



CERTIFICATE OF APPROPRIATENESS
Minor Works

CERTIFICATE NUMBER: 16-14

DATE ISSUED: 2/29/16

ISSUED TO: Jason, Mulholland, Spectrum Building Company

NAME OF LANDMARK: Carolina Transfer and Storage

ADDRESS OF LANDMARK: 1230 West Morehead Street, Unit 114
Charlotte, NC

TAX PARCEL NUMBER: 07324430

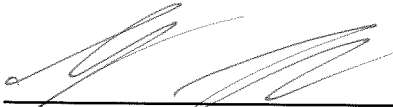
ADDRESS OF APPLICANT: 517-201 Alcove, Suite 201
Mooreseville, NC 28117

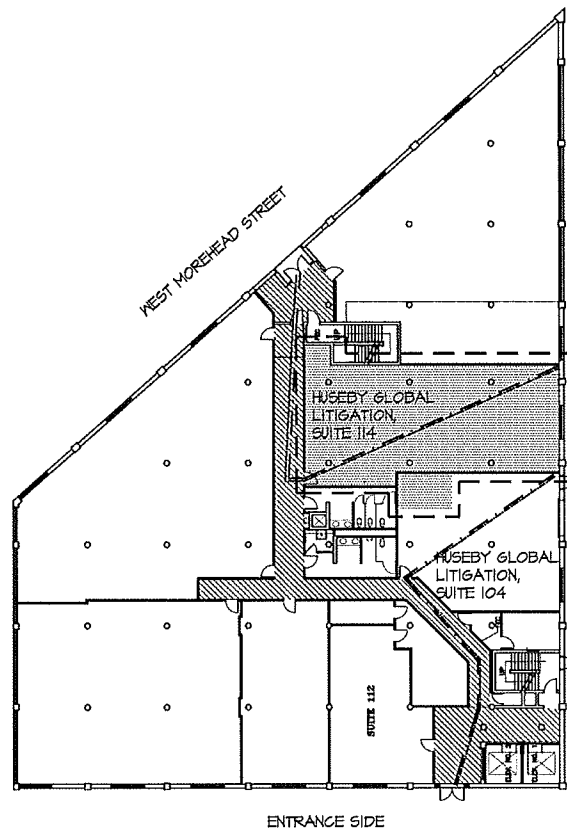
APPLICANT'S TELEPHONE NUMBER: 704-660-1044 or 980-275-1166


The Historic Landmarks Commission has reviewed the proposed activity and has found the following aspects to be in compliance with the Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings and, therefore, has found them to be appropriate:

Renovations to the interior, as shown on attached plans.

This Certificate of Appropriateness is valid for a period of six (6) months from the date of issuance. Failure to procure a building or demolition permit with a six-month period will be considered as a failure to comply with this Certificate, and the Certificate will become invalid. If a building or demolition permit is not required, the approved activity must be completed within a six-month period from the date of issuance. This Certificate can be renewed by the Historic Landmarks Commission upon written request for the applicant with a valid reason for failure to comply with the six-month deadline. This Certificate in no way removes the responsibility of the owner of a structure in a local historic district to obtain a Certificate of Appropriateness from the Charlotte Historic District Commission.

By: , Preservation Planner, Charlotte-Mecklenburg Landmarks Commission.




**SCHRADER
DESIGN**
custom architecture
1310 south tryon street, suite 102
charlotte, nc 28203
704.377.2220 fax 704.377.2110
www.schraderdesign.com

1230 West Morehead Street
Suite 104 & 114
Charlotte, NC 28208
Owner:
Huseby Global Litigation Support
Contact: Dawn Hewitt
Office: 800.333.2082
Email: DawnHewitt@huseby.com

Issue Date: NOT FOR CONSTRUCTION

Sheet List

Cover Cover Sheet, General Notes
CS2 Appendix B
A1.1 Demolition Plan,
A1.2 Architectural Floor Plan, Door and Finish Schedules
E-1 Electrical and Data Plan
M-1 Mechanical Plan

General Notes

1.00 GENERAL CONDITIONS

1.01 NOT USED

1.02 GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING PROJECT WORK COMPLIANCE WITH LOCAL, STATE, AND FEDERAL BUILDING/CONSTRUCTION CODES AND AMENDMENTS.

1.03 PROJECT WORK SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL ACCESSIBILITY GUIDELINES.

1.04 PROJECT CONDITIONS AND ACTIVITIES SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL SAFETY GUIDELINES AND CODES.

1.05 NOT USED

1.06 CONSTRUCTION DOCUMENTS HAVE BEEN DEVELOPED TO ACHIEVE GENERAL COMPLIANCE WITH CURRENTLY APPLIED ACCESSIBILITY GUIDELINES. SCHRADER DESIGN ASSUMES NO LIABILITY REGARDING DECISIONS OR AGREEMENTS, NOR IMPLIES ANY WARRANTY OR GUARANTEE REGARDING CHANGES IN, OR DIFFERING INTERPRETATIONS OF EXISTING ACCESSIBILITY GUIDELINES AS THEY APPLY TO THESE DOCUMENTS.

1.07 SCHRADER DESIGN IS NOT RESPONSIBLE FOR ENGINEERING THESE DOCUMENTS. ALL CHANGES TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE DESIGN-BUILD BY LICENSED CONTRACTOR AND SHALL COMPLY WITH ALL APPLICABLE CODES.

1.08 DRAWINGS ARE INTENDED TO SHOW DESIGN INTENT ONLY. WHERE NEEDED FOR CLARIFICATION, CERTAIN COMPONENTS MAY BE OMITTED FROM THE DRAWING FOR GRAPHIC CLARIFICATION. ALL ASSEMBLIES SHALL BE CONSTRUCTED PER CONVENTIONAL AND COMMON TRADE ACCEPTED PRACTICE UNLESS NOTED OTHERWISE. IN AREAS WHERE ATYPICAL ASSEMBLIES MAY BE DRAWN BUT NOTES DO NOT ADDRESS ATYPICAL ASSEMBLY, CONTRACTOR SHALL SUBMIT FOR CLARIFICATION FROM ARCHITECT IF CONVENTIONAL CONSTRUCTION PRACTICES CAN NOT BE UTILIZED.

