceiling, compress collar around wrap strip layers using a min 1/2 in. wide by 0.028 in. thick stainless steel band clamp with worm drive tightening mechanism at the collar misheight. Secure collar to plywood flooring using min. 3/4 in. long steel end washers, min 3 in. diam steel toggle bolts (5/8 in. grip) in conjunction with 1-1/4 in. diam steel ender washers, min of three fasteners, symmetrically located, required for nom 1/2 in. to nom 3 in. diam pipes. Min of four symmetrically located fasteners required for nom 3-1/2 in. and 4 in. diam pipes. As a final step, bend wrap strip retainer tabs 90 deg toward pipe to lock wrap strip layers in position.
C. Fill, Void or Cavity Material-'Caulk or Putty'-Generous application of caulk or putty to be applied around the perimeter of the steel collar at its interface with the plywood flooring and gypsum wallboard ceiling. A generous application of caulk or putty shall be applied around the perimeter of the pipe at its interface with the wrap strip layers.
Minnesota Mining & Mfg. Co.-Type CP-25 WB, CP-25 WB+ Caulk, Type MP Putty
D. Firestop Device (Not Shown)-As an alternate to Items A, B and C for nom 1-1/2, 2, 3 or 4 in. diam nonmetallic pipes, a firestop device consisting of a sheet-steel split collar lined with intumescent material and provided with steel clips for attachment may be used. Firestop device to be installed on underside of plywood flooring or underside of gypsum wallboard ceiling in accordance with the accompanying installation instructions.
Minnesota Mining & Mfg. Co.-Type PPD 150, PPD 200, PPD 300, PPD 400.
*Bearing the UL Classification Marking



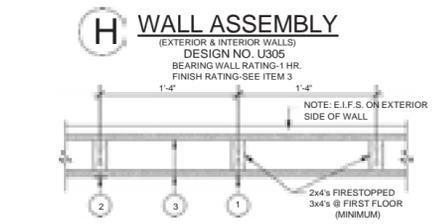
1. Wood Studs-Nom. 2 by 4 in., spaced 16" O.C., at First Floor. Effectively crossbraced.
2. Furring Channel-Resilient, 25 MSG galv. steel. Furring channels spaced vertically 24 in. O.C. flange portion spaced attached to one side of studs with 1-1/4 in. long diamond-shaped point, double lead Phillips head steel screws.
3. Wallboard, Gypsum-5/8 in. thick, 4 ft. wide. Screw attached one side to furring channels with 1 in. long self-drilling, self-tapping screws spaced 12 in. O.C., vertical joints located midway between studs and back-blocked with furring channels, attached with 1 in. long self-drilling, self-tapping screws, spaced 12 in. O.C., along each edge. Wallboard attached other side to studs with 1-1/4 in. long diamond-shaped point, double lead Phillips head steel screws spaced 12 in. O.C., vertical joints located over studs.
Canadian Gypsum Co., Ltd.-Type C
Celotex Corp.-Type FRP
Dormar Gypsum-Type 5
Georgia-Pacific Corp., Gypsum Div.-Type GPFSS-C
Pabco Gypsum Co.-Type C or IP-C
United States Gypsum Co.-Type C or IP-X2
4. Mineral Wool Batts-3 in. thick sheets, supplied in 15 in. widths, placed to fill interstices of wall, attached to the 4 in. face of the studs with staples placed 24 in. O.C.
USG Interiors Inc.
United States Gypsum Co.
5. Joints and Screwheads-Wallboard joints covered with paper tape and joint compound. Screwheads covered with joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

*Bearing the UL Classification Marking
GA FILE NO. - WP3230 (+) allows fiberglass insulation.



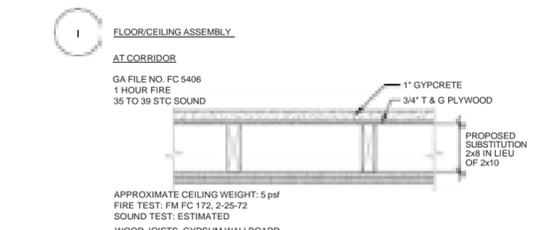
1. Floor Assembly-The fire rated wood truss or combination wood and steel truss Floor-Ceiling assembly shall be constructed of the materials and in the manner described in the individual L500 Series Design in the UL Fire Resistance Directory and shall include the following construction features:

- A. Trusses-Min 12 in. deep parallel chord trusses fabricated from nom. 2 by 4 in. lumber in conjunction with galv steel truss plates or Structural Wood Members* with bridging as required.
 - B. Flooring-Nom 3/4 in. thick plywood flooring with or without Float Topping Mixture*. Diam of opening hole-sawed in flooring to be 1 in. C. Furring Channels-Rigid or resilient galv steel furring channels installed perpendicular to bottom chord of trusses.
 - D. Wallboard, Gypsum-Nom 4 ft. wide by 5/8 in. thick, screw attached to furring channels. Diam of hole-sawed opening in gypsum wallboard ceiling to be 1 in.
2. Cables-Max seven conductor Nom. 12 AWG (or smaller) power/control cables or max. 100 pair Nom. 22 AWG (or smaller) telecommunication cables with polyvinyl chloride insulation and jacket materials. Individual cables to be centered in nom. 1 in. diam. circular cutouts. Cables to be rigidly supported on both sides of Floor-Ceiling assembly.
3. Fill, Void or Cavity Material-'Caulk or Putty'-Caulk or putty fill material forced into annular space throughout thickness of flooring and gypsum wallboard ceiling and with a min. 1/4 in. bead, applied to perimeter of cables as it egress from the top of the flooring and the underside of the gypsum wallboard ceiling.
Minnesota Mining & Mfg. Co.-Type CP-25 WB Caulk, Type MP Putty
*Bearing the UL Classification Marking



1. Nailheads - Exposed or covered with joint compound.
2. Joints - Exposed or covered with fiber tape and joint compound, except where required for specific edge configuration. For tapered, rounded-edge wallboards, joints covered with joint compound or fiber tape and joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

3. Wallboard, Gypsum - 5/8 in. thick wallboard paper or vinyl surfaced, with beveled, square, or tapered edges. Wallboard nailed 7 in. O.C. with 6d cement-coated nails 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam heads. When used in widths of other than 48 in. wallboard to be installed in accordance with the following:
Canadian Gypsum Co., Ltd. - Types SCX, SHX, WRX (finish rating 26 min), Type C (finish rating 26 min).
Celotex Corp. - Type 1, Type SF2 (finish rating 20 min), Type A (finish rating 21 min), Type B (finish rating 20 min), Type C (finish rating 21 min) or FRP.
Dormar Gypsum - Type C (finish rating 26 min), Type 4 (finish rating 26 min), Type 5 (finish rating 26 min), Type 6 (finish rating 23 min) or Type 9 (finish rating 26 min).
Georgia-Pacific Corp., Gypsum Div. - Type GPF51 (finish rating 20 min), Type GPF52 (finish rating 20 min), Type GPF53 (finish rating 20 min), Type GPF54 (finish rating 20 min), Type GPF56 (finish rating 26 min) or Type GPF5-C (finish rating 20 min).
Gold Bond Building Products - Type FSW (finish rating 20 min), Type FSW-G (finish rating 20 min), Type FSW2 (finish rating 24 min), Type FSW3 (finish rating 20 min), Type FSW4 (finish rating 20 min), Type FSX (finish rating 20 min) or FSX-G (finish rating 20 min).
Pabco Gypsum - Type PG-2 (finish rating 20 min), PG-3 (finish rating 20 min), PG-3W (finish rating 20 min), PG-4 (finish rating 20 min), PG-6 (finish rating 23 min), PG-3WS (finish rating 20 min).
Repubic Gypsum Co. - Type RG-1 (finish rating 20 min), Type RG-2 (finish rating 20 min), Type RG-3 (finish rating 20 min) or Type RG-4 (finish rating 26 min), Type RG-6 (finish rating 20 min).
Standard Gypsum Corp. - Type SGC (finish rating 20 min), Type SGC-3 (finish rating 20 min) or SGC-G (finish rating 20 min).
United States Gypsum Co. - Type SCX (finish rating 26 min), Type C (finish rating 26 min), Type VRX (finish rating 26 min), Type WR-C (finish rating 26 min), Type D (finish rating 23 min), Type IP-X1 (finish rating 26 min), Type FCV (finish rating 26 min), Type IP-X2 (finish rating 26 min), Type SHX (finish rating 26 min) or Type SHC (finish rating 26 min).
Weyerhaeuser Co., Gypsum Div. - Type DDM1 (finish rating 20 min), Type DDG2 (finish rating 20 min), Type DDW3 (finish rating 20 min) or Type DDDG3 (finish rating 20 min).
4. Steel Corner Fasteners - (Optional) - For use at wall corners. Channel shaped, 2 in. long by 1 in. high on the back side with two 7/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 24 gauge galv steel. Fasteners applied only to the end or cut edge (not along tapered edges) of the wallboard, no greater than 2 in. from corner of wallboard, max spacing 16 in. O.C. Nailed to adjacent stud through tab using one No. 6d cement-coated nail per fastener. Corners of wall board shall be nailed to top and bottom plate using No. 6d cement-coated nails.
5. Batts and Blankets (Not shown) - optional glass fiber or mineral wool located midway between studs and back-blocked with furring channels, Owens-Corning Fiberglas Corp.
USG Interiors Inc.
United States Gypsum Co.
*Bearing the UL Classification Marking



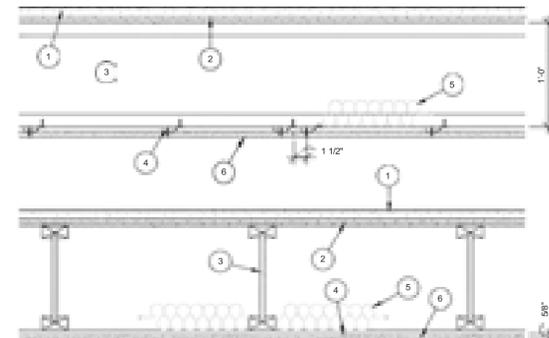
APPROXIMATE CEILING WEIGHT: 5 psf FIRE TEST: FM FC 172, 2-25-72 SOUND TEST: ESTIMATED

WOOD JOISTS, GYPSUM WALLBOARD.
Base layer 5/8" type X gypsum wallboard applied at right angles to 2x10 wood joists 24" o.c. with 1 1/4" Type W or S drywall screws 24" o.c. Face layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to joists with 1 7/8" Type S drywall screws 12" o.c. at joints and intermediate joints and 1 1/2" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Wood joists supporting 1/2" plywood with exterior glue applied at right angles to joists with 8d nails. Ceiling provides one hour fire resistance protection for wood framing, including trusses.

NOTE:
THIS ASSEMBLY MUST BE APPROVED BY LOCAL BUILDING DEPARTMENT. IF 2x8 NOT APPROVED, THEN 2x10'S MUST BE USED.

CEILING/FLOOR ASSEMBLY (ALL AREAS EXCEPT CORRIDORS)

DESIGN NO. NER-200

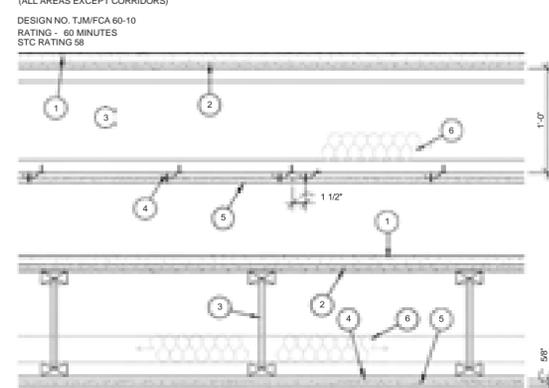


- ASSEMBLY E-7 (ALL AREAS EXCEPT CORRIDORS)**
1. Finish Flooring - Lightweight concrete or Gypcrete.
 2. Single-layer floor of 3/4-inch Tongue-and-Groove plywood.
 3. T & G joists.
 4. USG RC-1 channel at 16 inch on center.
 5. USG Thermafiber mineral wool batts (1')
 6. 5/8-inch USG Type C Firecode Gypsum wallboard.

One-Hour, Fire-Resistive Floor-Ceiling Rating
Alternate Floor Systems - A minimum 5/8" plywood floor over joists spaced at maximum of 24" on center with either 1-1/2" of lightweight concrete or 1" of gypsum concrete may be considered as an alternate deck for the systems described previously. When the joists or trusses are limited to a maximum spacing of 20" on center, a 3/4" topping of gypsum concrete may be used. The gypsum concrete must be covered in a current evaluation report issued by the National Evaluation Service or the Building Officials and Code Administrators International, Inc., the International Conference of Building Officials, and the Southern Building Code Congress International, Inc. The evaluation must include an evaluation for fire resistance involving the replacement of the above floor systems with the plywood and gypsum concrete system.

STC = 59 TEST # TL81-105 (ASTM E90 - 75) & E413-73

ALTERNATE: CEILING/FLOOR ASSEMBLY (ALL AREAS EXCEPT CORRIDORS)



1. Topping - 1 inch thickness 'Gypcrete' or equivalent topping.
2. Sub-Flooring - 3/4 inch T & G plywood or OSB sheathing, installed perpendicular to joists and fastened with exterior construction adhesive along joint surfaces, then nailed with 1-1/2 inch common nails (or equivalent staples) spaced 6 in O.C. at board ends, 12 inch O.C. along intermediate supports.
3. Structural Members - Trus Joist MacMillan 14 inch deep, TLJ55DF or SP Series I-joists constructed with 7/16 in. OSB web and 2 x 4 Micromil LVL flanges installed at 24 inch on center.
4. Resilient Channels - Maximum 25 gauge steel, spaced 16 inch on centres and installed perpendicular to joists. Channels shall be overlapped at ends and fastened with 1/2 inch sheet metal screws to form continuous channels. Fastened with 1-1/4 inch, Type 'S' screws at each joint intersection. Channels to be doubled at gypsum board ends such that each gypsum board end rests on ID of resilient joint. These additional channels extend to the next joint on either side of the board end.
5. Gypsum Board - One layer of 5/8 inch type 'C' gypsum wallboard installed perpendicular to channels, fastened with 1-1/4 inch Type 'S' drywall screws. Board ends to be staggered 68 inch, joints to be taped and filled, screw heads installed at 24 inch on center.
6. Insulation - 1 inch thick rigid foam insulation, friction fit, supported above joist flanges.

WINNETT COUNTY
Department of Planning and Development
These project documents have been reviewed by applicable County Departments and have been found to be in substantial compliance with the applicable codes and regulations.
Sep 02, 2020
AUTHORIZED

BLD2020-04937

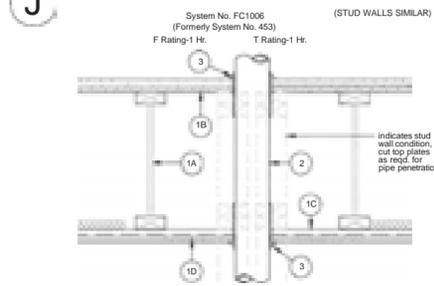
TABLE NO. 7-B-RATED FIRE-RESISTIVE PERIODS FOR VARIOUS WALLS AND PARTITIONS

| MATERIAL | ITEM NUMBER | CONSTRUCTION | MINIMUM FINISHED THICKNESS FACE-TO-FACE (in inches) |
|---|-------------|---|---|
| 17. Wood studs-Interior partition with gypsum wallboard ea. side. | 17-1.3 1419 | 2" x 4" wood studs 24" on center with 5/8" Type X gypsum wallboard applied symmetrically nailed with 6d cooler or wallboard nails at 7" on center with end joints on nailing members. Stagger joints each side. | 4 3/4 |

¹⁴Wood structural panels may be installed between the fire protection and the wood studs on either the interior or exterior side of the wood-frame assemblies in this table, provided the length of the fastener used to attach the fire protection are increased by an amount at least equal to the thickness of the wood structural panel.

