Building Information

Building Description - A multi-tenant, ten (10) story steel structure office building with glass facade.
Building Construction Type per IBC-2012 Edition, Chapter 6 - Type IB
Fire Protection - Fully Sprinklered
Fire Alarm System - Yes
Generator - Yes
High Rise - Yes; exceeds 75 feet per 2012 NFPA 101 Section 3.3.36.7
Number of Stories - 10 Stories
Typical Floor Area - 20,905 SF
Total Building Area - 209,048 SF
Date of Building Construction - 1982

2018 City of Chamblee Code Requirements
Building - 2012 International Building Code (IBC), with 2014, 2015, and 2018 Georgia Amendments
Fire Safety - 2012 International Fire Code (IFC), with 2014 Georgia Amendments
Plumbing - 2012 International Plumbing Code (IPC), with 2014 and 2015 Georgia Amendments
Mechanical - 2012 International Mechanical Code (IMC), with 2014 and 2015 Georgia Amendments
Gas Piping - 2012 International Fuel Gas Code (IFGC), with 2014 and 2015 Georgia Amendments
Electrical - 2017 National Electrical Code (NEC) (No Georgia Amendments)
Energy - 2009 International Energy Conservation Code (IECC), with 2011 & 2012 Georgia Supplements & Amendments; ASHRAE / IESNA Standard 90.1 - 2007, with Georgia Amendments
Accessibility - Georgia Accessibility Code - GSFC Rules & Regulations, 120-3-20A, referencing the 2010 ADA (Americans with Disabilities Act)
Life Safety - NFPA 101-2012 Life Safety Code; as amended by Rules and Regulations of the Safety Fire Commissioner, Chapter 120-3-3 through the Georgia Department of Community Affairs

Georgia Accessibility Code
We certify that we have prepared these plans in conformity with Chapter 120-3-20A of the Rules and Regulations of the Georgia Safety Fire Commissioner referencing the 2010 ADA Standards for Accessible Design for making buildings and facilities accessible to and usable by people with disabilities to the best of our knowledge, information and belief for the scope of the work herein permitted.

Project Information

Project Summary and Scope - Interior alterations of second generation tenant space within a 10-story multi-tenant building with generic tenant build-out. Minimum demolition; considerable new construction. New plumbing locations to be installed, including new ADA compliant single-use restroom. HVAC test and balance shall be conducted. Power and voice/data modifications are considerable. New upgraded finishes to be installed throughout tenant suite, elevator lobby and common corridor.

Area of Construction - 20,788 USF

Occupancy Use and Classification per 2012 NFPA 101: Section 6.1.11; B - Business Occupancy

Maximum Occupant Load Calculation for the floor per 2012 NFPA 101:
Doors: (2) 36" doors (34" actual) are provided - 68"/ 0.2=340 persons
Stairs: 2 stairs of 46" are provided - 92"/ 0.3 per person=306 persons
Maximum occupant load - 7th Floor = 306 persons

Occupant Load Calculation for Suite 700:
Calculated:
16,282 SF Office @ 100 SF/person = 163 persons
741 SF Storage @ 500 SF/person = 1 person
Actual (See Life Safety Plan on Sheet I-1.2 for furniture layout):
Huddle #701 = 10 persons
Huddle #702 = 10 persons
Huddle #707 = 13 persons
Conference #708 = 12 persons
Conference #711 = 39 persons
Huddle #716 = 10 persons
Huddle #737 = 8 persons
Huddle #744 = 13 persons
Huddle #760 = 8 persons

Total Occupant Load: 163 + 1 + 10 + 10 + 13 + 12 + 39 + 10 + 8 + 13 + 8=
287 persons > 306 persons

Exiting Requirements for a New Business Occupancy per 2012 NFPA 101 Chapter 38:
Min. number of Means of Egress required from floor: 2 exits required, 2 exits provided
Arrangement of Means of Egress: 1/3 diagonal distance per Section 7.5.1.3.3 (sprinklered)
Max. Travel Distance: 300' (per Section 38.2.6.3)
Max. Common Path of Travel: 100' (per Section 38.2.5.3.1)
Max. Dead End Corridor: 50' (per Section 38.2.5.2.1; corridors comply)
Min. corridor width at Means of Egress: 44" (per Section 38.2.3.2; all corridors comply)
Min. door width: 32" (per Section 7.2.1.2.3; 36" wide doors provide 34" clearance and meet the 32" requirement)

Fire Protection Requirements per 2012 IBC and 2012 NFPA 101:
Tenant Demising walls - Non-rated per Section 508
Occupancy Separation - N/A
Corridor Partitions - Non-rated per NFPA 101, Section 38.3.6.1(3) (sprinklered)
Wall Penetrations - No Rating Required
Floor Penetrations - Two hour rated
Opening Protectives - Doors - No Rating Required
Storage Rooms - Non-rated per IBC Table 508.4 (no separation required between B and S-1); NFPA 101 Sections 38.3.2.1/A38.3.2.1 and 39.3.2.1/A39.3.2.1

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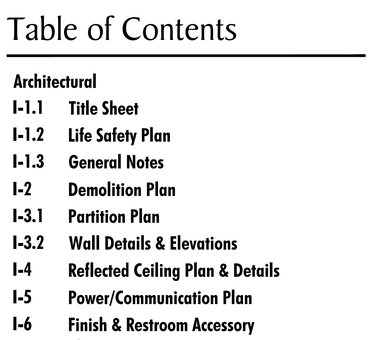
Vicinity Map



Notice of Shared Responsibility

At this time, NELSON has only been engaged on this project to provide professional services limited to the preparation of construction documents, thereby allowing the Architect of Record limited involvement during the construction administration phase. Due to this fact, Georgia Code requires us to include the following statement on our documents:

"The Architect of Record and NELSON are not responsible for interpreting the intent of these construction documents, including making modifications as may be necessary during the construction phase; the Architect of Record is no longer liable for the work where changes to these documents have been made."

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

Interior Planning & Design
NELSON
1170 Peachtree Street, N.E.
Suite 1700
Atlanta, GA 30309
Contact - Anna Loxley
Architect - Robert Hinkle
Phone - 404.881.1811
Fax - 404.876.1289
Email - aloxley@nelsononline.com/rhinkle@nelsononline.com

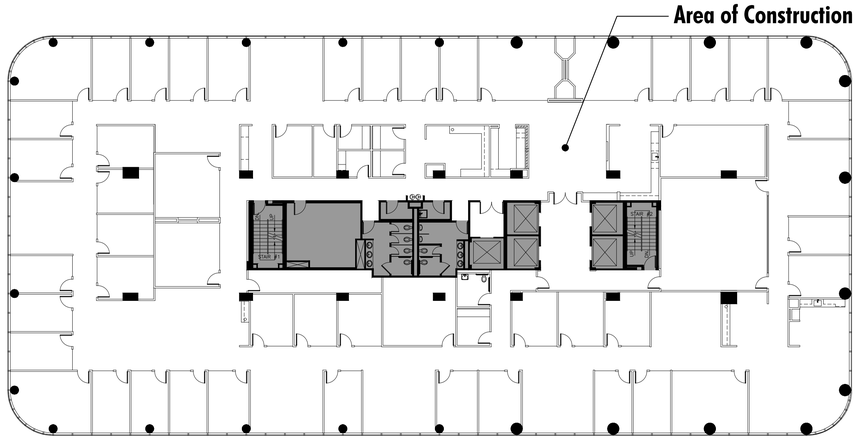
Tenant Representation
Council of State & Territorial Epidemiologists (CSTE)
2872 Woodcock Boulevard
Suite 250
Atlanta, GA 30341
Contact - Beverly Christner
Phone - 770.458.3811
Fax - 770.458.8516
Email - bchristner@cste.org

Furniture Vendor
CWC Office Furnishings
4343 Northeast Expressway
Atlanta, GA 30340
Contact - Kevin Magill
Phone - 770.621.6654
Fax - 770.491.6374
Email - kevin.magill@c-w-c.com

Property Management
Highwoods Properties
2200 Century Parkway, N.E.
Suite 250
Atlanta, GA 30345
Contact - Mark Linnemeier
Phone - 404.443.1851
Fax - 919.431.1459
Email - mark.linnemeier@highwoods.com

Construction & Project Management
Savills Studley
3424 Peachtree Road
Suite 2100
Atlanta, GA 30309
Contact - Kevin Rodriguez
Phone - 404.504.0020
Mobile - 678.687.3383
Email - krodriguez@savills-studley.com

MEP Engineering
S&S Engineers, LLC
145 Church Street, N.E.
Suite 240
Marietta, GA 30060
Contact - Les Saunders
Phone - 770.933.8842
Email - les@sandsengr.com



1 / I-1.1 **Key Plan**
Not to Scale

0 5 10 20 40

True North

NELSON
Nelco Architecture, Inc.
a licensed affiliate

1170 Peachtree St. N.E.
Suite 1700
Atlanta, Georgia 30309
404.881.1811

Release History

Date	Remark
01.12.18	Issued for Tenant Review
01.26.18	Issued for MEP Engineering
02.27.18	Issued for Pricing, Permit & Construction

STATE OF GEORGIA
ROBERT D. HINKLE
CERTIFICATE NO. 17455
REGISTERED ARCHITECT

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

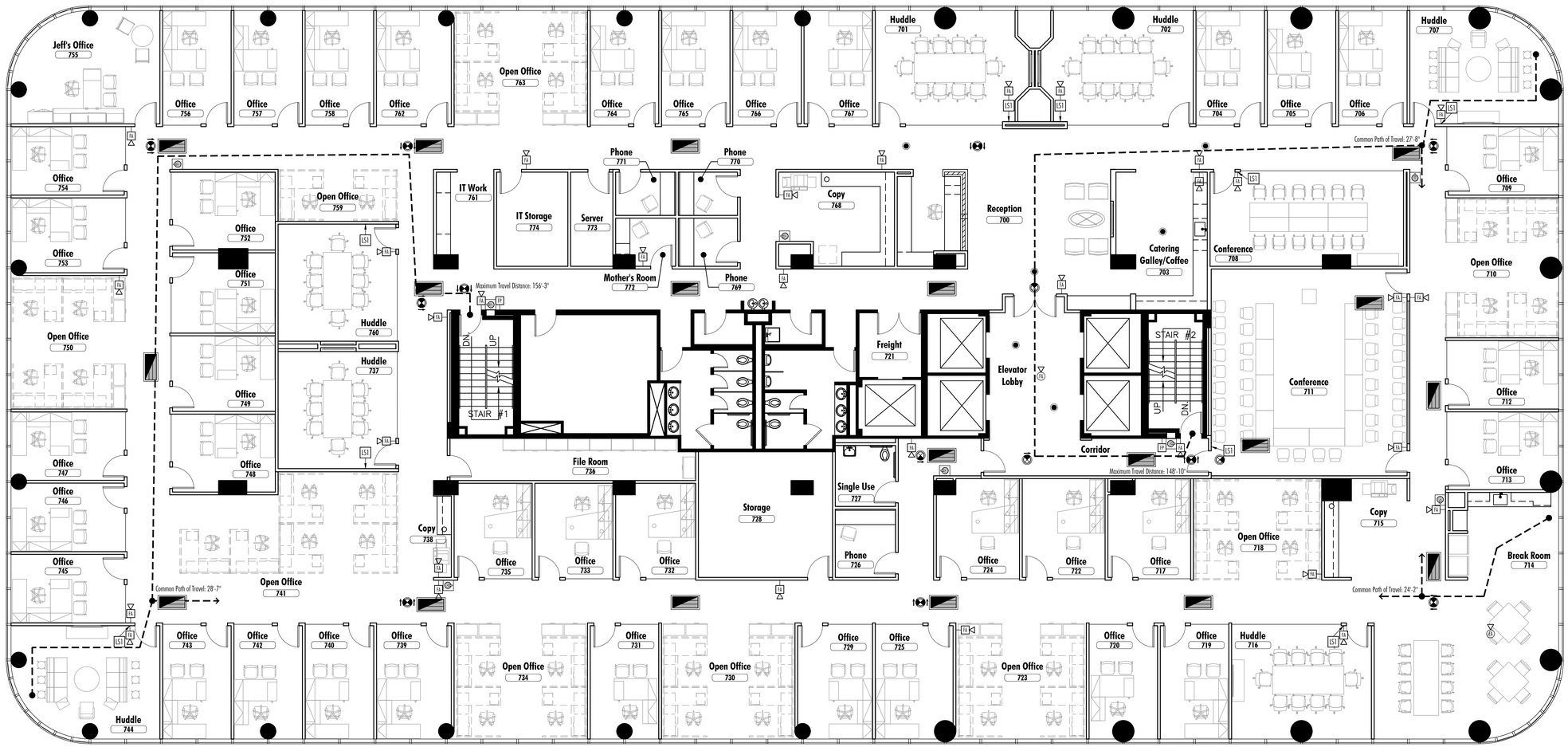
23,278 RSF

Title Sheet

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD01_1
Date	02.27.18

Released for Construction

Sheet Number
I-1.1
of **13**



1 Life Safety Plan
I-1.2 Scale: 1/8" = 1'-0"

Symbol Legend

- **Fire Extinguisher -** Cabinet
- **Light Fixture -** LED Downlight (Emergency Circuit)
- **Light Fixture -** 2'x4' LED (Emergency Circuit)
- **Light Fixture -** Exit Sign (Emergency Circuit)
- **Fire Safety -** Ceiling Mounted Fire Alarm Horn/Strobe
- **Fire Safety -** Fire Alarm Horn/Strobe
- **Fire Safety -** Fire Pull

Life Safety Plan Key Notes

LS1 - Provide and install Maximum Occupant Load signage to comply with 2012 IFC (State Ammendment) 1001.2.1 *Decreases in the Occupant Load* where indicated @ Huddle #701, Huddle #702, Huddle #707, Conference #708, Conference #711, Huddle #716, Huddle #737, Huddle #740 and Huddle #760.

Maximum Occupant Load signage shall read as follows:

Huddle #701 = 10 persons
Huddle #702 = 10 persons
Huddle #707 = 13 persons
Conference #708 = 12 persons
Conference #711 = 39 persons
Huddle #716 = 10 persons
Huddle #737 = 8 persons
Huddle #744 = 13 persons
Huddle #760 = 8 persons

MAXIMUM OCCUPANCY NOT TO EXCEED ___ PERSONS

The Maximum Occupant Load sign must be permanent in nature and not be printed on paper. Acceptable options include, but are not limited to: an engraved plastic sign or metal sign with painted, vinyl, or silk screened text. Coordinate with Designer as necessary.

Building Ownership Notes

The following notes are general guidelines to the building, alteration, procedure and regulations and are in addition to and do not replace published building rules, standards and regulations for alteration work. Contractor and their sub-contractors should obtain referenced documents as they relate to their performance of their work and incorporate any scope called for their bids.

1. A list of GC's or CM's personnel and subcontractor's main contact with emergency phone numbers is required prior to commencement of any construction operations.
2. Certificate of insurance for the Contractor, or construction manager and all their subcontractors and vendors is required prior to commencement of any construction operations. All after hours work must be coordinated with Building Management. Such work may require the presence of a Building Engineer. Such Building Engineer time shall be charged to the Contractor/Tenant at the building standard overtime.
3. Access to other tenants' premises must be coordinated with Building Management, and any work must be performed after normal business hours and as coordinated with Building Management.
4. Access to the main, telephone, electrical, HVAC closets/rooms, must be coordinated with the Building Management. Work performed in these closets/rooms may have to be performed after hours.
5. All access doors and panels locations accessing any building system must be approved by the Building Chief Engineer.
6. Welding, brazing, soldering or burning work to be performed after hours or on weekends. A valid certificate of fitness or torch and fire guard must be presented to the Building Engineer at start of work. One person for every fire watch & two fire extinguishers must be present for each burning site. Odor eaters must also be present for each burning site. Odor eaters must also be provided for each welding, brazing, soldering, or burning work.
7. Prior to demolition, safe-off all circuiting, water lines, and other facilities utilities to the premise. Lock-out/Tag-out as required by applicable codes. Trace cable runs prior to cut-off to confirm the source and services they provided. Do not remove any discovered systems/cabling before verifying and coordinating the Building Engineer.
8. Avoid cutting existing pipe, conduit, or ductwork serving the building but scheduled to be removed or related until provisions have been made to bypass those areas. Coordinate and obtain approval by the Building Chief Engineer.
9. Remove all obsolete systems, unused wiring, hangers, support systems that will no longer be used from ceiling and the space.

Building Ownership Notes

10. All unused plumbing lines to be cut back to the main source or riser and not cut and capped at the point of use.
11. All unused telephone and data wiring and cabling must be removed back to the local telephone or data closets panels and not abandoned in walls, floors, or ceilings.
12. Life safety systems must remain intact and protected from false triggering during construction. Sprinkler system and fire alarm system must be restored to full active operation at the end of each working day.
13. Seal all existing and new penetrations in horizontal and vertical fire walls and slabs assemblies per building code and with an approved UL through penetration and joint system.
14. Restore fire rated existing building core walls with matching construction and UL assembly to the Building Management's satisfaction. All work to be scheduled and coordinated with Building Management.
15. All through structural slab penetrations shall be fire stopped per local Building Code and appropriate UL system. Reviewed submittals shall be provided to Building Management.
16. Report any existing damaged fire rated wall and slab systems to Building Engineer and restore such damage with matching or compatible assemblies to maintain fire rating as approved by Building Management.
17. Contractor to use designated freight elevator by the Building Management. Contractor is responsible for the protection of the designated elevator. All material deliverers and elevator schedule shall be coordinated and approved by the Building Management.
18. Knowledge of the building conditions, including size and loading capacity of elevators, size of doorways, corridors, window openings, etc., shall be checked prior to being delivered by the Contractor's requested delivery.
19. Provide protective coverings, barriers, devices, signs, or other procedures to protect elevator cab and entrance doors/frames. If, despite such protection, elevators become damaged, engage elevator installer to restore damaged work so no evidence remains of correction work. Return items that cannot be refinished in the field to the shop, make required repairs and refinish entire unit, or provide new units as required.
20. All required exits, way of approach thereto, and way of travel from the exit to the street shall continuously be maintained free from all obstructions and impediments for unobstructed egress in case of fire or other emergency; fire extinguishers must be available on the site during construction as required by NFPA 10.

Building Ownership Notes

21. Existing egress stair usage: Use of Owner's exiting egress stairs will be permitted, as long as stairs are cleaned and maintained in a condition acceptable to the Owner. At substantial completion, restore egress stairs to condition existing before initial use.
21.1 Do not use egress stairs for storage of any materials. Provide protective coverings, barriers, devices, signs, or other procedures to protect stairs and to maintain egress.
22. Toilet facilities: Obtain Owner's approval for use of Owner's existing toilet facilities. Existing facilities shall be cleaned and maintained in a condition acceptable to Building Management. At substantial completion, restore these facilities to condition existing before initial use.
22.1 Disposable Supplies: Provide toilet tissue, paper towels, and similar disposable materials for each facility. Maintain adequate supply. Provide covered waste containers for disposal of material.
23. All work in the building's public corridor shall be scheduled and coordinated with Building Management after business hours. Protection of existing floors, walls, and ceiling shall be provided to the satisfaction of the Building Management.
24. At all times protect the property of the Tenant and the Building Owner including but not limited to window, flooring, ceiling tile, public toilets, elevators, doors, electrical, fire alarm system, and air conditioning equipment (being used), convertor enclosures, etc.
25. When demolition or construction is in progress, every precaution shall be taken to prevent any dust and/or odors from escaping to adjacent tenant areas or building corridors.
26. Ceiling return grilles will be sealed before demolition and construction is started; area must be inspected by either Building Manager or Building Chief Engineer.
27. All furniture and furniture systems along the perimeter of the building window are to be placed between 12 to 18 inches away from building perimeter heating/cooling system and enclosure. Contractor and furniture vendor to confirm distance with Building Management, but in any case it shall not be less than 12 inches.

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STATE OF GEORGIA
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Highwoods PROPERTIES

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2635 Century Center
2635 Century Parkway, N.E.
Suite 700
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23,278 RSF

Life Safety Plan

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD01_2
Date	02.27.18

Released for Construction

Sheet Number

I-1.2

of **13**

Construction General Notes

1. Pre-bid Job Site Visit
Prior to submitting bid, Contractor shall visit job site and notify NELSON and the Landlord of any physical conditions not included in the construction documents, requiring corrective action. The Contractor shall verify field conditions and shall carefully compare such conditions and other information known to the Contractor with the contract documents before submitting bid. The Contractor shall notify NELSON at once of any errors, inconsistencies or omissions.

2. Existing Conditions
Contractor shall field verify existing conditions for any unforeseen discrepancies prior to ordering materials, beginning fabrication or starting construction. Notify Designer/Architect and Property Manager/Landlord immediately if any condition will impact the proposed scope defined in these plans.

3. Scale and Dimensions
Do not scale drawings. Larger scale plans and details will take precedence over smaller scale drawings. All dimensions indicated on the plan are from the finished faces of new and/or existing construction, unless otherwise indicated.

4. Building Policies/Work Regulations
Contractor shall make every effort to have a full understanding of specific policies of the Property Manager for completing work on the Property. All Work shall be in strict accordance with all applicable codes, laws, rules, and regulations having jurisdiction. Contractor is responsible for all required building permits and inspections of Work. Contractor shall obtain a permanent Certificate of Occupancy prior to Tenant move in.

5. Conduct
It is the Contractor's responsibility to enforce strict discipline and good order among Contractor's employees, subcontractors, and any other person performing any work under a contract with the Contractor.

6. Insurance
Contractor shall obtain and abide by Property Manager's requirements for insurance as well as Rules and Regulations for construction on the property. Contractor and subcontractors shall at all times perform work in strict accordance with the Property Manager's requirements.

7. Quality of Work
All Work is to be complete, quality construction, free from defects and damage. All materials implied and or described are to be installed according to manufacturer's specifications.

8. Construction Operations/ Noise Restriction
Any construction operations that infringe on an adjacent tenant's quiet use of a leased area or as directed by a Property Manager shall be performed after hours. Construction that may disturb existing tenants, including but not limited to concrete coring, hammer drilling and the use of screw guns on partitions or demising walls must be done outside of the weekday hours of 8:00 am to 5:00 pm.

9. Construction Areas
All doors into the construction areas are to remain closed at all times.

10. Construction Debris/ Clean Up
Debris resulting from construction shall be removed entirely from the site on a daily basis to a waste area provided by the Contractor. All areas of construction shall be clean and orderly (as well as left in a broom swept condition daily). Contractor shall clean site at end of project. All dust, debris, oils, stains, fingerprints and labels shall be removed from all exposed finished surfaces. All electrical, mechanical, and telephone rooms shall be put back as found; floors are to be swept and mopped.

11. Construction Precautions
The Contractor shall be responsible for taking adequate precautions to protect building occupants, materials, and existing finishes throughout all phases of construction. Noise, security and dust barriers between construction areas and occupied or public areas shall be maintained by Contractor. All barriers shall comply with 2013 NFPA 241, Safeguarding Construction, Alteration, and Demolition Operations, Section 4.3 - Temporary Structures which requires temporary enclosures (e.g. dust barriers) to be constructed using noncombustible, flame-resistant, etc. materials. The use of polypropylene plastic or similar combustible materials (plywood, etc.) to enclose demolition work is not permitted by this section. Provide Americover fire retardant 10 mil. reinforced fire rated plastic sheeting PSR 10FR (or app. eq.) secured at ceiling and floor except where used as an ingress/egress to the area of construction.

12. Building Core
All Mechanical, Electrical, Telephone, and Janitor rooms shall be restored to the original condition prior to Work being started by the Contractor / subcontractors (including Tenant's low-voltage voice/data contractor). These areas shall be cleaned thoroughly.

13. Building Standards
Contractor shall contact Property Manager for clarification or for definition of Building Standard. "Typical" as noted in these documents, means typical for similar conditions unless otherwise noted.

14. Corridor/Exits
It is the Contractor's responsibility to maintain building corridors and exits free of materials and equipment. At no time should the building's emergency exits be fully or partially obstructed.

15. Elevators
Construction personnel **shall only** use elevators designated by Landlord.

16. Long-lead Procurement/Delivery Notice
Contractor acknowledges that Building Standard hardware, finishes, and light fixtures are long-lead procurement, delivery and installation items. Contractor shall schedule order accordingly to insure timely occupancy. During the bid phase, the Contractor shall note any items known to be long-lead items in their bid as they relate to the schedule. Contractor, upon awarding contracts to subcontractors, shall submit to the Property Manager a list of all items and their delivery schedules. The Contractor shall identify all long-lead time items on the project (i.e. materials, fabrics, hardware, carpet, light fixtures, etc.). The Contractor, prior to ordering an item, shall be responsible for notifying NELSON and the Owner of any item which may cause the project to be delayed.

17. Substitutions
Any brand name product specified by NELSON shall not to be substituted without written permission from NELSON. Any substitutions proposed by Contractor shall be submitted to NELSON for approval prior to ordering or fabrication. It is the Contractor's responsibility to research and verify that performance and construction specifications meet those of the originally specified item prior to submission for approval.

18. Equipment
All appliances and equipment specified in documents shall be provided and installed by the Contractor unless otherwise noted. Contractor to provide cut-sheets to NELSON for approval prior to ordering.

19. Floor Level Adjustments
In laying out and detailing the work to be completed, consideration shall be given to variations in the floor level resulting from construction quality and live and dead loads imposed on the structure. Field verification shall be made of conditions to verify construction tolerances. Alignment of door heads and other horizontal elements shall be maintained at a constant level and shall not follow variations in floor plane. Level floors as required using approved leveling compound.