2.00 PLAN DIMENSIONS

2.01 DIMENSIONS ARE FROM FACE OF NEW STUD, FACE OF EXISTING EXTERIOR WALL OR FACE OF CONCRETE UNLESS NOTED OTHERWISE.

2.02 ALIGNMENT INDICATION SHALL BE FINISH SURFACE TO FINISH SURFACE.

2.03 PARTITION ANGLES ARE PARALLEL, PERPENDICULAR OR 45 DEGREE ANGLES TO BUILDING PERIMETER UNLESS NOTED OTHERWISE.

2.04 CENTERLINE DIMENSIONS SHALL BE MEASURED FROM CENTERLINE OF ASSEMBLY, FEATURE OR DEVICE.

2.05 CENTERLINE INDICATION AT PARTITIONS ADJUTING BUILDING ELEMENTS (MILLIONS, COLUMNS, OR PILASTERS), SHALL ALIGN CENTER OF PARTITION ASSEMBLY WITH CENTER OF ELEMENT UNLESS NOTED OTHERWISE.

2.06 DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, OBTAIN CLARIFICATION FROM ARCHITECT.

3.00 (NOT USED)

4.00 PARTITIONS

4.01 ALIGNMENT OF PARTITIONS WITH NEW OR EXISTING CONSTRUCTION SHALL PROVIDE A SMOOTH, UNINTERRUPTED FINISHED SURFACE.

4.02 PROVIDE REQUIRED ACCESS PANELS IN PARTITIONS FOR MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS. PAINT WALL COLOR, LOCATION AND TYPE OF ACCESS PANEL, SHALL BE VERIFIED WITH ARCHITECT PRIOR TO CONSTRUCTION.

4.03 PENETRATION OF PARTITIONS FOR MECHANICAL SYSTEMS SHALL BE HERMETICALLY SEALED. PENETRATIONS WITHIN RATED PARTITION ASSEMBLIES SHALL PROVIDE FOR REQUIRED DAMPING DEVICES, SLEEVES, AND FIREPROOFING TO MAINTAIN APPROVED RATINGS.

4.04 BLOCKING SHALL BE WOOD WITHIN PARTITION CAVITY AT WALL MOUNTED MILLWORK, CABINETS, EQUIPMENT, ETC. AND OTHER WALL MOUNTED ITEMS. LOCATION OF BLOCKING SHALL BE MARKED AT BASE OF PARTITION OR FLOOR FOR ARCHITECT'S REVIEW AND MILLWORK INSTALLER.

4.05 ALL CABINERY SHALL MEET ALL APPLICABLE ACCESSIBILITY CODES.

4.06 ALL FINISH AND COLOR SELECTIONS TO BE APPROVED BY OWNER & ARCHITECT.

4.07 ALL INTERIOR WALLS ARE ASSIGNED TO BE 4" METAL STUDS UNLESS NOTED OTHERWISE.

5.00 CEILING

5.01 MINIMUM CEILING HEIGHT ALONG ACCESSIBLE ROUTE SHALL BE 8'0" PER ADA GUIDELINES.

5.02 ALL SUSPENDED ITEMS MUST MEET 160 LB FOR SENSING ANCHORAGE, TYPICAL.

5.03 PENETRATIONS AND OPENINGS IN CEILING FOR FIXTURES OR MECHANICAL SYSTEM PAYS AND REGISTERS SHALL BE PRECISELY CUT FOR INSTALLED ITEMS WITH EDGES TO BE CONCEALED BY MOUNTING TRIM OR COVER. INSTALLATION OF TRIM AND COVERS SHALL BE FLUSH TO SURFACE.

5.04 DEBRIS OR MATERIAL SHALL BE REMOVED FROM ABOVE FINISHED CEILING PRIOR TO FINAL CLEANING. GENERAL CONTRACTOR IS RESPONSIBLE FOR DAMAGES CAUSED BY DEBRIS OR UNREMOVED MATERIAL ABOVE FINISHED CEILING.

5.05 FIXTURES AND REGISTERS SHALL ALIGN SQUARE AND LEVEL WITH FINISHED CEILING.

6.00 TELEPHONE/ ELECTRICAL

6.01 ADJACENT WALL MOUNTED OUTLETS SHALL BE LOCATED 6" O.C. UNO.

6.02 WALL MOUNTED OUTLETS ON COLUMNS SHALL BE INSTALLED ON COLUMN OR PILASTER CENTERLINE.

6.03 FIXTURES SHALL BE INSTALLED PROVIDING EDGES OF CEILING CUTS TO BE CONCEALED BY MOUNTING TRIM OR COVER. INSTALLATION OF TRIM RINGS AND COVERS SHALL BE FLUSH WITH CEILING SURFACE.

6.04 LIGHT FIXTURES SHALL BE CENTERED IN CEILING TILE UNO.

6.05 GROUPED SWITCHES SHALL BE MOUNTED WITHIN A SINGLE FACE PLATE UNO.

6.06 SWITCHES SHALL BE MOUNTED AN OFFSET OF 6" TO CENTERLINE OF SWITCH FROM LATCH JAMB OF DOOR UNO.

6.07 ALL CONTROLS & SWITCHES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES OR AS NOTED ON DRAWINGS.

1.00 HVAC & FIRE PROTECTION

1.01 PLUMBING MOUNTED EQUIPMENT AND DUCTWORK SHALL BE MOUNTED TO PROVIDE CLEARANCE FOR CEILING MOUNTED LIGHT FIXTURES AND EQUIPMENT.

1.02 FIRE PROTECTION CONTRACTOR TO PROVIDE MATERIALS AND INSTALLATION FOR FIRE SUPPRESSION SYSTEM TO COMPLY WITH MUNICIPAL CODES AND GUIDELINES.

1.03 FIRE SUPPRESSION SUPPLY LINES SHALL BE MOUNTED TO PROVIDE CLEARANCE FOR CEILING MOUNTED LIGHT FIXTURES AND EQUIPMENT.

1.04 SPRINKLER HEADS SHALL BE CENTERED IN CEILING TILE.

1.05 ALL CONTROLS & SWITCHES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES OR AS NOTED ON DRAWINGS.

Legend

Symbols

DETAIL TAG
DETAIL NUMBER ON SHEET
SHEET NUMBER

DEMOLITION TAG

ELEVATION TAG

WALL TYPE TAG

SECTION TAG

FLOOR TO CEILING HEIGHT
(SUBFLOOR TO BOTTOM OF SOFFIT
TRIMMING)

COLUMN LINE TAG

REVISION TRIANGLE

DOOR TAG

BEARING OR FLOOR ELEVATION

INDOOR SYMBOL TAG

CENTERLINE

Materials

BATT INSULATION

EARTH

BRICK

FINISHED FLOOR

CONCRETE

GRAVEL

CHW CONC. (IN
PLAN)

PRECAST CONC.