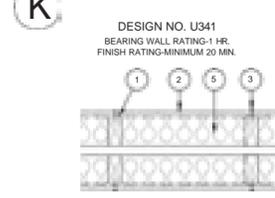
JIMMY CARTER CONSTRUCTION STORE
JIMMY CARTER CONSTRUCTION STORE
RATED ASSEMBLIES
JTA Design Group, Inc.
A-360

J PIPE PEN. at CEILING/FLOOR



1. Floor Assembly - The fire rated wood truss or combination wood and steel truss Floor-Ceiling assembly shall be constructed of the materials and in the manner described in the individual L500 Series Design in the UL Fire Resistance Directory and shall include the following construction features:
 - A. Trusses - Min 12 in. deep parallel chord trusses fabricated from nom 2 by 4 in. lumber in conjunction with gyp steel truss plates or Structural Wood Members* with bridging as required.
 - B. Flooring - Nom 3/4 in. thick plywood flooring with or without Floor Topping Mixure*. Max diam of opening hole-sawed in flooring is 5 in.
 - C. Furring Channels - Rigid or resilient galv steel furring channels installed perpendicular to bottom chord of trusses.
 - D. Wallboard, Gypsum* - Nom 4 ft. wide by 5/8 in. thick, screw attached to furring channels. Max diam of hole-sawed opening in gypsum wallboard ceiling is 5 in.
2. Pipe or Conduit - Nom 4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe, steel conduit or steel EMT, or cast iron pipe or nom 3 in. diam (or smaller) Type L (or heavier) copper tubing. Pipe to be installed approx midway between trusses and centered in circular cutouts in flooring (Item 1B) and gypsum wallboard ceiling (Item 1D). Diam of circular cutouts in flooring and gypsum wallboard ceiling to be 1 1/4 in. to 1 1/2 in. larger than diam of pipe. Pipe to be rigidly supported on both sides of Floor-Ceiling assembly.
3. Fill - Void or Cavity Material* - Caulk-Caulk formed into annular space throughout the thickness of the flooring and gypsum wallboard ceiling and with a min 1/4 diam bead of caulk applied to perimeter of pipe at its entry from the top of the flooring and the underside of the gypsum wallboard ceiling.
 - A. Minnesota Mining & Mfg. Co. Type CP-25 WB, CP-25 WB* or UL Classification Marking

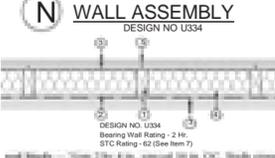
K WALL ASSEMBLY



1. Wood Studs - Nom 2 by 4 in., spaced 24 in. O.C. max. Cross-braced at mid-height and effectively fire-stopped at top and bottom of wall.
2. Wallboard, Gypsum* - 5/8 in. thick 4 ft wide. Wallboard or lath applied horizontally or vertically and nailed to studs and bearing plates 7 in. O.C. with 6d cement-coated nails, 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam head. As an alternate, No. 6 bugle head drywall screws, 1-7/8 in. long, may be substituted for the 6d cement-coated nails.
3. Joints and Nailheads - Wallboard joints of outer layer covered with tape and joint compound. Nail heads of outer layer covered with joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard.
4. Sheathing - (Optional) - Septum may be sheathed with plywood or Mineral and Fiber Boards*. See Mineral and Fiber Boards (CERZ) category for names of Classified Companies.
5. Batts and Blankets* - 3-1/2 in. max thickness glass or mineral fiber batt insulation. Optional when sheathing (Item 4) is used on both walls of wall. See Batts and Blankets (BZZJ) category for list of Classified companies.

*Bearing the UL Classification Marking.

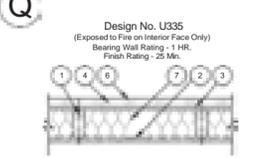
N WALL ASSEMBLY



1. Wood Studs - Nom 2 by 4 in., spaced 24 in. O.C. Studs are spaced at mid-height and effectively fire-stopped at top and bottom of wall.
2. Wallboard, Gypsum* - 5/8 in. thick 4 ft wide, applied vertically. Attached to studs with 1-3/4 in. long steel drywall nails with 0.102 in. diam shank and 0.29 in. diam head, spaced 7 in. O.C. Vertical joints located over studs. Joints covered with paper tape and joint compound. Nail heads covered with joint compound.
3. Plywood Sheathing - 1/2 in. thick 4 ft wide, APA Rated Sheathing. See Wallboard, Gypsum (CERZ) category for names of manufacturers. Interior with exterior glue conforming to PS 1-74. Applied vertically with vertical joints located over studs and staggered 1/2 in. min from wallboard joints. Horizontal joints are backed with nom 2 by 4 in. wood backing. Attached to the studs with 2 in. long galv roofing nails with a 0.122 in. diam shank and a 3/8 in. diam head, spaced 12 in. O.C. at the perimeter of the sheet and 12 in. O.C. in the field.
- 3A. Gypsum Sheathing and Exterior Finish - An alternate to Plywood Sheathing (Item 3) - For exterior of wall, 5/8 in. thick (min) exterior regular gypsum sheathing applied vertically and attached to studs and runner tracks with 1 in. long Type S-12 bugle head screws spaced 12 in. O.C. along studs and tracks.
4. Foamed Plastic - Min 1 in. thick, density of 1 pcf max, polystyrene foamed plastic insulation boards, applied vertically and attached to the Plywood Sheathing (Item 3) or as an alternate Gypsum Sheathing (Item 3A) with Adhesive-Base Coat (Item 6) at a rate of 1-1/2 gal per 100 sq ft and (optional) four 2-1/4 in. long by 0.125 in. diam shark Philip head screws with 1-3/4 in. diam plastic washers with caps, located 2 in. from the corners of the foamed plastic.
5. Non-Metallic Fabric Mesh - (Not Shown) - Glass fiber fabric mesh, weighing approx 2.5 oz per sq yd, positioned vertically over the foamed plastic (Item 4) and secured at the top with 16 gauge 3/8 in. steel staples randomly spaced.
6. Wall and Partition Furring and Accession - Ceiling System - The base coat is trowel applied over glass fiber fabric mesh at a rate of 2 gal per 100 sq ft. The textured wall finish is then applied over the base coat at a rate of 2-1/2 gal per 100 sq ft.
 - A. Gaco Western, Inc. - Types A-5000, 5207, 5214, 5216, 5218, 5250.
7. Insulation - 3-1/2 in. thick kraft paper face glass fiber insulation. Supplied in rolls 15 in. wide. Density to be nom 0.75 lb per cu ft. Placed in stud cavities and secured to studs with steel staples spaced nom 12 in. O.C.

*Bearing the UL Classification Marking.

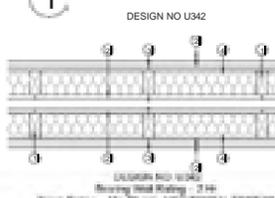
Q WALL ASSEMBLY



1. Wood Studs - Nom 2 by 4 in., spaced 16 in. O.C.
2. Wallboard, Gypsum* - 5/8 in. thick 4 ft wide, applied vertically. Attached to studs with 1-3/4 in. long steel drywall nails with 0.102 in. diam shank and 0.29 in. diam head, spaced 7 in. O.C. Vertical joints located over studs. Joints covered with paper tape and joint compound. Nail heads covered with joint compound.
3. Plywood Sheathing - 1/2 in. thick 4 ft wide, APA Rated Sheathing. See Wallboard, Gypsum (CERZ) category for names of manufacturers. Interior with exterior glue conforming to PS 1-74. Applied vertically with vertical joints located over studs and staggered 1/2 in. min from wallboard joints. Horizontal joints are backed with nom 2 by 4 in. wood backing. Attached to the studs with 2 in. long galv roofing nails with a 0.122 in. diam shank and a 3/8 in. diam head, spaced 12 in. O.C. at the perimeter of the sheet and 12 in. O.C. in the field.
- 3A. Gypsum Sheathing and Exterior Finish - An alternate to Plywood Sheathing (Item 3) - For exterior of wall, 5/8 in. thick (min) exterior regular gypsum sheathing applied vertically and attached to studs and runner tracks with 1 in. long Type S-12 bugle head screws spaced 12 in. O.C. along studs and tracks.
4. Foamed Plastic - Min 1 in. thick, density of 1 pcf max, polystyrene foamed plastic insulation boards, applied vertically and attached to the Plywood Sheathing (Item 3) or as an alternate Gypsum Sheathing (Item 3A) with Adhesive-Base Coat (Item 6) at a rate of 1-1/2 gal per 100 sq ft and (optional) four 2-1/4 in. long by 0.125 in. diam shark Philip head screws with 1-3/4 in. diam plastic washers with caps, located 2 in. from the corners of the foamed plastic.
5. Non-Metallic Fabric Mesh - (Not Shown) - Glass fiber fabric mesh, weighing approx 2.5 oz per sq yd, positioned vertically over the foamed plastic (Item 4) and secured at the top with 16 gauge 3/8 in. steel staples randomly spaced.
6. Wall and Partition Furring and Accession - Ceiling System - The base coat is trowel applied over glass fiber fabric mesh at a rate of 2 gal per 100 sq ft. The textured wall finish is then applied over the base coat at a rate of 2-1/2 gal per 100 sq ft.
 - A. Gaco Western, Inc. - Types A-5000, 5207, 5214, 5216, 5218, 5250.
7. Insulation - 3-1/2 in. thick kraft paper face glass fiber insulation. Supplied in rolls 15 in. wide. Density to be nom 0.75 lb per cu ft. Placed in stud cavities and secured to studs with steel staples spaced nom 12 in. O.C.

*Bearing the UL Classification Marking.

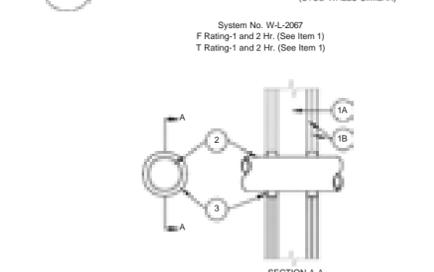
T WALL ASSEMBLY



1. Wood Studs - Nom 2 by 4 in. Cross-braced at mid-height and effectively fire-stopped at top and bottom of wall. Spaced a min of 16 or 24 in. O.C. depending on type of wallboard. (See Item 2).
2. Wallboard, Gypsum* - 5/8 in. thick 4 ft wide, applied horizontally or vertically. Attached to studs and bearing plates 7 in. O.C. with 6d cement-coated nails, 1-7/8 in. long, 0.0915 in. shank diam and 1/4 in. diam head. As an alternate, No. 6 bugle head drywall screws, 1-7/8 in. long, may be substituted for the 6d cement-coated nails. 1-7/8 in. long, may be substituted for the 6d cement-coated nails. 40 points in cavity depth of double layer wallboard joints (Item 1B) in. long. Max diam of hole-sawed opening in gypsum wallboard ceiling is 5 in. (See Item 1D).
3. Joints and Nailheads - Wallboard joints of outer layer covered with tape and joint compound. Nail heads of outer layer covered with joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard.
4. Sheathing - (Optional) - Septum may be sheathed with plywood or Mineral and Fiber Boards*. See Mineral and Fiber Boards (CERZ) category for names of Classified Companies.
5. Batts and Blankets* - 3-1/2 in. max thickness glass or mineral fiber batt insulation. Optional when sheathing (Item 4) is used on both walls of wall. See Batts and Blankets (BZZJ) category for list of Classified companies.

*Bearing the UL Classification Marking.

P PIPE PEN. at FIRESTOP



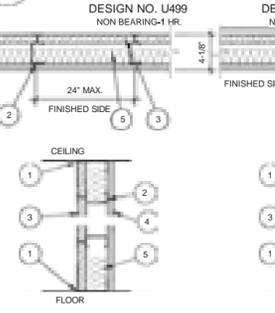
1. Wall Assembly - The 1 or 2 hr. fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
 - A. Stud - Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. O.C. Steel studs to be min. 2-1/2 in. wide and spaced 24 in. O.C.
 - B. Wallboard, Gypsum* - 5/8 in. thick, 4 ft. wide square or tapered edges. The gypsum wallboard, type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max. diam. opening is 4-3/8 in.
- The hourly F and T Ratings of the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed.
- Through-Penetrants - One nonmetallic pipe or conduit to be centered within the firestop system. The max. diam. of the through penetrant and annular space within the firestop system is dependent upon the type of fill material (Item 3). Pipe or conduit to be rigidly supported on both sides of the wall assembly. The following types and sizes of nonmetallic pipes or conduit may be used:
 - A. Polyvinyl Chloride (PVC) Pipe - Nom. 2 in. diam. (or smaller) Schedule 40 solid core PVC pipe for use in closed (process or supply) piping systems.
 - B. Chlorinated Polyvinyl Chloride (CPVC) Pipe - Nom. 2 in. diam. (or smaller) SDR 17 CPVC pipe for use in closed (process or supply) piping systems.
 - C. Rigid Nonmetallic Conduit - Nom. 2 in. diam. (or smaller) Schedule 40 PVC conduit installed in accordance with Article 347 of the National Electrical Code (NEC/NEC 70).
- Fill - Void or Cavity Material* - Sealant - In 2 hr. fire rated assemblies, min. 1-1/4 in. thickness of fill material applied within the annulus, flush with both surfaces of wall. In 1 hr. fire rated assemblies, min. 5/8 in. thickness of fill material applied within the annulus, on both surfaces of wall. Additional fill material to be installed such that a min. 5/8 in. thick crown is formed around the penetrating item and lapping a min. 1 in. beyond the periphery of the opening.
 - A. The max. diam. of the through penetrant and annular space within the firestop system is dependent upon the type of fill material as tabulated below.

| Max. Diam. of through Penetrant In. | Nom. Annular Space In. | Fill Material Type |
|-------------------------------------|------------------------|--------------------|
| 1 | 1/2 | EP |
| 2 | 1 | EP |

Isolatak International - Types EP and I

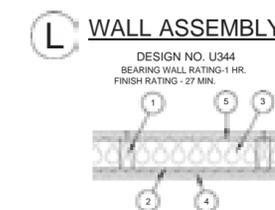
*Bearing the UL Listing Mark
*Bearing the UL Classification Marking

U WALL ASSEMBLY



1. Wood Studs - Nom 2 by 4 in., spaced 24 in. O.C. laterally braced, and effectively fire stopped at top and bottom.
2. Plywood Sheathing - Nom 1/2 in. thick 4 ft wide APA rated sheathing 32/16 Exposure 1, C-D grade plywood per PS 1-83 or PRP-108 specifications. Installed with long dimension of sheet (strength side) or face grain of plywood, parallel with studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Horizontal joints backed with nom 2 by 4 in. wood backing. Attached to studs on exterior side of wall with 6d cement coated steel box nails spaced 12 in. O.C. along interior studs and 6 in. O.C. at perimeter of panels.
3. Batts and Blankets* - 3-1/2 in. thick foil-faced glass fiber batts. Supplied in rolls 23 in. wide. Density to be nom 0.70 pcf. Placed in stud cavity and secured to studs with 5/8 in. long steel staples spaced nom 12 in. O.C.
4. Wallboard Gypsum* - 5/8 in. thick, 4 ft wide, applied horizontally or vertically. Attached to studs through plywood sheathing with 6d cement coated nails 2-3/8 in. long, 0.113 in. shank diam, 3/32 in. diam head nails spaced 7 in. O.C. along studs and at perimeter of panels. When used in walls other than 1 hr. O.C. applied horizontally.
5. Wallboard, Gypsum* - 5/8 in. thick, 4 ft wide applied horizontally or vertically. Attached to studs through plywood sheathing with 6d cement coated nails 2-3/8 in. long, 0.113 in. shank diam, 3/32 in. diam head nails spaced 7 in. O.C. along studs and at perimeter of panels. When used in walls other than 1 hr. O.C. applied horizontally.