20. Window Blinds
Contractor to walk space with Property Manager to assess condition of base building window blinds. Property Manager shall be responsible for repair/replacement of blinds identified during initial walk through inspection. Contractor responsible for any damage to blinds beyond initial assessment.

21. Smoking
All jobs shall be designated "No Smoking" areas.

22. HVAC Central Floor Unit Filters
Construction filters are to be placed over return air intake grills prior to any construction. After construction, they shall be removed and new filters installed.

23. Walk-off Mats
Walk-off mats are required in each space at exit door locations. They are to be maintained by the Contractor.

Construction General Notes

24. Stop Work
The Property Manager reserves the right to stop work or remove any person from the property that is in violation of building rules.

25. Floor Penetrations
Contractor shall be responsible for verifying locations of cast concrete beams, joists and utilities through either sonogram or x-ray, results of such testing to be provided to Chief Engineer. See Power/Communication Plan General Notes for additional clarifications.

26. Abbreviations
The following is a list of commonly used abbreviations.
NIC - Not in Contract; AFF - Above Finish Floor; TYP - Typical; SAB - Sound Attenuation Blankets; Clr - Clear; Min - Minimum; EQ - Equal; h.m. - hollow metal; UNO - Unless Noted Otherwise; Opp Hand - Opposite Hand.

Demolition Plan General Notes

1. Extent of Demolition
Contractor shall be responsible for any damage to finishes or components not scheduled for demolition. Damaged items shall be replaced or repaired to meet or exceed former conditions. The renovation, demolition, and/or new construction will utilize as much of the existing ceiling grid, lighting fixtures, sprinklers, ceiling tile, ceiling diffusers, ductwork, thermostats, speakers, exit signs, emergency lighting, switches, outlets, cover plates, hardware, blinds, partitions, and the like that will conform and benefit the proposed new Tenant layout. If any of these components do not exist in the current and/or expanded tenant space, the Contractor shall include them as part of the final pricing as part of the scope of work in order to provide a fully operational Tenant space including all finishes, mechanical, plumbing, and electrical systems.

2. Demolition Precautions
The Contractor shall be responsible for taking adequate precautions to protect building occupants, materials, and existing finishes throughout all phases of construction. Noise, security and dust barriers between construction areas and occupied or public areas shall be maintained by Contractor. All barriers shall comply with 2013 NFPA 241, Safeguarding Construction, Alteration, and Demolition Operations, Section 4.3 - Temporary Structures which requires temporary enclosures (e.g. dust barriers) to be constructed using noncombustible, flame-resistant, etc. materials. The use of polypropylene plastic or similar combustible materials (plywood, etc.) to enclose demolition work is not permitted by this section. Provide Americover fire retardant 10 mil. reinforced fire rated plastic sheeting PSR 10FR (or app. eq.) secured at ceiling and floor except where used as an ingress/egress to the area of construction.

3. Code Compliance
During demolition work, Contractor shall comply with 2012 IBC Section 3302 Construction Safeguards, Section 3303 Demolition, and Section 3309 Fire Extinguishers.

4. Dust Barrier
Contractor shall maintain dust barriers between occupied areas and areas of demolition. All barriers shall comply with 2013 NFPA 241, Safeguarding Construction, Alteration, and Demolition Operations, Section 4.3 - Temporary Structures which requires temporary enclosures (e.g. dust barriers) to be constructed using noncombustible, flame-resistant, etc. materials. The use of polypropylene plastic or similar combustible materials (plywood, etc.) to enclose demolition work is not permitted by this section. Provide Americover fire retardant 10 mil. reinforced fire rated plastic sheeting PSR 10FR (or app. eq.) secured at ceiling and floor except where used as an ingress/egress to the area of construction.

5. Disruption Control
Contractor shall take measures as necessary to minimize noise, dirt and disruption to occupied spaces adjacent to areas of demolition. It is the Contractor's responsibility to maintain building corridors and exits free of materials and equipment.

6. Clean Up
Contractor shall remove trash from the site and leave the space in broom-cleaned condition daily.

7. Removal and Storage
Contractor shall exercise care in removal of any components (i.e. doors, frames, fixtures, ceiling tile) that may be reused on this or future projects. Contractor shall coordinate appropriate storage locations for such components directly with Property Manager.

8. Pre-existing Cabling/ Low Voltage - Voice/ Data Wiring
The Contractor shall remove from existing drywall partitions and ceiling plenum all abandoned circuiting, wiring, cabling, and conduit systems for power, low voltage controls and communications back to their source. All penetrations of fire rated structures shall be restored with an approved penetration firestop system installed in accordance 2012 IBC 714.3.1.

9. Materials Above Ceiling
Contractor to remove all partial gypsum board partitions located above ceiling grid that may not be evident by a standard field verification. Contractor to remove ceiling tile as necessary to field verify and include any cost associated with removal in the base bid. During demolition all materials located above the lay-in ceiling, not to be reused, are to be removed. After demolition and before ceiling cover-up, the Property Manager shall visually verify that this removal has been done.

10. Ductwork
Contractor shall remove all ductwork and hangers not to be reused by new Tenant. All ductwork wall penetrations shall be repaired in fire rated partitions with an approved penetration firestop system installed in accordance with 2012 IBC 714.3.1.

11. Copper Piping
All copper piping not reused is to be salvaged and turned over to Property Manager.

12. Thermostats
Thermostats to be stored above the ceiling during demo for re-use.

13. Column Furring
Remove existing column furring as indicated on plan. Notify Designer if full amount indicated cannot be removed.

Partition Plan General Notes

1. Scale and Dimension Notes
Do not scale drawings. Larger scale plans and details will take precedence over smaller scale drawings. "Typical" means the referenced detail shall apply for all similar conditions, unless otherwise noted. All dimensions indicated on plan are from face of existing partition to face of new partition or face to face of new partitions unless otherwise indicated. Dimensions noted as "clear" or "critical" shall be measured from finished face to finished face. **Contractor shall verify clear dimensions in open areas will accommodate Tenant's workstation layout with Tenant's furniture vendor prior to construction.**

2. Field Verification of Dimensions
During construction Contractor shall field verify all proposed dimensions at site and notify NELSON and the Landlord of any discrepancies that will impact the proposed scope defined in these plans prior to ordering materials or beginning fabrication. Contractor shall verify clear dimensions will accommodate Tenant's equipment layout with Tenant's vendor prior to construction.

3. Codes
Contractor shall comply with 2017 National Electrical Code, 2012 International Building Code, 2012 NFPA 101 and all other applicable state and local codes.

4. Gypsum Wall Board Partitions
All gypsum wallboard and metal stud construction shall be in accordance with recommendations and instructions published by U.S. Gypsum Company's "Gypsum Construction Handbook", latest edition.

5. Fastenings
All fastenings and attachments shall be fully concealed from view. All new construction adjacent to existing conditions shall be aligned and finished so that no definitive transitions between existing and new materials are evident.

Partition Plan General Notes

6. Blocking
Contractor shall provide and locate fire retardant blocking in partitions where required to support wall hung components (i.e. standards, shelves, coat rods, tack panels, drapery hardware) as indicated on drawings. Reinforce metal studs of partitions with continuous vertical fire treated wood studs to assist with blocking as needed.

7. Cut Sheets/ Shop Drawings
Contractor shall submit cut-sheets of all appliances, equipment, and other pre-finished items not considered to be Building Standard to NELSON for approval. Contractor shall submit shop drawings of all millwork to NELSON for approval prior to fabrication.

8. Partition Intersection with Curtain Wall Mullions
Screws or other mechanical fasteners ***shall not*** attach partitions along curtain wall mullions. Where gypsum wallboard meets exterior mullion, provide two (2) full-height vertical strips of Willseal pre-compressed foam sealant tape, Type 150, 1" wide.

9. Partitions
Where new partitions are built to align with one side of a column, studs shall align with 7/8" furring channels on a column so that the gypsum board will be continuous across studs and face of furring channels. Partitions noted to align shall be aligned from finished faces and the junctions shall be flush and smooth.

10. Insulation
Insulating materials when installed in buildings of any type construction shall comply with 2012 IBC 720.1, 720.2. and 720.3.
Insulating materials, where concealed as installed in buildings of any type construction, shall have a flame spread index of not more than 25 and a smoke-developed index of not more than 450 (2012 IBC, 720.2).
Insulating materials, when exposed as installed in buildings of any type construction, shall have a flame spread index of not more than 25 and a smoke-developed index of not more than 450 (2012 IBC, 720.3).

11. Fire Extinguisher
Install fire extinguishers as indicated on drawings and as further required by 2012 IFC and NFPA 10, Standard for Portable Fire Extinguishers.
OFFICE: Provide fire extinguishers throughout the office area that comply to BOTH of the following;
(1)minimum rating of 2A:10B:C (1 per 6,000 SF) **or** 4A:60B:C (1 per 11,250 SF)
(2) located so no travel distance to a fire extinguisher exceeds 75 feet
For fire extinguishers in fully-recessed or semi-recessed cabinets, mount cabinets so the top of the fire extinguisher does not exceed 48" AFF.
For semi-recessed cabinet or wall mounted extinguishers that project more than 4" from the wall, mount bottom 27" AFF maximum.

12. Water Heaters
All tank water heaters (including existing, building owned and new) shall be equipped with a complete leak detection system to stop water flow into the water heater when a leak is detected. Required product parameters include leak detection, automatic shut-off and a local alarm. Coordinate with Property Manager and Building Engineer to determine the appropriate alarm sequencing, in the event that the leak detection system is activated. All instant water heaters (including existing, building owned and new) shall be equipped with pans and flood stoppers.

13. Wall Penetrations
Patch and seal all penetrations in fire rated walls with an approved fireproofing material. Contractor shall verify all existing Tenant demising walls and building core walls meet or exceed required rating and upgrade as needed. The color of fire protection shall be red.

14. Fire-rated Partitions
Fire barriers shall be continuous from outside wall to outside wall, from fire barrier to fire barrier, or a combination thereof, including continuity through all concealed spaces as those found above ceilings, including interstitial spaces (2012 NFPA 101, Section 8.3.1.2). Identification of fire barriers shall be permanently installed above any decorative ceiling and/or in concealed spaces. The lettering shall be 2" in height and spaced every 12'-0". Suggested wording: "One Hour Fire and Smoke Barrier - Protect All Openings" (Title 25 State Fire Marshal's Rules and Regulations Chapter 120-3-3.

15. Existing Fire-rated Partitions
Contractor shall verify all existing fire rated walls meet or exceed required rating and modify as required. Patch and seal all penetrations in fire rated partitions with an approved through-penetration firestop system installed in accordance with 2012 IBC 714.3.1

16. Through Penetrations in Horizontal Assemblies
Through penetrations of fire-resistance-rated horizontal assemblies shall be protected in accordance with **2012 IBC Section 714.4.1.1 Exception 2 OR Sections 714.4.1.1.1 and 714.4.1.1.2**. Contractor shall coordinate coring for all floor receptacle locations occurring below furniture with furniture vendor and tenant. Field verify all floor mounted telephone, data and electrical outlet locations prior to installation by chalking or taping workstation locations on the floor and notify NELSON at once of any discrepancies prior to proceeding. Contractor is responsible for coordinating locations of all floor penetrations in order to assure consistency with the drawings. Contractor shall be responsible for verifying locations of concrete beams and joists (through either sonogram or x-ray contractor approved by building management). Results of such testing shall be provided to Property Manager. Floor coring, when adjacent to or above occupied tenant space, shall be done during non-business hours. Security costs, if required, shall be the responsibility of the Contractor per the property Construction Rules and Regulations. Contractor to coordinate with property management for access to space below the coring work and shall take every precaution to prevent damage to property or injury to occupants.
Section 714.4.1.1 Through penetrations. Exception 2. Penetrations in a single concrete floor by steel, ferrous or copper conduits, pipes, tubes and vents with a maximum 6" nominal diameter shall be provided with concrete, grout or mortar installed the full thickness of the floor or the thickness required to maintain the fire-resistance rating. Electrical outlet boxes of any material are permitted provided that such boxes are tested for use in fire-resistance-rated assemblies and installed in accordance with the tested assembly.
Section 714.4.1.1.1 Installation. Through penetrations shall be installed as tested in the approved fire-resistance rated assembly.
Section 714.4.1.1.2 Through-penetration firestop system. Through penetrations shall be protected by an approved through-penetration firestop system installed and tested in accordance with ASTM E 814 or UL 1479, with a minimum positive pressure differential of 0.01 inch of water (2.49 Pa). The system shall have an F rating/T rating of not less than 1 hour but not less than the required rating of the floor penetrated.

17. Flame Retardant Treated Wood
Contractor shall provide Flame Retardant Treated (FRT) wood per 2012 IBC, section 603.1 which states: *In buildings Type I or II construction Fire-retardant-treated wood shall be permitted in nonbearing partitions where the required fire resistance rating is 2 hours or less. Type III construction provides that interior building elements are of any material permitted by the code. When painting is required, the Contractor shall verify material compatibility and use only paint that does not void warranty of the Flame Retardant Treated (FRT) wood.* (Note: There are no applicable references to Flame Retardant Treated wood for the building type and use in either Georgia State Amendments to the International Building Code (2012 Edition) Revised 01/01/2014 and 01/01/2015 or Chapter 120-3-3 Rules and Regulations for the State Minimum Fire Safety Standards 01/01/2015.)

Door General Notes

1. Hardware
All door hardware to be single lever type; finish to match existing Building Standard. Salvage all hardware from demolition for reuse on this project or offer to Property Manager. All locksets and keying scheme shall be coordinated with Property Manager. Contractor shall provide Property Management with two (2) keys for each different lock within Tenant suite two (2) days prior to Tenant move-in. All locks to be keyed to Property Manager's master key system.

Door General Notes

2. Accessible Hardware
Operable door hardware shall comply with 2010 ADA Sections 309.4 and 404.2.7; to be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 48 inches (1220 mm) maximum above the finish floor or ground.

3. Field Survey Existing Doors, Frames and Hardware
Verify all doors and hardware are in proper working condition and can be touched up to "best possible" condition. Plug any missing hardware openings for a uniform appearance. Inspect doors for warps, scratches and other blemishes which prevent door from being reused in a "best possible" condition. Coordinate with Property Manager if replacement of any doors or hardware is required for units indicated to be relocated or remaining in place.

4. Interior Doors
All doors to be pre-finished 3'-0" wide x building standard height x 1-3/4" thick solid core wood building standard and/or shall match existing doors within the suite. Provide building standard welded hollow metal frames (UNO). Doors receiving closers shall receive ball-bearing butts. All doors to be located with hinge side 6" typical from adjacent partition corner (UNO).

5. Entry/ Exit Doors
Entry/exit doors shall be 3'-0" wide x full height x 1-3/4" thick solid core wood building standard. All entry/exit doors shall be equipped with building standard door closers. All exit doors shall not be subject to the use of a key, or require special knowledge to operate per 2012 NFPA 101 Life Safety Code Chapter 7.2.1.5.3.

6. Closers
Closers to exert no more than 5 lbs. of force.

7. Frames
Door frames to be Building Standard h.m. frame.

8. Sealer
Top and bottom edges of all doors to be sealed.

9. Floor Stops
Provide Rockwell floor stops with three-screw mounting. Finish to match door hardware.

10. Door Swings
Doors shall be permitted to swing into turning spaces per 2010 ADA Section 304.4.

11. Signs
Signs shall comply with 2010 ADA sections 703 and 216.8. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided. Signs shall include the International Symbol of Accessibility.

12. Egress
All access-controlled door assemblies in the means of egress shall provide free egress. Magnetic locks are to tie into emergency systems for automatic release per 2012 NFPA 101 Section 7.2.1.6.2. If magnetic locks are installed to provide delayed egress locking, they must comply with all portions of 2012 NFPA 101 Section 7.2.1.6.1.

Millwork General Notes

1. Millwork Standards
"Millwork" includes all cabinets and counters with plastic laminate finish. All millwork shall be fabricated using the flush overlay method of construction to "custom grade" quality as defined by the Architectural Woodwork Institute (AWI) unless noted otherwise. All finish carpentry and millwork shall be in accordance with the AWI standards for selection of materials, hardware, fabrication, workmanship and finishing. Finishes for casework shall be as specified on finish plans. The following hardware shall be furnished and installed by casework manufacturer, unless noted otherwise:
Pulls: As specified on Millwork Details
Door Hinges: AWI Type "E" European style, fully-concealed, 170 degrees (min) opening, self closing
Drawer Slides: Full extension ball-bearing 75 lbs. capacity, side mounted, self closing

2. Architectural Millwork
"Architectural Millwork" includes all wood paneling, trim, handrails, bases, counters, cabinets and custom furniture with opaque and/or transparent finish system. All architectural millwork shall be fabricated to "premium grade" quality as defined by the Architectural Woodwork Institute (AWI).

3. Submittals
Provide shop drawings for all millwork based on field dimensions and samples of materials, finishes and hardware for millwork to architect for approval prior to fabrication.

Reflected Ceiling Plan General Notes

1. Engineering
Refer to engineering drawings prepared by others for circuiting and loads.

2. Location and Field Verification
The Contractor shall be responsible for field verification of ductwork, plumbing lines and sprinkler lines to insure installation of light fixtures shown. Contractor shall notify NELSON of any obstructions prohibiting light fixtures from being located as shown on the Reflected Ceiling Plan. Direction shall be obtained from NELSON for the revised fixture location.

3. Equipment
All new or existing HVAC, electrical, and plumbing equipment shall be free of defects. Any damaged or defective equipment, whether building standard or special order, shall be replaced.

4. Damaged Ceiling
Contractor shall replace all damaged ceiling tiles and repair or replace all damaged grid. New ceiling tile and grid shall match existing materials in color and texture. Offer to return any excess lighting fixtures and undamaged ceiling tile to Property Manager for attic stock.

5. Ceiling Height
Ceiling height is approx. 9'-0" above finished floor, unless otherwise noted on plan.

6. HVAC - Test and Balance
Verify existing HVAC system can accommodate Tenant's requirements. Contractor to verify supply/return locations and relocate as necessary to provide sufficient circulation throughout space. Perform full test & balance with Property Manager's approved vendors. Coordinate zone locations and test & balance with Property Manager. Contractor to obtain test and balance report and distribute to Property Manager.

7. HVAC - Diffusers/Grilles
Contractor shall submit locations of air supply diffusers and return air grills to Building Engineer for approval prior to installation.

8. Switches
Contractor shall locate light switch cover plates @ maximum 6" from door frame or corner of partition and 48" AFF to top of the device. Two or more light switches in the same location shall be ganged together with a common faceplate; notify Designer if this is not feasible PRIOR to Tenant "move-in". All switch cover plates shall match Building Standard (UNO or per direction of Construction Manager). Contractor shall provide motion sensor switches or automatic timers as required on all lighting circuits to comply with the 2014 National Electric Code and the 2009 International Energy Conservation Code, with Georgia Amendments.

9. Exit Signs
Contractor shall provide all required Building Standard emergency exit lights with directional arrow(s) as required for specific ceiling location.

Reflected Ceiling Plan General Notes

10. Building Standard 2 x 4 and 2 x 2 Fluorescent Fixtures
All new fixtures to match existing, UNO. Contractor to re-lamp all existing and relocated light fixtures and re-ballast if necessary. Fixture lamps to have consistent output and color. All lamps to be disposed of through approved recycling facility.

11. Recessed Downlights
All down lights shall be located on centerline of ceiling tiles UNO on plan. Provide Building Standard downlights and wall washers with dimmers.
prinklers work.

12. Insulation
Insulating materials when installed in buildings of any type construction shall comply with 2012 IBC 720.1, 720.2. and 720.3.
Insulating materials, where concealed as installed in buildings of any type construction, shall have a flame spread index of not more than 25 and a smoke-developed index of not more than 450 (2012 IBC, 720.2).
Insulating materials, when exposed as installed in buildings of any type construction, shall have a flame spread index of not more than 25 and a smoke-developed index of not more than 450 (2012 IBC, 720.3).

13. Building Mechanical Systems
Reconfigure existing HVAC, provide and install new HVAC deliveries and returns as necessary (match existing) with new programmable thermostats as needed. Each room to be individually ducted with supply and return air according to code.

14. Cleaning
Clean all HVAC supply and return grilles as required. Contractor shall ensure that lenses in lighting fixtures are left clean and free of dust, dirt, and smudges. Plastic and labels shall be removed from all light fixtures at project completion.

15. Blocking
Contractor shall provide and locate fire retardant wood blocking in ceiling where required to support ceiling hung components (i.e. specified fixtures; TV mounts, projection screens) as indicated on drawings.

16. Through Penetrations in Horizontal Assemblies
See Partition Plan General Note #16.

17. Sprinklers
Exact sprinkler locations shall be determined by a state licensed sprinkler contractor to comply with local building and fire codes. Contractor to revise existing sprinkler layout to comply with requirements of 2013 NFPA 13. Where applicable, the Contractor will provide and install or modify (and add to) existing sprinkler system in accordance with the Property Manager and/or jurisdictional authorities. Clearance shall be obtained through Property Manager prior to any sprinklers work.

Power/Communication Plan General Notes

1. Engineering
Refer to engineering drawings prepared by others for circuiting and loads.

2. Codes
Contractor shall comply with 2017 National Electrical Code, 2012 International Building Code, NFPA 101 and all other applicable state and local codes.

3. Dimensions
All dimensions shown are from center line of box. Receptacles shall be 18" on center above finished floor, unless otherwise noted. Wall receptacles shown back to back may be offset, but shall be installed directly adjacent to one another.

4. Receptacles
Outlets in or above counter tops, or above backsplash if indicated, shall be mounted horizontally. All dedicated power receptacles shall be orange for easy recognition. All receptacles tied to Tenant UPS shall be red for easy recognition. Stagger electrical outlets minimum 12" at all sound partitions.

5. Faceplates
Two or more adjacent power or communication receptacles shall be ganged with a common faceplate. If they cannot be ganged they shall be installed with a minimum distance between units. All receptacle faceplates shall match Building Standard.

6. Furring for Walls and Columns
Fur out elevator shaft wall, corridor walls, sill wall or structural columns to provide depth for power/communication outlets when specified. Provide studs, furring strips and GWB for any areas in building shell that were not finished or exposed from previous demolition.

7. Tenant's (Low Voltage) Voice/ Data Vendor
Tenant assumes responsibility for their low-voltage voice/data vendor/contractor. Communication devices and wiring shall meet all applicable codes as well as Building Standards. The Tenant's low-voltage voice/data contractor, which shall permit their work separately, must hang all cables from dedicated wire hangers attached to the slab. Voice/data wiring to conform to NFPA 90A for NFPA (UL 910) plenum rated cable.

8. Voice/ Data Conduit
Contractor to provide and install a 2" diameter metal conduit with a pull string for the phone system from the building telephone service entrance to a telephone board within the Tenant's space. Use PVC where allowable by code.

9. Voice/ Data Pull Boxes
Contractor shall provide conduit and pull string only at all phone/data outlets. Cables shall be provided and pulled by Tenant's low voltage voice/data cable installer.

10. Through Penetrations in Horizontal Assemblies
See Partition Plan General Note #16.

11. Furniture
Contractor to provide final electrical hook up for all furniture base feeds. Furniture electrical whips and power-poles to be provided by Tenant's furniture vendor, unless otherwise noted. Workstations shown are for representational purposes only. Contractor to coordinate with Tenant and Tenant's furniture vendor for exact location of workstations and corresponding power communication devices prior to construction.

12. Electrical Panels
All electrical panels to have proper TYPED schedules installed. Hand written schedules will not be accepted.

13. Fire Alarm Notes
This drawing indicates the proposed locations for horn/strobe alarm devices and is intended to be conceptual and for reference only and not for permit. FA horn/strobe locations are suggested; final locations to be determined by Property Manager's approved fire suppression contractor to meet all sound and visual requirement/code specifics. Additional devices may be required. Fire alarm and all fire alarm components to be designed and installed by a licensed fire alarm contractor with drawings prepared and submitted for permit separately prior to installation. All fire alarm wiring shall be installed in conduit. All new fire alarm devices shall be ADA approved and mounted 80" from centerline of strobe to finished floor. Where fire alarm strobes are located above light switches, strobes to align with switch below. Device to be white finish (UNO). See reflected ceiling plan for light switch locations. Contractor shall obtain certification for work performed relating to the fire alarm system and shall be submitted at completion of construction. Devices shall match existing to remain and match throughout (UNO). When new devices are noted to be installed throughout, they shall be building standard. Note: new devices added to existing suites shall be from either attic stock from the Property Manager or of the same manufacturer as the existing devices. Otherwise new horn/strobe devices may be required throughout in order to sync as a complete operational system.

14. GFI Protected Outlets
Provide GFI at all electrical outlets within 6"-0" of water source, such as sink in break room.

15. Ground Wire
Electrical Contractor to run ground bar with #6 ground.

Finish Plan General Notes

1. Existing Surfaces Repair
Contractor shall examine all surfaces to be finished under this contract and see that the work of their trades has been installed in satisfactory condition to receive paint, stain or specified finish. Contractor shall retouch or refinish surfaces damaged by subsequent work. Scrape and strip slab of residue of previous floor finish. Fill/repair cracks to provide smooth, level surface as necessary to receive scheduled finish flooring. The application of the first coat of any finish process shall constitute acceptance by the Contractor of the surface.