GYPSUM BOARD OR
SHEATHING

ROUGH WOOD
(NON-CONTIGUOUS)

PLYWOOD

ROUGH WOOD
(NON-CONTIGUOUS)

ROOF INSULATION

STEEL

NOT FOR
CONSTRUCTION

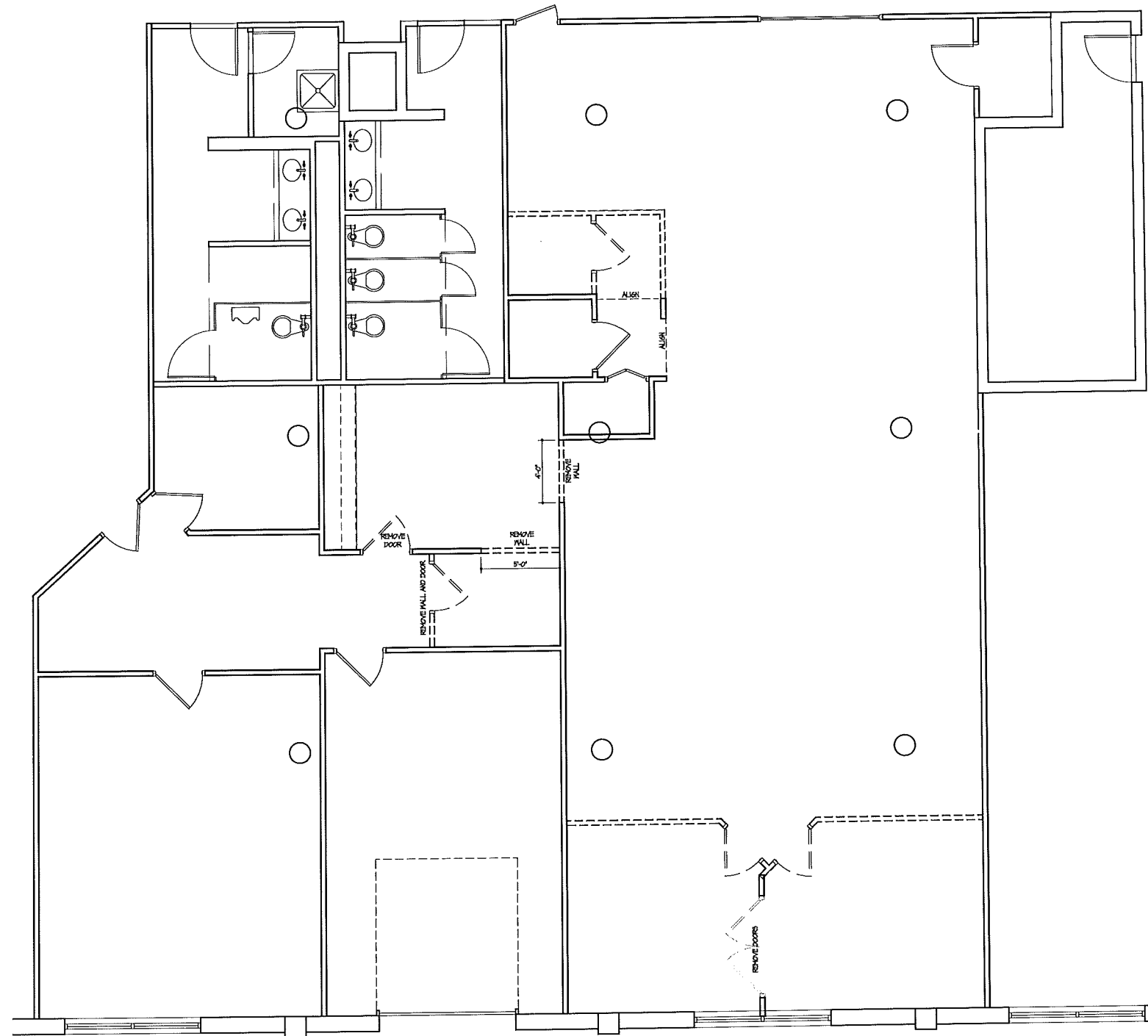
Huseby
GLOBAL LITIGATION SUPPORT
CHARLOTTE, NC

Project Number: 13-003
Issue Date: 07.17.15
Revisions

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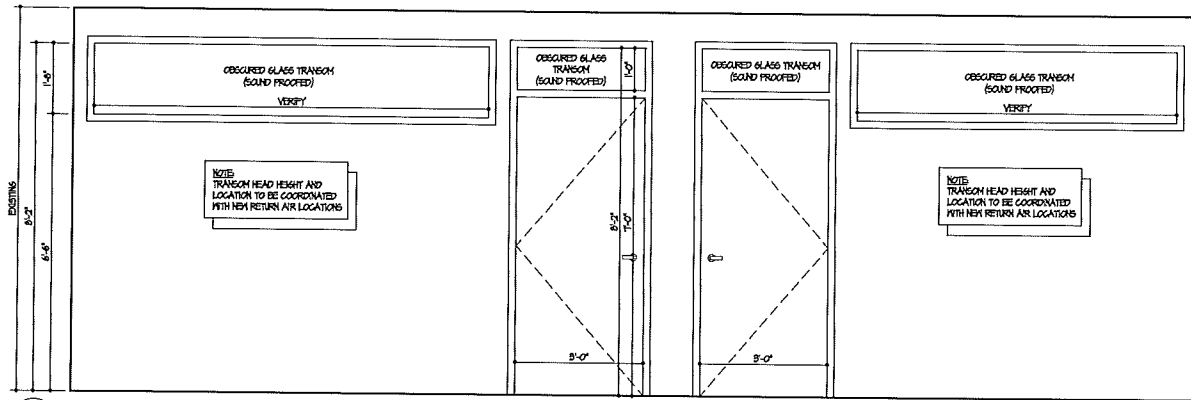
DEMOLITION
PLAN