S FLOOR AT WATER CLOSET



1. Floor Ceiling Assembly - The fire-rated solid or trussed lumber joist floor-ceiling assembly shall be constructed of the materials and in the manner specified in the individual L500 Series Floor-Ceiling Design in the UL Fire Resistance Directory. The general construction details of the floor-ceiling assembly are summarized below:
 - A. Flooring System - Lumber or plywood subfloor with finish floor of lumber, plywood or Floor Topping Mixture* as specified in the individual Floor-Ceiling Design. Rectangular cutout in flooring to accommodate the bathtub drain piping (Item 2) to be max 8 by 12 in.
 - B. Wood Joists - Nom 2 by 10 in. lumber joists spaced 16 in. O.C. with nom 1 by 1 in. lumber bridging and with studs. A continuous lumber joist and steel joist, truss, or Structural Wood Member* with bridging as required with ends firestopped.
 - C. Furring Channels - Rigid galv steel furring channels installed perpendicular to wood joist (Item 1B) between wallboard (Item 1D) and wood joists as required in the individual Floor-Ceiling Design.
 - D. Wallboard Gypsum* - Nom 1/2 in. thick 4 ft wide 5/8 in. thick as specified in the individual Floor-Ceiling Design. Wallboard secured to wood joists as specified in the individual Floor-Ceiling Design.
 - E. Insulation - 3-1/2 in. thick foil-faced glass fiber batts. Supplied in rolls 23 in. wide. Density to be nom 0.70 pcf. Placed in stud cavity and secured to studs with 5/8 in. long steel staples spaced nom 12 in. O.C.
2. Drain Piping - Nom 4 in. (or smaller) Schedule 40 PVC or acrylonitrile butadiene styrene (ABS) pipe and steel fittings with 1/2 in. larger than outside diam. of bathtub drain (Item 2).
3. Drip Pan - Nom 1-1/2 in. thick, Schedule 40 polyvinyl chloride (PVC) or acrylonitrile butadiene styrene (ABS) pipe and steel fittings with 1/2 in. larger than outside diam. of bathtub drain (Item 2).
4. Water Closet - (Not Shown) - Fire-rated toilet or urinal.
 - A. Fire-Rated Toilet - (Not Shown) - Fire-rated toilet or urinal.
 - a. Floor-Ceiling Assembly - The fire-rated solid or trussed lumber joist floor-ceiling assembly shall be constructed of the materials and in the manner specified in the individual L500 Series Floor-Ceiling Design in the UL Fire Resistance Directory. The general construction details of the floor-ceiling assembly are summarized below:
 - A. Flooring System - Lumber or plywood subfloor with finish floor of lumber, plywood or Floor Topping Mixture* as specified in the individual Floor-Ceiling Design. Rectangular cutout in flooring to accommodate the bathtub drain piping (Item 2) to be max 8 by 12 in.
 - B. Wood Joists - Nom 2 by 10 in. lumber joists spaced 16 in. O.C. with nom 1 by 1 in. lumber bridging and with studs. A continuous lumber joist and steel joist, truss, or Structural Wood Member* with bridging as required with ends firestopped.
 - C. Furring Channels - Rigid galv steel furring channels installed perpendicular to wood joist (Item 1B) between wallboard (Item 1D) and wood joists as required in the individual Floor-Ceiling Design.
 - D. Wallboard Gypsum* - Nom 1/2 in. thick 4 ft wide 5/8 in. thick as specified in the individual Floor-Ceiling Design. Wallboard secured to wood joists as specified in the individual Floor-Ceiling Design.
 - E. Insulation - 3-1/2 in. thick foil-faced glass fiber batts. Supplied in rolls 23 in. wide. Density to be nom 0.70 pcf. Placed in stud cavity and secured to studs with 5/8 in. long steel staples spaced nom 12 in. O.C.
 - b. Drain Piping - Nom 4 in. (or smaller) Schedule 40 PVC or acrylonitrile butadiene styrene (ABS) pipe and steel fittings with 1/2 in. larger than outside diam. of bathtub drain (Item 2).
 - c. Drip Pan - Nom 1-1/2 in. thick, Schedule 40 polyvinyl chloride (PVC) or acrylonitrile butadiene styrene (ABS) pipe and steel fittings with 1/2 in. larger than outside diam. of bathtub drain (Item 2).
 - d. Water Closet - (Not Shown) - Fire-rated toilet or urinal.
 - a. Floor-Ceiling Assembly - The fire-rated solid or trussed lumber joist floor-ceiling assembly shall be constructed of the materials and in the manner specified in the individual L500 Series Floor-Ceiling Design in the UL Fire Resistance Directory. The general construction details of the floor-ceiling assembly are summarized below:
 - A. Flooring System - Lumber or plywood subfloor with finish floor of lumber, plywood or Floor Topping Mixture* as specified in the individual Floor-Ceiling Design. Rectangular cutout in flooring to accommodate the bathtub drain piping (Item 2) to be max 8 by 12 in.
 - B. Wood Joists - Nom 2 by 10 in. lumber joists spaced 16 in. O.C. with nom 1 by 1 in. lumber bridging and with studs. A continuous lumber joist and steel joist, truss, or Structural Wood Member* with bridging as required with ends firestopped.
 - C. Furring Channels - Rigid galv steel furring channels installed perpendicular to wood joist (Item 1B) between wallboard (Item 1D) and wood joists as required in the individual Floor-Ceiling Design.
 - D. Wallboard Gypsum* - Nom 1/2 in. thick 4 ft wide 5/8 in. thick as specified in the individual Floor-Ceiling Design. Wallboard secured to wood joists as specified in the individual Floor-Ceiling Design.
 - E. Insulation - 3-1/2 in. thick foil-faced glass fiber batts. Supplied in rolls 23 in. wide. Density to be nom 0.70 pcf. Placed in stud cavity and secured to studs with 5/8 in. long steel staples spaced nom 12 in. O.C.

*Bearing the UL Classification Marking.

M WALL OPENING PROTECTIVE MATERIALS (CLIV)



1. Floor Assembly - The fire-rated wood truss or combination wood and steel truss Floor-Ceiling assembly shall be constructed of the materials and in the manner described in the individual L500 Series Design in the UL Fire Resistance Directory and shall include the following construction features:
 - A. Trusses - Min 12 in. deep parallel chord trusses fabricated from nom 2 by 4 in. lumber in conjunction with gyp steel truss plates or Structural Wood Members* with bridging as required.
 - B. Flooring - Nom 3/4 in. thick plywood flooring with or without Floor Topping Mixure*. Max diam of opening hole-sawed in flooring is 5 in.
 - C. Furring Channels - Rigid or resilient galv steel furring channels installed perpendicular to bottom chord of trusses.
 - D. Wallboard, Gypsum* - Nom 4 ft. wide by 5/8 in. thick, screw attached to furring channels. Max diam of hole-sawed opening in gypsum wallboard ceiling is 5 in.
2. Pipe or Conduit - Nom 4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe, steel conduit or steel EMT, or cast iron pipe or nom 3 in. diam (or smaller) Type L (or heavier) copper tubing. Pipe to be installed approx midway between trusses and centered in circular cutouts in flooring (Item 1B) and gypsum wallboard ceiling (Item 1D). Diam of circular cutouts in flooring and gypsum wallboard ceiling to be 1 1/4 in. to 1 1/2 in. larger than diam of pipe. Pipe to be rigidly supported on both sides of Floor-Ceiling assembly.
3. Fill - Void or Cavity Material* - Caulk-Caulk formed into annular space throughout the thickness of the flooring and gypsum wallboard ceiling and with a min 1/4 diam bead of caulk applied to perimeter of pipe at its entry from the top of the flooring and the underside of the gypsum wallboard ceiling.
 - A. Minnesota Mining & Mfg. Co. Type CP-25 WB, CP-25 WB* or UL Classification Marking

GWINNETT COUNTY
Department of Planning and Development

These project documents have been reviewed by applicable County Departments and have been found to be in substantial compliance with the applicable codes and regulations.

Sep 02, 2020

AUTHORIZED

STATE OF GEORGIA
COUNTY OF GWINNETT

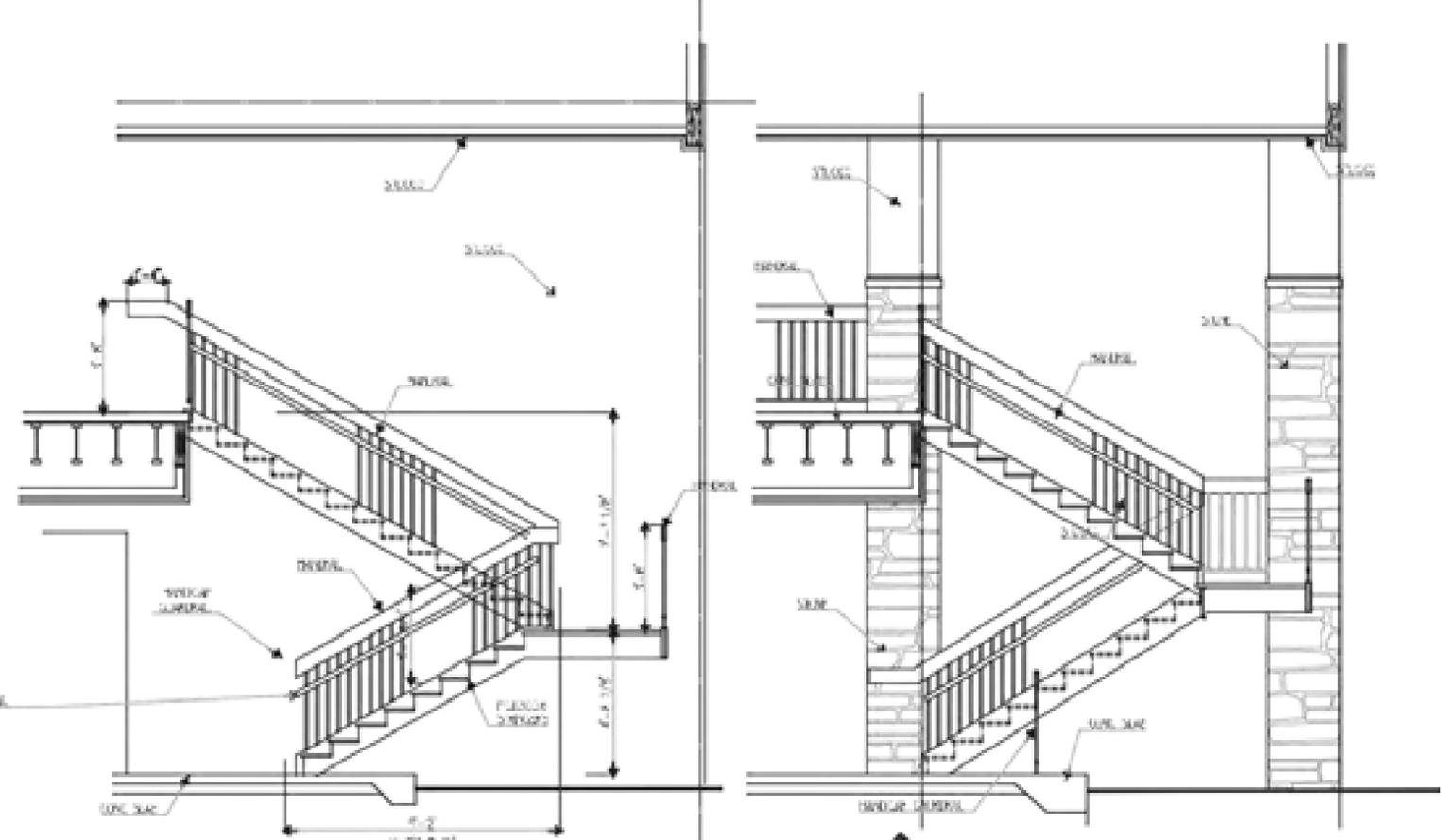
JIMMY CARTER CONY STORE
RATED ASSEMBLIES

TTA Design Group, Inc.
A-367

BLD2020-04937

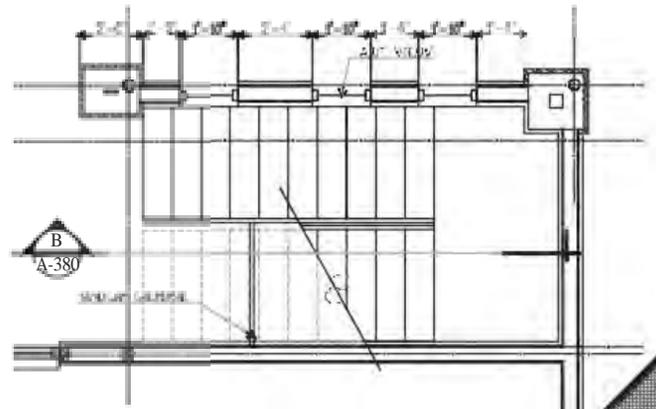
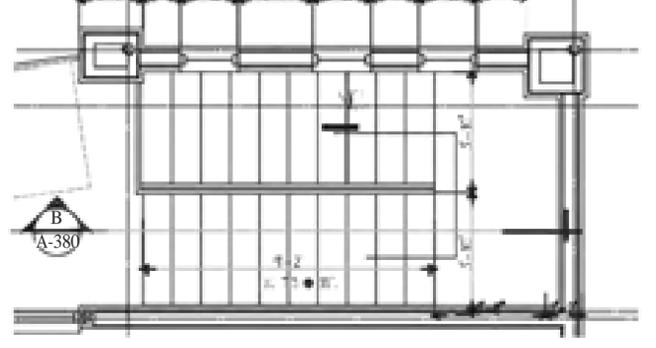
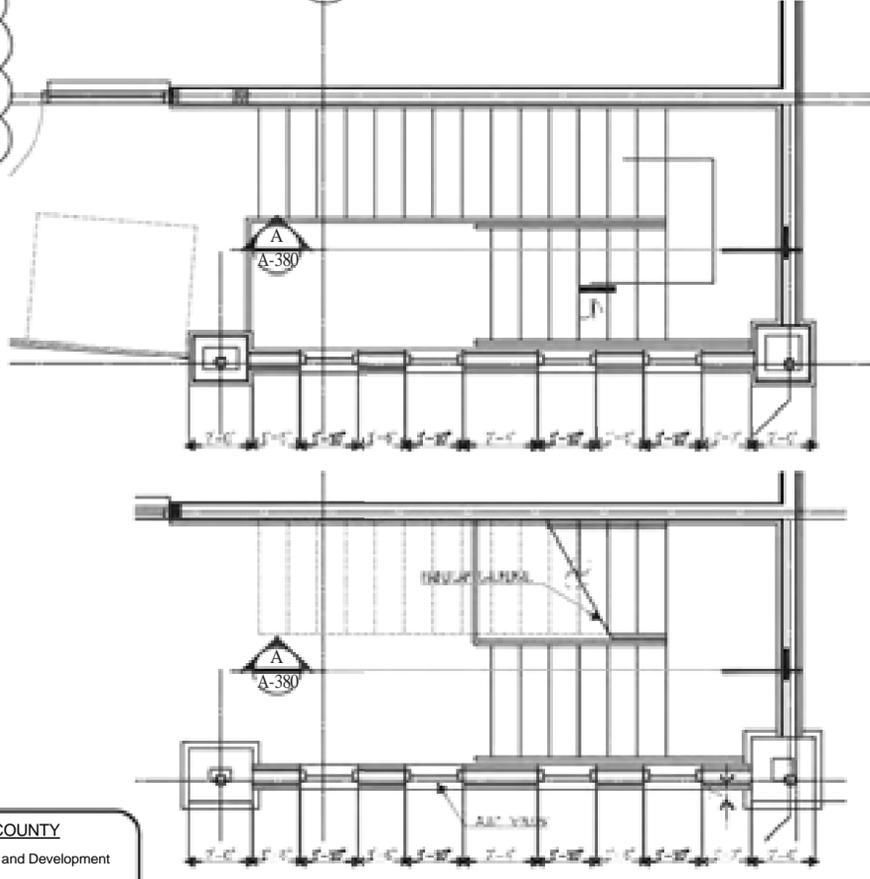
NOTE: GUARD RAILS SHALL BE PROVIDED AT THE OPEN SIDE OF MEANS OF EGRESS THAT EXCEED 30 INCHES ABOVE THE FLOOR OR THE FINISHED GROUND LEVEL. BELOW THEY SHALL BE 42 INCHES IN HEIGHT AND HAVE INTERMEDIATE RAILS/PICKETS SUCH THAT A SPHERE 4 INCHES IN DIAMETER IS NOT ABLE TO PASS THROUGH THE OPENING. LIFE SAFETY CODE 2018 EDITION SECTIONS 7.1.8 AND 7.2.2.4.5.

NOTE (HANDRAIL DETAILS) NEW HANDRAILS ON STAIRS AND RAMPS SHALL BE PROVIDED ON BOTH THE SIDES AND SHALL NOT BE LESS THAN 34 INCHES AND NOT MORE THAN 38 INCHES ABOVE THE SURFACE OF THE TREAD MEASURED VERTICALLY TO THE TOP OF THE RAIL FROM THE LEADING EDGE OF THE TREAD. NFPA LIFE SAFETY CODE 2018 EDITION SECTION 7.2.2.4 AND THE 2010 ADA ACCESSIBLE DESIGN.