2. Existing Finishes
Where the Contractor shall install new finishes adjacent to existing finishes, materials shall be installed with no definitive transitions between existing and new finishes. Alignment indicators are from face of existing construction, unless noted otherwise.

3. Material Packaging/ Storage/ Installation
Materials shall be delivered in their original cartons or containers as packaged by the manufacturer and must bear the original manufacturer's labels. Contractor will be responsible for receiving and storing such goods. Materials stored on the site shall be protected from damage by moisture, wind, sun, abuse or any other harmful effects. Damaged materials will be rejected and must be replaced. All materials shall be installed and finished according to manufacturer's specifications. All newly installed floor covering material shall be covered with properly secured plastic or other material for protection until construction is completed. Adhesive backed rolled plastic is not an acceptable method for protection.

4. Preparation for Installation
All substrates and surfaces to receive finishes shall be free of dirt and debris prior to installation. Both the substrate and surface preparation shall be in accordance with the manufacturer's Recommendations.

5. Carpet
Contractor shall submit three (3) sets of carpet samples to NELSON for approval prior to field execution. Contractor shall ensure that carpet supplied for an individual installation be from the same manufacturing run, of uniform color, texture and pattern.

6. Carpet Installation
All flooring shall be installed as per manufacturer's recommendations regarding adhesives, seaming, direction, etc. Carpet installer shall ensure that carpet nap runs in the same direction, unless noted otherwise. Carpet to carpet transitions at door shall occur directly under line of closed door.

7. Carpet Stock
Contractor shall provide the Tenant a minimum of 10% attic stock on all carpet tiles.

8. Base
Contractor to provide 4" base, UNO. Allow base to run continuous around corners. Do not use pre-molded base or pieces less than 18" long. Base material shall be installed flush to floor surface unless noted otherwise.

9. Transitions
Contractor shall provide rubber transition strips between carpet and VCT/LVT or sealed concrete to match rubber base, unless noted otherwise. Transition between carpet or other surface, and tile or other hard surfaces to be as specified on drawings.

10. Paint
All painted walls shall receive manufacturer's recommended primer coat and two (2) coats minimum of latex finish paint. All painted wood shall receive manufacturer's recommended primer coat and two (2) coats minimum specified finish. All painted ceilings and soffits shall receive manufacturer's recommended primer coat and two (2) coats minimum of latex finish paint. All shelving, electrical panels, access doors, conduit, pipes, ducts, grilles and items of similar nature to be semi-gloss and to match adjacent wall and ceiling paint color, unless pre-finished in final intended color, or as directed. Use oil-based semi-gloss for metal door frames, jambs and doors when applicable.

11. Paint Submittals
Contractor shall submit three (3) sets of 8" x 10" paint samples to NELSON for approval prior to field execution.

12. Paint Stock
Contractor shall leave remaining paint (1 gallon minimum) of each color clearly labeled with "Color Name" and Finish Key "P-#" with owner for future touch-up needs.

13. Low-Emitting Materials
All adhesives and sealants used in the scope of this tenant finish construction shall comply with the VOC limits (grams per liter) for Adhesives, Sealants and Sealant Primers: South Coast Air Quality Management District (SCAQMD) Rule # 1168 requirements in effect on 07.01.05 and rule amendment dated 01.07.05. All aerosol adhesives shall comply with the Green Seal Standard GS-36 requirements in effect on 10.19.00. Contractor shall submit list, cut sheets and MSD of all adhesives, sealants and sealant primers used and all aerosol adhesives used in the scope of this project. Contractor to submit LEED-NC template documentation according to submittal requirements. Submittals to clearly identify the VOC contents and compliance with the referenced standards. Submittals shall include but not be limited to the following: carpet adhesive, VCT adhesive, rubber base adhesive, drywall adhesive, multi-purpose adhesive, contact adhesive, duct sealants, firestop sealants or any VOC producing epoxy or grout, etc. Also included is PVC, CPVC or ABS pipe welding if applicable and any aerosol adhesives. Note that adhesives and sealants applied to casework, doors or other interior prefabricated components manufactured off-site are not subject to these VOC requirements.
All paints and coatings shall be Low-VOC and shall meet the limitations and restrictions concerning chemical components set by the following standards: Topcoat Paints: Green Seal Standard GS 11 Paints, 1st edition, 05.20.93; Anti-corrosive/anti-rust paint: Green Seal Standard GS 03, Anti-corrosive Paints, 2nd edition, 01.07.97 for application on ferrous metal substrates; all other Architectural Coatings, Primers and Undercoats: SCAQMD Rule # 1113, Architectural Coatings, rules in effect on 01.01.04. Contractor shall submit LEED-NC template documentation according to submittal requirements, cut sheets, MSD sheets, signed attestation or other official literature from the manufacturer clearly identifying the VOC contents or compliance with the referenced standards

14. Wallcovering
Wall or surfaces with wallcovering finishes shall be primed with sizing prior to wallcovering installation. Wallcovering installations shall not terminate at outside corners or reveals. If it is necessary to terminate wallcovering on a flat wall or outside corner, provide edge mold. Acceptable seams: straight, matched patterns, no gaps, consistent shading and no air bubbles. Do not crush nap or burnish finish. Wallcovering seams should be no closer than 6 inches from outside corners, and 3 inches from inside corners. Horizontal seams are unacceptable, UNO. All seams shall be vertical and plumb, with patterns matched to greatest extent possible where patterns occur.

15. Wood Trim Molding
All paint-grade trim to be solid stock poplar or equivalent. All moldings shall be installed using mitered corners. Turn back moldings with 45 degree miter joint at door jambs if exposed edge of greater than ¼" is left, UNO. All joints in continuous runs shall have 45 degree lap joint and not butt joint. Finger joint trim is not allowed. All finished nail holes shall be filled with matching putty and be inconspicuous to the naked eye.

16. Solid Surface
Fabricator to provide Tenant with solid surface care and maintenance kit with instructions.

17. Clean Up
Upon completion of all finish applications, all materials and equipment shall be removed. Contractor shall insure that paint and glue spots are removed and that all areas are left clean and free of dust, dirt or debris.

18. Interior Finish Code Compliance
Finish requirements per 2012 NFPA 101 Section 38.3.3 Interior Finish for New Business Occupancies:
38.3.3.1 Interior finish shall be in accordance with Section 10.2.
38.3.3.2.1 Interior wall and ceiling finish material complying with Section 10.2 shall be Class A or Class B in exits and in exit access corridors.
38.3.3.2.2 Interior wall and ceiling finishes shall be Class A, Class B, or Class C in areas other than those specified in 38.3.3.2.1.
38.3.3.3.1 Interior floor finish shall comply with Section 10.2.
38.3.3.3.2 Interior floor finish in exit enclosures shall be Class I or Class II.
38.3.3.3.3 Interior floor finish shall comply with 10.2.7.1 or 10.2.7.2, as applicable.

NELSON
Nelco Architecture, Inc.
a licensed affiliate

1170 Peachtree St. N.E.
Suite 1700
Atlanta, Georgia 30309
404.881.1811

Release History

Date	Remark
01.12.18	Issued for Tenant Review
01.26.18	Issued for MEP Engineering
02.27.18	Issued for Pricing, Permit & Construction

STATE OF GEORGIA
ROBERT D. HINKLE
CERTIFICATE NO. 11533
REGISTERED ARCHITECT

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

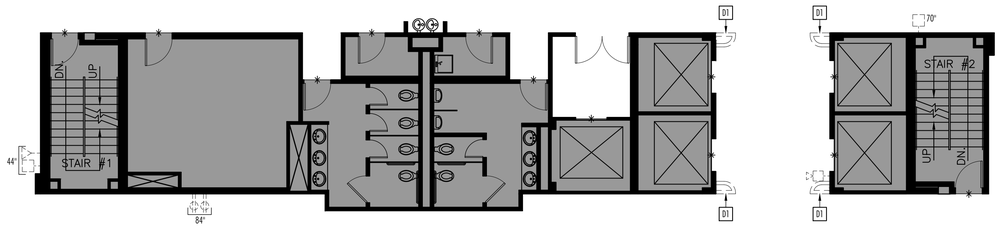
General Notes

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD01_3
Date	02.27.18

Released for Construction

Sheet Number

I-1.3



1 I-2 Demolition Plan

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

Demolition Plan Key Notes

General Notes: Refer to Sheet I-1.3 for all General Notes.

Salvaged Items: Offer salvaged building standard items to Property Manager that are in excess of what is noted to be relocated on the following plans.

General Demolition: Remove partitions, power/communication devices and life safety devices. indicated on plan by symbol and throughout demolished partitions. Salvage any items that are noted to be reused/relocated in the following plans.

Ceiling Components: Ceiling grid to remain throughout unless otherwise noted. Remove light fixtures as necessary to accommodate new lighting layout. Salvage fixtures for reuse. ***Reference Reflected Ceiling Plan 1/I-4 for new layout.***

Finish Removal: Remove any remaining finishes throughout area of construction.

Materials Left within Suite: Salvage materials such as fire extinguishers, aluminum fire extinguisher cabinets, ceiling tile, light fixtures, etc. that are left within the suite for reuse/relocation.

D1 - Remove slab-to-slab partition where indicated; partition to be removed in its entirety, leaving no sections of partition within the plenum space.

Symbol Legend

Partition - Existing to Remain

Partition - To be Removed

Door - Existing to Remain

Horn/Strobe Device - To be Removed

Power/Communication Devices - To be Removed

Transition - Extent of Demolition

Key - Note

Key Shade - NIC

NELSON

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Release History

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STATE OF GEORGIA
ROBERT D. HINKLE
CERTIFICATE NO. 11535
REGISTERED ARCHITECT

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Demolition Plan

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD02
Date	02.27.18

Released for Construction

Sheet Number

I-2

1 I-3.1 **Partition Plan**
Scale: 1/8" = 1'-0"

Partition Schedule

Alignment: Where existing and new partitions meet, alignment of finished faces is assumed unless otherwise noted. Where different partition types meet or where partition meets face of column, alignment of finished faces shall also be assumed, unless noted otherwise.
Note: All wet walls behind sinks throughout area of construction are to be moisture resistant GWB "greenboard".

Type A - New interior partition, floor to 6" above ceiling with 2'-0" of sound attenuation on either side of partition in ceiling plenum. Modify stud thickness as necessary to accommodate thicker partitions as indicated on plan. ***See Symbol Legend & Detail 1/I-3.2.***

Type B - New slab to slab partition with sound attenuation within wall cavity. ***See Symbol Legend and Detail 2/I-3.2.***

Partition Plan Key Notes

General Notes: Refer to Sheet I-1.3 for all General Notes.

Plumbing Accessories: If required, a back-flow prevention device shall be installed to comply with all applicable parts of 2012 IPC Sections 608.

Surface Preparation: Patch and prepare surfaces to receive new finishes at all areas affected by demolition/new construction. Visually inspect all existing walls throughout for damage; patch/repair as required. Hot patch partitions where electrical devices have been removed.

Mullions: Patch and repair exterior window mullions, sill and frame as needed.

Clear Caulk: Provide clear caulk on both sides of mullion cap at partitions throughout.

Fire Extinguisher: Install fire extinguisher(s) within semi/fully recessed cabinet where indicated by symbol and/or as required by Fire Marshal. Fire extinguisher shall comply with jurisdictional codes. Reuse salvaged aluminum cabinets and fire extinguishers, provide new to match as necessary.

Partition Plan Key Notes

FRT Plywood Blocking: Refer to Power/Communication Plan 1/I-5 for wall mounted TV locations; provide FRT plywood blocking within partition at all locations.

Blinds: Contractor to clean all existing blinds. **Coordinate with Property Management for building stock if new blinds are needed.**

Exposed Pipes and Surfaces: Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks. (2010 ADA, section 606.5).

Leak Detection: Provide and install leak detection and flood control system at new and existing plumbing locations throughout. **Coordinate with Property Manager and Building Engineer for additional requirements and to determine the appropriate alarm sequencing, in the event that the leak detection system is activated.**
Specification: FloodMaster RS-80.

Drainage Lines: All plumbing installed must be serviced with copper or braided supply and drainage lines. Coordinate all requirements regarding new and rework of existing plumbing with Construction Manager.

Water Heater: Provide and install new appropriately sized electric water heater for sinks @ Catering Galley/Coffee #703 and Break Room #714. Installation shall comply with all applicable parts of 2012 IPC Chapter 5 and Section 606.1.8.

Appliances: Provide and install the following appliances. ***Refer to Elevation for locations.***
- **AP1 -** Refrigerator [quantity: two (2)]: TBD
- **AP2 -** Microwave [quantity: two (2)]: GE, Profile Series, Model No. PES7227SLSS
- **AP3 -** 24" Beverage Center [quantity: one (1)]: Summit, Model No. AL57GCSS
- **AP4 -** 18" Beverage Center [quantity: one (1)]: Summit, Model No. FF433ESSSTBADA
- **AP5 -** Under Counter Ice Machine [quantity: one (1)]: Summit, Model No. BIM44GADA

Partition Plan Key Notes

P1 - Fur out column minimally to accommodate new power/communication outlets where indicated if feasible.

P2 - Provide and install FRT blocking within partition for Tenant provided signage **(NIC)** where indicated. Center blocking on wall. **Coordinate exact location and all requirements with Tenant.**

P3 - Provide new hot and cold waterlines, drainlines, and all associated plumbing for new single undermount bowl sink and ADA-compliant faucet @ Catering Galley/Coffee #703 and Break Room #714. Provide all necessary fittings, connections and accessories.
Sink Specification: Kohler, Vault, Model No. K-3894-4
Faucet Specification: Moen, Model No. 7864BL, Sleek Matte Black One-Handle High Arc Pulldown Kitchen Faucet (1.5 gpm flow rate)

P4 - Provide and install new waterline for Tenant provided water cooler **(NIC)** and coffee service **(NIC)** @ Catering Galley/Coffee #703 and Break Room #714.

P5 - Provide and install new waterline and drainline as required for under counter ice maker **(IC)** @ Catering Galley #703. Include all necessary fittings, connections and accessories as required. Contractor is responsible for installing appliances and making all final connections.

P6 - Modify walls to extend to underside of ceiling grid where indicated at drinking fountains.

Door Schedule

General Notes: Refer to Sheet I-1.3 for all General Notes.

New Doors: New interior doors to be stained to match sample provided by Designer. **Coordinate with Designer for sample.**

Safety Glazing: All glazing located in hazardous locations must be safety glazing per IBC 2012 edition, section 2406.4.

Security Devices: Tenant's security vendor shall provide card key access devices with associated magnetic lockset/electric strike as noted; Electrical Contractor shall provide all power/conduit to devices as required.

Door Schedule

E1 - Existing pair of doors/frame with **passage set** hardware and **closers** to remain.

E2 - Existing door/frame to remain. Provide and install electric lockset for Tenant's card key access system **(NIC)**. Hardware function to allow free egress at all times. Paint two (2) coats (P-1) on Tenant side of door; existing stain to remain on stairwell side of door. ***See Power/Communication Plan Note "Card Reader" & Finish Schedule on Sheet I-6.***

E3 - Existing door/frame/hardware to remain. Paint two (2) coats (P-1) on Tenant side of door; existing stain to remain on closet side of door. ***See Finish Schedule on Sheet I-6.***

E4 - Existing door/frame/hardware to remain. Paint two (2) coats paint (P-1) on both sides of door. ***See Finish Schedule on Sheet I-6.***

D1 - New pair of full height clear tempered glass entry/exit doors with **locking bar pull** hardware, concealed **closers**, **doorbell** with **remote release** tied to reception desk, **maglock**, **push to exit button** and ceiling mounted **motion sensor** for Tenant's card key access system **(NIC)**. Hardware function to allow free egress at all times. ***See Power/Communication Plan Key Note "Card Reader".***
Hardware Specification: DORMA TG138 Locking Ladder Pull, 49"

D2 - New full height entry/exit door/frame, **closer**, **lockset** hardware, **fail secure electric strike** for Tenant's card key access system **(NIC)**. Hardware function to allow free egress at all times. ***See Power/Communication Plan Key Note "Card Reader".***

D3 - New door/frame and **passage set** hardware.

D4 - New door/frame and **lockset** hardware.

D5 - New door/frame and ADA compliant **occupancy indicating deadbolt** and **dummy** hardware. Provide **closer** only at Single Use #727.

D6 - New door/frame, **closer**, **lockset** hardware, **fail secure electric strike** for Tenant's card key access system **(NIC)**. Hardware function to allow free egress at all times. ***See Power/Communication Plan Key Note "Card Reader".***

Door Schedule

D7 - New door/frame with **passage set** hardware and 1/4" thick clear tempered glass inset (6" top rail and stiles, 12" bottom rail).

D8 - New door/frame, **closer**, **lockset** hardware, **fail secure electric strike** for Tenant's card key access system **(NIC)**. Hardware function to allow free egress at all times. Provide new 2'-0" wide x 2'-0" high stain grade wood louver, centered on door and mounted @ 1'-0" AFF (to bottom of louver). ***See Power/Communication Plan Key Note "Card Reader".***

Window Schedule

New Glazing: All new windows shall be clear tempered glass and shall be braced to structure above as necessary. Glass thickness to be determined by supplier.

Safety Glazing: All glazing located in hazardous locations must be safety glazing per IBC 2012 edition, section 2406.4.

W1 - New floor to ceiling glass panel in 1" continuous polished chrome track at floor and 2" polished chrome continuous track at ceiling. Refer to plan for width and panel quantity. Provide clear silicone butt joints at all locations with more than (1) panel. Provide GWB header above glass as necessary for bracing to structure above. Apply 3M film. ***See Elevation 6/3.2 for film design and Detail 2/I-4.***
Film Specification: 3M Dusted Crystal 7725-314

W2 - New (4) equal ±5'-0" wide x 2'-0" high clerestory glass panels in polished chrome top and bottom channels; top of glazing to be flush with ceiling. Provide clear silicone butt joints. Provide GWB header above glass; provide bracing as necessary. Header to extend to underside of slab. ***See Detail 2/I-4.***

Price as Alternates Notes

PA1 - Provide and install bottle filling station where indicated; provide waterline, drainline and power as necessary. Install to comply with all jurisdictional codes. Coordinate with Designer as necessary if alternate is accepted.
Specification: Elkay Model No. LZWSDK EZH20 In-Wall Bottle Filling Station

Symbol Legend

Partition - Existing to Remain
Partition - New Type A Construction
Partition - New Type B Construction
Door - New/Existing
Key - Door Type
Key - Wall Type
Key - Note
Key - Window Type
Key - Detail Section or Elevation
Key - Center line
Fire Extinguisher - Cabinet
Key Shade - NIC

Modifiers
E - Existing
SR - Semi-Reccessed Cabinet
FR - Fully Recessed Cabinet

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Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Partition Plan

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD03
Date	02.27.18

Released for Construction

Sheet Number
I-3.1
of **13**

Non-Structural Metal Framing Notes and Limiting Heights

Partition Types indicated in the construction documents shall comply with the following criteria for non-structural interior metal framing partition systems:

A. All non-structural studs shall comply with the **minimum gauge** and **mils** thickness listed:
- Contractor shall field verify framing heights of existing structures prior to ordering materials
- Substitutions: Contractor shall submit substitutions for architect's approval prior to ordering material or proceeding with construction of partitions.

B. Non-Structural Metal Framing Limiting Heights are based on buildings where the height from floor level to the structural systems may be one or more of the following conditions:
- Floor slab to roof deck of single story buildings: Typical framing height for Office/Warehouse/Distribution facilities: 24' to 40'.
- Multi-Story: Structural Floor Slab to underside of structural slab of the floor or roof deck above.

Limiting heights provided in these construction documents are referenced from the **SSMA** Product Technical Guide's "Interior Wall Height Tables" for assemblies included in the project scope. Increase metal stud gauge and/or decrease metal stud O.C. spacing so as not to exceed L/240 design criteria (per 2012 IBC Table 1604.3) with 5 PSF lateral load (per 2012 IBC Section 1607.14). Refer to **SSMA** Product Technical Guide's "table notes" for complete property criteria associated with limiting heights.
- For Composite Wall Heights refer to the "**Composite** Non-Structural Metal Framing (Stud) Limiting Height Chart"
- For Non-composite - Fully Braced Wall Heights as well as walls with Bracing at 48" O.C. refer to the "**Non-Composite** Non-Structural Metal Framing (Stud) Limiting Height Chart"

C. Provide lateral bracing of metal studs to structure as required by these construction documents, applicable building codes and the A.H.J.

D. Contractor shall provide deflection track for top runners of metal stud partitions that extend to underside of structural deck where deflections of the structural roofing system exceed 1/2" where partitions are located.

E. Steel Stud Coding Example (Universal Coding as listed in SSMA Product Technical Guide) example, "600S162-54":
600 = 6" member depth, S = CSJ (steel stud), 162 = 1-5/8" flange width (1/100 inch), 54 = corresponds to mil thickness
Inches to Code Size Reference (See **Stud Size** column below): 2 1/2" = (250); 3 5/8" = (362); 6" = (600); 8" = (800)

COMPOSITE NON-STRUCTURAL METAL FRAMING LIMITING HEIGHT CHART

	Gauge & mil:	25 ga 18 mil	22 ga 27 mil	20 ga 30 mil	20 ga 33 mil	18 ga 43 mil	16 ga 54 mil	14 ga 68 mil
Stud Size	**Spacing O.C.**	**LIMITING HEIGHTS** * Note #1						
2-1/2" (250)	24"	11'-3"	12'-2"	12'-7"	12'-5"	13'-6"		
	16"	12'-10"	13'-11"	14'-5"	14'-3"	14'-9"		
	12"	14'-2"	15'-4"	15'-10"	15'-8"	15'-9"		
3-5/8" (362)	24"	13'-2"	14'-5"	14'-6"	15'-3"	16'-3"	17'-8"	
	16"	15'-2"	16'-6"	16'-7"	17'-5"	18'-0"	19'-7"	
	12"	16'-8"	18'-2"	18'-3"	19'-2"	19'-7"	21'-2"	
6" (600)	24"	16'-4"	21'-3"	21'-6"	22'-3"	25'-7"	27'-0"	28'-9"
	16"	20'-1"	24'-4"	24'-7"	25'-6"	28'-3"	30'-0"	32'-0"
	12"	22'-9"	26'-9"	27'-1"	28'-1"	30'-7"	32'-6"	34'-8"
8" (800)	24"					30'-6"	32'-6"	35'-9"
	16"					34'-4"	36'-8"	39'-0"
	12"					37'-6"	40'-0"	43'-4"

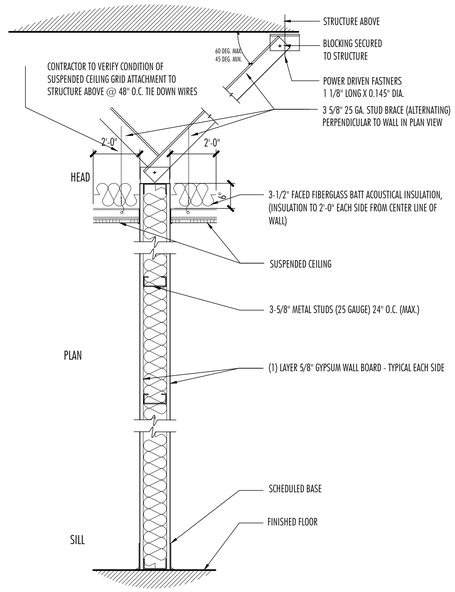
* NOTES:
1. Composite limiting heights are based on a single layer of 5/8" type X gypsum board installed in the vertical orientation to both sides of the wall over full height using minimum No. 6 Type "S" Drywall screws spaced a maximum of 12" OC for studs at 24" spacing, and 16" OC for studs at 16" and 12" spacing. 5 psf (per 2012 IBC Section 1607.14) and L/240 (per 2012 IBC Table 1604.3).

NON-COMPOSITE NON-STRUCTURAL METAL FRAMING LIMITING HEIGHT CHART

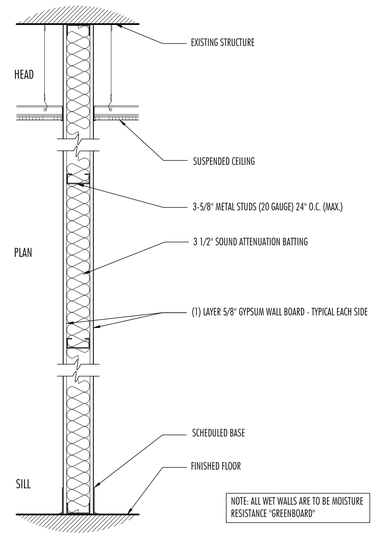
	Gauge & mil:	25 ga 18 mil	22 ga 27 mil	20 ga 30 mil	20 ga 33 mil	18 ga 43 mil	16 ga 54 mil	14 ga 68 mil
Stud Size	**Spacing O.C.**	**LIMITING HEIGHTS** * Note #1						
2-1/2" (250)	24"	Δ_2 8'-3"	9'-10"	10'-2"	10'-6"	11'-5"		
	16"	Δ_2 9'-7"	11'-3"	11'-7"	12'-0"	13'-0"		
	12"	Δ_2 10'-6"	12'-5"	12'-9"	13'-2"	14'-4"		
3-5/8" (362)	24"	9'-3"	12'-5"	13'-4"	14'-0"	15'-3"	Δ_1 16'-4"	Δ_1 17'-5"
	16"	11'-4"	15'-0"	15'-6"	16'-0"	17'-5"	Δ_1 18'-8"	Δ_1 19'-11"
	12"	13'-1"	16'-6"	17'-0"	17'-7"	19'-2"	Δ_1 20'-6"	Δ_1 21'-11"
6" (600)	24"		Δ17'-6"	18'-10"	20'-6"	22'-10"	24'-6"	26'-2"
	16"		Δ21'-6"	22'-11"	23'-9"	26'-1"	28'-00"	30'-0"
	12"		Δ24'-4"	25'-2"	26'-2"	28'-9"	30'-10"	33'-0"
8" (800)	24"					28'-8"	31'-1"	33'-4"
	16"					32'-9"	35'-7"	38'-1"
	12"					36'-1"	39'-2"	41'-11"

* NOTES:
1. Non-Composite Minimum lateral load 5 psf (per 2012 IBC Section 1607.14) and L/240 (per 2012 IBC Table 1604.3) are required.
2. Web height-to-thickness ratio exceeds 200. Web stiffeners are required at all support points and concentrated loads and may require web stiffeners at ends. Review manufacturer's requirements for flexural and deflection control.