A1-1



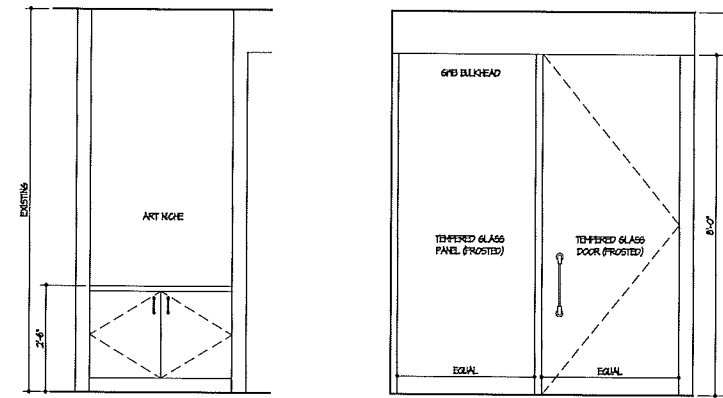
01 Demolition Plan

1/4" = 1'-0"



05 Interior Elevation

1/2" = 1'-0"

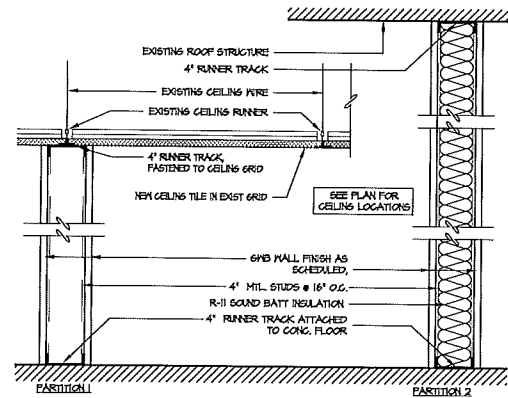


02 Interior Elevation

1/2" = 1'-0"

03 Int. Elev. 1/2" = 1'-0"

1/2" = 1'-0"



Partition Index

Door Schedule

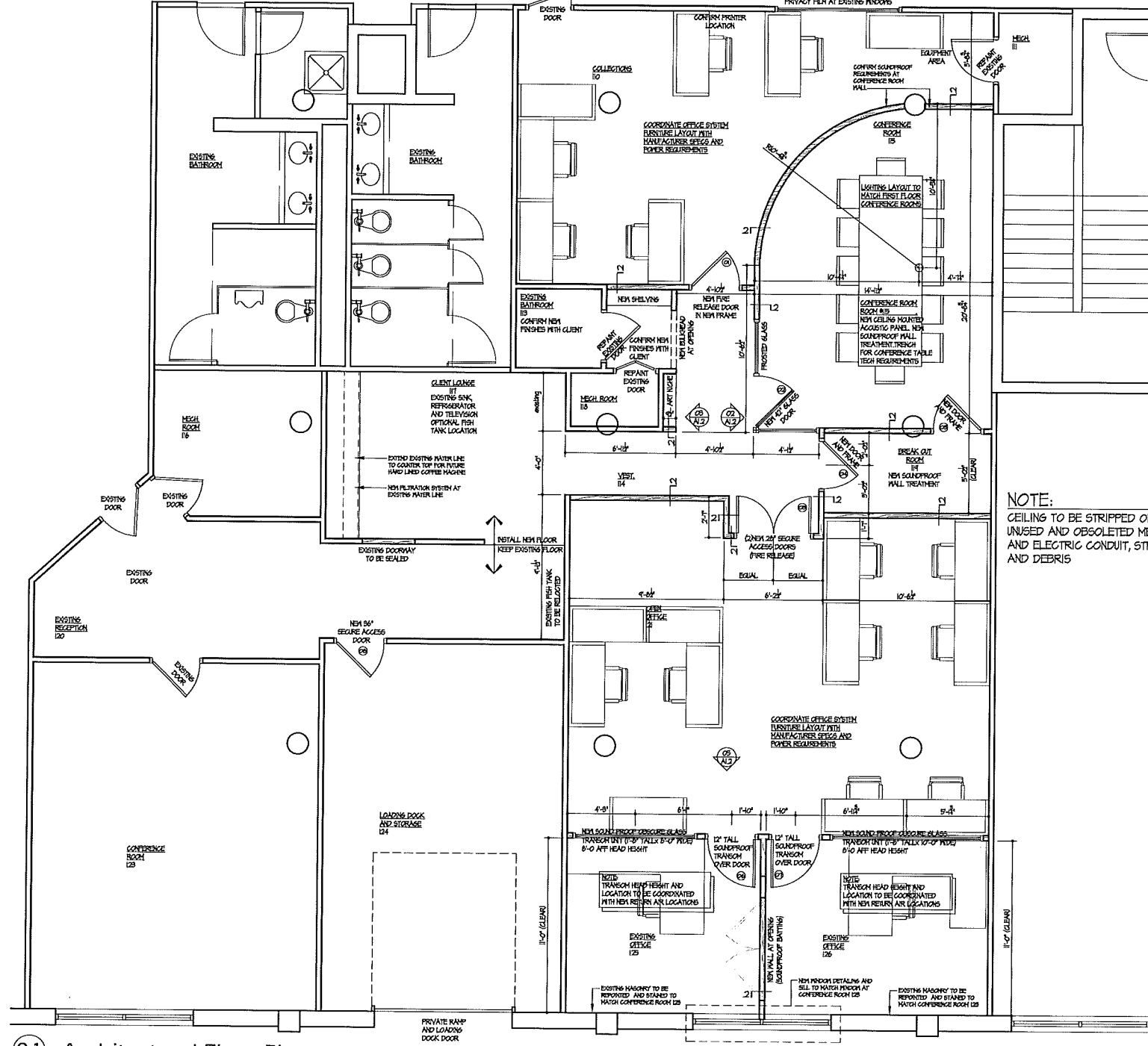
| Tag | Size | Door | Frm. | Hardware | Func. | Remarks |
|--------|---------------|--------|-----------|------------|--------|---------|
| Unit A | | rating | elevation | material | finish | |
| 01 | 8'-0" X 7'-0" | | | WOOD MATCH | HATCH | PANT |
| 02 | 8'-0" X 7'-0" | | | WOOD MATCH | HATCH | PANT |
| 03 | 8'-0" X 7'-0" | | | WOOD MATCH | HATCH | PANT |
| 04 | 8'-0" X 7'-0" | | | WOOD MATCH | HATCH | PANT |
| 05 | 8'-0" X 7'-0" | | | WOOD MATCH | HATCH | PANT |
| 06 | 8'-0" X 7'-0" | | | WOOD MATCH | HATCH | PANT |
| 07 | 8'-0" X 7'-0" | | | WOOD MATCH | HATCH | PANT |
| 08 | 8'-0" X 7'-0" | | | WOOD MATCH | HATCH | PANT |