A-380 SECTION @ STAIR 2

B-380 SECTION @ STAIR 1

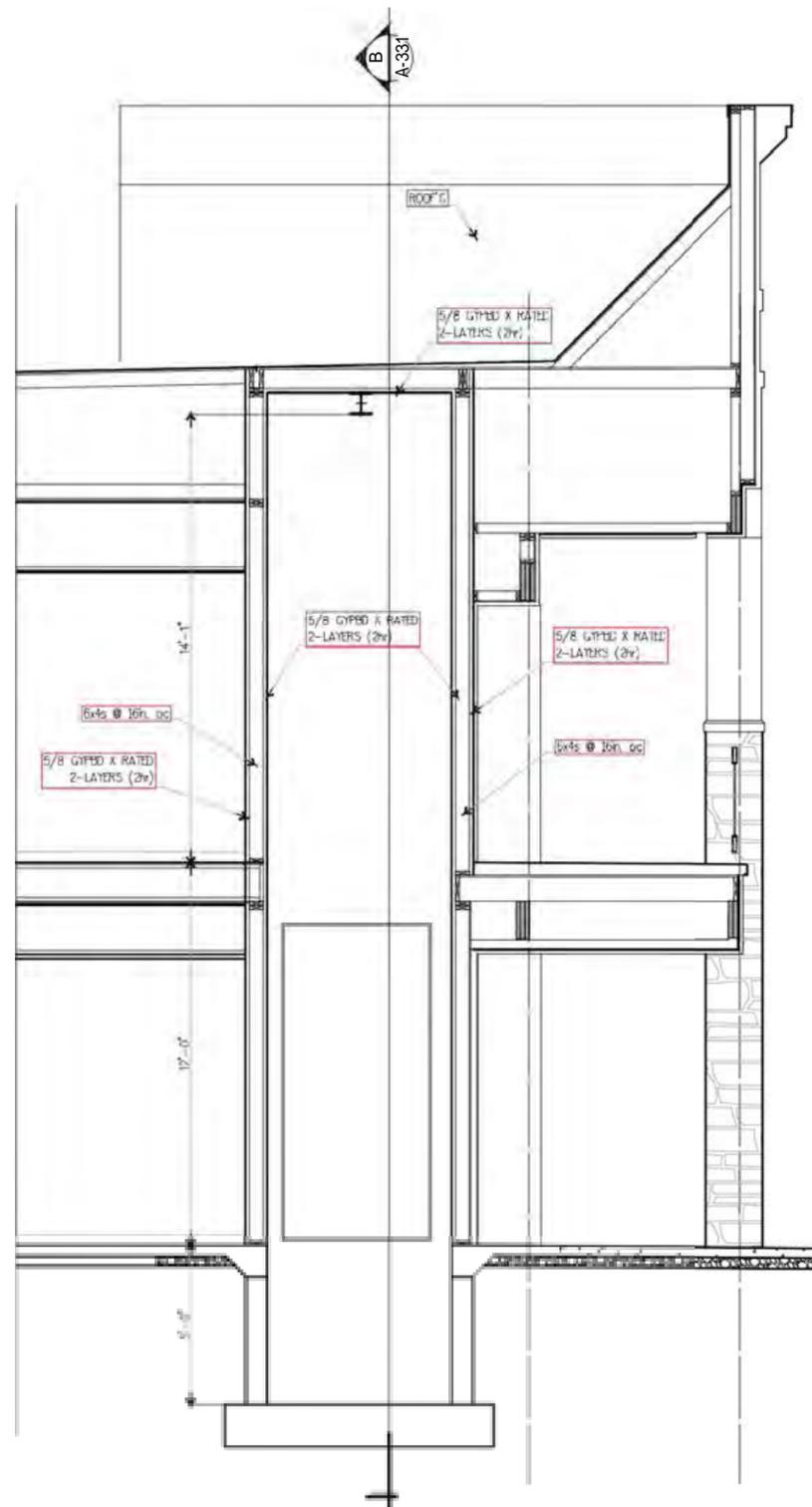


GWINNETT COUNTY
 Department of Planning and Development
 These project documents have been reviewed by applicable County Departments and have been found to be in substantial compliance with the applicable codes and regulations.
 Sep 02, 2020
 AUTHORIZED

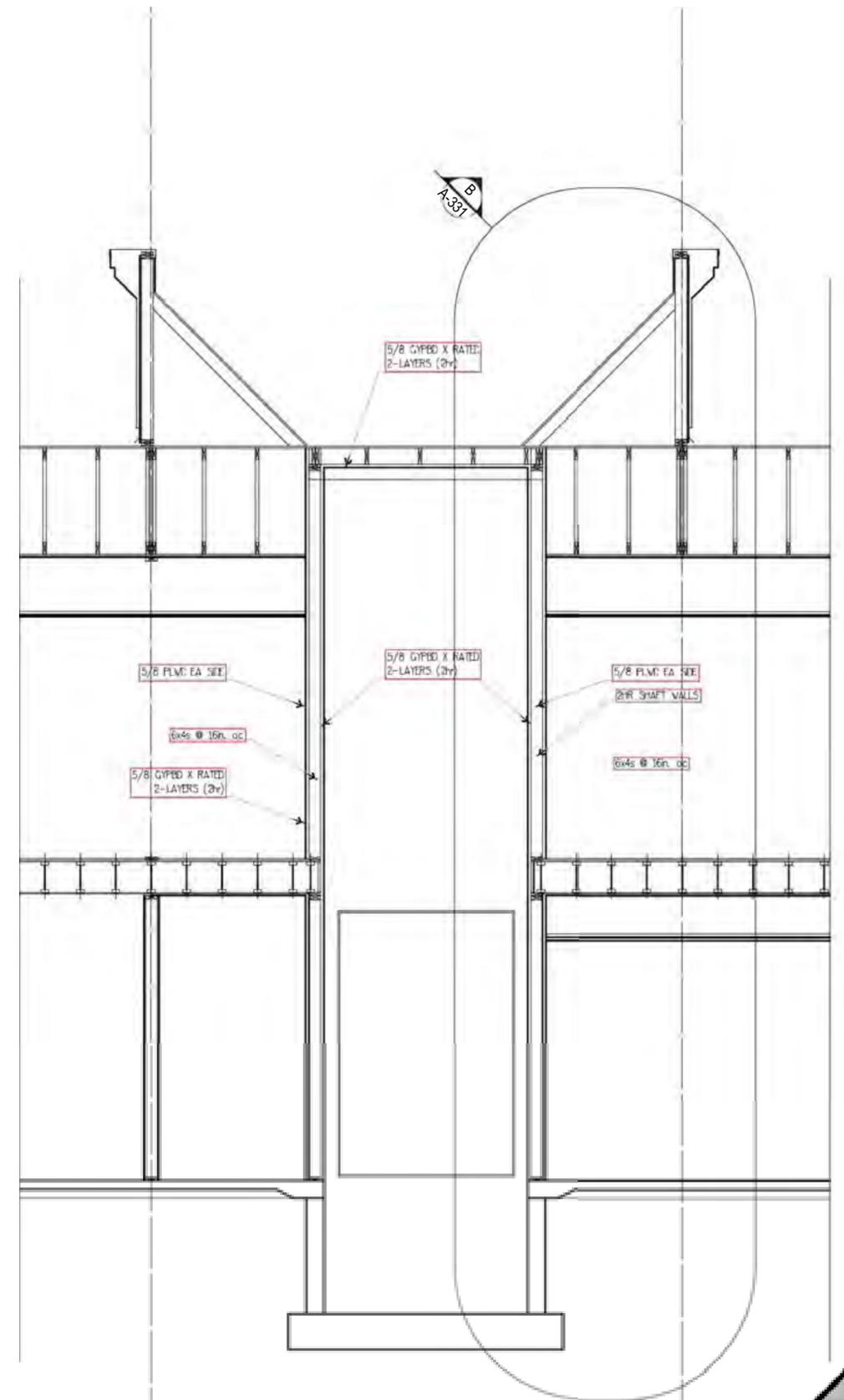
BLD2020-04937



JIMMY CARTER GROUP, INC.
 ARCHITECTURAL & ENGINEERING
 STAIR DETAILS
 Jimmy Carter Group, Inc.
 10000
 A-380



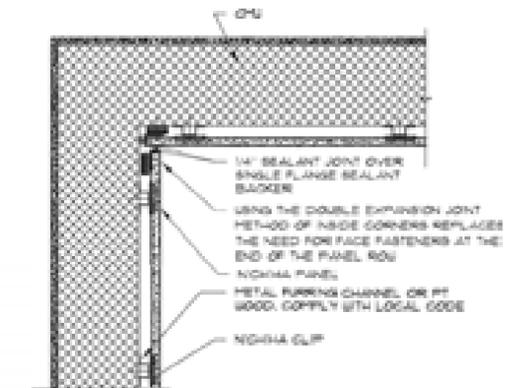
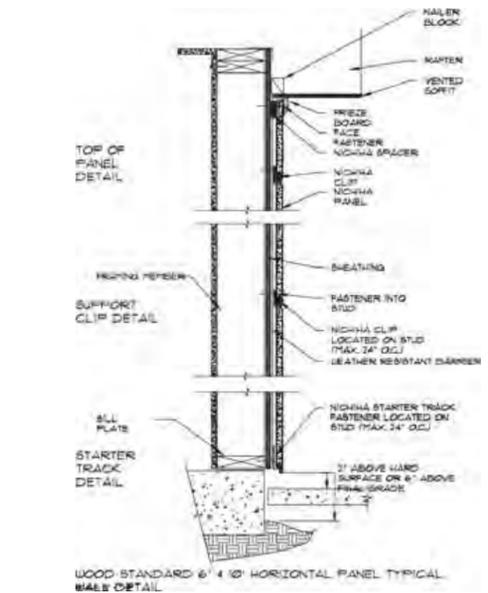
A SECTION @ STAIR 2
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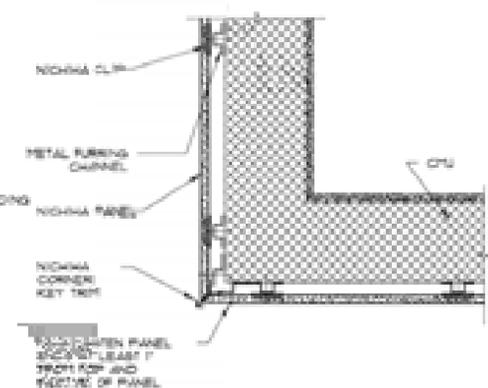
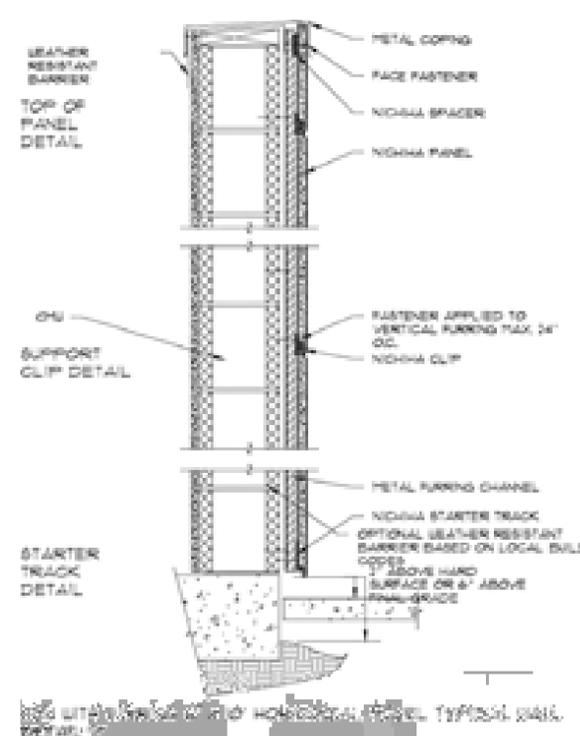
B SECTION @ STAIR 2
A-331



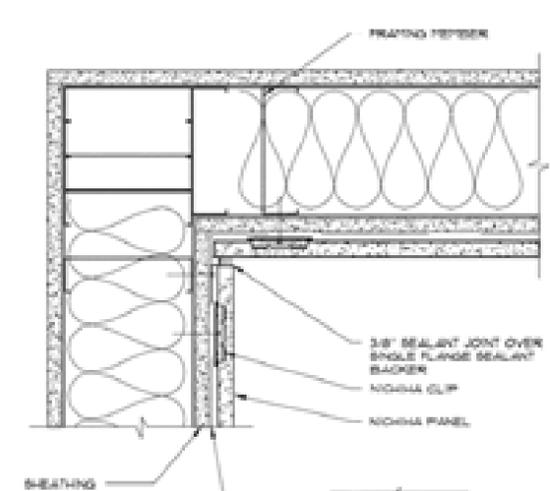
JIMMY CARTER CONV. STORE
 JIMMY CARTER BUILDING
ELEVATOR DETAILS
 JFA Design Group, Inc.
 1100 W. Peachtree Street, N.W.
 Atlanta, GA 30309
 404.525.1100
 www.jfa.com
 A-381



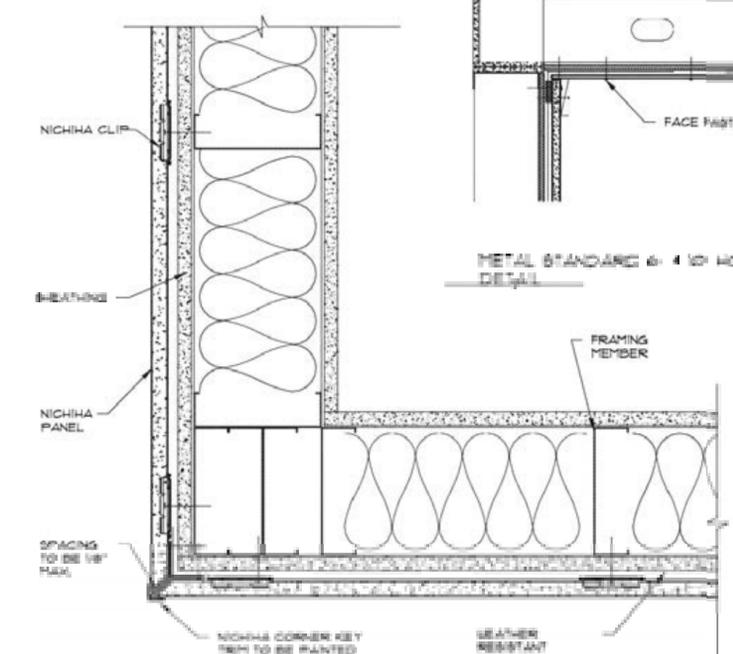
CMU WITH FURRING 6" x 4" x 10" HORIZONTAL PANEL INSIDE CORNER DETAIL - CMU BASED AS STOP



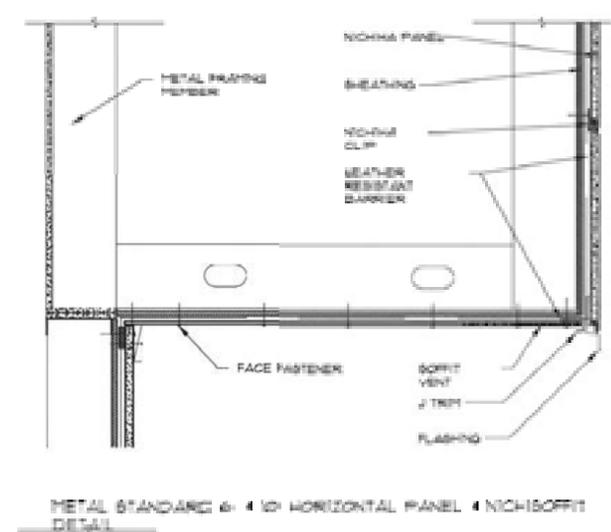
CMU WITH FURRING 6" x 4" x 10" HORIZONTAL PANEL OUTSIDE CORNER DETAIL - NITCHA CORNER KEY TRIM



METAL STUD PANEL INSIDE CORNER DETAIL SCALE 1/2" = 1'-0"



METAL STUD PANEL OUTSIDE CORNER DETAIL - NITCHA CORNER KEY TRIM



METAL STANDARD 6" x 4" x 10" HORIZONTAL PANEL NITCHASORTIT DETAIL

AT CONCRETE BLK OR EXIST'G WALLS

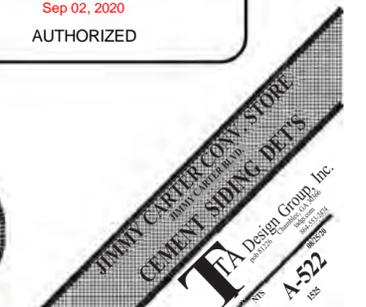
- NOTES:
1. THIS CONCEPTUAL DETAIL IS A GUIDE FOR INSTALLATION OF NITCHA PRODUCTS. ARCHITECTS/ENGINEERS/CONTRACTORS ARE RESPONSIBLE FOR SUCCESSFUL APPLICATION WHICH DEPENDS UPON SUBSTRATE DESIGN AND CONSTRUCTION BUILT IN ACCORDANCE WITH BEST PRACTICES AND LOCAL BUILDING CODES.
 2. NITCHA PANEL (REPRESENTED HERE IS 5/8" NITCHA PRODUCT, ADJUST ACCORDINGLY FOR OTHER NITCHA PRODUCT THICKNESSES).
 3. SHEATHING (REPRESENTED HERE IS 1/2" PLYWOOD OR 1/4" OSB IF USING OTHER THICKNESSES ADJUST ACCORDINGLY).
 4. METAL FRAMING MEMBERS MUST BE A MINIMUM OF 18 GA.
 5. SORTIT NOT TO BE DEEPER THAN THREE PANELS.
 6. INSIDE SORTIT RECOMMEND PROVIDING SLIGHT SLOPE DOWNWARDS TOWARDS FLASHING TO EVACUATE MOISTURE.
 7. NICHASORTIT FACE FASTENED INTO FRAMING AT 8" O.C.