Δ : Requires web stiffeners required at ends.
Δ_1 :Heights apply to "Braced at 48" O.C. Metal Framing".
Δ_2:Heights apply to "Fully Braced Metal Framing".



1 / I-3.2 Partition Type A
Scale: 1"=1'-0"



2 / I-3.2 Partition Type B
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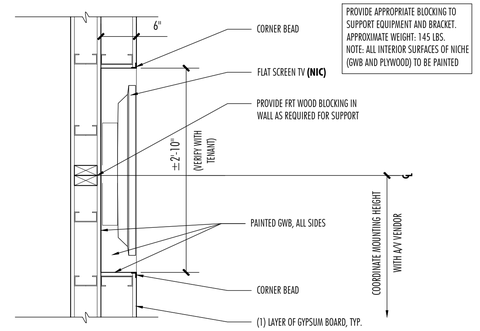
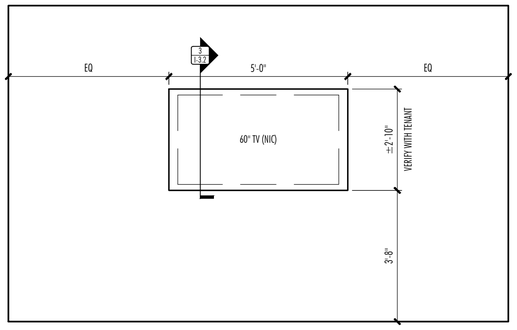
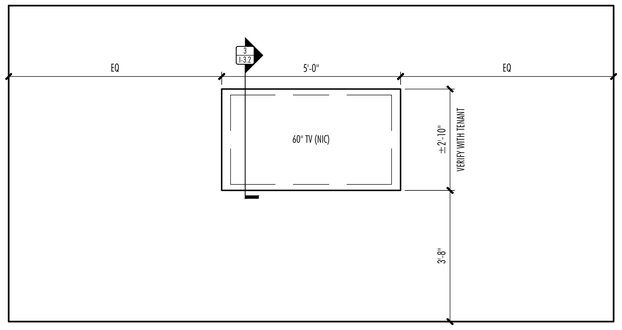


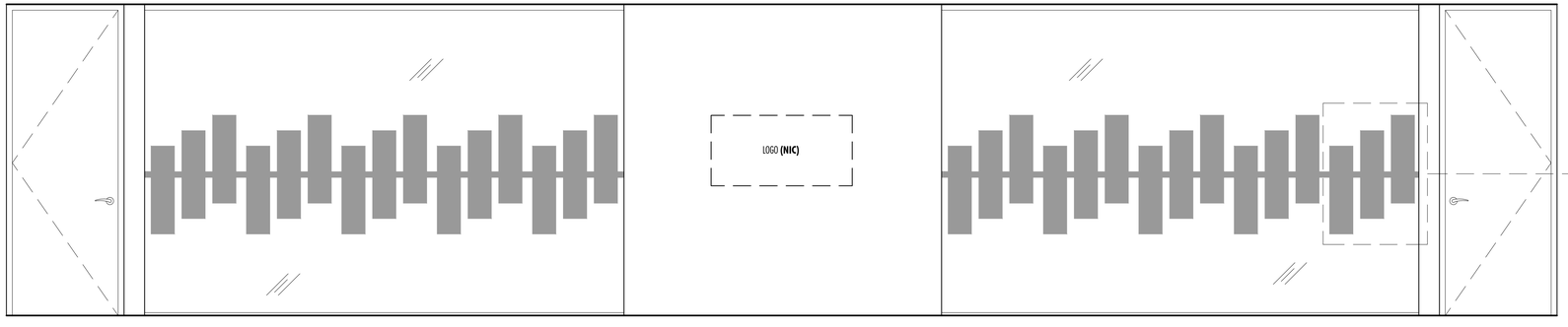
3 / I-3.2 Section - TV Niche
Scale: 1"=1'-0"



4 / I-3.2 Elevation - Reception #700
Scale: 1/2"=1'-0"



5 / I-3.2 Elevation - Huddle #737 and Huddle #760
Scale: 1/2"=1'-0"



6 / I-3.2 Design Intent Elevation - 3M Film on Glazing
Scale: 1/2"=1'-0"

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STATE OF GEORGIA
ROBERT D. HINKLE
CERTIFICATE NO. 11593
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23,278 RSF

Wall Details & Elevations

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD03
Date	02.27.18

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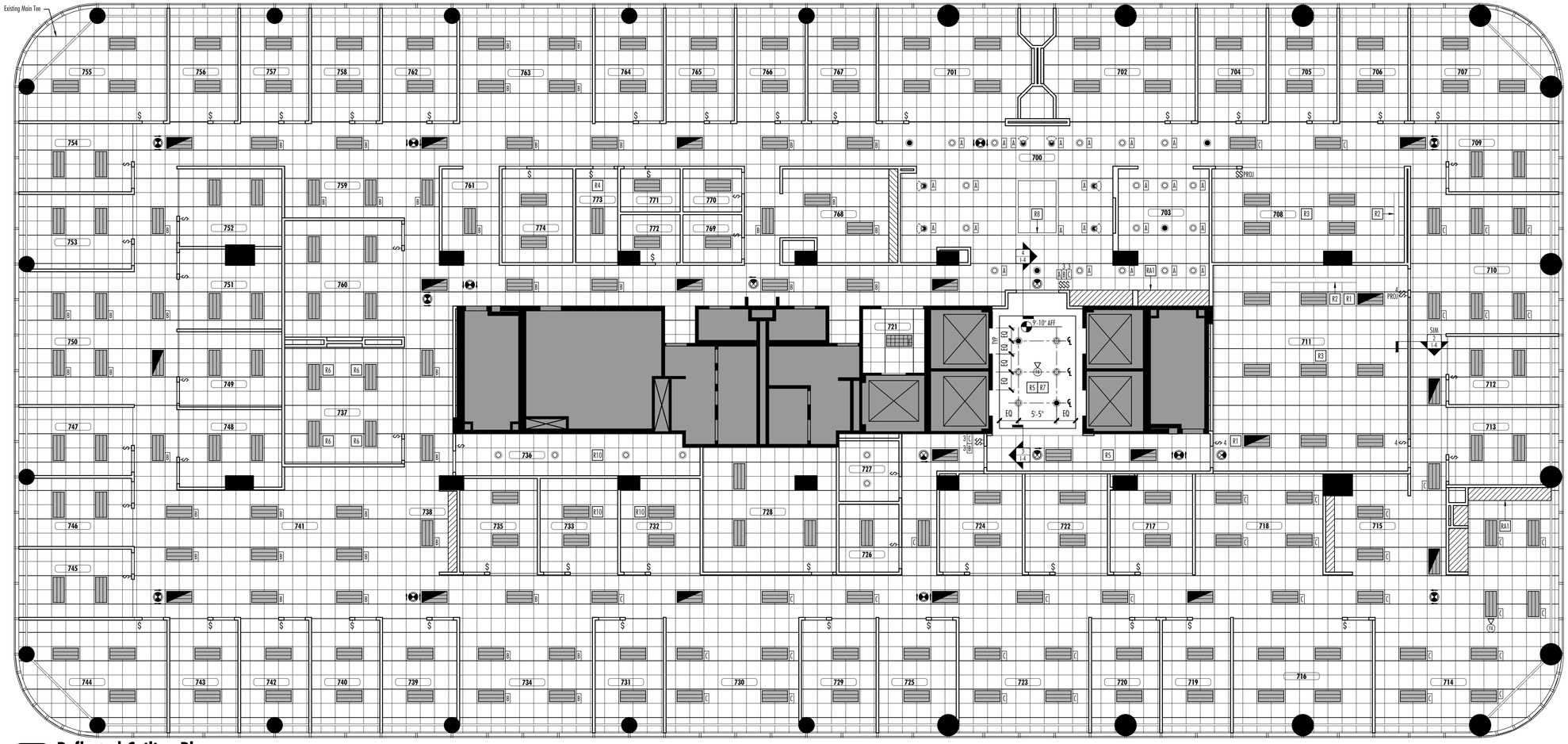
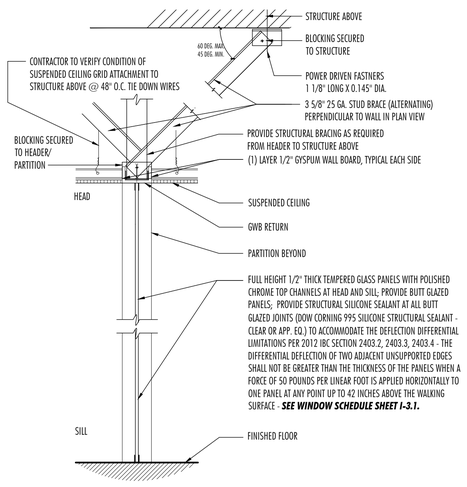
Sheet Number

I-3.2



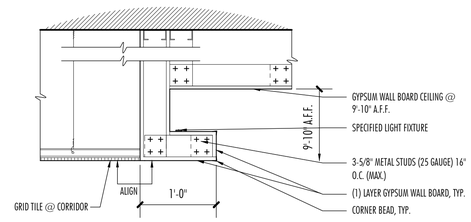
1 Reflected Ceiling Plan
I-4

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



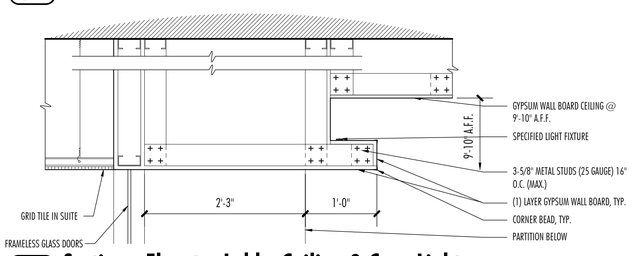
2 Partition Type G- Header at Glazing Panels
I-4

Scale: 1"=1'-0"



3 Section - Cove Light
I-4

Scale: 1"=1'-0"



4 Section - Elevator Lobby Ceiling & Cove Light
I-4

Scale: 1"=1'-0"

Reflected Ceiling Plan Key Notes

General Notes: Refer to Sheet I-1.2 for all General Notes.

Fixtures: All light fixtures, switches and exit signs are **New**, unless otherwise noted. Verify that all existing and relocated fixtures are in proper working condition; repair and/or replace as necessary.

Ceiling Grid/Tile: Existing ceiling grid to remain throughout; repair/replace any damaged sections of grid. Provide cross tees and ceiling tile throughout; utilize attic stock within suite and provide new to match as necessary.

Emergency Fixtures: Provide and install emergency fixtures to meet all jurisdictional codes; provide additional as necessary and/or as required by Fire Marshal. Tie all emergency fixtures into emergency circuit.

Exit Signs: Provide and install new building standard LED edge lit exit signs throughout where shown on plan.

GWB Ceiling/Soffits: Provide level 5 finish on GWB ceiling/soffits. Engineer should design HVAC access locations at acoustical tile ceilings if possible to minimize, or avoid, access panels in GWB ceilings/soffits. Contact Designer immediately if GWB access panel is required. Consult with Designer for final locations of slot diffusers.

Occupancy Sensors: Provide new occupancy sensors throughout area of construction as required by code.

Lead Times: Order all fixtures at release start of project and coordinate immediately with Designer for any long lead time issues.

Perimeter Diffusers: Existing perimeter diffusers are existing to remain, unless noted otherwise. Relocate and replace diffusers as necessary. ***Refer to Engineering Drawings.***

R1 - Connect emergency fixture on a relay so that emergency capabilities are only activated in the event of a power outage where indicated; tie into building's emergency circuit.

R2 - Install Tenant provided motorized projection screen **(NIC)** where indicated @ Conference #708 and Conference #711. Provide and install blocking and/or unistruts tied into existing structure as necessary; provide power as required. Projection screen control switch is to be located next to lighting switch, ganged together w/ single faceplate if possible. **Coordinate exact location and all requirements with Tenant.**

Reflected Ceiling Plan Key Notes

R3 - Provide plenum mounted junction boxes for Tenant provided ceiling mounted A/V projector **(NIC)** @ Conference #708 and Conference #711; J-box to accommodate electrical connections and data/telephone connections; provide conduit (sized by engineer) from junction box to new floor core for Tenant's A/V requirements; provide FRT blocking and/or unistruts tied into existing structure as required. **Coordinate exact location and all requirements with Tenant.**

R4 - Provide and install new thermostatically controlled exhaust fan where indicated @ Server Room #773. Confirm all specifications associated with exhaust fan with mechanical engineer.

R5 - Tie all new/relocated light fixtures at Elevator Lobby & Common Corridor to existing building circuit.

R6 - Cut main tee to accommodate fixtures where indicated @ Huddle #737. Reinforce grid as needed.

R7 - Provide and install new GWB ceiling @ 9'-10" and drop soffit to align with ceiling grid with cove light @ Elevator Lobby to match construction on 10th floor. ***See Detail 3/I-4.***
Specification: Modo Light- Mini cove Moda Mini SO S1 S 0-10V 35K HCRI 1FT

R8 - Provide and install recessed linear pendant in racetrack configuration @ Reception #700 where indicated.
Specification: LumenWerx, Via 4 Patterns; Model No. VIA4RPAT - HLO - LED - 80 - 500 - 35 - LENGTH - LEV - 90 - UNV - D1 - 1 - TG15 - NA - W; Contact Ross Bogue w/ Lighting Associates @ 470.481.1916

R9 - Construct GWB soffit above upper cabinets throughout where indicated by key hatch. Face of soffit to align with face of cabinets, unless otherwise noted. ***See Symbol Legend and Details 9, 10, 11/I-8.2.***

R10 - Coordinate location of fixtures @ Office #732, Office #733 and File #736 with mechanical equipment above ceiling. ***Refer to Engineering Drawings.***

Price as Alternate Key Notes

RA1 - Provide and install under cabinet lighting at upper cabinets @ Catering Galley/Coffee #703 and Break Room #714. Provide associated switch.
Specification: Bruck Lighting, Wundercab; Part No. 138540 - 24 - 35k - 95 - VOLT - WH; Contact Ross Bogue w/ Lighting Associates @ 470.481.1916

Symbol Legend

- **Light Fixture -** Existing 2'x4' Fluorescent Parabolic
- **Light Fixture -** 2'x4' LED Direct/Indirect
  Specification: CREE; ZR24 LED Troffer; 90 CRI, 3500K Color Temperature
- **Light Fixture -** 2'x4' LED Direct/Indirect (Emergency Circuit)
  Specification: CREE; ZR24 LED Troffer; 90 CRI, 3500K Color Temperature
- **Light Fixture -** LED Adjustable Down Light
  Specification: CREE KR6, 850 Lumens, 3500K, Wall Wash Option
- **Light Fixture -** LED Down Light
  Specification: CREE KR6, 850 Lumens, 3500K
- **Light Fixture -** LED Down Light (Emergency Circuit)
  Specification: CREE KR6, 850 Lumens, 3500K
- **Light Fixture -** Exit Sign (Emergency Circuit)
  Specification: Mercury MER-RELXTE; Recessed Mount, Clear Face, Aluminum Housing, Green Letters
- **Fire Safety -** Ceiling Mounted Fire Alarm Horn/Strobe
- **Switch**
- **Key -** Note
- **Key Hatch -** GWB Soffit Above Cabinets; *See Key Note R9*
- **Key Shade -** NIC

Modifiers
E - Existing
3 - 3 way switching
4 - 4 way switching
A - Circuit Indicator Key

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23,278 RSF

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Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD04
Date	02.27.18

Released for Construction

Sheet Number

I-4

of 13

1
I-5

Power/Communication Plan

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

Power/Communication Plan Key Notes

General Notes: Refer to Sheet I-1.3 for all General Notes.

Devices: All power/communication outlets and fire alarm devices are **new**, unless otherwise noted. Verify that all existing and relocated devices are in proper working condition; repair and/or replace as necessary.

Fire Alarms: Provide and install new building standard wall mounted fire alarms (audio/visual) mounted at 80" AFF as indicated and as required by code. Final quantity and location to be determined by licensed contractor and code official to meet all sound and visual requirements/code. ***See Reflected Ceiling Plan 1/I-4 for ceiling mounted device locations.***

Furniture: All furniture shown is for representational purposes only and is to be provided by Tenant. Tenant and/or Tenant's selected vendor are to confirm furniture configuration and install per installation drawing provided by vendor to meet Tenant's needs and jurisdictional requirements. It is the sole responsibility of the Tenant and/or Tenant's vendor to field verify conditions prior to providing furnishings to ensure feasibility of product selected.

Workstation Feed (Wall Mounted): Provide one (1) pair of wall mounted junction boxes where indicated to accommodate Tenant's workstations **(NIC)**. One (1) J-box to accommodate electrical whip; one (1) J-box to accommodate telephone/data connections; electrical contractor to make final connection. **Verify location and electrical requirements with Tenant and Tenant's furniture vendor.**

Cable Feed: Provide one (1) recessed outlet with one (1) duplex, one (1) data outlet and one (1) junction box for cable feed to TV **(NIC)** as indicated. **Coordinate exact location and mounting height with Tenant and Tenant's AV vendor, taking mounting bracket into consideration prior to installation.** ***See Symbol Legend.***

Card Reader: Provide and install junction box where indicated for Tenant's card key access **(NIC)**; coordinate with Tenant's security vendor for size of J-box. Electrical contractor to provide power to electric strike/maglock.

Plywood Telephone Backboard: Provide and install 4'-0" wide x 8'-0" high x 3/4" thick FRT plywood telephone backboard @ Server #773. Mount flush to ceiling; paint two (2) coats to match partition on which it occurs.

Power/Communication Plan Key Notes

E1 - Provide and install flush floor mounted outlet for electrical and voice/data connections **(one [1]** duplex outlet and **one [1]** voice/data outlet) @ Huddle #701, Huddle #702, Huddle #707, Conference #708, Conference #711, Huddle #716, Huddle #737, Huddle #744 and Huddle #760. Coordinate with Property Manager and Building Engineer for floor X-ray at slab and possible floor core location prior to drilling. **Coordinate exact location in field with Tenant's furniture vendor prior to installation.**

E2 - Provide and install junction box for Tenant's provided door bell with intercom **(NIC)** where indicated; install @ 48" AFF. Provide wire release button and intercom to reception desk. Verify wire release button location with Tenant. Electrical contractor to provide power to maglock **(NIC)**. Tie fail secure maglock into building's fire alarm system. **Coordinate with Tenant for exact location of chime.**

Symbol Legend

- **Power Receptacle -** Duplex
- **Power Receptacle -** Duplex - Dedicated
- **Power Receptacle -** Duplex - GFI
- **Power Receptacle -** Quadplex
- **Power Receptacle -** Quadplex - Dedicated
- L530 **Power Receptacle -** NEMA L530
- **Communications -** Combination Telephone/Data
- **Communications -** Telephone Wiring Panel
- CR **Card Reader**
- DB **Door Bell**

Symbol Legend

- PTE **Push to Exit Button**
- TV **Clock Box -** Duplex/AV/Data
- WS **Workstation Feed -** Pair of Wall Mounted Junction Boxes
- **Floor Core -** Duplex/Tele/Data
- FA **Fire Safety -** Fire Alarm Horn/Strobe
- FP **Fire Safety -** Fire Pull
- E1 **Key -** Note
- **Key Shade -** NIC

Modifiers
E - Existing
H - Horizontal

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404.881.1811

Release History

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01.12.18	Issued for Tenant Review
01.26.18	Issued for MEP Engineering
02.27.18	Issued for Pricing, Permit & Construction

STATE OF GEORGIA
ROBERT D. HINKLE
CERTIFICATE NO. 11559
REGISTERED ARCHITECT

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Power/Communication Plan

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD05
Date	02.27.18

Released for Construction

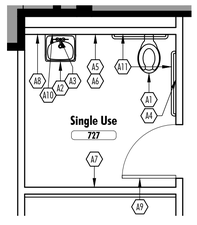
Sheet Number

I-5

of **13**

1 I-6 Finish Plan

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



2 I-6 Accessory Plan

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

Accessory Schedule

See Detail 7/I-8.2 for all installation heights.

A1 - Toilet: American Standard, Madera FloWise 1.1 gpf Everclean (to match core restrooms)

A2 - Lavatory: Kohler, Pinoir K-2035-1, White

A3 - Faucet: Technical Concepts Automatic Faucet, Milano, Polished Chrome (0.5 gpm max.)

A4 - Toilet Tissue Paper Dispenser: Georgia Pacific Compact Brushed Steel Side by Side Double Roll #56796

A5 - Paper Towel Dispenser: Georgia Pacific EnMotion Automatic Paper Towel Dispenser #59466, Stainless, Recessed

A6 - Trash Receptacle: Georgia Pacific #59491; Stainless Steel

A7 - Seat Cover Dispenser: Bobrick Model No. B4221; Stainless steel, surface mounted

A8 - Soap Dispenser: Global Industrial Item #: T9F640905 Stainless Steel Vertical Liquid Soap Dispenser

A9 - Coat Hook: Bobrick Model No. B212; install on back of door

A10 - Mirror: Bobrick Model No. B-165 2436

A11 - Grab Bars: Bobrick Model No. B-5806 x 36/42

Finish Plan Key Notes

General Notes: Refer to Sheet I-1.3 for all General Notes.

Finish Submittals: Submit samples of all finishes to designer for approval prior to ordering.

Lead Times: All materials shall be ordered immediately upon arrival of submittals. **Coordinate with Designer immediately if lead times are a concern for project completion.**

Finish Plan Key Notes

Solid Surface Care: Provide Tennant with solid surface care and maintenance kit with instructions upon completion of build-out.

Wood Stain: All new interior solid doors to be stained. **Coordinate with Designer for control sample.**

F1 - Provide and install minimal rubber base transition strip to match rubber base (RB-1) as necessary between carpet and VCT/LVT flooring. ***See Finish Schedule.***

F2 - Provide Schluter Schiene or minimum width Schluter brushed aluminum transition strip @ tile to carpet/VCT transitions. Maximum transition 1/2" per ADA requirements.

F3 - No transition strip needed at carpet tile to LVT transition where indicated.

Symbol Legend

- **Floor Finish -** Transition
- **Floor Finish -** Installation Direction
- CPT-1 — **Key -** Floor Finish
- P-1 — **Key -** Wall Finish
- F1 — **Key -** Note
- F1 — **Key -** Accessory/Plumbing Fixture
- **Key Shade -** NIC

Finish Schedule

CPT-1 Carpet Tile
Manufacturer: Shaw Contract
Style: Glaze 59562
Color: Blue Moon 62486
Size: 24" x 24"
Installation: Quarter Turn
To be used throughout unless otherwise noted.
Contact Mark Law @ 770.241.1345.

CPT-2 Carpet Tile
Manufacturer: Shaw Contract
Style: Uncover Tile 5T150
Color: Iron 50505
Size: 9" x 36"
Installation: Herringbone
To be used @ Huddle #701 & Huddle #702.
Contact Mark Law @ 770.241.1345.

CPT-3 Carpet Tile
Manufacturer: Shaw Contract
Style: Haze 5T037
Color: Stardust 37496
Size: 18" x 36"
Installation: Ashlar
To be used @ Huddle #707, Conference #708, Huddle #716, Huddle #737, Huddle #744 & Huddle #760.
Contact Mark Law @ 770.241.1345.

CPT-4 Carpet Tile
Manufacturer: Shaw Contract
Style: Surround 5T125
Color: Limestone 17530
Size: 24" x 24"
Installation: 1/3 Random Mix with CPT-5/CPT-6
To be used @ Conference #711.
Contact Mark Law @ 770.241.1345.

CPT-5 Carpet Tile
Manufacturer: Shaw Contract
Style: Surround 5T125
Color: Dove Grey 17557
Size: 24" x 24"
Installation: 1/3 Random Mix with CPT-4/CPT-6
To be used @ Conference #711.
Contact Mark Law @ 770.241.1345.

CPT-6 Carpet Tile
Manufacturer: Shaw Contract
Style: Surround 5T125
Color: Denim 17496
Size: 24" x 24"
Installation: 1/3 Random Mix with CPT-4/CPT-5
To be used @ Conference #711.
Contact Mark Law @ 770.241.1345.

T-1 Tile Flooring
Manufacturer: Trinity Surfaces
Style: Social
Color: White Shades
Size: 8" x 48" / 12" x 48"
Grout: Mapei, 27 Silver, 1/8"
Installation: See Plan
Contact Elizabeth Chambley @ 770.856.5139.