Finish Schedule

| Room Name | # | Floor | Base | Walls | Ceiling | Remarks |
|------------------------|----|----------|----------|----------|----------|---------------------------------|
| COLLECTING | 10 | EXISTING | EXISTING | EXISTING | EXISTING | SOUNDPROOF CONFERENCE ROOM WALL |
| MECHANICAL | 11 | EXISTING | EXISTING | EXISTING | EXISTING | |
| EXISTING BATHROOM | 12 | EXISTING | EXISTING | EXISTING | EXISTING | |
| VESTIBULE | 13 | EXISTING | EXISTING | EXISTING | EXISTING | REMOVE EXISTING WALL SCORERS |
| CONFERENCE ROOM | 14 | EXISTING | EXISTING | EXISTING | EXISTING | REMOVE EXISTING WALL SCORERS |
| MECHANICAL | 15 | EXISTING | EXISTING | EXISTING | EXISTING | |
| CLIENT LOUNGE | 16 | EXISTING | EXISTING | EXISTING | EXISTING | REMOVE EXISTING WALL SCORERS |
| MECHANICAL ROOM | 17 | EXISTING | EXISTING | EXISTING | EXISTING | |
| BREAK OUT ROOM | 18 | EXISTING | EXISTING | EXISTING | EXISTING | REMOVE EXISTING WALL SCORERS |
| EXISTING RECEPTION | 19 | EXISTING | EXISTING | EXISTING | EXISTING | |
| OPEN OFFICE | 20 | EXISTING | EXISTING | EXISTING | EXISTING | |
| CONFERENCE ROOM | 21 | EXISTING | EXISTING | EXISTING | EXISTING | |
| LOADING DOCK & STORAGE | 22 | EXISTING | EXISTING | EXISTING | EXISTING | |
| EXISTING OFFICE | 23 | EXISTING | EXISTING | EXISTING | EXISTING | |
| EXISTING OFFICE | 24 | EXISTING | EXISTING | EXISTING | EXISTING | |

Paint Selections

| | | | | | | |
|---|------------------------|--|--|--|--|--|
| 1 | PERMANENT MOORE COLOR | | | | | |
| 2 | PERSPECTIVE (GMP-3) | | | | | |
| 3 | PERSPECTIVE (GMP-1000) | | | | | |



01 Architectural Floor Plan

1/4" = 1'-0"

SCHRADER DESIGN
custom architecture
1310 south tryon street, suite 102
charlotte, nc 28203
704.377.2220 fax 704.377.2110
www.schraderdesign.com

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GLOBAL LITIGATION SUPPORT
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Revisions

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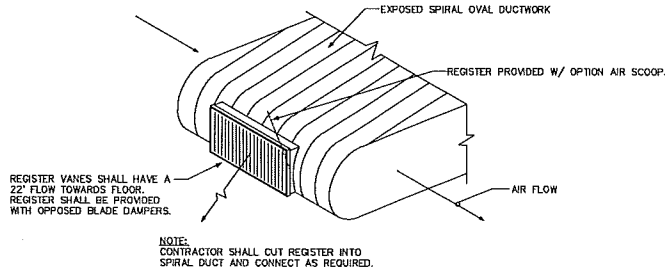
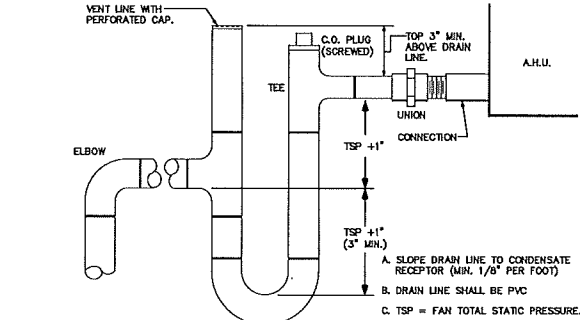
ARCHITECTURAL FLOOR PLAN
A1-2