AT METAL WALLS

**THESE DETAILS ARE FOR REFERANCE & EXAMPLE ONLY
FIELD REQUIREMENTS PREVAIL.**

GWINNETT COUNTY
Department of Planning and Development
These project documents have been reviewed by applicable County Departments and have been found to be in substantial compliance with the applicable codes and regulations.
Sep 02, 2020
AUTHORIZED

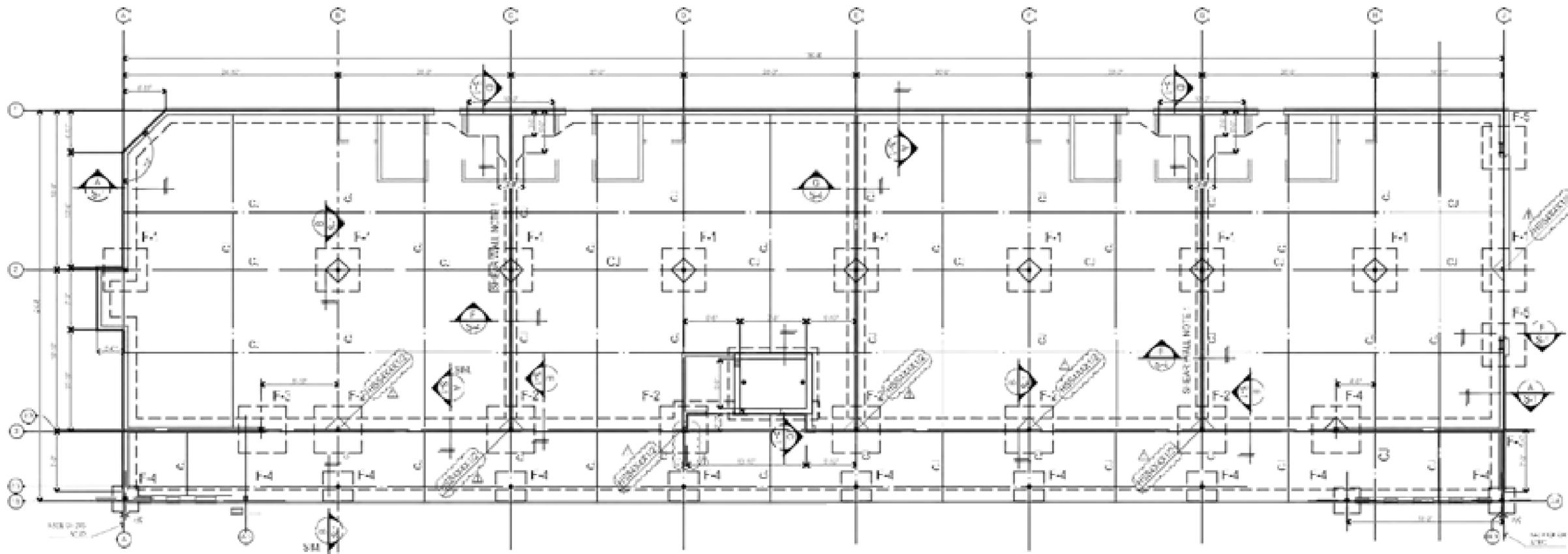
BLD2020-04937



A-522

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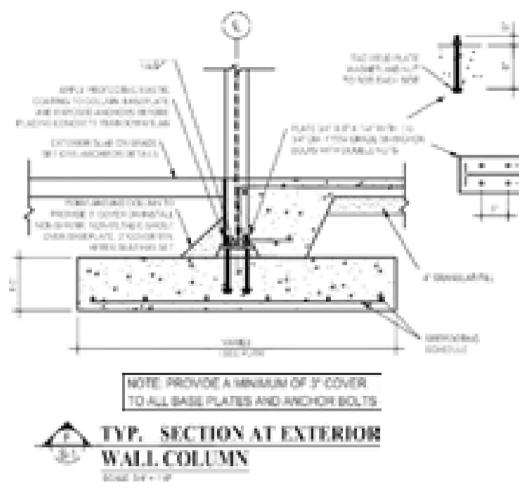
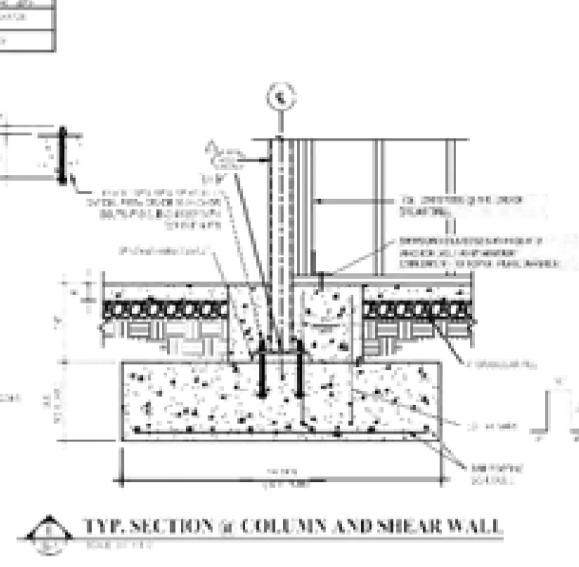
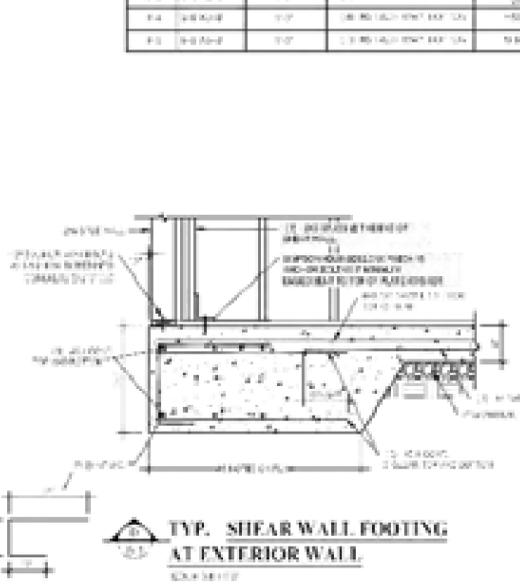
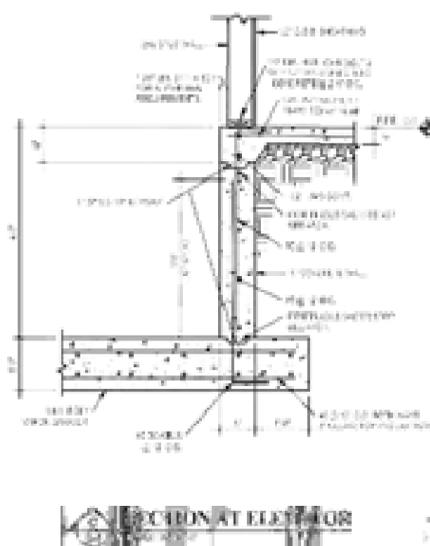
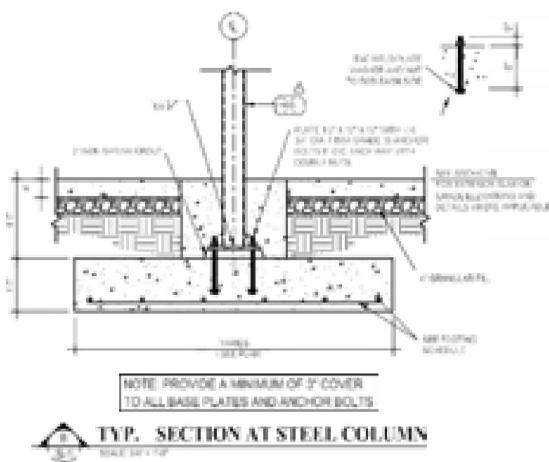
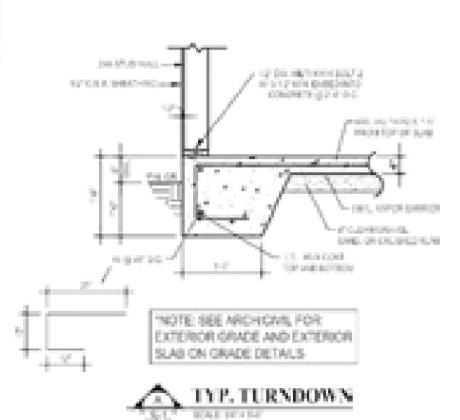
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| Drawn | Proj. No. |
| W. STEPHEN | 17-113 |
| Checked | Date |
| S. ARCOCK | 06/06/17 |
| Sheet Number | |

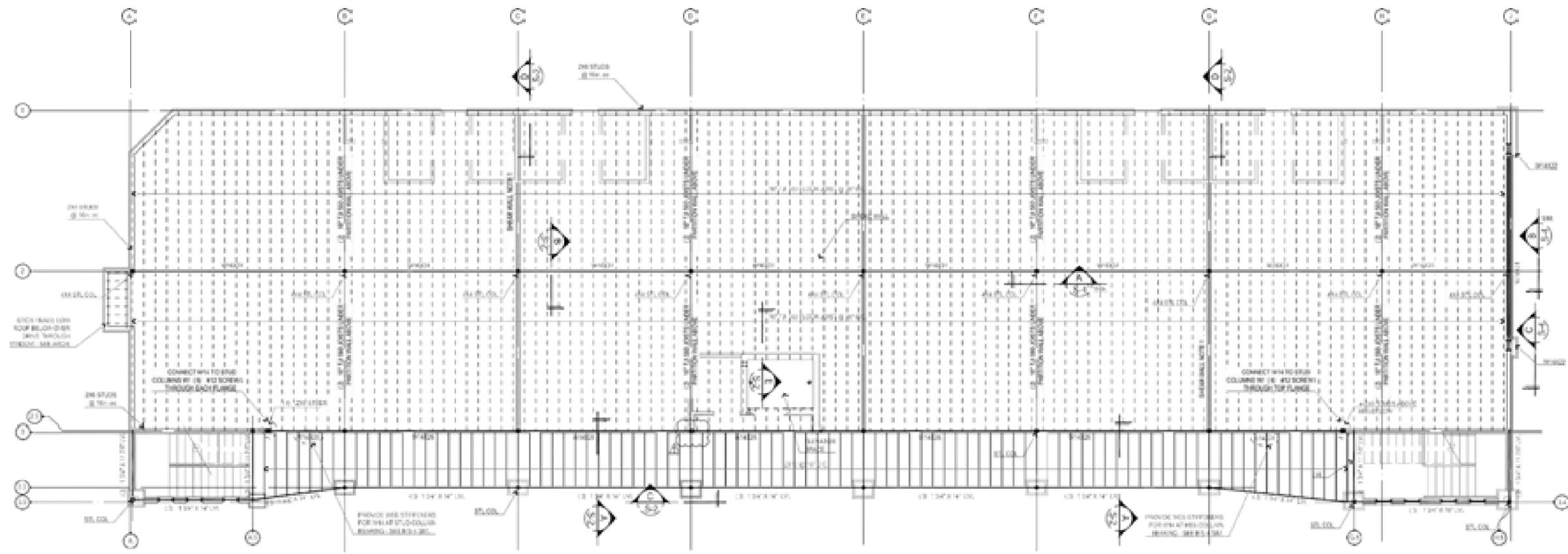


FOUNDATION PLAN
 SCALE 1/8" = 1'-0"

| NO. | SIZE | REMARKS | REVISION | BY/CHKD |
|-----|-----------|--|----------|-----------|
| #1 | 3/8" x 6" | 1/2" REBAR WITH 6" x 6" x 1/2" x 1/2" x 1/2" | 17-002 | W.S./S.A. |
| #2 | 3/8" x 6" | 1/2" REBAR WITH 6" x 6" x 1/2" x 1/2" x 1/2" | 17-002 | W.S./S.A. |
| #3 | 3/8" x 6" | 1/2" REBAR WITH 6" x 6" x 1/2" x 1/2" x 1/2" | 17-002 | W.S./S.A. |
| #4 | 3/8" x 6" | 1/2" REBAR WITH 6" x 6" x 1/2" x 1/2" x 1/2" | 17-002 | W.S./S.A. |
| #5 | 3/8" x 6" | 1/2" REBAR WITH 6" x 6" x 1/2" x 1/2" x 1/2" | 17-002 | W.S./S.A. |

CONCRETE SHALL BE 4000 PSI STRENGTH, 4" MINIMUM COVER TO ALL REBAR. ALL REBAR SHALL BE 3/8" DIA. UNLESS OTHERWISE NOTED. ALL REBAR SHALL BE WELDED TOGETHER AT ALL INTERSECTIONS. ALL REBAR SHALL BE TYPED AND SIZED AS SHOWN. ALL REBAR SHALL BE PLACED AS SHOWN. ALL REBAR SHALL BE PLACED AS SHOWN. ALL REBAR SHALL BE PLACED AS SHOWN.

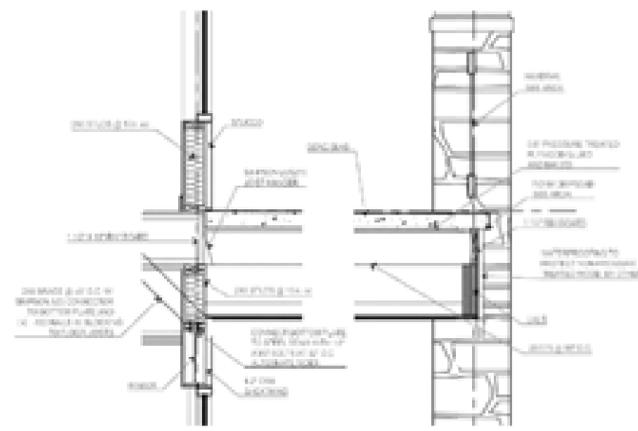




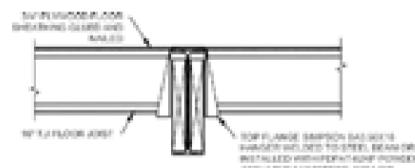
SECOND FLOOR PLAN

1. ALL STEEL JOIST CONNECTIONS SHALL BE MADE WITH AISC APPROVED BOLTS AND WELDS. ALL WELDS SHALL BE MADE WITH E70T-1 ELECTRODES. ALL WELDS SHALL BE FULL PENETRATION BUTT JOINTS. ALL WELDS SHALL BE MADE BY A WELDER WHO IS QUALIFIED TO WELD TO THE AISC CODE OF QUALITY CONFORMANCE FOR STRUCTURAL STEEL. ALL WELDS SHALL BE MADE IN ACCORDANCE WITH THE AISC CODE OF QUALITY CONFORMANCE FOR STRUCTURAL STEEL. ALL WELDS SHALL BE MADE IN ACCORDANCE WITH THE AISC CODE OF QUALITY CONFORMANCE FOR STRUCTURAL STEEL.

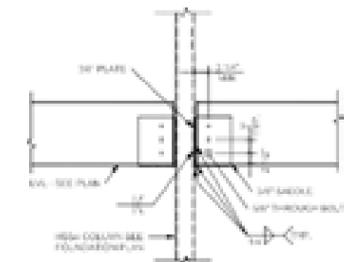
2. ALL STEEL JOIST CONNECTIONS SHALL BE MADE WITH AISC APPROVED BOLTS AND WELDS. ALL WELDS SHALL BE MADE WITH E70T-1 ELECTRODES. ALL WELDS SHALL BE FULL PENETRATION BUTT JOINTS. ALL WELDS SHALL BE MADE BY A WELDER WHO IS QUALIFIED TO WELD TO THE AISC CODE OF QUALITY CONFORMANCE FOR STRUCTURAL STEEL. ALL WELDS SHALL BE MADE IN ACCORDANCE WITH THE AISC CODE OF QUALITY CONFORMANCE FOR STRUCTURAL STEEL. ALL WELDS SHALL BE MADE IN ACCORDANCE WITH THE AISC CODE OF QUALITY CONFORMANCE FOR STRUCTURAL STEEL.