T-2 Tile Flooring
Manufacturer: Trinity Surfaces
Style: Palais
Color: Fume
Finish: Semi-Polished
Size: 12" x 24"
Grout: Mapei, 27 Silver, 1/8"
Installation: 1/3 Offset
Contact Elizabeth Chambley @ 770.856.5139.

LVT-1 Luxury Vinyl Tile
Manufacturer: Shaw Contract
Style: Level 0551V
Color: Blank 51515
Size: Hexagon
Installation: 1/3 Random Mix with LVT-2/LVT-3.
To be used where indicated.
Contact Mark Law @ 770.241.1345.

LVT-2 Luxury Vinyl Tile
Manufacturer: Shaw Contract
Style: Level 0551V
Color: Exact 51518
Size: Hexagon
Installation: 1/3 Random Mix with LVT-1/LVT-3.
To be used where indicated.
Contact Mark Law @ 770.241.1345.

LVT-3 Luxury Vinyl Tile
Manufacturer: Shaw Contract
Style: Level 0551V
Color: Balance 51429
Size: Hexagon
Installation: 1/3 Random Mix with LVT-1/LVT-2.
To be used where indicated.
Contact Mark Law @ 770.241.1345.

LVT-4 Luxury Vinyl Tile
Manufacturer: Shaw Contract
Style: Pigment 0503V
Color: Grey 65530
Size: 7" x 48"
Installation: Ashlar, Direct Glue Down
To be used where indicated.
Contact Mark Law @ 770.241.1345.

VCT-1 Vinyl Composite Tile
Manufacturer: Armstrong Flooring
Style: Standard Excelon Imperial Texture
Color: 51904 Sterling
To be used where indicated.

RB-1 Rubber Base
Manufacturer: Johnsonite
Style: 4" Cove
Color: 40 Black
To be used throughout unless otherwise noted.

WB-1 Wood Base
Style: 4" Straight
Color: Paint (2) coats P-1 semi-gloss
To be used where T-1 flooring is installed.

TB-1 Tile Base
Manufacturer: Trinity Tile
Style: Palais
Color: Fume
Size: 3" x 24" Bullnose
Grout: Mapei, 27 Silver, 1/8"
Installation: To align with floor tile as feasible
To be used where T-2 flooring is installed.
Contact Elizabeth Chambley @ 770.856.5139.

WV-1 Wood Veneer
Manufacturer: TBD
Color: TBD
See Details.

PL-1 Plastic Laminate
Manufacturer: Wilsonart
Color: Magnolia 5012K-19
Finish: Lena Weave Finish
See Details.

PL-2 Plastic Laminate
Manufacturer: Formica
Style: ColorCore2
Color: New White 7223C-58
Finish: Matte
See Details.

PL-3 Plastic Laminate
Manufacturer: Wilsonart
Color: Neo Walnut 7991-38
See Details.

PL-4 Plastic Laminate
Manufacturer: Laminart
Color: Slate Gray #9213-D
Finish: Diamond Finish (Gloss)
See Details.

PL-5 Plastic Laminate
Manufacturer: Arborite
Color: P-400 CA Chambray Fusain
See Details.

PL-6 Plastic Laminate
Manufacturer: Nevamar
Color: Silver Dollar AGB000-SD
See Details.

QS-1 Quartz Surface
Manufacturer: Wilsonart
Color: Lorraine Q1012
Thickness: 3CM
See Details.

P-1 General/Trim Paint
Manufacturer: Sherwin Williams
Color: SW 7647 Crushed Ice
Application: 2 coats (prime per Manufacturer's requirements)
Eggshell: To be used throughout unless otherwise noted.
Semi-Gloss: To be used on all wood base, h.m. frames throughout, core doors as scheduled and phone board. ***See Door Schedule.***

P-2 Accent Paint
Manufacturer: Sherwin Williams
Color: SW 7650 Ellie Gray
Type/Finish: Interior Acrylic Latex/Eggshell
Application: 2 coats (prime per Manufacturer's requirements)
To be used where indicated.

P-3 Accent Paint
Manufacturer: Sherwin Williams
Color: SW 7603 Poolhouse
Type/Finish: Interior Acrylic Latex/Eggshell
Application: 2 coats (prime per Manufacturer's requirements)
To be used where indicated.

P-4 Accent Paint
Manufacturer: Sherwin Williams
Color: SW 7602 Indigo Batik
Type/Finish: Interior Acrylic Latex/Eggshell
Application: 2 coats (prime per Manufacturer's requirements)
To be used where indicated.

P-5 Elevator Cab Frame Paint
Manufacturer: Sherwin Williams
Color: SW 7076 Cyberspace
Type/Finish: Electrostatic
Application: 2 coats (prime per Manufacturer's requirements)
To be used on elevator cab door frames; elevator cab doors to remain polished chrome.

VWC-1 Vinyl Wallcovering
Manufacturer: Wolf Gordon
Style: Mumbai
Color: Bombay Blue GOH 11684932
Classification: Class A
To be used where indicated.
Contact Kaelin Hipes @ 770.212.0629.

VWC-2 Vinyl Wallcovering
Manufacturer: De Novo Wall
Style: Jemma
Color: DN2-JEM-01 High Beam
Classification: Type II
To be used where indicated.
Contact Maureen Blair @ 678.603.3788.

VWC-3 Vinyl Wallcovering
Manufacturer: National Wallcovering
Style: Koden
Color: CD2-KDN-20 Crane
Classification: Type II
To be used where indicated.
Contact Maureen Blair @ 678.603.3788.

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404.881.1811

Release History

Date	Remark
01.12.18	Issued for Tenant Review
01.26.18	Issued for MEP Engineering
02.27.18	Issued for Pricing, Permit & Construction

STATE OF GEORGIA
ROBERT D. HINKLE
CERTIFICATE NO. 11559
REGISTERED ARCHITECT

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Finish & Restroom Accessory Plans

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD06
Date	02.27.18

Released for Construction

Sheet Number

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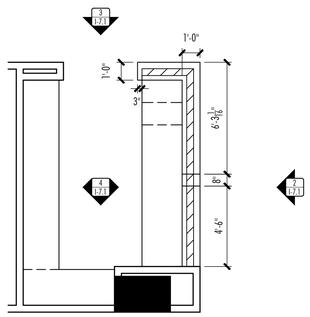

1 I-7.1 Enlarged Plan - Reception #700

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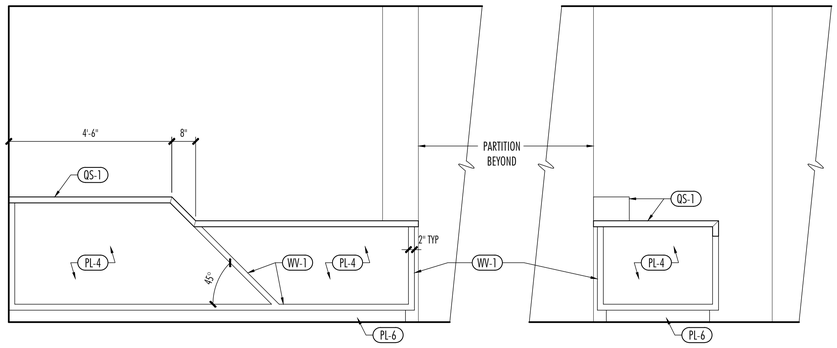

2 I-7.1 Elevation - Reception #700

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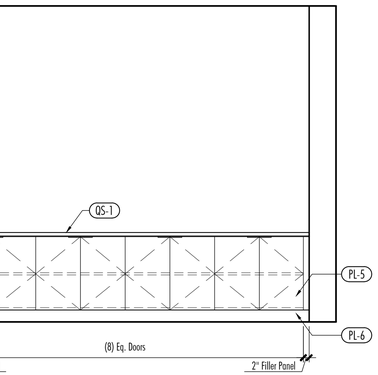

3 I-7.1 Side Elevation - Reception #700

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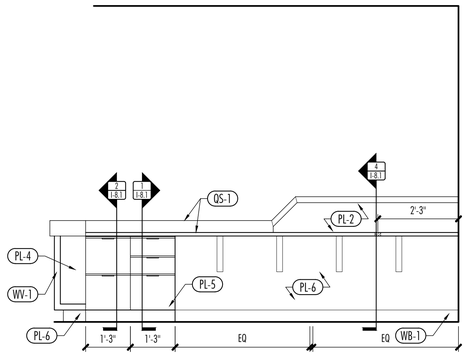

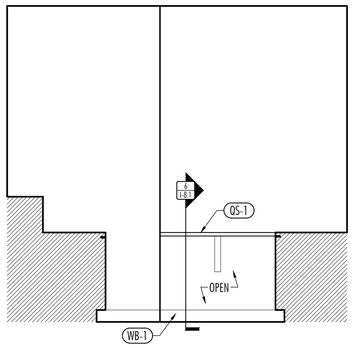

4 I-7.1 Elevation - Reception #700

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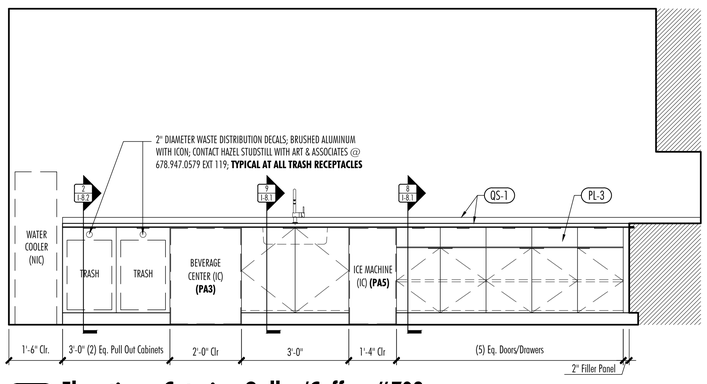

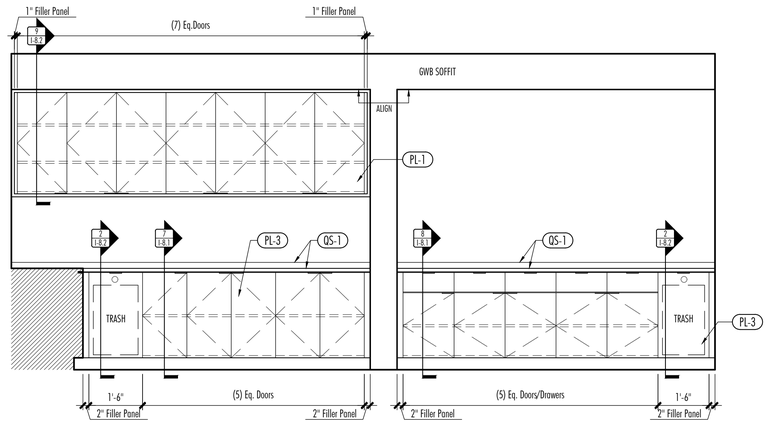

5 I-7.1 Elevation - Catering Galley/Coffee #703

Scale: 1/2"=1'-0"

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Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Millwork Elevations

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD07
Date	02.27.18

Released for Construction

Sheet Number

I-7.1

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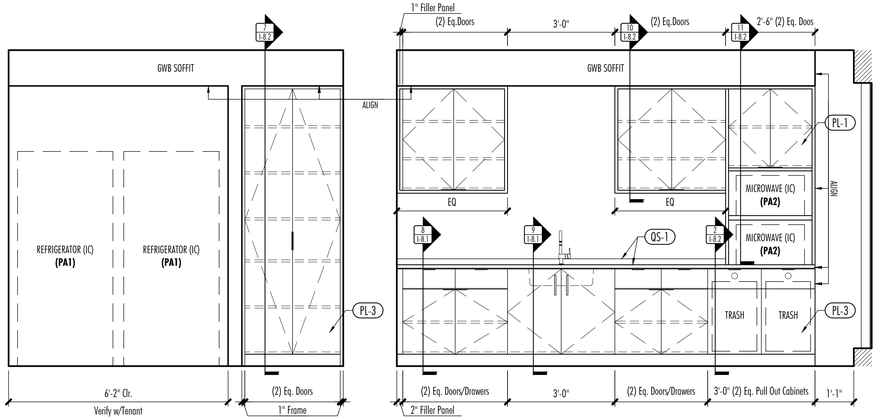

1 I-7.2 Elevation - Break Room #714
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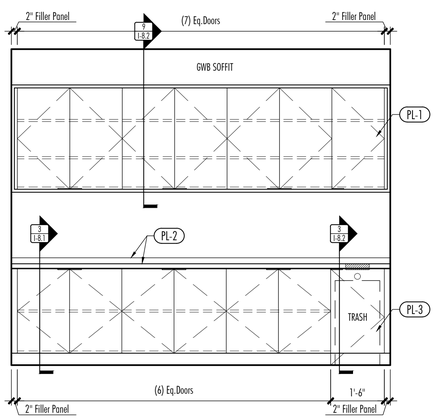

2 I-7.2 Elevation - Copy #715
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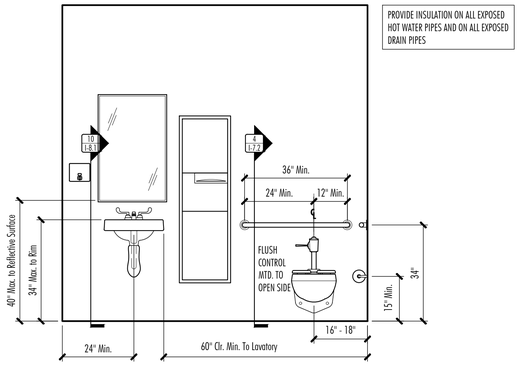

3 I-7.2 Elevation - Single Use #727
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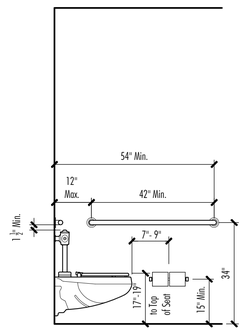

4 I-7.2 Side Elevation - Accessible Toilet
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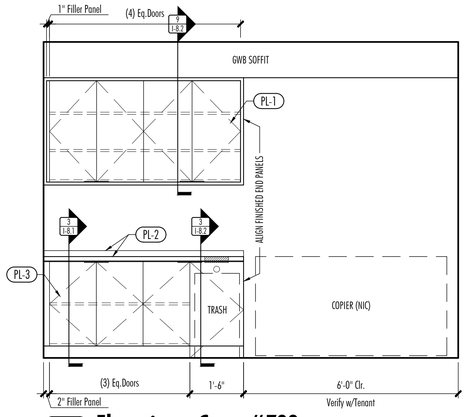

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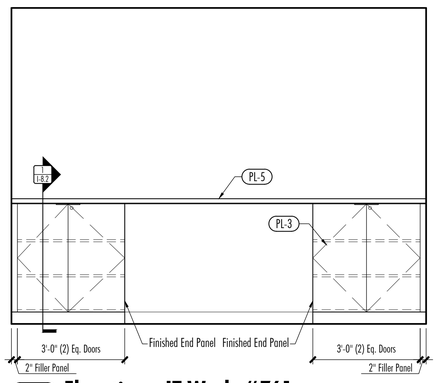

6 I-7.2 Elevation - IT Work #761
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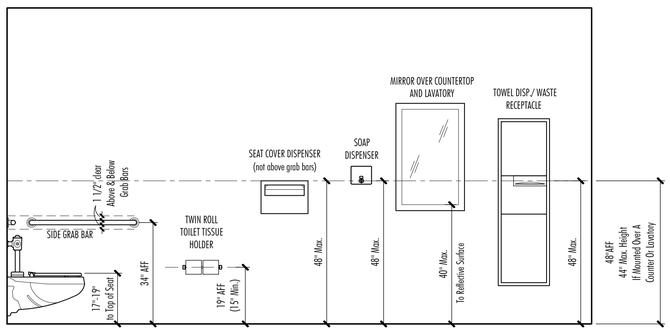

7 I-7.2 Restroom Accessory Heights
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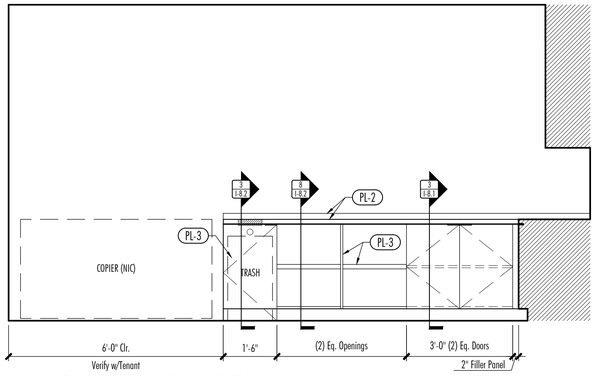

8 I-7.2 Elevation - Copy #768
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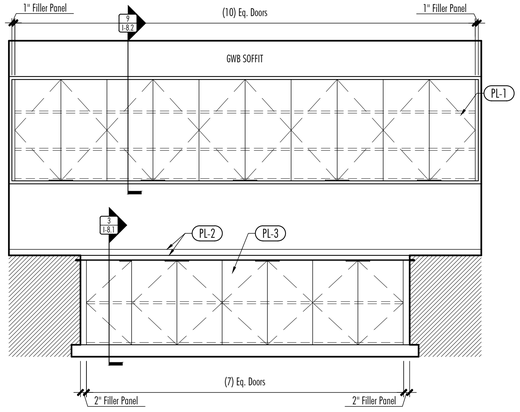

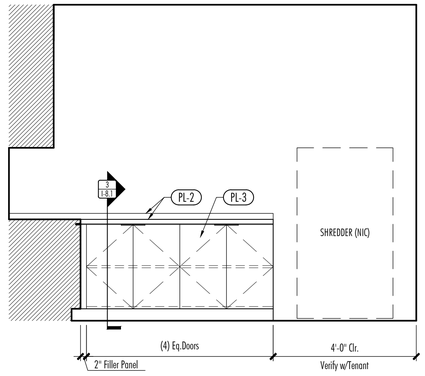

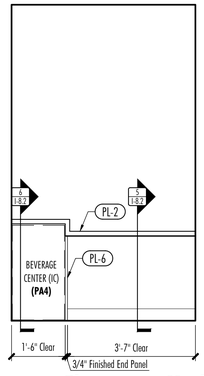

9 I-7.2 Elevation - Mother's Room #772
Scale: 1/2"=1'-0"

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Highwoods PROPERTIES

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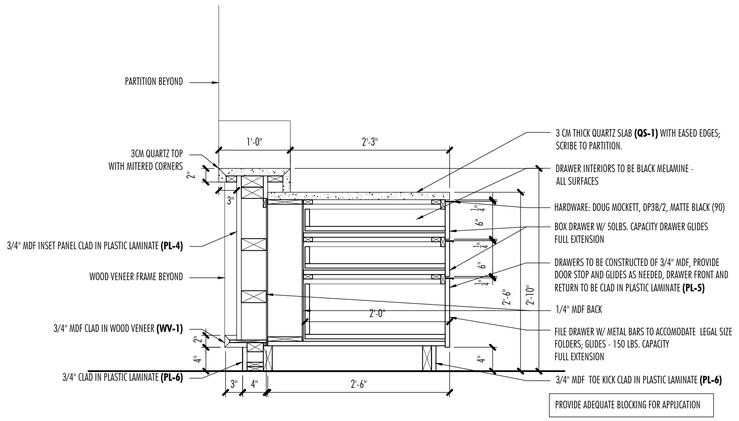
23,278 RSF

Millwork Elevations

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD07
Date	02.27.18

Released for Construction

Sheet Number
I-7.2
of **13**



1 / I-8.1 Section - Reception Desk
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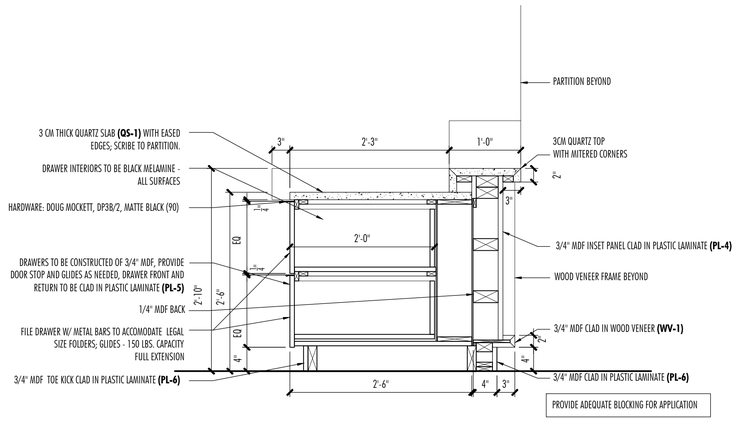
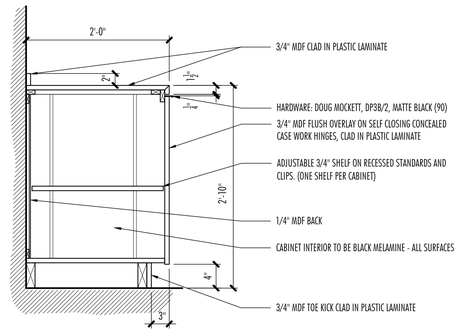
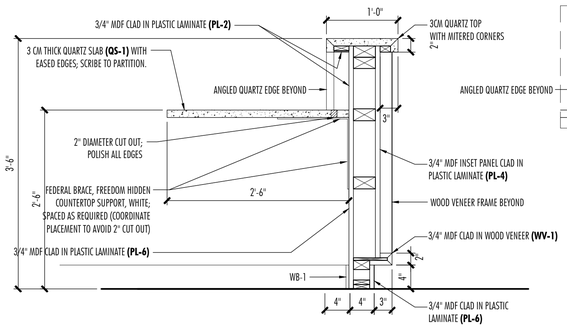


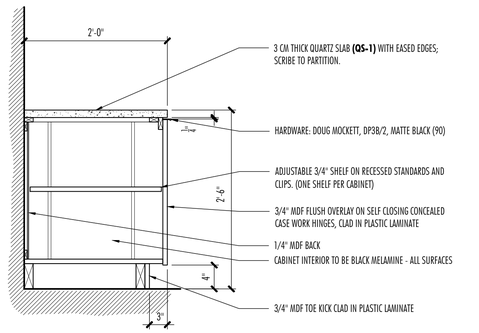
2 / I-8.1 Section - Reception Desk
Scale: 1"=1'-0"



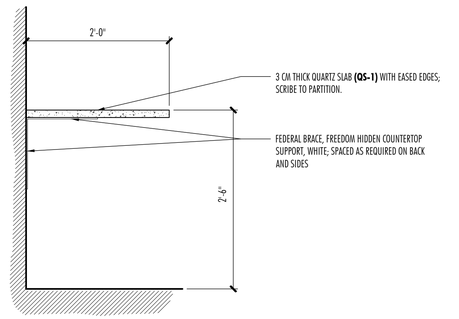
3 / I-8.1 Section - Base Cabinet
Scale: 1"=1'-0"



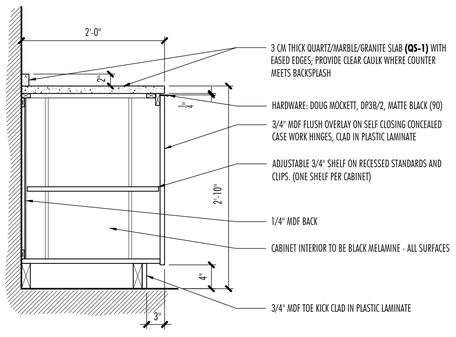
4 / I-8.1 Section - Reception Desk
Scale: 1"=1'-0"



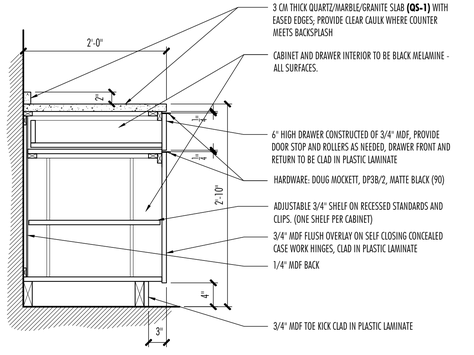
5 / I-8.1 Section - Base Cabinet
Scale: 1"=1'-0"



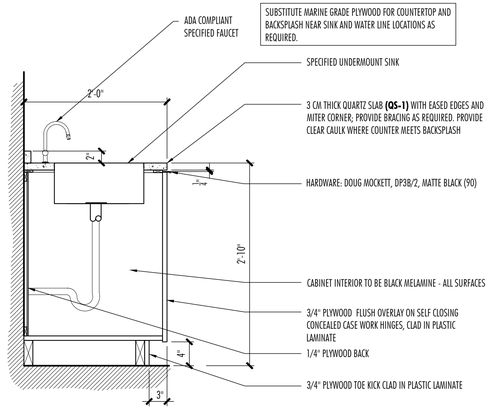
6 / I-8.1 Section - Counter @ Reception Desk
Scale: 1"=1'-0"



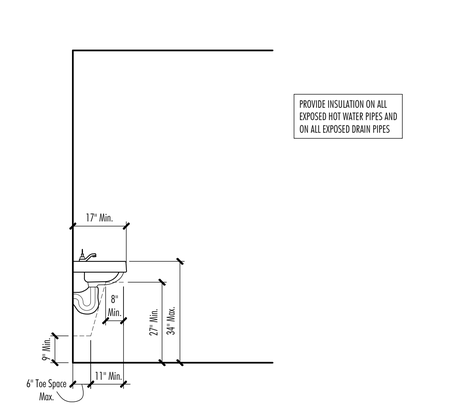
7 / I-8.1 Section - Base Cabinet
Scale: 1"=1'-0"