| PANEL SCHEDULE A | | | | | | | | | | | | | | | | | | |
|--|------|------------------|---------|------|---------|------------------|---------------------------|--------|--------|--------|------------------|------------------|-----|-----|---------|------|------|-------|
| 100 AMP, 120/208 VOLT, THREE PHASE, FOUR WIRE, M.L.D., 10000 AMPS MINIMUM A.I.C. BRACING, SURFACE MOUNTED, TYPE NEMA 1 ENCLOSURE | | | | | | | | | | | | | | | | | | |
| # | BKR. | WIRE AND CONDUIT | | | | LOAD DESCRIPTION | NEUT. | LINE A | LINE B | LINE C | LOAD DESCRIPTION | WIRE AND CONDUIT | | | | BKR. | # | |
| | | COND. | NEUTRAL | GRD. | C. KEYS | | | | | | | KEYS | C. | GRD | NEUTRAL | | | COND. |
| 1 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | LIGHTING | 1004 | 1004 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 2 |
| 2 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | LIGHTING | 720 | 720 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 4 |
| 3 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 720 | 720 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 4 |
| 4 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 720 | 720 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 6 |
| 5 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 720 | 720 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 6 |
| 6 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 720 | 720 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 6 |
| 7 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 720 | 720 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 6 |
| 8 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 8 |
| 9 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 8 |
| 10 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 10 |
| 11 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 12 |
| 12 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 12 |
| 13 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 14 |
| 14 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 14 |
| 15 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 16 |
| 16 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 16 |
| 17 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 18 |
| 18 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 18 |
| 19 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 20 |
| 20 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 20 |
| 21 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 22 |
| 22 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 22 |
| 23 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | EXTG CONDENSATE PUMP | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 24 |
| 24 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 24 |
| 25 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 26 |
| 26 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | RECEPTACLES | 540 | 540 | ----- | EXTG RECEPTACLES | CHL | 1/2 | #12 | #12 | #12 | 20/1 | 26 |
| 27 | 20/2 | #12 | #12 | #12 | 1/2 | CHL | LARGE FORBAY COPY MACHINE | 1100 | 1100 | ----- | SPACE | | | | | | 20/2 | 28 |
| 28 | 20/2 | #12 | #12 | #12 | 1/2 | CHL | LARGE FORBAY COPY MACHINE | 1100 | 1100 | ----- | SPACE | | | | | | 20/2 | 30 |
| 29 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 32 |
| 30 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 34 |
| 31 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 36 |
| 32 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 38 |
| 33 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 40 |
| 34 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 42 |
| 35 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 44 |
| 36 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 46 |
| 37 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 48 |
| 38 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 50 |
| 39 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 52 |
| 40 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 54 |
| 41 | 20/1 | #12 | #12 | #12 | 1/2 | CHL | COPY MACHINE | 1200 | 1200 | ----- | SPACE | | | | | | 20/1 | 56 |
| WIRE/CONDUIT KEY | | | | | | | | | | | | | | | | | | |
| WIRING TYPE | | | | | | | | | | | | | | | | | | |
| CONDUIT TYPE | | | | | | | | | | | | | | | | | | |
| TEMP RATING | | | | | | | | | | | | | | | | | | |
| INSULATION | | | | | | | | | | | | | | | | | | |
| TERRACE | | | | | | | | | | | | | | | | | | |
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| WATER COOLED HEAT PUMP SCHEDULE | | | | | | | | | | | | | | | |
|---|--------------------------|---------------------------|------------------------------|---------------------------|---|---------|---------|------|----------|----------|-------------|-------------|-------------|--------|---------------|
| CU LABEL(S) | MANUFACTURER & MODEL NO. | TOTAL CAPACITY COOLING | SENSIBLE CAPACITY COOLING | TOTAL CAPACITY HEATING | COMP. RLA | FAN FLA | VOLTAGE | MOOP | EER/SEER | WEIGHT | EAT (DB/MB) | ENT (deg F) | LWT (deg F) | G.P.M. | PRESSURE DROP |
| HP #1 | FHP - EC061 | 53,270 | 41,020 | 69,590 | 18.0 | 5.2 | 208V/3F | 45A | 13.9 | 328 lbs. | 75/63 | 94 | 106 | 15.0 | 10.7 FT. WG. |
| GENERAL NOTES: | | | | | ABBREVIATION LEGEND: | | | | | | | | | | |
| * ALL RATINGS ARE AT AIR ENTERING CONDITIONS UNLESS OTHERWISE NOTED. | | | | | O/A - OUTSIDE AIR | | | | | | | | | | |
| * PROVIDE VIBRATION ISOLATION FOR UNITS. | | | | | HP - HORSE POWER | | | | | | | | | | |
| * EXTERNAL STATIC PRESSURE DOES NOT INCLUDE COIL OR FILTER PRESSURE DROP. | | | | | RLA - RUNNING LOAD AMPS | | | | | | | | | | |
| * CONTRACTOR MAY SUBSTITUTE MANUFACTURER FOR APPROVED EQUAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ANY CLEARANCE REQUIREMENTS ARE MET FOR ANY SUBSTITUTIONS. | | | | | FLA - FULL LOAD AMPS | | | | | | | | | | |
| | | | | | MOOP - MAX. OVERCURRENT PROTECTION (DUAL ELEMENT TYPE FUSE) | | | | | | | | | | |
| | | | | | E.S.P. - EXTERNAL STATIC PRESSURE | | | | | | | | | | |
| | | | | | EER - ENERGY EFFICIENCY RATIO | | | | | | | | | | |
| | | | | | SEER - SEASONAL ENERGY EFF. RATIO | | | | | | | | | | |