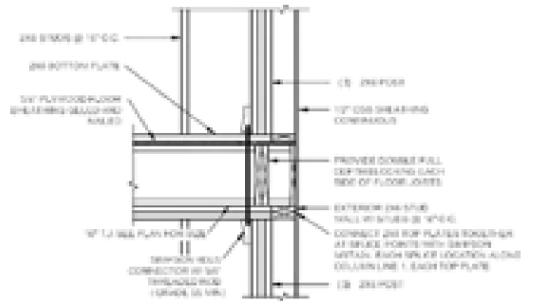
WALKWAY DETAIL
 SCALE: 1/4" = 1'-0"



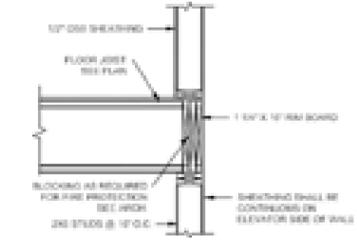
TYP. CONNECTION AT STEEL BEAM
 SCALE: 3/4" = 1'-0"



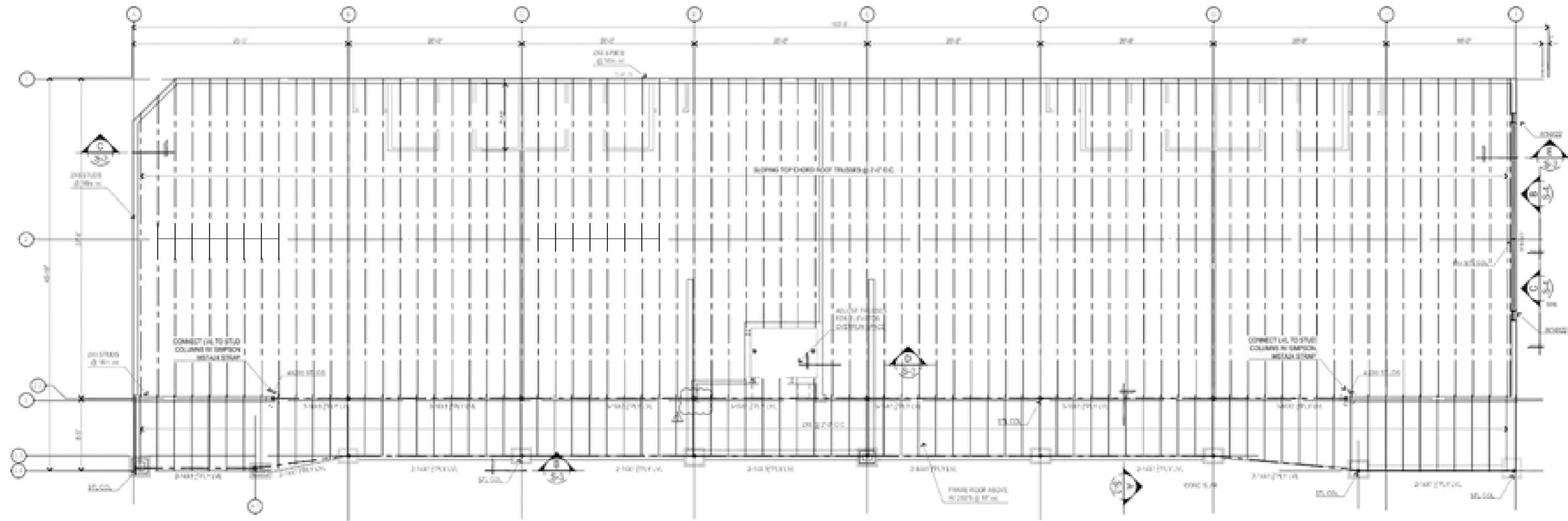
TYP. LVL TO COLUMN CONNECTION
 SCALE: 3/4" = 1'-0"



TYP. CONNECTION AT SHEAR WALL END POST - 2NDFLOOR
 SCALE: 3/4" = 1'-0"



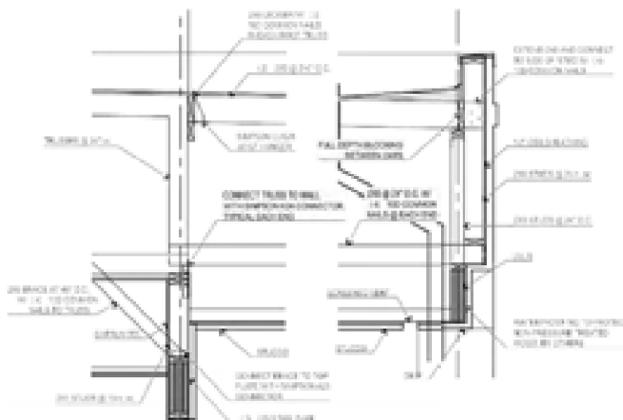
TYP. SECTION AT ELEVATOR
 SCALE: 3/4" = 1'-0"



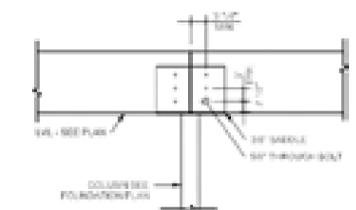
ROOF FRAMING PLAN

SCALE: 1/8\"/>

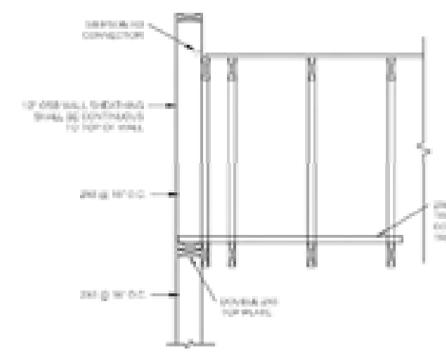
NOTE: PEAKS AT STOREROOM ON COLUMN LVL. SHALL BE 12' 1/4\"/>



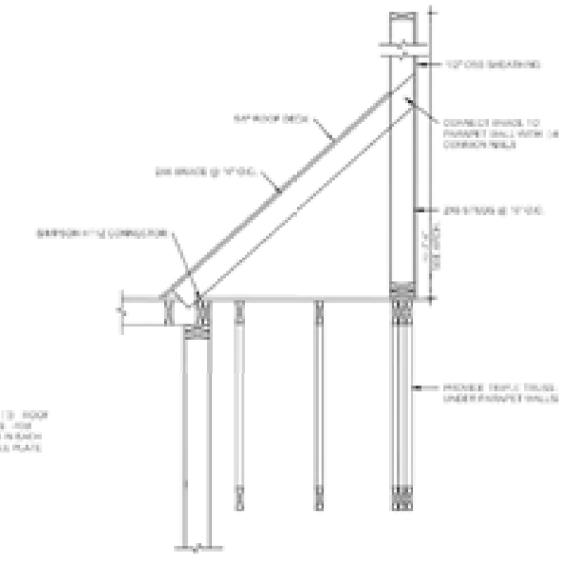
WALKWAY DETAIL



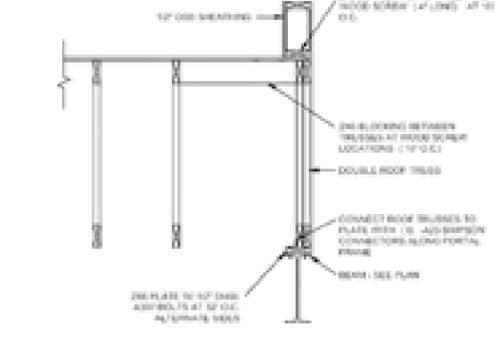
TYP. LVL TO LVL CONNECTION



TYP. CONNECTION AT ROOF



TYP. SECTION AT PARAPET WALL



TYP. CONNECTION AT ROOF

SHEET TITLE

ROOF FRAMING PLAN AND DETAILS

| NO. | DESCRIPTION |
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DATE

JIMMY CARTER CONVENIENCE STORE
TA DESIGN GROUP, INC.
JIMMY CARTER BLVD
PEACHTREE CORNERS, GEORGIA

| | |
|--------------|-----------|
| Drawn | Proj. No. |
| W. STEPHAN | 17-113 |
| Checked | Date |
| D. ARCOCK | 06/06/17 |
| Sheet Number | |

MICROCAL SPECIFICATIONS

1.0 GENERAL

- 1.1 In-charge of work, equipment, services, labor, or materials necessary for the installation of complete functional mechanical system, including, but not limited to, the drawings and specifications and any other information provided by the contractor shall be the responsibility of the contractor. The contractor shall be responsible for the coordination of all work with the other trades as necessary to avoid conflicts and to provide for the proper installation of the work.
- 1.2 The drawings and specifications and any other information provided by the contractor shall be the responsibility of the contractor. The contractor shall be responsible for the coordination of all work with the other trades as necessary to avoid conflicts and to provide for the proper installation of the work.
- 1.3 Review the contract documents and drawings at the job site prior to the start of work. Verify the accuracy of the drawings and specifications against the actual field conditions. Report any discrepancies to the architect immediately.
- 1.4 All work shall comply with applicable state, local, and national codes (including OSHA).
- 1.5 Obtain and pay for any and all required permits, inspector's certificates of approval, and the like and shall deliver such certificates to the Owner.
- 1.6 Locations for supply and return devices, ductwork, equipment, piping, valves, etc., shall be coordinated with the other trades prior to the start of work. Coordinate each location with the other trades at the job site to avoid conflicts and to provide for the proper installation of the work.
- 1.7 Provide a clean and safe work area. Protect existing work and materials from damage. Maintain clear access to all work areas.
- 1.8 Provide only the best materials and equipment listed on the drawings and specifications. Obtain samples of all materials and equipment for the architect's approval.
- 1.9 Test and adjust all work with all local, state, and national codes.
- 1.10 A warrant of materials, equipment, and workmanship shall be provided by these documents to be free of defects for a period of one year from the time of acceptance by the Owner.

2.0 PIPING, FITTINGS, PIPE HANGERS/SUPPORTS, & INSULATION

- 2.1 Coordinate with the other trades for the installation of piping and in accordance with Section 307.2.1 of the 2015 IMC.

3.0 DUCTWORK, ACCESSORIES, & DUCT INSULATION

- 3.1 Provide all ductwork, accessories, and duct insulation in accordance with the drawings and specifications. Ductwork shall be installed in a clean and dry area. Ductwork shall be supported by hangers and supports. Ductwork shall be insulated with the insulation specified on the drawings and specifications. Ductwork shall be tested and adjusted in accordance with the drawings and specifications.
- 3.2 Supply dampers, branch dampers, turn-in vanes, duct transition, etc., shall be installed generally where shown on the drawings and where required for proper operation.
- 3.3 Round and rectangular ductwork shall meet the gauges and conditions listed on the drawings and specifications. Round ductwork shall be installed in a clean and dry area. Round ductwork shall be supported by hangers and supports. Round ductwork shall be insulated with the insulation specified on the drawings and specifications. Round ductwork shall be tested and adjusted in accordance with the drawings and specifications.
- 3.4 Flexible ductwork shall be UL #81 Class. Flexible ductwork shall be installed in a clean and dry area. Flexible ductwork shall be supported by hangers and supports. Flexible ductwork shall be insulated with the insulation specified on the drawings and specifications. Flexible ductwork shall be tested and adjusted in accordance with the drawings and specifications.
- 3.5 Round ductwork shall have the hanger fastener as specified for rectangular ductwork listed in 3.1.1.
- 3.6 Rectangular supply and return air ducts above ceiling shall be insulated with the insulation specified on the drawings and specifications. Insulation shall be installed in a clean and dry area. Insulation shall be supported by hangers and supports. Insulation shall be tested and adjusted in accordance with the drawings and specifications.
- 3.7 Insulation shall be installed in a clean and dry area. Insulation shall be supported by hangers and supports. Insulation shall be tested and adjusted in accordance with the drawings and specifications.
- 3.8 Round ductwork shall have the hanger fastener as specified for rectangular ductwork listed in 3.1.1.

3.10 Rectangular supply and return air ducts above ceiling

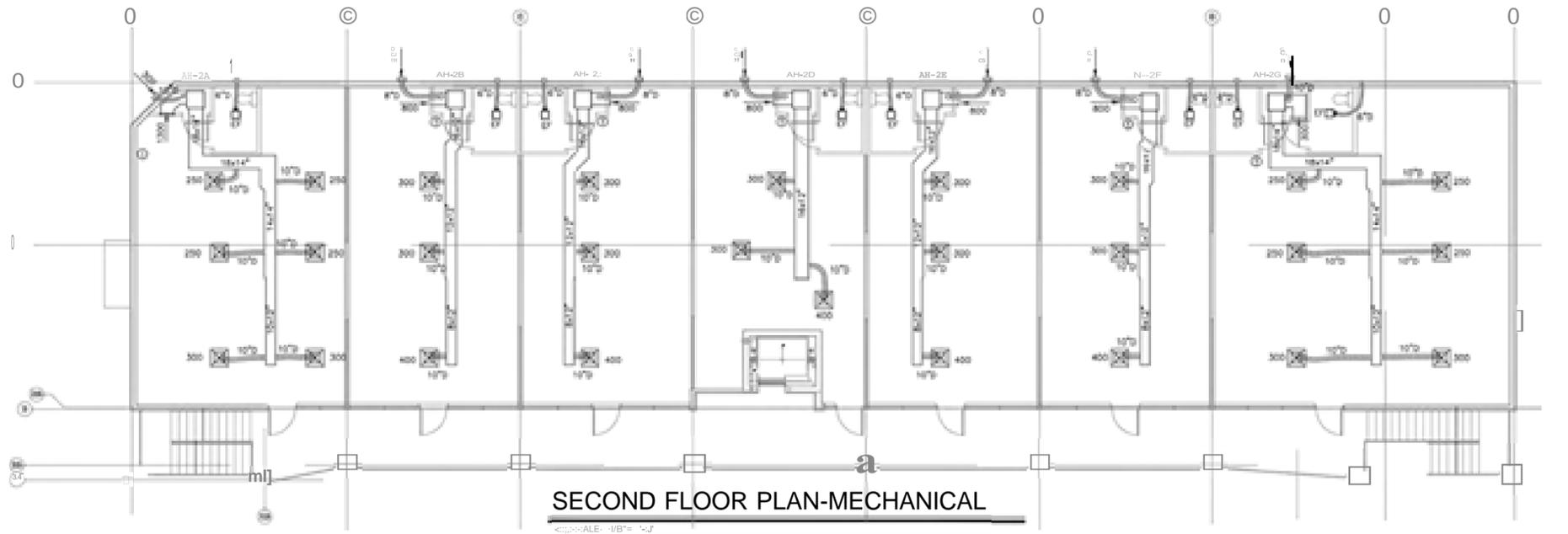
- 3.10.1 Rectangular supply and return air ducts above ceiling shall be insulated with the insulation specified on the drawings and specifications. Insulation shall be installed in a clean and dry area. Insulation shall be supported by hangers and supports. Insulation shall be tested and adjusted in accordance with the drawings and specifications.
- 3.10.2 Insulation shall be installed in a clean and dry area. Insulation shall be supported by hangers and supports. Insulation shall be tested and adjusted in accordance with the drawings and specifications.
- 3.10.3 Insulation shall be installed in a clean and dry area. Insulation shall be supported by hangers and supports. Insulation shall be tested and adjusted in accordance with the drawings and specifications.
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- 3.10.6 Insulation shall be installed in a clean and dry area. Insulation shall be supported by hangers and supports. Insulation shall be tested and adjusted in accordance with the drawings and specifications.
- 3.10.7 Insulation shall be installed in a clean and dry area. Insulation shall be supported by hangers and supports. Insulation shall be tested and adjusted in accordance with the drawings and specifications.
- 3.10.8 Insulation shall be installed in a clean and dry area. Insulation shall be supported by hangers and supports. Insulation shall be tested and adjusted in accordance with the drawings and specifications.
- 3.10.9 Insulation shall be installed in a clean and dry area. Insulation shall be supported by hangers and supports. Insulation shall be tested and adjusted in accordance with the drawings and specifications.
- 3.10.10 Insulation shall be installed in a clean and dry area. Insulation shall be supported by hangers and supports. Insulation shall be tested and adjusted in accordance with the drawings and specifications.

4.0 ELECTRICAL

- 4.1 All equipment shall be installed in accordance with the drawings and specifications. Equipment shall be supported by hangers and supports. Equipment shall be tested and adjusted in accordance with the drawings and specifications.

5.0 TEST AND BALANCE

- 5.1 All equipment shall be tested and balanced in accordance with the drawings and specifications. Testing and balancing shall be performed by a qualified professional. Testing and balancing shall be documented and submitted to the architect for approval.