8 / I-8.1 Section - Base Cabinet with Drawer
Scale: 1"=1'-0"



9 / I-8.1 Section - Base Cabinet with Sink
Scale: 1"=1'-0"



10 / I-8.1 Side Elevation - Wall Mount Lavatory
Scale: 1/2"=1'-0"

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Atlanta, Georgia 30309
404.881.1811

Release History

Date	Remark
01.12.18	Issued for Tenant Review
01.26.18	Issued for MEP Engineering
02.27.18	Issued for Pricing, Permit & Construction

STATE OF GEORGIA
ROBERT D. HINKLE
CERTIFICATE NO. 11559
REGISTERED ARCHITECT

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Millwork Sections

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD08
Date	02.27.18

Released for Construction

Sheet Number

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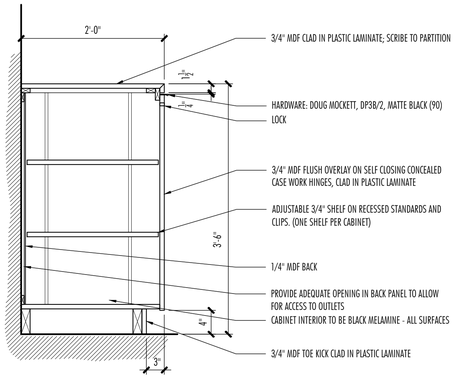
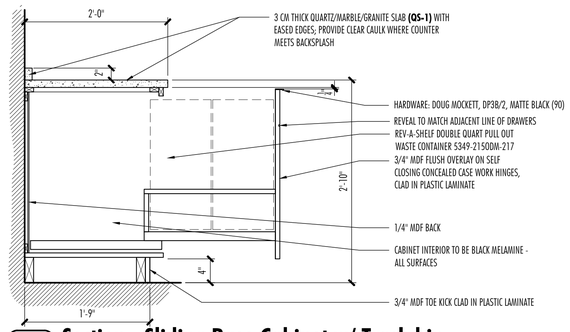
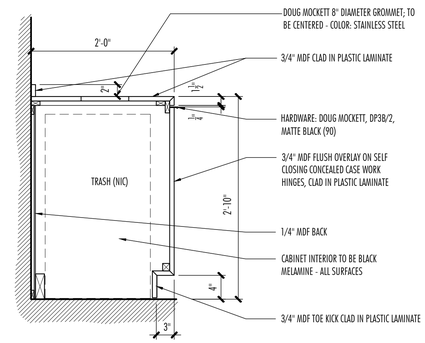


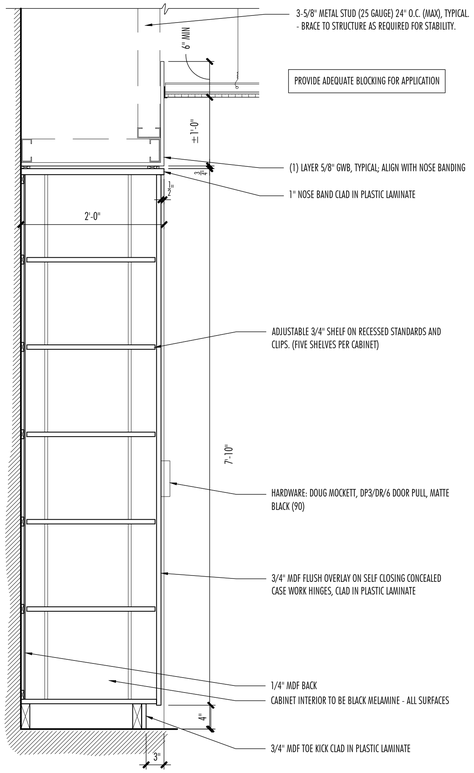
1 I-8.2 Section - Base Cabinet
Scale: 1"=1'-0"



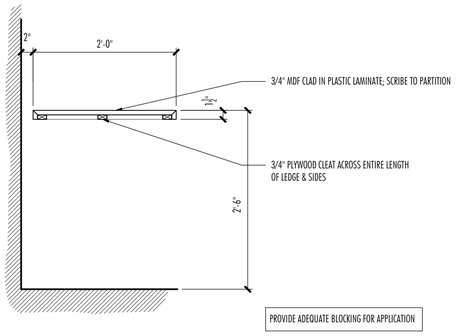
2 I-8.2 Section - Sliding Base Cabinet w/ Trash bin
Scale: 1"=1'-0"



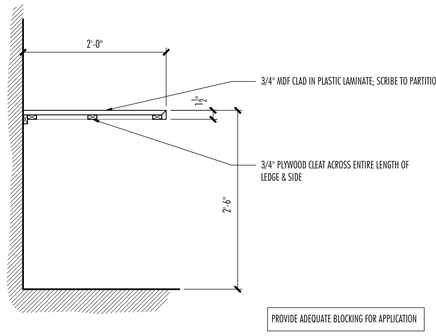
3 I-8.2 Section - Trash Cabinet
Scale: 1"=1'-0"



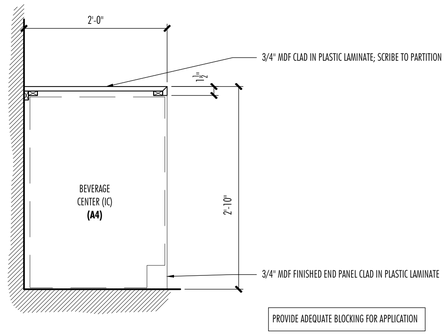
7 I-8.2 Section - Pantry
Scale: 1"=1'-0"



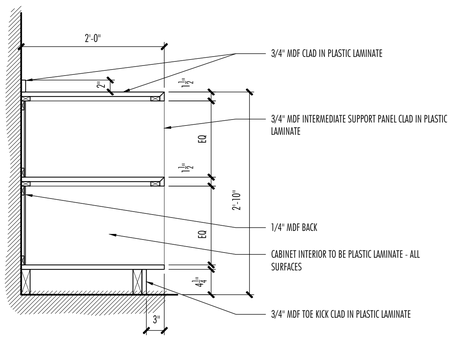
4 I-8.2 Section - Counter @ Phone Rooms
Scale: 1"=1'-0"



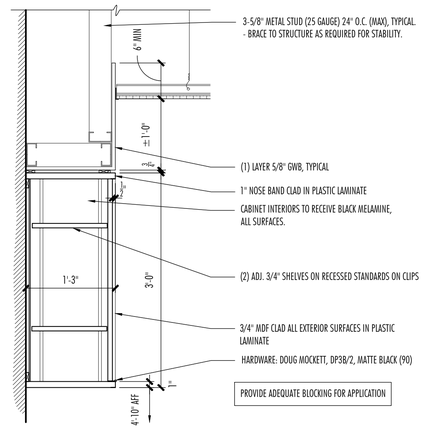
5 I-8.2 Section - Counter @ Mother's Room
Scale: 1"=1'-0"



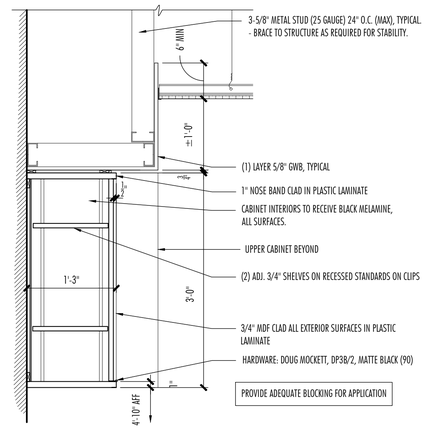
6 I-8.2 Section - Counter @ Mother's Room
Scale: 1"=1'-0"



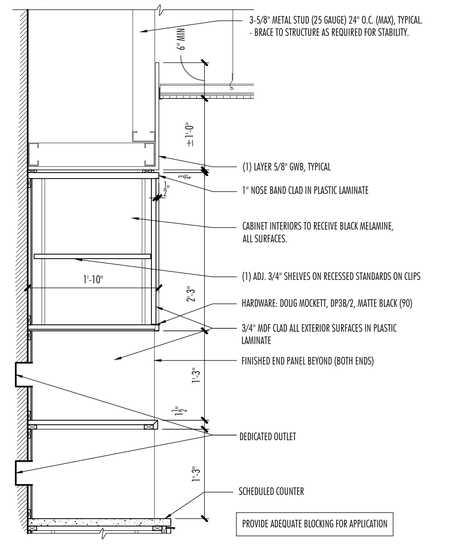
8 I-8.2 Section - Open Shelves
Scale: 1"=1'-0"



9 I-8.2 Section - Upper Cabinet w/ Soffit
Scale: 1"=1'-0"



10 I-8.2 Section - Upper Cabinet w/ Soffit
Scale: 1"=1'-0"



11 I-8.2 Section - Upper Cabinet w/ Double Microwave Shelf & Soffit
Scale: 1"=1'-0"

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STATE OF GEORGIA
ROBERT D. HINKLE
CERTIFICATE NO. 11555
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Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

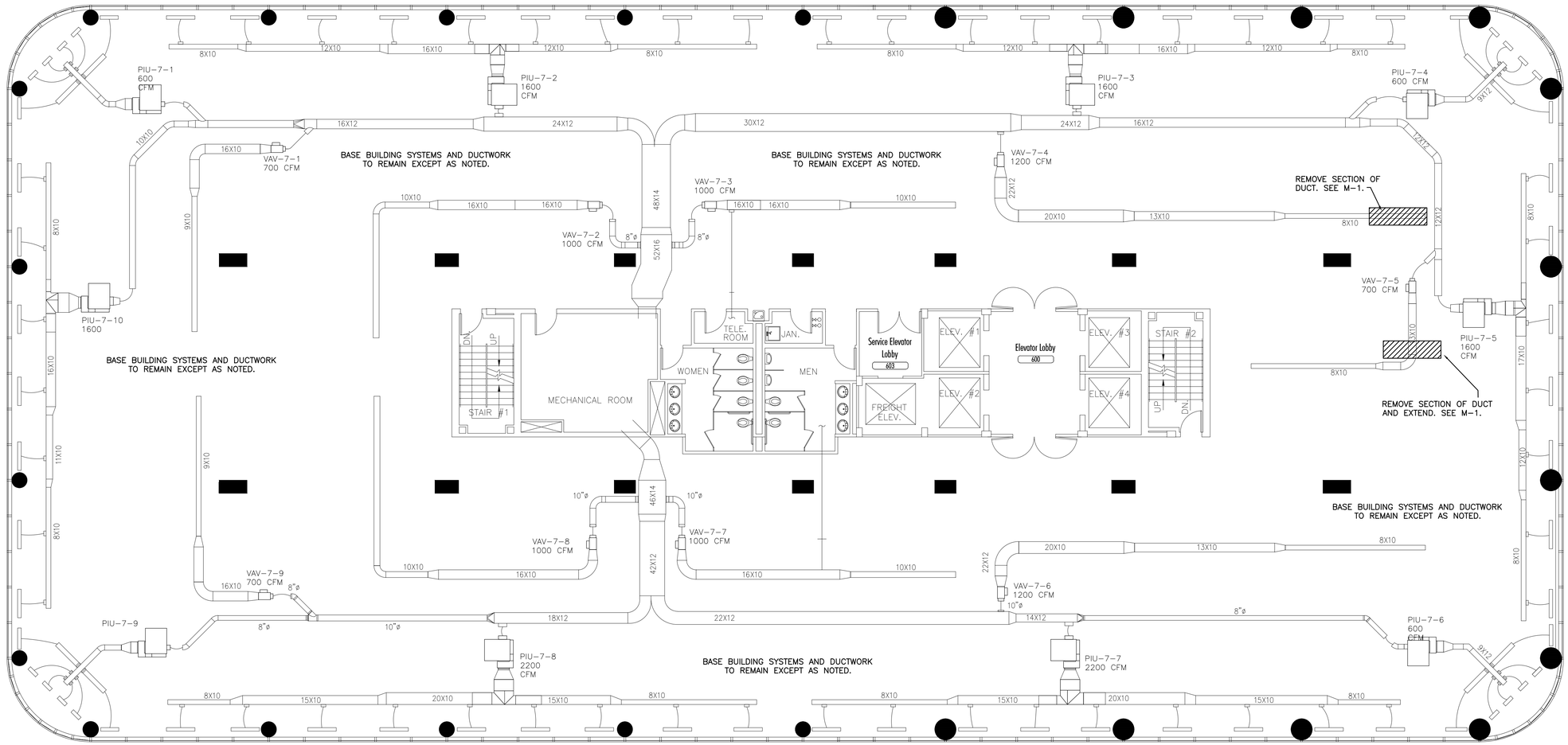
23,278 RSF

Millwork Sections

Drawn By	A. Loxley
Checked By	L. Roberts/T. Glover/R. Hinkle
Project Number	12205.1717
File ID	122051717_CD08
Date	02.27.18

Released for Construction

Sheet Number
I-8.2
of 13



S&S ENGINEERS
PROFESSIONAL CONSULTING ENGINEERS
143 CHURCH ST. NE - SUITE 240
MARIETTA, GA 30060
770/593.8842

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Release History

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02.27.18	Issued for Pricing, Permit & Construction

GEORGIA REGISTERED No: PE038561 PROFESSIONAL ENGINEER LES M. SAUNDERS JR.

02/27/18

Highwoods PROPERTIES

Council of State &
Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Mechanical HVAC Demo
Plan

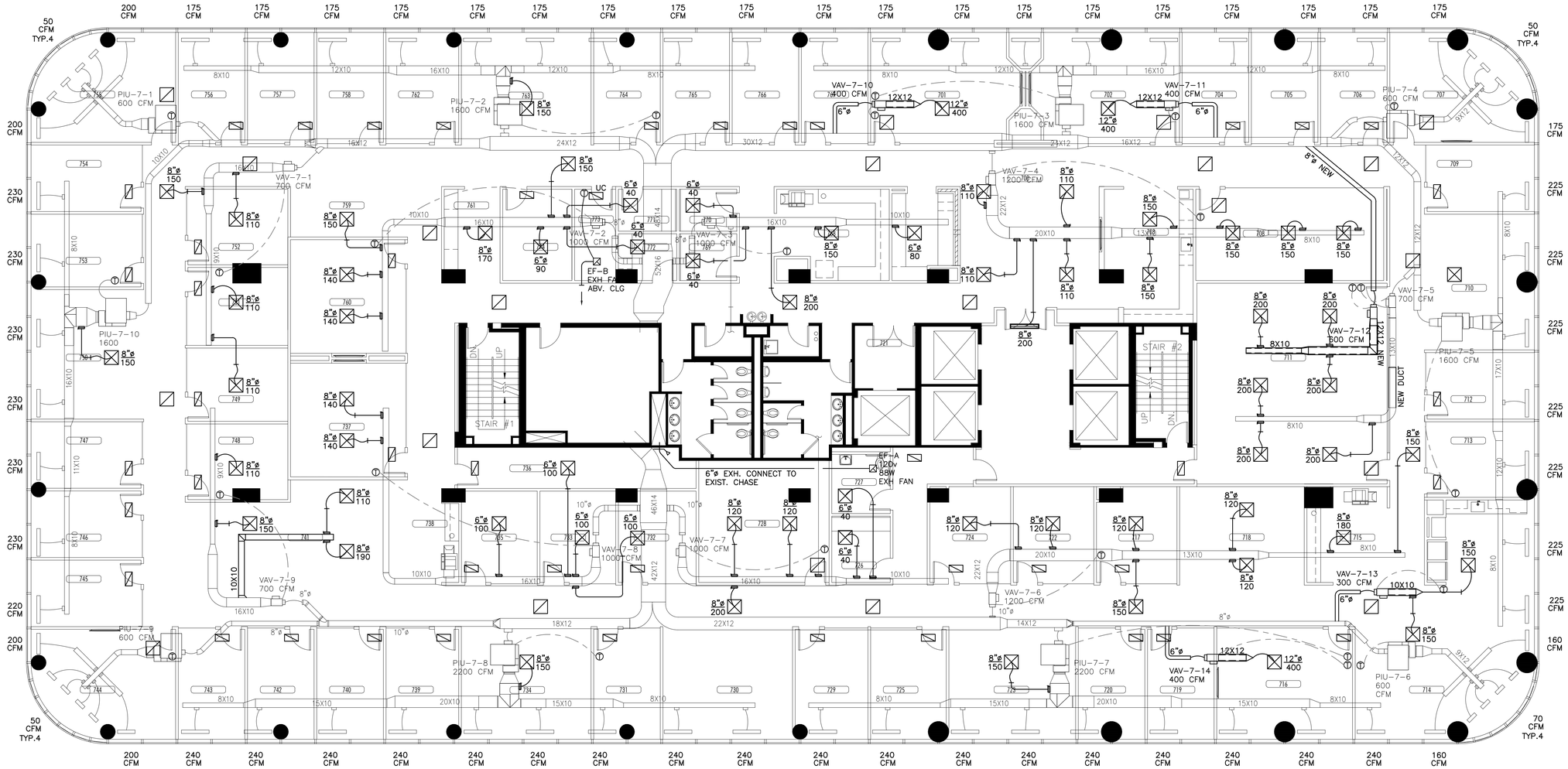
Drawn By	LS/KS
Checked By	LS
Project Number	12205.1717
File ID	
Date	02.27.18

Released for Construction

Sheet Number

MD-1

of



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Release History

Date	Remark
02.27.18	Issued for Pricing, Permit & Construction

GEORGIA REGISTERED No: PE038561 PROFESSIONAL ENGINEER LEIS M. SAUNDERS JR.

02/27/18

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Mechanical HVAC New Work Plan

Drawn By	LS/KS
Checked By	LS
Project Number	12205.1717
File ID	
Date	02.27.18

Released for Construction

Sheet Number

M-1

of

S&S ENGINEERS
PROFESSIONAL CONSULTING ENGINEERS
143 CHURCH ST. NE - SUITE 240
MARIETTA, GA 30060
770/593.8842

BASE BUILDING PIU BOX SCHEDULE

MARK	PRIMARY AIR		INLET SIZE	INLET S.P.	MAX S.P. DROP	FAN			ELECTRIC HEAT		MAKE/MODEL
	MAX.	MIN.				FAN CFM	FAN HP	VOLT/PH	KW	VOLT/PH	
PIU-7-1	600	90	8"ø	0.75"	0.33"	250	1/6	277/1	2.6	460/3	NAILOR 37NE
PIU-7-2	1600	240	14X10	0.75"	0.33"	1100	1/2	277/1	10.0	460/3	NAILOR 37NE
PIU-7-3	1600	240	14X10	0.75"	0.33"	1100	1/2	277/1	10.0	460/3	NAILOR 37NE
PIU-7-4	600	90	8"ø	0.75"	0.33"	250	1/6	277/1	2.6	460/3	NAILOR 37NE
PIU-7-5	1600	240	14X10	0.75"	0.33"	1100	1/2	277/1	5.0	460/3	NAILOR 37NE
PIU-7-6	600	90	8"ø	0.75"	0.33"	20	1/6	277/1	2.6	460/3	NAILOR 37NE
PIU-7-7	2200	330	14X10	0.75"	0.33"	1100	1/2	277/1	10.0	460/3	NAILOR 37NE
PIU-7-8	2200	330	14X10	0.75"	0.33"	1100	1/2	277/1	10.0	460/3	NAILOR 37NE
PIU-7-9	600	90	8"ø	0.75"	0.33"	250	1/6	277/1	2.6	460/3	NAILOR 37NE
PIU-7-10	1600	240	14X10	0.75"	0.33"	1100	1/2	277/1	5.0	460/3	NAILOR 37NE

NOTES:
1. PROVIDE SOUND ATTENUATION DEVICE IF REQUIRED TO KEEP N.C. UNDER 40
2. ELECTRIC HEAT OVER 5kW SHALL BE 2 OR MORE STAGES.
3. PROVIDE SCR CONTROLLER FOR FAN.
4. PROVIDE DUCT TRANSITION WHERE REQUIRED TO MATCH PRIMARY VALVE SIZE.
5. INSTALL PER MANUFACTURERS RECOMMENDATIONS FOR PROPER SERVICE AND ELECTRICAL CLEARANCES.
6. ALL PIU BOXES MUST BE LOW PROFILE

BASE BUILDING VAV BOX SCHEDULE

MARK	PRIMARY AIR		INLET DIA" ø	INLET S.P.	MAX S.P. DROP	MAKE/MODEL
	MAX.	MIN.				
VAV-7-1	700	105	8	0.75"	0.33"	NAILOR/3001
VAV-7-2	1000	150	8	0.75"	0.33"	NAILOR/3001
VAV-7-3	1000	150	8	0.75"	0.33"	NAILOR/3001
VAV-7-4	1200	180	10	0.75"	0.33"	NAILOR/3001
VAV-7-5	700	10	8	0.75"	0.33"	NAILOR/3001
VAV-7-6	1200	180	10	0.75"	0.33"	NAILOR/3001
VAV-7-7	1000	150	8	0.75"	0.33"	NAILOR/3001
VAV-7-8	1000	150	8	0.75"	0.33"	NAILOR/3001
VAV-7-9	700	105	8	0.75"	0.33"	NAILOR/3001

NOTES:
1. PROVIDE DUCT TRANSITION WHERE REQUIRED TO MATCH PRIMARY VALVE SIZE.
2. INSTALL PER MANUFACTURERS RECOMMENDATIONS FOR PROPER SERVICE AND ELECTRICAL CLEARANCES.

NEW WORK VAV BOX SCHEDULE

MARK	PRIMARY AIR		INLET DIA" ø	INLET S.P.	MAX S.P. DROP	MAKE/MODEL
	MAX.	MIN.				
VAV-7-10	400	40	6	0.75"	0.33"	NAILOR/3001
VAV-7-11	400	40	6	0.75"	0.33"	NAILOR/3001
VAV-7-12	600	60	8	0.75"	0.33"	NAILOR/3001
VAV-7-13	300	30	6	0.75"	0.33"	NAILOR/3001
VAV-7-14	400	40	6	0.75"	0.33"	NAILOR/3001

NOTES:
1. PROVIDE DUCT TRANSITION WHERE REQUIRED TO MATCH PRIMARY VALVE SIZE.
2. INSTALL PER MANUFACTURERS RECOMMENDATIONS FOR PROPER SERVICE AND ELECTRICAL CLEARANCES.