- GENERAL MECHANICAL NOTES
- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE SYSTEM IN ACCORDANCE WITH THESE DRAWINGS, THE APPLICABLE BUILDING CODE AND ALL OTHER APPLICABLE STATE, COUNTY AND LOCAL ORDINANCES AND THE LATEST ADDITION OF THE FOLLOWING PUBLICATIONS: SMACNA, ASSHV, NFA, BSA, RSI, VI & ANSI B-9.1. ALL DUCTWORK SHALL BE FABRICATED, INSTALLED AND SUPPORTED AS PER SMACNA STANDARDS.
 - THE CONTRACTOR SHALL PAY ALL COSTS OF PERMIT, INSPECTIONS AND ALL OTHER COSTS INCIDENTAL TO THE COMPLETION AND TESTING OF THIS WORK.
 - THE CONTRACTOR SHALL VISIT THE SITE AND COORDINATE WORK WITH OTHER TRADES TO INSURE AN ORDERLY PROGRESS OF THIS WORK.
 - THE CONTRACTOR SHALL SUPPLY THE OWNER WITH ONE SET OF "AS-BUILT" DRAWINGS UPON COMPLETION OF THIS PROJECT. CONTRACTOR SHALL ALSO LEAVE FOR ONE AT LEAST ONE SET OF THE MANUFACTURER'S INSTALLATION AND OPERATIONS MANUALS FOR ALL EQUIPMENT PROVIDED ON THE PROJECT.
 - ALL PROVIDED MATERIALS SHALL BE NEW OF GOOD QUALITY, ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER BY SOLLED WORKMAN.
 - CONTRACTOR SHALL SUBMIT, FOR APPROVAL, FIVE (5) COPIES OF MANUFACTURER'S DRAWINGS FOR EACH PIECE OF EQUIPMENT AND CONTROLS INCLUDED IN CONTRACT. IT IS STRONGLY PREFERRED THAT THE SUBMITTALS BE MADE IN THE FORM OF AN ELECTRONIC SUBMITAL IN A PDF TYPE FORMAT.
 - ALL SUPPLY AND RETURN AIR DUCTWORK SHALL EXPOSED SPIRAL OVAL DUCTWORK AS MANUFACTURED BY UNIDAB. <http://goa.g/hb6k4>. (OR APPROVED EQUAL)
 - DUCT SIZES SHOWN ARE INSIDE DIMENSIONS.
 - ALL AIR DEVICES (DIFFUSERS, REGISTERS AND GRILLES) SHALL BE ALL ALUMINUM CONSTRUCTION WITH EXPOSED SURFACE OFF WHITE BAKED ENAMEL FINISH OR AS SPECIFIED BY ARCHITECT. DEVICES SHALL BE TITUS, METALARE, AIRGUIDE. PROVIDE OPPOSED BLADE DAMPERS AT ALL DIFFUSERS AND REGISTERS.
 - THERMOSTAT SHALL BE COMBINATION COOLING/HEATING, WITH SYSTEM "COOL-AUTO-HEAT-OFF" AND FAN "ON-AUTO" SELECTOR SWITCHES. PROVIDE PROGRAMMABLE TYPE THERMOSTAT. * CONTRACTOR SHALL FULLY INSTRUCT OWNER ON HOW TO PROPERLY PROGRAM INSTALLED THERMOSTATS. * PROGRAMMABLE THERMOSTAT SHALL BE BY MANUFACTURER OF INSTALLED AIR HANDLING UNIT. IT IS RECOMMENDED THAT DURING OCCUPIED HOURS, THE FANS BE SET TO "ON" IN LIEU OF "AUTO". * THERMOSTATS SHALL BE MOUNTED A MAX. OF 48" A.F.F.
 - PROVIDE NEW FILTERS FOR ALL AIR CONDITIONING EQUIPMENT BEFORE STARTING THEM. REPLACE THEM PRIOR TO FINAL ACCEPTANCE BY OWNER.
 - HVAC CONTRACTOR SHALL PROVIDE A TEST AND BALANCE REPORT FOR ALL MECHANICAL EQUIPMENT, AIR DEVICES, DAMPERS, AHU'S AND FANS. THE T & B SHALL BE IN ACCORDANCE WITH THE AIR BALANCE COUNCIL STANDARDS, AND SHALL INCLUDE AIR QUANTITIES FOR ALL SUPPLY GRILLS, RETURN GRILLS, AND EXHAUST GRILLS, AND THE LEAVING AND ENTERING AIR TEMPERATURE (T) FROM SUPPLY GRILLS AND EVAPORATORS.
 - THERMOSTAT LOCATION SHALL BE APPROVED BY OWNER BEFORE INSTALLATION.
 - ALL INSULATION SHALL HAVE FIRE/SMOKE RATING LESS THAN 25/50.
 - MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCH, PLUMBING, ELECTRICAL AND STRUCTURAL PLANS AND SHALL BE CONSIDERED AS ONE SET OF DOCUMENTS. DUCT AND PIPING OFFSETS, BENDS AND TRANSITIONS WILL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL INSTALL ALL OUTDOOR EQUIPMENT TO WITHSTAND WIND LOADING FORCES AS REQUIRED BY LOCAL CODES. REFER TO STRUCTURAL PLANS BY OTHERS FOR STRUCTURAL DETAILS.
 - PROVIDE ALL NECESSARY CONTACTORS, RELAYS, ETC., FOR A COMPLETE OPERATING SYSTEM.
 - THROUGHOUT THE COURSE OF THE WORK, MINOR CHANGES AND ADJUSTMENTS TO THE PLANS AND SPECIFICATIONS MAY BE REQUESTED BY THE TENANT. THE CONTRACTOR SHALL MAKE SUCH ADJUSTMENTS WITHOUT ADDITIONAL COST TO THE TENANT, WHEN SUCH ADJUSTMENTS ARE NECESSARY FOR THE PROPER INSTALLATION AND OPERATION OF THE SYSTEMS, AND WITHIN THE INTENT OF THE CONTRACT DOCUMENTS.
 - NOTWITHSTANDING ANY OTHER PROVISIONS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR BEARS ULTIMATE RESPONSIBILITY FOR COMPLIANCE OF THE INSTALLATION WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
 - IF ANY ERRORS, DISCREPANCIES OR OMISSIONS APPEAR IN THE DRAWINGS, SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF SUCH ERROR OR OMISSION. IN THE EVENT OF THE CONTRACTOR FAILING TO GIVE SUCH NOTICE BEFORE CONSTRUCTION AND/OR FABRICATION OF THE WORK, HE WILL BE HELD RESPONSIBLE FOR THE RESULTS OF ANY SUCH ERRORS, DISCREPANCIES OR OMISSIONS AND THE COST OF RECTIFYING SAME.
 - CONDENSER WATER PIPING SERVING HP #1 SHALL BE PVC SCHED. 40.