SECOND FLOOR PLAN-MECHANICAL

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

FANS

| TAG | MODEL # | TYPE | DUTY | PHASE | LIST | MAX. HP | WATER | WATER | DRIVE | WEIGHT | NOTES | ACCESSORIES |
|-----|---------------|--------|---------|-------|-------|---------|-------|-------|-------|--------|-------|-------------|
| EF | JULIUS JC 14L | CULLED | TOILETS | 3 | C-375 | 59HP | 1100 | 2.2 | DIREC | 15 | | 1,2 |

NOTE:
1. FAN TO BE 11-1/2" JETLOCKED W-4 LIGHT SWITCH
2. PROVIDE WITH WALL CAP 705-C

BASES OF DESIGN: AS NOTED, EOLIAL EY, LOC, 1<, ADVICE, PERM

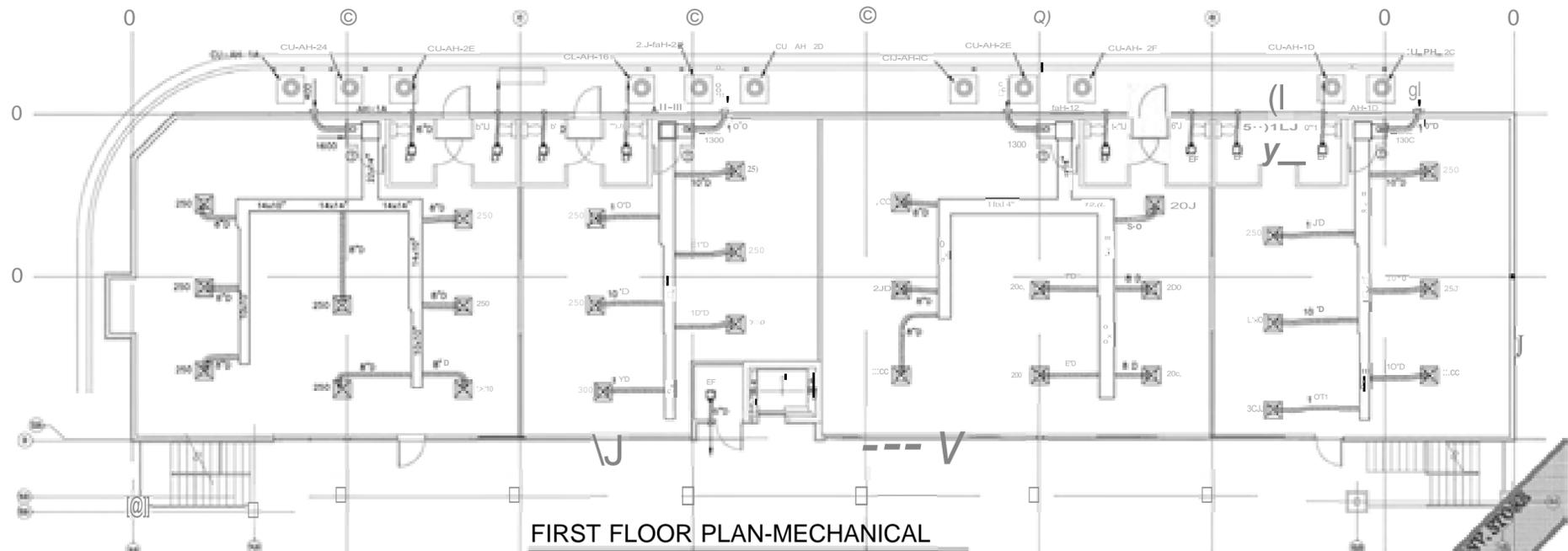
NOTE:
1. CONTRACTOR SHALL SELECT EQUIPMENT TO MEET THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SELECTION OF THE EQUIPMENT AND FOR THE PROVISION OF THE NECESSARY SUPPORTS AND HANGERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF THE NECESSARY ELECTRICAL AND MECHANICAL SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF THE NECESSARY TESTING AND BALANCING SERVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF THE NECESSARY DOCUMENTATION SERVICES.

GRILLES & DIFFUSERS

| SERIES | TYPICALS | DUTY | GRILLE/ DIFFUSER | SIZE | MATERIAL | ACCESSORIES |
|------------|--------------------------|--------|------------------|-------|----------|-------------|
| TITUS TMS4 | SQUARE LOUVERED DIFFUSER | SUPPLY | YES | 24X24 | STEEL | |
| TMS SOF | 1"X12" ALUMINUM GRILLE | RETURN | NO | L4X4 | STEEL | |

NOTE:
1. REFER TO ARCHITECTURAL DRAWINGS FOR TYPE OF CEILING AND SUSPENSION SYSTEM.
2. UNLESS SHOWN OTHERWISE, ALL GRILLES AND DIFFUSERS SHALL BE 1/2" THICK.
3. RUNOUTS TO BE 1/4" MINIMUM.
4. PROVIDE SQUARE/RECTANGULAR TO ROUND TRIM: 1/4" MINIMUM WHERE INDICATED ON DRAWINGS. SEE F.L.L.S. FOR COLOR SIZE.

ACCESSORIES:
1. PROVIDE PARTIAL-TURN COPPERS FOR ADJUSTMENT TO LEFT/RIGHT AND FORWARD/REAR AIR DISCHARGE.
2. PROVIDE WITH 8" HIGH FLEXIBLE WITH ROUND 20LARS (SIZE AS INDICATED) WHERE INDICATED ON DRAWINGS.



FIRST FLOOR PLAN-MECHANICAL

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

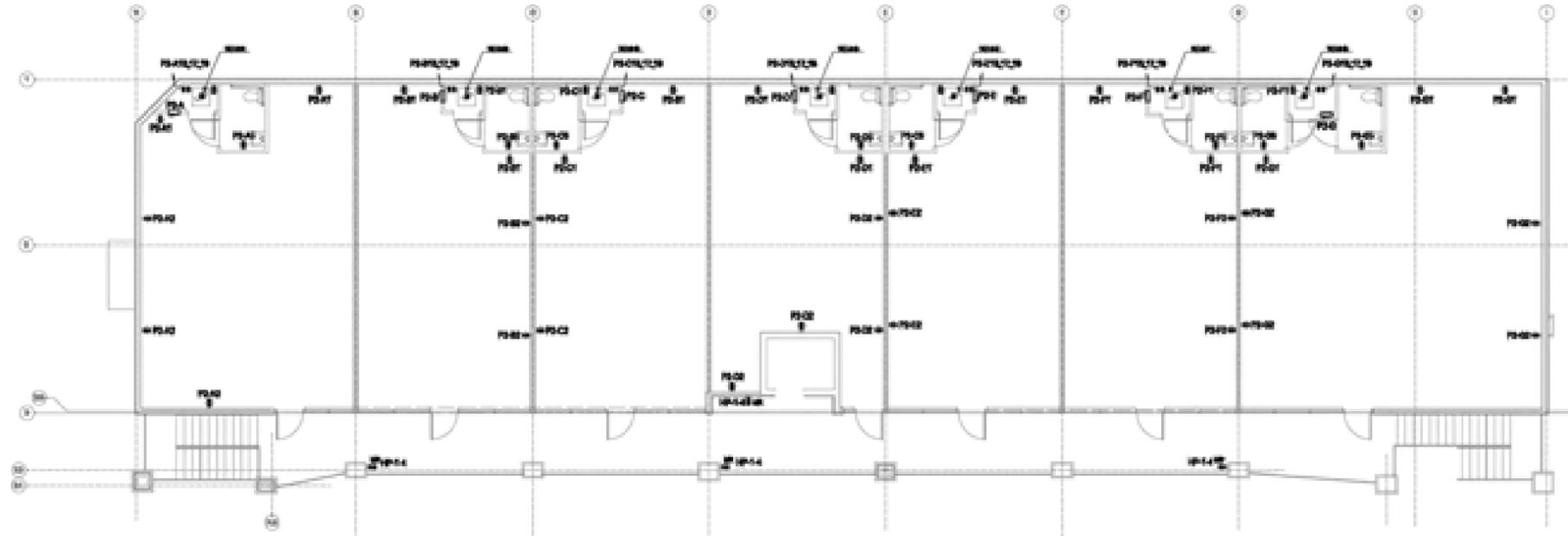
NEAR PUMP SCHEDULE

| SIZE | TYPE | DESCRIPTION | QUANTITY | UNIT | PRICE | TOTAL |
|------|------|-------------|----------|------|-------|--------|
| 12" | DUCT | DUCTWORK | 100 | LF | 1.50 | 150.00 |
| 18" | DUCT | DUCTWORK | 50 | LF | 2.50 | 125.00 |
| 24" | DUCT | DUCTWORK | 20 | LF | 4.00 | 80.00 |
| 30" | DUCT | DUCTWORK | 10 | LF | 6.00 | 60.00 |
| 36" | DUCT | DUCTWORK | 5 | LF | 8.00 | 40.00 |
| 42" | DUCT | DUCTWORK | 2 | LF | 10.00 | 20.00 |
| 48" | DUCT | DUCTWORK | 1 | LF | 12.00 | 12.00 |
| 54" | DUCT | DUCTWORK | 1 | LF | 14.00 | 14.00 |
| 60" | DUCT | DUCTWORK | 1 | LF | 16.00 | 16.00 |
| 66" | DUCT | DUCTWORK | 1 | LF | 18.00 | 18.00 |
| 72" | DUCT | DUCTWORK | 1 | LF | 20.00 | 20.00 |
| 78" | DUCT | DUCTWORK | 1 | LF | 22.00 | 22.00 |
| 84" | DUCT | DUCTWORK | 1 | LF | 24.00 | 24.00 |
| 90" | DUCT | DUCTWORK | 1 | LF | 26.00 | 26.00 |
| 96" | DUCT | DUCTWORK | 1 | LF | 28.00 | 28.00 |
| 102" | DUCT | DUCTWORK | 1 | LF | 30.00 | 30.00 |
| 108" | DUCT | DUCTWORK | 1 | LF | 32.00 | 32.00 |
| 114" | DUCT | DUCTWORK | 1 | LF | 34.00 | 34.00 |
| 120" | DUCT | DUCTWORK | 1 | LF | 36.00 | 36.00 |

PROJECT: [REDACTED]
 DRAWING NO: [REDACTED]
 DATE: [REDACTED]
 SCALE: [REDACTED]
 SHEET NO: [REDACTED]
 TOTAL SHEETS: [REDACTED]

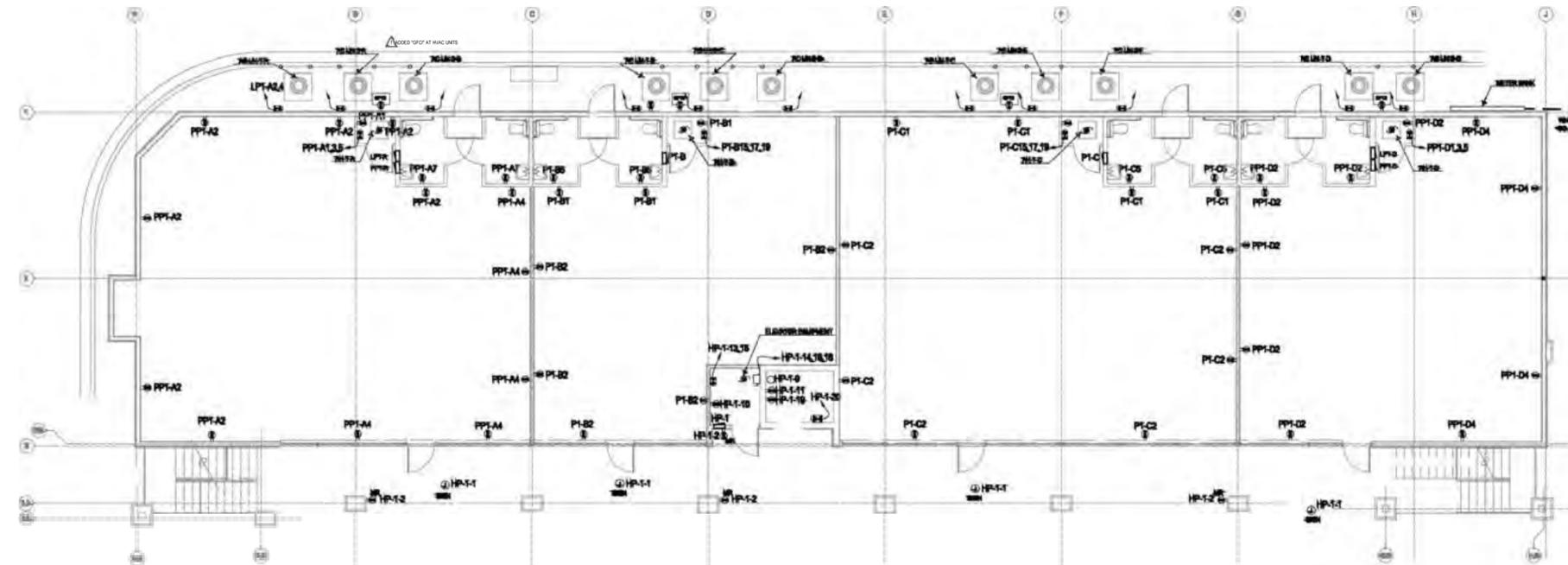
DESIGNED BY: [REDACTED]
 CHECKED BY: [REDACTED]
 APPROVED BY: [REDACTED]

DATE: [REDACTED]



SECOND FLOOR PLAN-ELECT. POWER

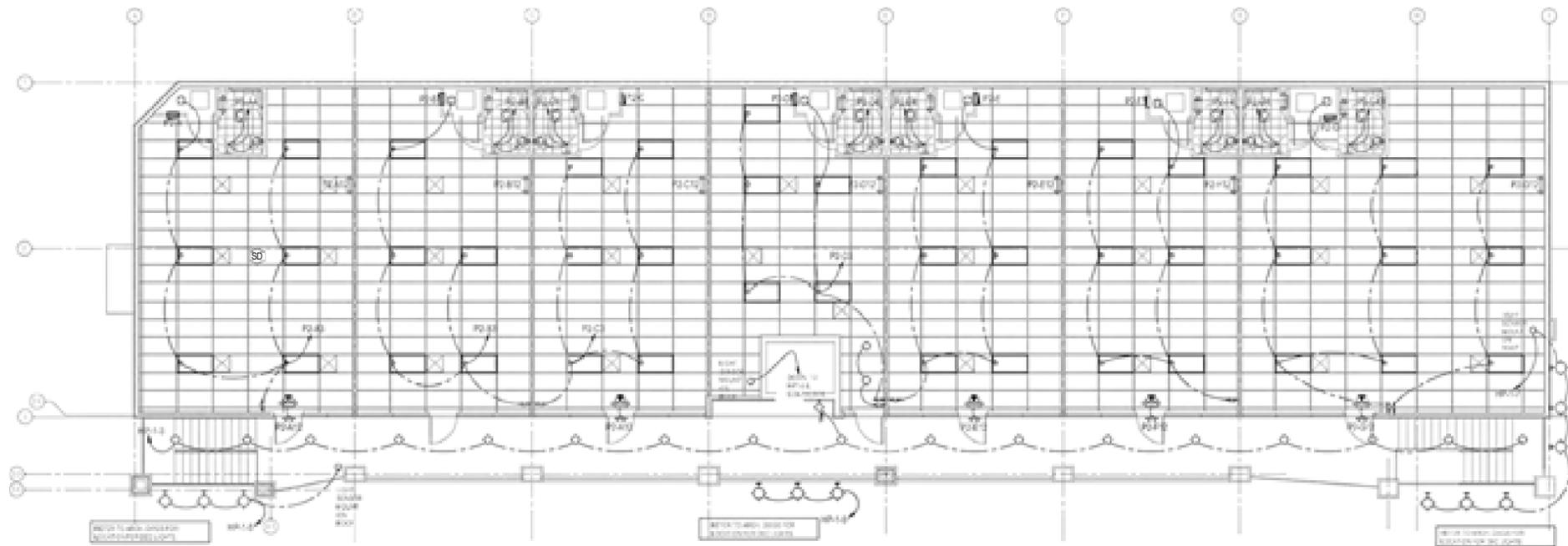
SCALE: 1/8"=1'-0"