CEILING EXHAUST FAN SCHEDULE

MARK	MAKE	MODEL	CFM	POWER	ESP ("W.C)	SONES	TYPE	VOLT/PH	WEIGHT (lbs)	NOTES
EF-A	GREENHECK	SP-B110	75	80W	0.5"	2.0	CEILING	115/1	10	1
EF-B	GREENHECK	SP-B150	150	129W	0.5"	3.5	CEILING	115/1	10	2

NOTES:
1. FAN TO BE INTERLOCKED TO LIGHT SWITCH OR ON SEPARATE SWITCH ADJACENT TO LIGHT SWITCH FOR OPERATION DURING OCCUPIED HOURS
2. FAN TO BE INTERLOCKED TO INLINE COOLING ONLY THERMOSTAT

TYPICAL AIR DISTRIBUTION SCHEDULE

SYMBOL	TYPE	MAKE	MODEL	ACCESSORIES
☒	24X24 SUPPLY LAY-IN	TITUS	TMS	1
◰ ◱	24X24, 24X12 EGG CRATE RETURN	TITUS	50F	5
☒	24X24 SUPPLY SURFACE MOUNT	TITUS	TMS	1,2
◱	24X24 RETURN SURFACE MOUNT	TITUS	50F	2
═	48" SLOT DIFFUSER	TITUS	TBD-10	4,5,6
═	SLOT DIFFUSER SURFACE MOUNT	TITUS	TBD-10	2,5,6

ACCESSORIES:
1. INSULATED BACK
2. SHEETROCK FRAME
3. OPPOSABLE BLADE DAMPER
4. LAY-IN CEILING ADAPTER
5. INSULATED BOX, ROUND DUCT TRANSITION
6. 2-SLOT, 1.5" SLOT WIDTH

HVAC SPECIFICATIONS AND NOTES

1. THE CONTRACTOR SHALL PROVIDE A COMPLETE HVAC SYSTEM TO INCLUDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT FOR A COMPLETE AND FUNCTIONAL SYSTEM INCLUDING ALL NECESSARY APPURTENANCES CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED OUT.
2. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES, LAWS AND ORDINANCES.
3. INSTALL ALL EQUIPMENT AND MATERIALS PER MANUFACTURER'S RECOMMENDATIONS.
4. THE CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL DETAILS OF THE WORK AND THE EXISTING CONDITIONS AND SHALL VERIFY DIMENSIONS AND CLEARANCES AND BE ASSURED THAT THE EQUIPMENT PURCHASED WILL FIT INTO THE AVAILABLE SPACE.
5. THE CONTRACTOR SHALL REVIEW STRUCTURAL DRAWINGS BEFORE FABRICATING OR INSTALLING DUCTWORK OR EQUIPMENT TO AVOID ANY CONFLICTS. FIELD FABRICATE DUCTWORK TO JOB CONDITIONS.
6. ALL DUCTWORK SHALL BE FABRICATED OF GALVANIZED STEEL OF THICKNESS AND GAUGES TO CONFORM TO SMACNA DUCT CONSTRUCTION STANDARDS.
7. ALL LOW PRESSURE FLEXIBLE DUCT SHALL BE CONNECTED TO LOW PRESSURE DUCT WITH SPIN-IN FITTINGS AND MANUAL DAMPERS.
8. LOW PRESSURE FLEX DUCT SHALL BE A MAXIMUM OF 5 FEET LONG AND SHALL BE SIZED AS FOLLOWS:

CFM	FLEXDUCT DIAMETER
0 – 100	6"
101 – 200	8"
201 – 300	10"
301 – 500	12"

9. ALL SUPPLY DUCTWORK SHALL BE EXTERNALLY INSULATED WITH 2" THICK R-6 FIBERGLASS DUCT INSULATION WITH ALUMINUM FOIL BACKING UNLESS DUCT SHOWN AS LINED IN PLANS OR IN DETAILS. OUTDOOR DUCTWORK SHALL BE INTERNALLY INSULATED WITH 2" R-8 INTERIOR DUCT LINER. EXTERIOR OF DUCT SHALL BE COATED WITH NO LESS THAN 2 COATS OF SOLARFLEX, COOLSEAL OR APPROVED ELASTOMERIC WHITE COATING. INTERIOR LINED DUCT SHALL BE 1" THICK.
10. ALL ELBOWS SHALL BE PROVIDED WITH SINGLE WALL TURNING VANES.
11. INSTALL ALL ROOM THERMOSTATS 48" AFF.
12. BALANCE ALL AIR SYSTEMS TO PRODUCE THE VOLUMES AND QUANTITIES SHOWN ON DRAWINGS OR SPECIFIED.
13. PROVIDE AIR EXTRACTORS AS REQUIRED FOR AIR BALANCING.
14. SPIN-IN FITTINGS OR STICK ON FITTINGS WITH DAMPERS SHALL BE APPLIED TO ALL SUPPLY DUCTWORK. NO SCOOPS ARE ALLOWED IN FITTINGS.
15. THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL CHARACTERISTICS WITH ELECTRICAL DRAWINGS BEFORE PURCHASING EQUIPMENT.
16. INSTALL FIRE DAMPERS IN ALL DUCTS PASSING THROUGH FIRE RATED WALLS.
17. USE HIGHWOODS CONTROLS CONTRACTOR FOR ALL BUILDING VAV/PIU CONTROL SYSTEMS. CONTACT TRICIA SMITH AT ALC CONTROLS: TRICIA.SMITH@AUTOMATEDLOGIC.COM

HVAC LEGEND

SYMBOL	DESCRIPTION
◰ ◱	RETURN AIR GRILLE 24X12 OR 24X24
☒	SUPPLY AIR DIFUSER, 24X24
①	KEYED NOTE – SEE KEYED NOTES ON PAGE
	DUCT OR EQUIPMENT (SHOWN AS SOLID)
	DUCT LINED (LINER SHOWN AS DASHED)
	FLEX DUCT
RTU-1	HVAC EQUIPMENT DESIGNATION
	SPIN-IN WITH MANUAL VOLUME DAMPER
	MANUAL VOLUME DAMPER, MVD
	CONDENSATE PUMP
T	THERMOSTAT/SENSOR
	RECT. DUCT ELBOW WITH TURNING VANES
	FIRE DAMPER, FD
	SQUARE TO ROUND TRANSITION
UC	UNDERCUT DOOR 1"

DESIGN CONDITIONS

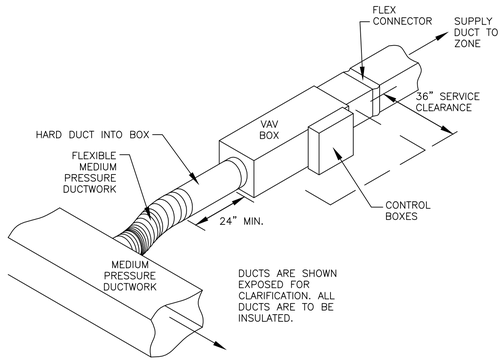
1. DESIGN BASED ON OUTSIDE AMBIENT ASHRAE CONDITIONS FOR ATLANTA, GA:
   93°F DRY BULB, 75°F WET BULB – SUMMER (ASHRAE 0.4%)
   18°F DRY BULB – WINTER (ASHRAE 99.6%)
2. INDOOR CONDITIONS ARE DESIGNED FOR:
   OFFICE – SUMMER (COOLING) – 75°F DRY BULB / 50% RELATIVE HUMIDITY
   OFFICE – WINTER (HEATING) – 68°F DRY BULB
3. CALCULATIONS BASED ON CRITERIA FOUND IN ASHRAE HANDBOOK OF FUNDAMENTALS FOR NONRESIDENTIAL HEATING AND COOLING LOAD APPLICATIONS
4. SYSTEM DESIGN IS BASED ON BUILDING AS SHOWN IN THESE CONSTRUCTION DOCUMENTS. HVAC DESIGN DOES NOT INCLUDE EXTRA CAPACITY FOR FUTURE EXPANSION.
5. HVAC DESIGN AND EQUIPMENT SELECTION IS BASED ON THE 2009 INTERNATIONAL ENERGY CODE, 2012 INTERNATIONAL MECHANICAL CODE AND 2012 INTERNATIONAL FUEL GAS CODE.

OUTDOOR AIR VENTILATION RATE CALCULATIONS

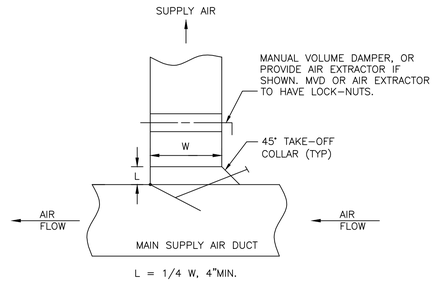
USING IMC 2012 403.3

FORMULA: $V_{bz}=R_pP_z+R_aA_z$

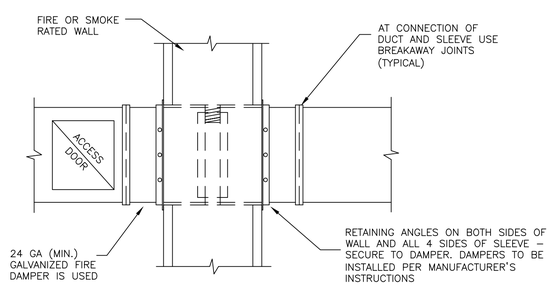
	AREA	Rp (cfm/per)	Pz	Ra (cfm/sq.ft)	Az (sq.ft.)	Vbz (CFM)
Vbz – Breathing Zone (Req'd air) in CFM	7TH FLOOR	5	163	0.06	23,278	2212
Rp – Outdoor Airflow Rate Per Person						
Pz – Zone Population	NOTE: OUTDOOR AIR INTAKE TO BE BALANCED IN MECHANICAL ROOM THROUGH MOTORIZED DAMPER OPENING.					
Ra – Outdoor Airflow Rate Per Unit Area						
Az – Zone Floor Area (sq.ft.)						



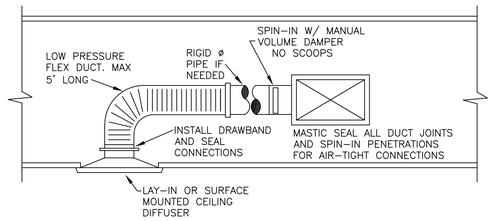
VARIABLE AIR VOLUME UNIT DETAIL
NOT TO SCALE



BRANCH DUCT 45° TAKE-OFF DETAIL
NOT TO SCALE



FIRE DAMPER AND SLEEVE DETAIL
NOT TO SCALE



TYPICAL SIDE SPIN-IN CONNECTION
NOT TO SCALE

S&S ENGINEERS
PROFESSIONAL CONSULTING ENGINEERING
145 CHURCH ST. NE - SUITE 340
MARIETTA, GA 30060
7707551893

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Atlanta, Georgia 30309
404.881.1811

Release History

Date	Remark
02.27.18	Issued for Pricing, Permit & Construction

GEORGIA REGISTERED No: PE038561 PROFESSIONAL ENGINEER LEIS M. SAUNDERS JR.
02/27/18

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Mechanical HVAC Schedules, Details & Notes

Drawn By	LS/KS
Checked By	LS
Project Number	12205.1717
File ID	
Date	02.27.18

Released for Construction

Sheet Number

M-2

of

EXISTING PANEL L7

VOLTAGE: 208Y/120V | AMPS: 200 MLO | MOUNTING: SURFACE
3 PHASE, 4 WIRE | TOTAL LOAD: 50.0 KVA

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	KITCH	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	KITCH	A/C	MTR	RCPT	LTG	SERVES	No.
1	OUTLETS		1.08					20	1	2.16			1	20					1.08		OUTLETS	2
3	OUTLETS		1.08					20	1		2.16		1	20					1.08		OUTLETS	4
5	OUTLETS		1.26					20	1			2.76	1	20					1.50		OUTLETS	6
7	OUTLETS		1.08					20	1	2.58			1	20					1.50		OUTLETS	8
9	OUTLETS		1.50					20	1		2.22		1	20					0.72		OUTLETS	10
11	OUTLETS		1.50					20	1			3.12	1	20					1.62		OUTLETS	12
13	OUTLETS		1.50					20	1	2.58			1	20					1.08		OUTLETS	14
15	OUTLETS		0.72					20	1		2.16		1	20					1.44		OUTLETS	16
17	OUTLETS		1.08					20	1			2.16	1	20					1.08		OUTLETS	18
19	OUTLETS		0.72					20	1	1.62			1	20					0.90		OUTLETS	20
21	OUTLETS		0.90					20	1		1.98		1	20					1.08		OUTLETS	22
23	OUTLETS		0.72					20	1			1.98	1	20					1.26		OUTLETS	24
25	OUTLETS		0.54					20	1	1.08			1	20					0.54		OUTLETS	26
27	OUTLETS		0.72					20	1		3.22		1	30					2.50		IT OUTLET	28
29	OUTLETS		1.50					20	1			3.00	1	20					1.50		OUTLETS	30
31	OUTLETS		0.54					20	1	1.26			1	20					0.72		OUTLETS	32
33	OUTLETS		1.50					20	1		2.58		1	20					1.08		OUTLETS	34
35	OUTLETS		1.50					20	1			3.00	1	20					1.50		OUTLETS	36
37	OUTLETS		1.50					20	1	3.00			1	20					1.50		OUTLETS	38
39	OUTLETS		1.50					20	1		3.00		1	20					1.50		OUTLETS	40
41	OUTLETS		1.44					20	1			2.34	1	20					0.90		OUTLETS	42
										14.28	17.32	18.36			0.00	0.00	0.00	0.00	49.96	0.00	CONNECTED KVA 49.96	

EXISTING PANEL L7

VOLTAGE: 208Y/120V | AMPS: 200 MLO | MOUNTING: SURFACE
3 PHASE, 4 WIRE | TOTAL LOAD: 31.8 KVA

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	KITCH	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	KITCH	A/C	MTR	RCPT	LTG	SERVES	No.
43	OUTLETS		1.50					20	1	2.76			1	20					1.26		OUTLETS	44
45	OUTLETS		0.54					20	1		1.44		1	20					0.90		OUTLETS	46
47	OUTLETS		1.08					20	1			2.58	1	20					1.50		OUTLETS	48
49	OUTLETS		0.90					20	1	1.80			1	20					0.90		OUTLETS	50
51	FURNITURE		1.50					20	1		3.00		1	20					1.50		FURNITURE	52
53	FURNITURE		1.50					20	1			3.00	1	20					1.50		FURNITURE	54
55	FURNITURE		1.50					20	1	3.00			1	20					1.50		FURNITURE	56
57	FURNITURE		0.75					20	1		1.75		1	20					1.00		FURNITURE	58
59	FURNITURE		1.50					20	1			2.50	1	20					1.00		FURNITURE	60
61	OUTLETS		0.36					20	1	1.36			1	20					1.00		OUTLETS	62
63	OUTLETS		0.72					20	1		1.62		1	20					0.90		OUTLETS	64
65	OUTLETS		1.50					20	1			3.00	1	20					1.50		IT OUTLET	66
67	IT OUTLET		2.50					30	1	4.00			1	20					1.50		IT OUTLET	68
69	SPARE							20	1		0.00		1	20							SPARE	70
71	SPARE							20	1			0.00	1	20							SPARE	72
73	SPARE							20	1	0.00			1	20							SPARE	74
75	SPARE							20	1		0.00		1	20							SPARE	76
77	SPARE							20	1			0.00	1	20							SPARE	78
79	SPARE							20	1	0.00			1	20							SPARE	80
81	SPARE							20	1		0.00		1	20							SPARE	82
83	SPARE							20	1			0.00	1	20							SPARE	84
										12.92	7.81	11.08			0.00	0.00	0.00	0.00	31.81	0.00	CONNECTED KVA 31.81	

COMcheck Software Version 4.0.6.1

Interior Lighting Compliance Certificate

Project Information

Energy Code: 90.1 (2007) Standard
Project Title: Council of State & Territorial Epidemiologists
Project Type: Alteration

Construction Site:
2635 Century Center
Suite 700
Atlanta, GA 30345

Owner/Agent:
Highwoods Properties
2635 Century Center
Atlanta, GA 30345

Designer/Contractor:
Womack & Associates
2300 Lake Park Drive
Suite 250
Smyrna, GA 30080

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Common Space Types:Office - Enclosed	23278	1.10	25606
		Total Allowed Watts =	25606

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Common Space Types:Office - Enclosed (23278 sq.ft.)				
LED 1: 2x4; LED Other Fixture Unit 46W;	1	209	46	9614
LED 2: Downlight; LED Other Fixture Unit 16W;	1	26	20	520
			Total Proposed Watts =	10134

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 90.1 (2007) Standard requirements in COMcheck Version 4.0.6.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

RICHARD TOUCH, PE — Richard R. Touch — 2/9/2018
Name - Title | Signature | Date

Project Title: Council of State & Territorial Epidemiologists
Data filename: Untitled.cck
Report date: 02/09/18
Page 1 of 5

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Suite 1700
Atlanta, Georgia 30309
404.881.1811

Release History

Date	Remark
02.27.18	Issued for Pricing, Permit & Construction

GEORGIA REGISTERED No. 23610 PROFESSIONAL ENGINEER RICHARD R. TOUCH
Richard R. Touch
2/27/18

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Schedules & Compliance Form

Drawn By: RRT
Checked By:
Project Number: 12205.1717
File ID:
Date: 02.27.18

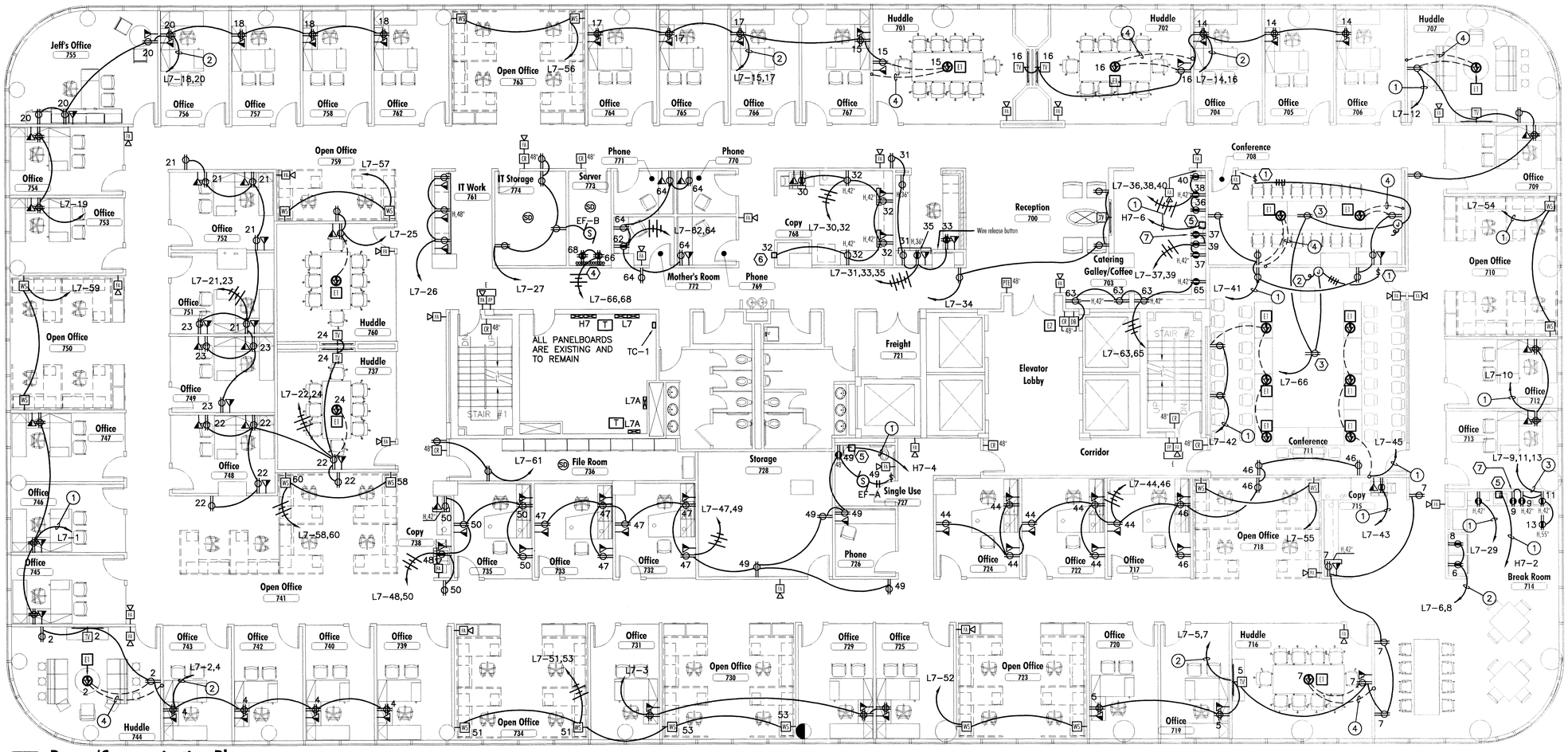
Released for Construction

Sheet Number
E-1
of

W&A PROJECT NUMBER - 18011

WOMACK & ASSOCIATES CONSULTING ENGINEERS
2300 Lake Park Dr, Suite 250
Smyrna, Georgia 30080
Voice 770-458-3005 Fax 770-458-8388

PLOT SCALE: 1 = 1



1 Power/Communication Plan

E-2 Scale: 1/8" = 1'-0"

Power/Communication Plan Key Notes

General Notes: Refer to Sheet I-1.3 for additional General Notes.

Fire Alarms: Provide and install new building standard wall mounted fire alarms (audio/visual) mounted at 80" AFF as indicated and as required by code. Final quantity and location to be determined by licensed contractor and code official to meet all sound and visual requirements/code. ***See Reflected Ceiling Plan 1/I-4 for ceiling mounted device locations.***

Workstation Feed (Wall Mounted): Provide one (1) pair of wall mounted junction boxes where indicated to accommodate Tenant's workstations **(NIC)**. One (1) J-box to accommodate electrical whip; one (1) J-box to accommodate telephone/data connections; electrical contractor to make final connection. **Verify location and electrical requirements with Tenant and Tenant's furniture vendor.**

Cable Feed: Provide one (1) recessed outlet with one (1) duplex, one (1) data outlet and one (1) junction box for cable feed to TV **(NIC)** as indicated. **Coordinate exact location and mounting height with Tenant and Tenant's AV vendor, taking mounting bracket into consideration prior to installation. *See Symbol Legend.***

Card Reader: Provide and install junction box where indicated for Tenant's card key access **(NIC)**; coordinate with Tenant's security vendor for size of J-box. Electrical contractor to provide power to electric strike/maglock.

Plywood Telephone Backboard: Provide and install 4'-0" wide x 8'-0" high x 3/4" thick FRT plywood telephone backboard @ Server #773. Mount flush to ceiling; paint two (2) coats to match partition on which it occurs.

E1 - Provide and install flush floor mounted outlet for electrical and voice/data connections **(one [1]** duplex outlet and **one [1]** voice/data outlet) @ Huddle #701, Huddle #702, Huddle #707, Conference #708, Conference #711, Huddle #716, Huddle #737, Huddle #744 and Huddle #760. Coordinate with Property Manager and Building Engineer for floor X-ray at slab and possible floor core location prior to drilling. **Coordinate exact location in field with Tenant's furniture vendor prior to installation.**

E2 - Provide and install junction box for Tenant's provided door bell with intercom **(NIC)** where indicated; install @ 48" AFF. Provide wire release button and intercom to reception desk. Verify wire release button location with Tenant. Electrical contractor to provide power to maglock **(NIC)**. Tie fail secure maglock into building's fire alarm system. **Coordinate with Tenant for exact location of chime.**

Power/Communication Plan Key Notes

1. Motorized Screen Switch - provided by motorized screen vendor, installed by electrical contractor.
2. Connect to motorized screen controller as required.
3. Mount outlet above the ceiling for projector.
4. Provide 2" conduit with pullwire from telephone backboard to house telephone cabinet.
5. Connect to water heater's disconnect switch located under the cabinet. Run homerun to existing panel H7. Provide and install a 30A, 1 pole compatible circuit breaker and terminate the water heater's circuit under this breaker. Note addition to panel schedule.
6. Connect to add alternate bottle filling station if item is provided.
7. Mount outlet adjacent to the Leak Detection device. Coordinate with plumbing the exact location of the Leak Detection equipment.

Wiring Schedule

1. 2#10 + 1#10G IN 1/2" C.
2. 4#10 + 1#10G IN 3/4" C.
3. 6#10 + 1#10G IN 3/4" C.
4. 3/4" EMPTY C.

Symbol Legend

- 20AMP 125V. STRAIGHT BLADE 3 WIRE GROUNDING DUPLEX OUTLET. NUMBER INDICATES CIRCUIT.
- **Power Receptacle -** Duplex - Same as above - Dedicated
- **Power Receptacle -** Duplex - Same as above - GFCI
- **Power Receptacle -** Quadruplex - double duplex
- **Power Receptacle -** Quadruplex - Dedicated
- **Communications -** Combination Telephone/Data with 3/4" conduit to above ceiling
- **Communications -** Telephone Wiring Panel
- CR **Card Reader -** single gang box with 1/2" conduit to above the ceiling
- DB **Door Bell -** single gang box with 1/2" conduit to above the ceiling
- PTE **Push to Exit Button -** single gang box with 1/2" conduit to above the ceiling
- TV **Clock Box -** Duplex/AV/Data with 3/4" empty conduit to above the ceiling - Device shall be Leviton 5361-CH or equal
- WS **Workstation Feed -** Pair of Wall Mounted Double Gang Junction Boxes - One box for data with 1" conduit to above the ceiling, one box for power
- **Floor Core -** Duplex/Tele/Data - Provide and install Legrand/Wiremold Evolution series 6" poke thru device, Catalog #6ATC2PBS. Run power and data conduits on the ceiling of the floor below, then transition into wall and turn up to above the ceiling.

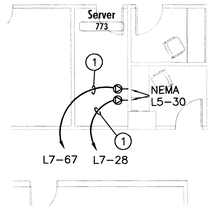
Symbol Legend

- FA FIRE ALARM HORN/STROBE DEVICE, MOUNT DEVICE A MINIMUM OF 80" A.F.F. TO BOTTOM OF DEVICE AND 96" A.F.F. TO TOP OF DEVICE.
- FP **Fire Safety -** Fire Pull Station - Mount 48" AFF
- E1 **Key -** Note
- SD SMOKE DETECTOR.

Modifiers
E - Existing
H - Horizontal

- CONCEALED CONDUIT. SEE NOTE BELOW
- EXPOSED CONDUIT. SEE NOTE BELOW
- UNDERGROUND OR UNDERFLOOR CONDUIT. SEE NOTE BELOW.
- FLEX CONDUIT, SIZE AND CONDUCTORS SAME AS HOMERUN.
- J-BOX WITH BLANK COVER, UNLESS OTHERWISE NOTED.
- PANELBOARD.
- T TRANSFORMER.

NOTE: SHORT HASH MARKS INDICATE NUMBER OF #12 CU. HOT CONDUCTORS, LONG HASH MARKS INDICATE #12 CU. NEUTRAL CONDUCTOR, RESPECTIVELY. GROUND CONDUCTOR NOT SHOWN. NO HASH MARKS INDICATE 3#12 CU. CONDUCTORS (A HOT, NEUTRAL AND GROUND), UNLESS OTHERWISE NOTED. 1/2" CONDUIT MINIMUM.