2
CONDENSATE P-TRAP DETAIL
NOT TO SCALE



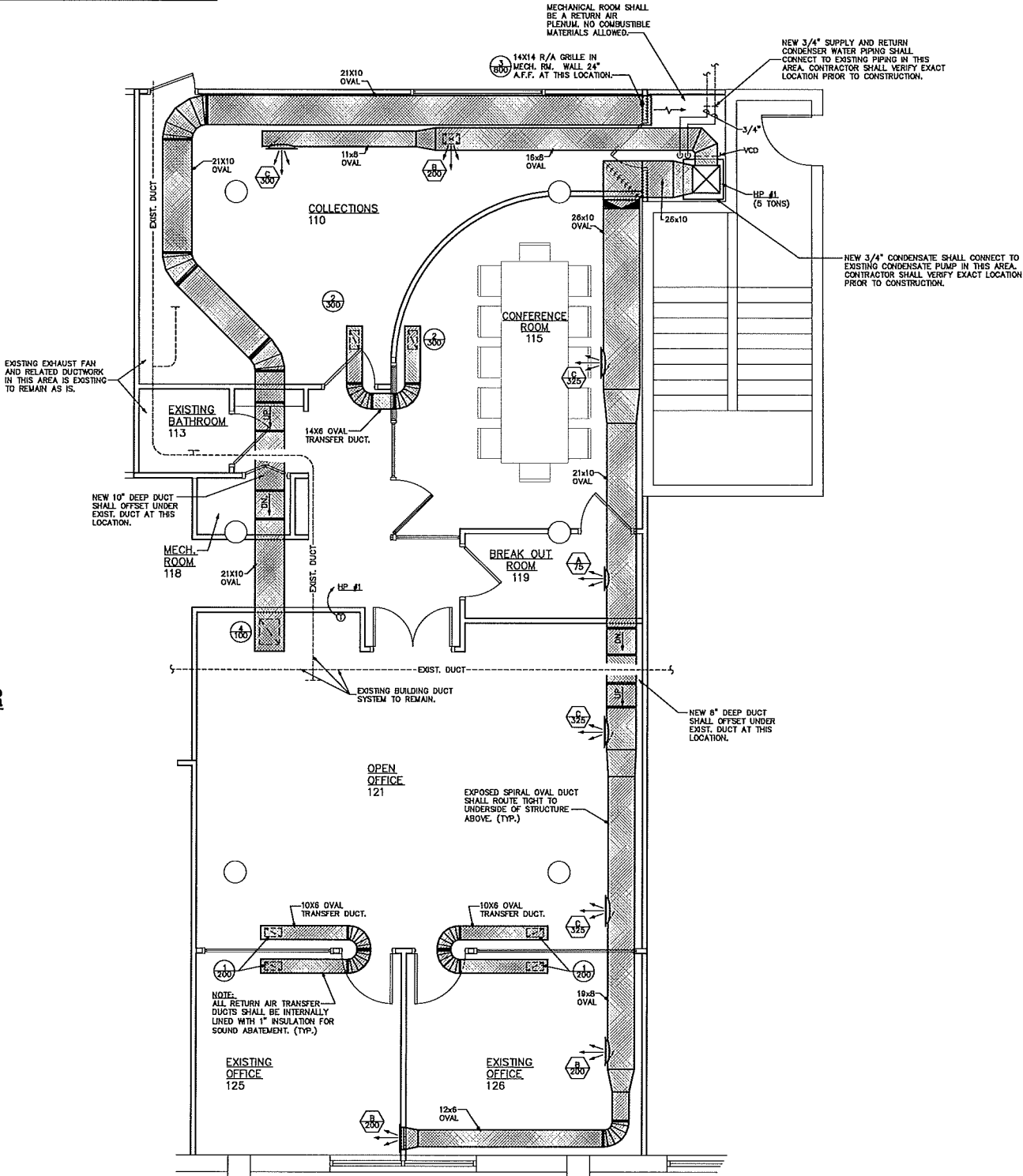
3
SPIRAL OVAL DUCT / REGISTER CONNECTION DETAIL
NO SCALE

NOTE: THIS IS AN EXISTING FACILITY WHICH HAS EXISTING DUCTWORK AND DISTRIBUTION SYSTEMS. ALTERATIONS TO EXISTING WORK BEING OF SUCH NATURE THAT ALL FACETS OF THE WORK ARE IMPOSSIBLE TO DETAIL AND SPECIFY. IT IS THEREFORE THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY EXAMINE THE EXISTING BUILDING AND FAMILIARIZE HIMSELF WITH THE CONDITIONS AND RELATE THESE CONDITIONS TO THE SCOPE OF THE PROPOSED NEW WORK. ALL BIDS ARE EXPECTED TO ENCOMPASS THE TOTAL WORK SCOPE NEEDED TO PLACE THE COMPLETED SYSTEM IN WORKING CONDITION.

| SUPPLY DIFFUSER SCHEDULE | | | | |
|--------------------------|--------------------------------------|-----------|--|--------------------------------|
| | DESIGNATES LABEL FOR DIFFUSER TYPE | | ALL DIFFUSERS ARE TO BE PROVIDED WITH OPPOSED BLADE DAMPERS UNLESS OTHERWISE SPECIFIED ON PLANS. | |
| | DESIGNATES CFM QUANTITY FOR DIFFUSER | | | |
| LABEL | MANUFACTURER & MODEL NO. | NECK SIZE | CFM RANGE | REMARKS |
| A | TITUS S300FS | 10X6 | 0 - 125 | DIRECT SPIRAL MOUNTED REGISTER |
| B | TITUS S300FS | 10X8 | 130 - 250 | DIRECT SPIRAL MOUNTED REGISTER |
| C | TITUS S300FS | 18X6 | 255 - 400 | DIRECT SPIRAL MOUNTED REGISTER |
| D | TITUS 300RL | 10X6 | 155 - 200 | SIDEWALL REGISTER |

| RETURN GRILLE SCHEDULE | | | | |
|------------------------|------------------------------------|-----------|-----------------------------------|---------------|
| | DESIGNATES LABEL FOR GRILLE TYPE | | FILTER SHALL BE PROVIDED AT UNIT. | |
| | DESIGNATES CFM QUANTITY FOR GRILLE | | | |
| LABEL | MANUFACTURER & MODEL NO. | NECK SIZE | CFM RANGE | REMARKS |
| 1 | TITUS 50FF | 10X6 | 0 - 225 | EGGCRATE FACE |
| 2 | TITUS 50FF | 14X6 | 230 - 350 | EGGCRATE FACE |
| 3 | TITUS 50FF | 14X14 | 355 - 900 | EGGCRATE FACE |
| 4 | TITUS 50FF | 18X14 | 905 - 1200 | EGGCRATE FACE |

NOTE: THIS IS AN EXISTING FACILITY WHICH HAS AN EXISTING CONDENSER WATER DISTRIBUTION SYSTEM. ALTERATIONS TO EXISTING WORK BEING OF SUCH NATURE THAT ALL FACETS OF THE WORK ARE IMPOSSIBLE TO DETAIL AND SPECIFY. IT IS THEREFORE THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY EXAMINE THE EXISTING BUILDING AND FAMILIARIZE HIMSELF WITH THE CONDITIONS AND RELATE THESE CONDITIONS TO THE SCOPE OF THE PROPOSED NEW WORK. ALL BIDS ARE EXPECTED TO ENCOMPASS THE TOTAL WORK SCOPE NEEDED TO PLACE THE COMPLETED SYSTEM IN WORKING CONDITION.



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

**SCHRADER
DESIGN**

custom architecture

1310 south tryon street, suite 102
charlotte, nc 28203
704.377.7220 fax 704.377.2110
www.schraderdesign.com

TCA JOB #15102

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1000 W. CAREY & ASSOCIATES OF THE CAROLINAS, P.A.
CONSULTING ENGINEERS
STATE OF N. CAROLINA
REGISTERED PROFESSIONAL ENGINEER # 0277
CORPORATION # C-1415

TELEPHONE: (704) 684-8824 FAX: (704) 683-1044
432 CANNABACK ROAD, WIRESVILLE, N.C. 28117
EMAIL: 1000@1000CAREY.COM
TCA WEB SITE: <http://www.1000CAREY.COM>

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Huseby

GLOBAL LITIGATION SUPPORT

CHARLOTTE, NC

Project Number: 13-003
Issue Date: 08.17.15
Revisions

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MECHANICAL
FLOOR PLAN

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