FIRST FLOOR PLAN-ELECT. POWER

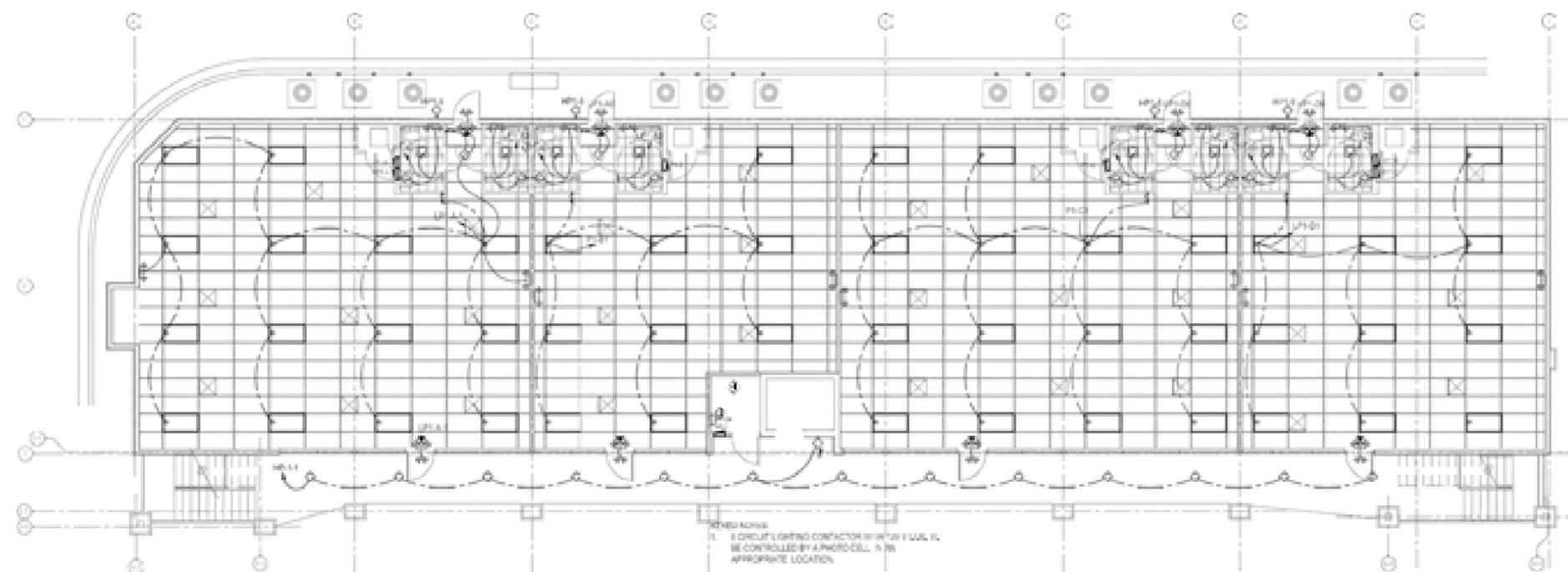
SCALE: 1/8"=1'-0"





SECOND FLOOR PLAN-ELECT. LIGHTING

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



FIRST FLOOR PLAN-ELECT. LIGHTING

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

PLUMBING SPECIFICATIONS

1.0 GENERAL:

- 1.1 Provide all work, equipment, services, labor, and materials necessary for the installation of complete and functional waste, vent domestic cold water, and domestic hot water piping systems, fixtures, and equipment as described or implied by the contract documents.
- 1.2 The drawings are diagrammatic and are not intended to include every detail of construction, materials, and equipment. Take actual field measurements at the job site in lieu of scaling the drawings.
- 1.3 Review the contract documents of all trades and coordinate all work with the other trades as necessary to avoid conflicts and interferences.
- 1.4 All work and materials shall comply with applicable state, local, and national codes (including OSHA).
- 1.5 Obtain and pay for any and all required permits, inspections, certificates of inspections and approval, and the like and shall deliver such certificates to the Owner.
- 1.6 Locations shown for fixtures, equipment, piping, cleanouts, valves, etc., are approximate. Coordinate each location with all trades and actual field conditions so that all code requirements are met.
- 1.7 Provide all cutting and patching necessary to properly install all work and to repair any damage done.
- 1.8 Perform all excavating and backfilling in a safe manner which shall not endanger the stability of any structure or any part thereof, or any work in place by other trades.
- 1.9 Provide only new materials and equipment listed and labeled as Underwriter's Laboratories, Inc.
- 1.10 Testing shall comply with all local, state, and national codes.
- 1.11 Warrant all materials, equipment, and workmanship shown or implied by these documents to be free of defects for a period of one year from the time of acceptance by the Owner.

2.0 PIPING, PIPE FITTINGS, PIPE HANGERS/SUPPORTS, & INSULATION:

- 2.1 Domestic water piping above ground shall be seamless copper tubing, ASTM B-88-61, Type L, hard drawn copper with wrought copper fittings.
- 2.1 A Contractor shall have the option to provide and install "Flow Guard Gold" CPVC water piping tubing meeting ASTM D-2846 for continuous working pressure of 100 psi and at 180 degrees F. Contractor shall provide and install proper pressure regulators to maintain 100 psi or less. Contractor shall also have the option of using WaterPEX tubing manufactured in accordance with ASTM F-876 and F-877 and listed by National Sanitation Foundation NSF-61. Manufacture recommended fittings and joints shall be used.
- 2.2 Sanitary waste and vent lines shall be ABS, DWV, and/or PVC Schedule 40.
- 2.3 Copper pipe fittings shall be wrought metal soldered joint type conforming to ANSI B16.22.
- 2.4 Install piping and related items neatly with routes generally chosen to be parallel and perpendicular to building lines. Horizontal sanitary piping shall be installed with a uniform slope. Piping with a diameter of 2-1/2" or less shall be sloped 1/4" per linear foot. Piping with a diameter of 3" or greater shall be sloped 1/8" per linear foot.
- 2.5 Piping shall be arranged so that all valves, traps, and cleanouts are easily accessed. Rerun piping to remove all burrs, fins, and foreign materials. Thoroughly clean all piping before soldering. Use only lead-free 95/5 solder. Seal the spaces around all piping penetrations in an approved manner. Water piping below grade shall be installed below the frost line, approximately 18" deep.
- 2.6 All domestic hot and cold water piping shall be continuously insulated with closed cell neoprene rubber insulation. Exposed piping shall be covered by an ASJ jacket.
- 2.6 Fixture traps shall be installed on every plumbing fixture except those having integral traps. Traps shall be water-seal, self cleaning "p" traps.
- 2.7 Provide chromium-plated escutcheons with set screws for all exposed water supplies, traps, and cleanouts.
- 2.8 Vent pipes shall be flashed and made watertight at the roof.
- 2.9 Pipe hangers shall be installed in accordance with Table 308.5 "HANGER SPACING" of the 2015 IPC.

3.0 FIXTURES AND EQUIPMENT:

- 3.1 All plumbing fixtures shall be equivalent to those scheduled on the Drawings. All ADA Water closets shall have trip levers on open side of closet opposite side wall.
- 3.2 Water hydrants shall be key-operated types with freeze-proof features.
- 3.3 Provide water pressure reducing valve to maintain a max. water pressure of 45 psi in building where inlet pressure utility service is greater than 45 psi.

4.0 STERILIZATION:

- 4.1 All new domestic water pipe shall be sterilized in accordance with the State Board of Health and Section 610.1 of the 2015 IPC.

PLUMBING SYMBOL SCHEDULE

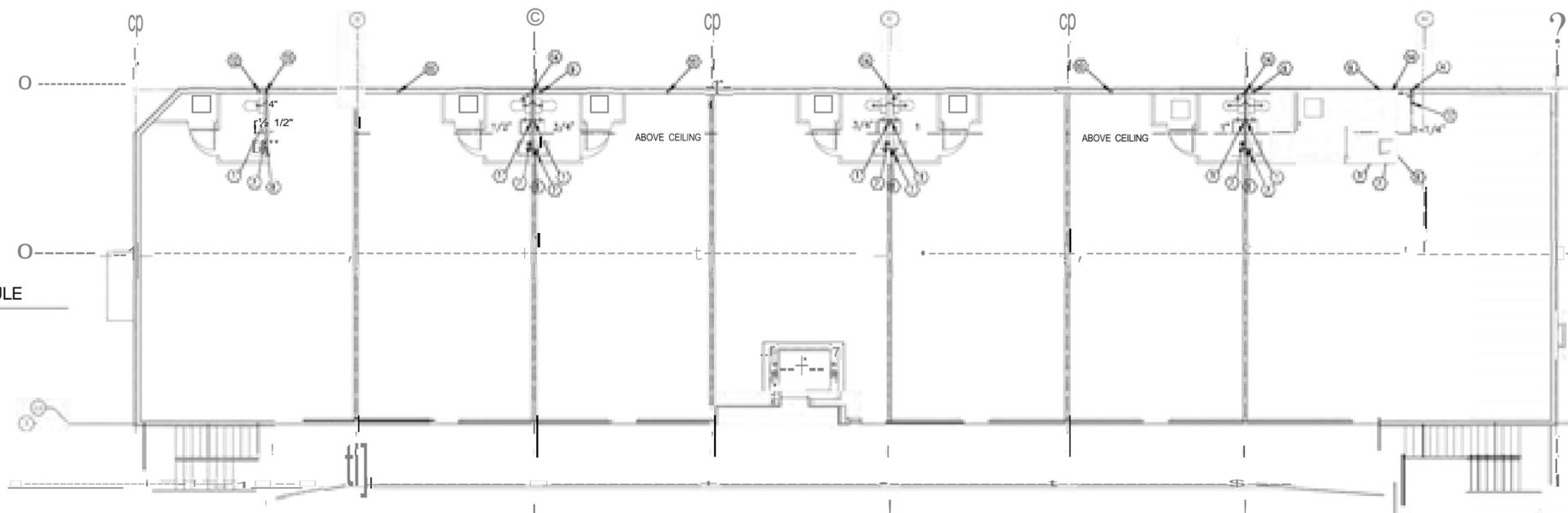
| | |
|--|-----------------------------|
| | SOIL, WASTE OR DRAIN PIPING |
| | VENT OR EXISTING PIPING |
| | COLD WATER PIPING |
| | BALL VALVE |
| | CLEAN OUT |
| | WATER DOWN |

PLUMBING FIXTURE SCHEDULE

| | |
|------|--|
| WC-1 | EQUIVALENT TO AMERICAN STD. NO. 2002.012, CHAMPION ELONGATED COMBINATION, 1.6 gpf, 16-1/2" HIGH, TANK WITH FLOAT VALVE AND VACUUM BREAKER, TANK COVER AND CHROME PLATED TRIP HANDLE. PLASTIC SEAT WITH OPEN FRONT AND COVER. ANGLE SUPPLY WITH STOP. ADA. WHITE. |
| L-1 | EQUIVALENT TO AMERICAN STANDARD MODEL NO. 0355.012, LUCERNE, VITREOUS CHIAN, WALL HUNG, 20x18" SIZE WITH BACK SPLASH, FAUCET HOLES 4" ON CENTER, PROVIDE WALL BRACKET INSTALL 34" HIGH FOR HANDICAP. PROVIDE 3/8" ANGLE STOPS AND SUPPLIES, 1-1/4" CAST BRASS "p" TRAP WITH C.O. PLUG. WHITE. PROVIDE DELTA FAUCET MODEL NO. 520-WFHDV WASHERLESS SINGLE LEVER (6") WITH 1/2" I.P.S. POP-UP WASTE, CHROME FINISH. PROVIDE SKAL+ GARD INSULATION KIT MODEL NO. 2008 BY "TCI PRODUCTS" ON WASTE AND WATER PIPING BELOW LAVATORY. |
| WH-1 | EQUIVALENT TO ZURN MODEL NO. Z-1310, "ANTI SIPNOM" AUTOMATIC DRAINING WALL HYDRANT WITH NON-FREEZE INTEGRAL BACKFLOW PREVENTOR AND LOOSE KEY. |
| ETWH | EQUIVALENT TO "HEMAX" FLOW CONTROLLED ELECTRIC TANKLESS WATER HEATER MOUNTED ON WALL BELOW LAVATORY. MODEL NO. EX-35-SL-240-3.5KW, 240V-1PH, 15 AMPS UL LISTED (SET AT 105 DEGREES) |

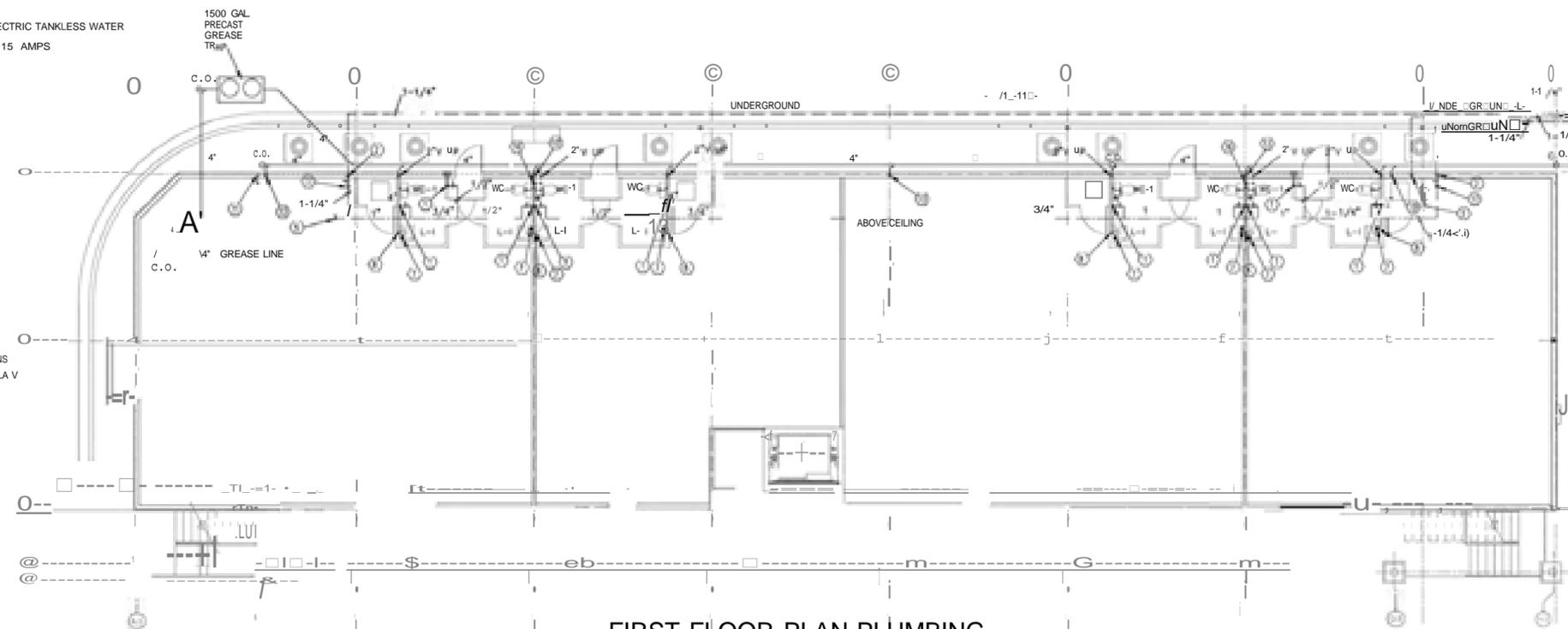
PLUMBING SPECIFIC NOTES

- 1/2" COLD WATER DOWN TO FIXTURE(S)
- 1-1/4" WATER SERVICE FROM METER TO ABV. CLG.
- 1-1/4" WATER SERVICE FROM METER TO TO SECOND FLOOR CEILING
- 1-1/4" WATER SERVICE FROM BELOW PROVIDE VALVED 1-1/4" FOR FUTURE
- (3) 1-1/4" WATER SERVICES FROM METER(S) LOCATIONS
- LOCATION OF FUTURE INSTANT WATER HEATER BELOW LA V (SEE ETWH IN FIXTURE SCHEDULE)
- 2"W & 1-1/2" VENT
- 2" VENT FROM BELOW
- 2" VENT FROM BELOW AND UP THROUGH ROOF
- 3" VENT UP. CAP FOR FUTURE
- 3" VENT FROM BELOW AND UP THROUGH ROOF
- 4" WASTE FROM ABOVE
- 4" WASTE DOWN AND 2" VENT UP THROUGH ROOF
- 4" WASTE DOWN AND 2" VENT
- 2" VENT
- WATER PRESSURE REDUCING VALVE, SEE SPECS



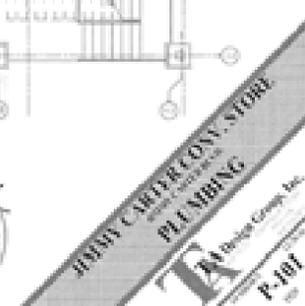
SECOND FLOOR PLAN-PLUMBING

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



FIRST FLOOR PLAN-PLUMBING

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





3/10/2021
Charles Stroud
6405 Peachtree Ind. Blvd.
Permit# 21-0113 2nd letter

To whom it may concern:

The above permit requires a resubmittal of building plans with the following corrections.

The electrical drawings have not been updated and have pages missing, please correct the following and restore all pages. Do a check of all pages in the plan for missing pages.

- Page E-100 change code sections to current editions **c.U,uoeD ON E-100**
- Show conductor schedule for service entrance conductors and feeders to units. **'-5R,L12 ON E-100 DIAG-**
- All outdoor equipment requiring service must have a GFCI protected receptacle within 25' ft.
C.W,t,060 ON fr{01 I't'f EA-C.rl tONf)aJ£TO f?>IN,-

Note: Any penetrations (if any) by electrical or mechanical outlets in the floor/ceiling or roof/ceiling assembly must be rated and or equipped with dampers. **St::t OH'!> OF rt. AAlfO Pi5S's ON Ar 36V, 3"**

Resubmit with the above changes as submittal 7

Respectfully,

Mark Mitchell CBO, MCP
Chief Building Official
City of Peachtree Corners, GA.