2 Partial Plan - Server

E-2 Scale: 1/8" = 1'-0"

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1170 Peachtree St. N.E.
Suite 1700
Atlanta, Georgia 30309
404.881.1811

Release History

Date	Remark
02.27.18	Issued for Pricing, Permit & Construction

GEORGIA REGISTERED No. 23610 PROFESSIONAL ENGINEER RICHARD R. TOUCH

2/27/18

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Power/Communication Plan

Drawn By	RRT
Checked By	
Project Number	12205.1717
File ID	
Date	02.27.18

Released for Construction

Sheet Number

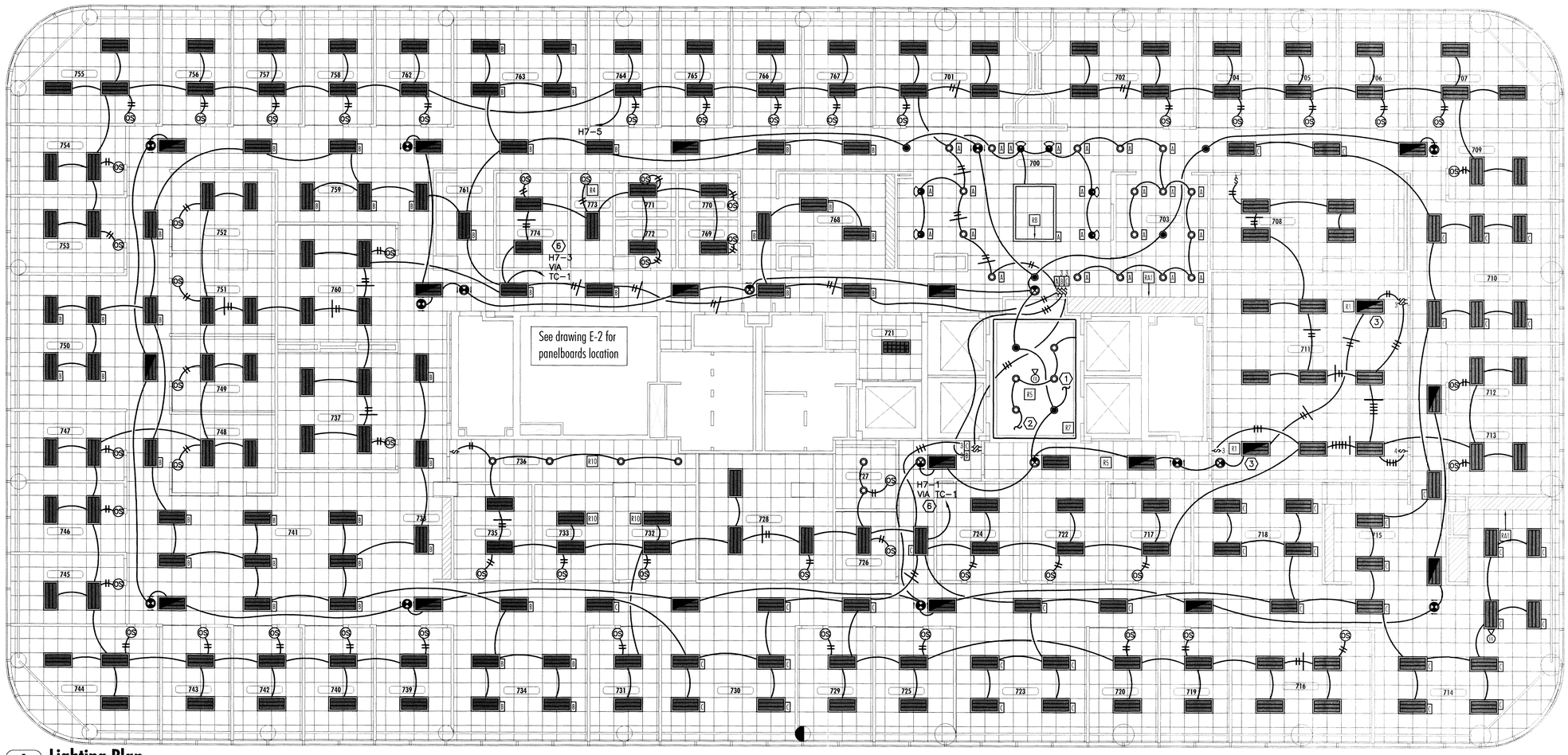
E-2

of

W&A PROJECT NUMBER - 18011

WOMACK & ASSOCIATES CONSULTING ENGINEERS
2300 Lake Park Dr, Suite 250
Smyrna, Georgia 30080
Voice 770-458-3005 Fax 770-458-8388

PLOT SCALE: 1 = 1



1 Lighting Plan
E-3 Scale: 1/8" = 1'-0"

Reflected Ceiling Plan Key Notes

General Notes: Refer to Sheet I-1.2 for all General Notes.

Fixtures: All light fixtures, switches and exit signs are **New**, unless otherwise noted. Verify that all existing and relocated fixtures are in proper working condition; repair and/or replace as necessary.

Exit Signs: Provide and install new building standard LED edge lit exit signs throughout where shown on plan.

Occupancy Sensors: Provide new occupancy sensors throughout area of construction as required by code.

R1 - Connect emergency fixture on a relay so that emergency capabilities are only activated in the event of a power outage where indicated; tie into building's emergency circuit.

R4 - Provide and install new thermostatically controlled exhaust fan where indicated @ Server Room #773. Confirm all specifications associated with exhaust fan with mechanical engineer.

R5 - Tie all new/relocated light fixtures at Elevator Lobby & Common Corridor to existing building circuit.

R7 - Provide and install new cove light @ Elevator Lobby to match construction on 10th floor. ***See Detail 3/I-4.***
Specification: Moda Light- Mini cove Moda Mini SO S1 S 0-10V 35K HCRI 1FT

R8 - Provide and install recessed linear pendant in racetrack configuration @ Reception #700 where indicated.
Specification: LumenWerx, Via 4 Patterns; Model No. VIA4RPAT - HLO - LED - 80 - 500 - 35 - LENGTH - LEV - 90 - UNV - D1 - 1 - TG15 - NA - W; Contact Ross Bogue w/ Lighting Associates @ 470.481.1916

R10 - Coordinate location of fixtures @ Office #732, Office #733 and File #736 with mechanical equipment above ceiling. ***Refer to Engineering Drawings.***

Electrical Key Notes

1. Connect to existing emergency generator lighting circuit available in junction box above the ceiling.
2. Connect to existing house lighting circuit available in junction box above the ceiling.
3. Provide and install Philips Bodine GTD Emergency Lighting Control device in this fixture.
4. Connect to outlet circuit (L7-63). See drawing E-2 for outlet circuit.
5. Connect to outlet circuit (L7-7) in the corridor. See drawing E-2 for outlet circuit.
6. Run homerun to existing panel H7 in the electrical room on this floor. Terminate circuit under a spare 20A, 1 pole circuit breaker. Note addition to panel schedule. See drawing E-2 for panel location.

Price as Alternate Key Notes

RA1 - Provide and install under cabinet lighting at upper cabinets @ Catering Galley/Coffee #703 and Break Room #714. Provide associated integral toggle switch. Refer to architectural details and elevations for exact location of the the under cabinet lighting.
Specification: Bruck Lighting, Wunderca5; Part No. 138540 - 24 - 35K - 95 - 120V - WH; Contact Ross Bogue w/ Lighting Associates @ 470.481.1916

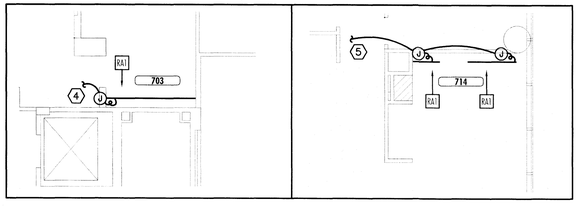
Symbol Legend

- **Light Fixture -** Existing 2'x4' Fluorescent Parabolic
- **Light Fixture -** 2'x4' LED Direct/Indirect
  Specification: CREE; ZR24 LED Troffer; 90 CRI, 3500K Color Temperature
  SMALL LETTER INDICATES SWITCHING
- **Light Fixture -** 2'x4' LED Direct/Indirect (Emergency Circuit)
  Specification: CREE; ZR24 LED Troffer; 90 CRI, 3500K Color Temperature
- **Light Fixture -** LED Adjustable Down Light
  Specification: CREE KR6, 850 Lumens, 3500K, Wall Wash Option
- **Light Fixture -** LED Down Light
  Specification: CREE KR6, 850 Lumens, 3500K
- **Light Fixture -** LED Down Light (Emergency Circuit)
  Specification: CREE KR6, 850 Lumens, 3500K
- **Light Fixture -** Exit Sign (Emergency Circuit)
  Specification: Mercury MER-RELXTE; Recessed Mount, Clear Face, Aluminum Housing, Green Letters
- **Fire Safety -** Ceiling Mounted Fire Alarm Horn/Strobe
- 20AMP 120/277V TOGGLE TYPE A.C. SWITCH. LETTER INDICATES SWITCHING. 3 - 3 WAY, 4 - 4 WAY.
- OCCUPANCY SENSOR, WALL MOUNTED, 48" AFF, CATALOG #SYNERGY LIRO H
- **Key -** Note
- CONCEALED CONDUIT. SEE NOTE BELOW

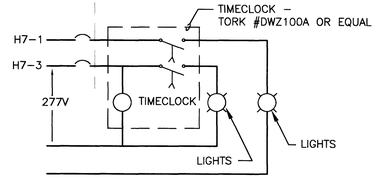
Symbol Legend

NOTE: SHORT HASH MARKS INDICATE NUMBER OF #12 CU. HOT CONDUCTORS, LONG HASH MARKS INDICATE #12 CU. NEUTRAL CONDUCTOR, RESPECTIVELY. GROUND CONDUCTOR NOT SHOWN. NO HASH MARKS INDICATE 3-#12 CU. CONDUCTORS (A HOT, NEUTRAL AND GROUND), UNLESS OTHERWISE NOTED. 1/2" CONDUIT MINIMUM.

Modifiers
E - Existing
3 - 3 way switching
4 - 4 way switching
A - Circuit Indicator Key



2 Under Cabinet Lights
E-3 Scale: 1/8" = 1'-0"



3 TC-1 Wiring Schematic
E-3 Scale: 1/8" = 1'-0"

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1170 Peachtree St. N.E.
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404.881.1811

Release History

Date	Remark
02.27.18	Issued for Pricing, Permit & Construction

GEORGIA REGISTERED No. 23810 PROFESSIONAL ENGINEER RICHARD A. TOUCH
2/27/18

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

Lighting Plan & Details

Drawn By	RRT
Checked By	
Project Number	12205.1717
File ID	
Date	02.27.18

Released for Construction

Sheet Number

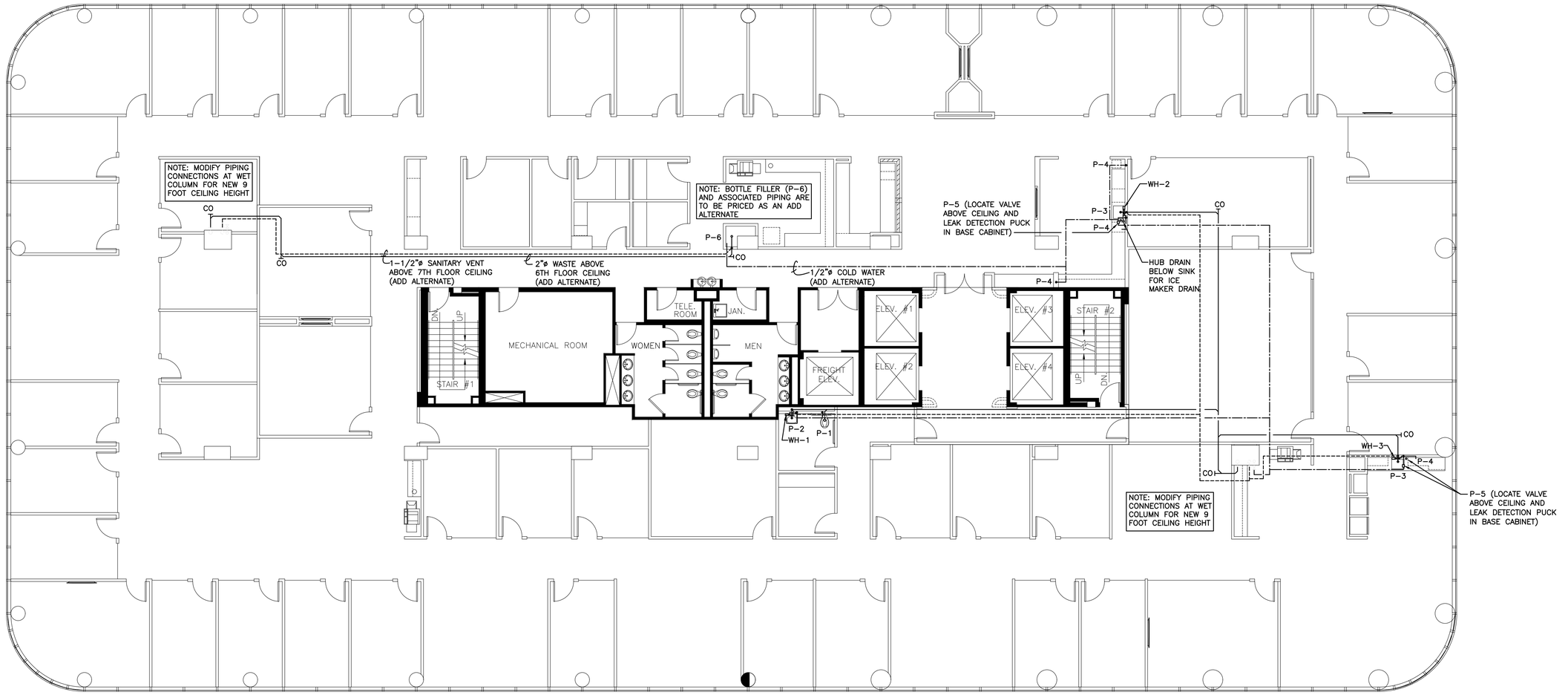
E-3

of

W&A PROJECT NUMBER - 18011

WOMACK & ASSOCIATES CONSULTING ENGINEERS
2300 Lake Park Dr, Suite 250
Smyrna, Georgia 30080
Voice 770-458-3005 Fax 770-458-8388

PLOT SCALE: 1 = 1



7TH FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"

S&S ENGINEERS
PROFESSIONAL CONSULTING ENGINEERS
145 CHURCH ST. NE - SUITE 230
MARIETTA, GA. 30060
770.955.8842

NELSON
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a licensed affiliate

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404.881.1811

Release History

Date	Remark
02.27.18	Issued for Pricing, Permit & Construction

GEORGIA REGISTERED No: PE038561 PROFESSIONAL ENGINEER LES M. SAUNDERS JR.
02/27/18

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

PLUMBING PLAN

Drawn By	LS/KS
Checked By	LS
Project Number	12205.1717
File ID	
Date	02.27.18

Released for Construction

Sheet Number

P-1

of 2

PLUMBING FIXTURE SCHEDULE ①

NAME	ITEM	MANUFACTURER & MODEL NUMBER	FITTINGS	REMARKS
P–1	WATER CLOSET, ADA	AMERICAN STANDARD MADERA 3043.511	AMERICAN STANDARD SELECTRONIC FLUSH VALVE	SEAT: OPEN FRONT, LESS COVER
P–2	LAVATORY	KOHLER PENDIR K–2035–1	FAUCET: TECHNICAL CONCEPTS MILANO, POLISHED CHROME	WALL MOUNT SINK W/PORCELAIN SHROUD
P–3	SINGLE SINK	KOHLER VAULT K–3894–4	FAUCET: MOEN 7864BL	–
P–4	ICE/COFFER MAKER SUPPLY	GUY GRAY MFG. BIM875	WITH SHUT–OFF VALVE	–
P–5	LEAK DETECTION	FLOODMASTER RS–80	–	SEE NOTE ②
P–6	BOTTLE FILLER	ELKAY LZWSDK EZH20	–	PRICE FIXTURE AND PIPING AS ADD ALTERNATE

① PLUMBING FIXTURES WERE SELECTED BY THE ARCHITECT AND ARE SHOWN HERE FOR REFERENCE ONLY. VERIFY FIXTURE SELECTION WITH DRAWINGS I–3.1 AND I–6 BEFORE PURCHASING FIXTURES.

② COORDINATE WITH PROPERTY MANAGER AND CONTROLS CONTRACTOR TO DETERMINE ALARM SEQUENCING.

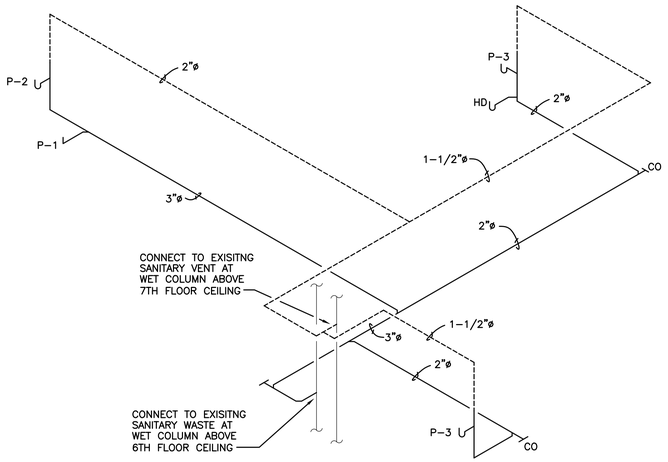
WATER HEATER SCHEDULE

NAME	MANUFACTURER & MODEL NO.	CAPACITY	ELEMENT
WH–1	CHRONOMITE M–20L/277 *	TANKLESS	5.54kw/277V
WH–2	CHRONOMITE M–20L/277 *	TANKLESS	5.54kw/277V
WH–3	CHRONOMITE M–20L/277 *	TANKLESS	5.54kw/277V

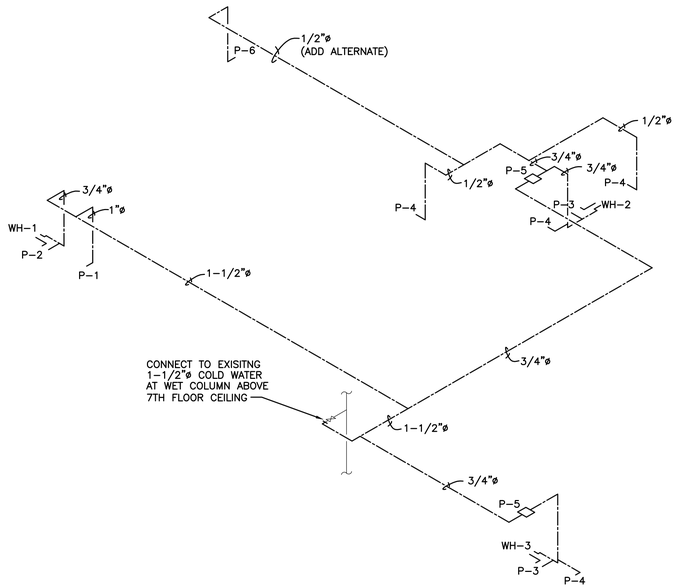
* PROVIDE WITH INTEGRAL DISCONNECT SWITCH

PIPE LEGEND

————	WASTE
- - - - - - - - - - - -	VENT
—·—·—·—·—·—	COLD WATER
—··—··—··—··—	HOT WATER



WASTE AND VENT RISER DIAGRAM
NO SCALE



DOMESTIC WATER RISER DIAGRAM
NO SCALE

GENERAL PLUMBING NOTES AND SPECIFICATIONS

1. FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED FOR A COMPLETE PLUMBING SYSTEM IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL CODES.
2. FURNISH AND INSTALL ALL SYSTEMS OF WASTE AND VENT PIPING, HOT WATER PIPING, COLD WATER PIPING AND DRAINAGE PIPING INCLUDING ALL FITTINGS, VALVES, ETC. AS REQUIRED.
3. FURNISH AND INSTALL ALL PLUMBING FIXTURES AND EQUIPMENT AS SHOWN ON THE DRAWINGS.
4. ALL PLUMBING WORK SHALL BE DONE UNDER THE SUPERVISION OF AND BY LICENSED AND QUALIFIED PLUMBERS PER ALL LOCAL, STATE, AND NATIONAL CODES AND TO THE COMPLETE SATISFACTION OF THE LOCAL PLUMBING INSPECTOR.
5. ALL MATERIALS SHALL BE NEW, CLEAN, AND WITHOUT DEFECTS. ANY DEFECTIVE MATERIALS SHALL BE REMOVED FROM JOB SITE.
6. ALL PLUMBING PIPING SHALL BE CONCEALED WITHIN THE BUILDING STRUCTURE AND ABOVE DROP CEILINGS.
7. ALL HOT AND COLD WATER PIPING SHALL BE COPPER TYPE "L".
8. ALL HOT WATER PIPING SHALL BE INSULATED WITH 1" THICK FIBERGLASS PIPE INSULATION.
9. SANITARY, WASTE, AND VENT PIPING SHALL BE NO–HUB STANDARD CAST IRON PIPE AND FITTINGS.
10. CLEANOUT PLUGS SHALL BE INSTALLED IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS AT EACH CHANGE IN DIRECTION. CLEANOUTS SHALL BE PLACED IN READILY ACCESSIBLE LOCATIONS.
11. INSTALL AN ISOLATION VALVE FOR EACH FIXTURE CONNECTED.
12. UPON COMPLETION OF THE WORK, TEST ALL PIPING SYSTEM AS FOLLOWS:
    A. DRAINAGE SYSTEMS INCLUDING SANITARY SEWERS, ROOF DRAINAGE, AND SANITARY VENTS: PLUG LOW POINTS OF SYSTEM AND FILL WITH WATER TO UPPERMOST OUTLET OR TO 12 FEET HIGH, WHICHEVER IS LOWER. LET SYSTEM STAND FULL OF WATER WITH NO INDICATIONS OF LEAKS.
    B. DOMESTIC HOT AND COLD WATER: 150 PSIG HYDROSTATIC TEST. HOLD HYDROSTATIC TESTS FOR A MINIMUM OF EIGHT HOURS WITHOUT LOSS OF PRESSURE. HOLD AIR TESTS FOR A MINIMUM OF ONE HOUR WITHOUT SIGNIFICANT LOSS OF PRESSURE. WITH APPROVAL OF ARCHITECT, AIR TESTING MAY BE SUBSTITUTED FOR HYDROSTATIC TESTING IN FREEZING WEATHER.
13. RETESTING: RETEST PIPING FAILING INITIAL TESTS FOLLOWING CORRECTION OF DEFECTIVE WORK. REQUIREMENTS OF INITIAL TESTS SHALL APPLY.

GENERAL CONSTRUCTION NOTES

1. REPLACE OR REPAIR ANY EXISTING EQUIPMENT DISTURBED OR DAMAGED DURING CONSTRUCTION TO ITS ORIGINAL CONDITION.
3. DISPOSE OF ALL WASTE MATERIALS IMMEDIATELY AND KEEP PREMISES CLEAN AT ALL TIMES.
4. THE CONTRACTOR SHALL ACCEPT THE PROJECT SITE IN "AS IS" CONDITION. HE SHALL VERIFY ALL THE EXISTING CONDITIONS AND THOSE FOR THE EXISTING WORK TO BE REUSED OR ALTERED. CONTRACTOR SHALL INCLUDE COSTS OF ALL REQUIRED MODIFICATIONS OR REPLACEMENTS IN ACCORDANCE WITH APPLICABLE PLANS AND SPECIFICATION SECTIONS.
5. THE DIMENSIONS AND COUNTS PROVIDED IN THE DRAWINGS AND SPECIFICATIONS ARE FIELD MEASURED AND MAY NOT BE EXACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSPECT THE SITE, TAKE NECESSARY MEASUREMENTS, COUNTS AND FAMILIARIZE HIMSELF WITH ALL THE JOB CONDITIONS PRIOR TO PROCEEDING WITH THE WORK.
6. CONFINE OPERATIONS AT THE SITE TO AREAS PERMITTED BY LAW, ORDINANCES, PERMITS, CONTRACT DOCUMENTS AND THE OWNER.
7. DO NOT UNREASONABLY ENCUMBER PREMISES WITH MATERIALS OR EQUIPMENT.
8. DO NOT LOAD STRUCTURES WITH WEIGHT THAT WILL ENDANGER STRUCTURE. ASSUME FULL RESPONSIBILITY FOR PROTECTION AND SAFEKEEPING OF PRODUCTS AND EQUIPMENT STORED ON PREMISES.
9. MAINTAIN THE PREMISES IN CLEAN AND SAFE CONDITION AT ALL TIMES.
10. THE CONTRACT OPERATIONS SHOULD NOT CAUSE ANY HINDRANCE, NUISANCE, LACK OF SAFETY, BLOCKED MEANS OF ENTRANCE AND EXIT, DAMAGE TO PROPERTY AND PERSON, DISRUPTION OF UTILITIES, EXCESSIVE AND OFFENSIVE NOISE AND DUST TO ANY OF THE ADJOINING PROPERTIES AND PERSONS. REMOVE SUCH CONDITION FORTHWITH, SHOULD THEY OCCUR AND REPAIR OR REPLACE THE DAMAGE AT OWN COST TO THE APPROVAL OF THE ENGINEER.
11. PROVIDE ACCESS TO OWNER'S AUTHORIZED PERSONS AND THE POLICE, FIRE OR OTHER DEPARTMENTS HAVING LEGAL JURISDICTION TO THE SITE AT ALL TIMES AND PROVIDE COOPERATION IN THEIR WORK.

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Release History

Date	Remark
02.27.18	Issued for Pricing, Permit & Construction

GEORGIA REGISTERED No: PE038561 PROFESSIONAL ENGINEER LES M. SAUNDERS JR.
02/27/18

Highwoods PROPERTIES

Council of State & Territorial Epidemiologists

2635 Century Center
2635 Century Parkway, N.E.
Suite 700
Atlanta, GA 30345

23,278 RSF

PLUMBING NOTES, SCHEDULES AND RISER DIAGRAMS

Drawn By	LS/KS
Checked By	LS
Project Number	12205.1717
File ID	
Date	02.27.18

Released for Construction

Sheet Number

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