LOCAL HISTORIC DISTRICT: Wilmore

| PROPERTY ADDRESS: | 1529 and 1537 South Mint Street |
|---------------------|---|
| SUMMARY OF REQUEST: | Commercial building rehabilitation (fenestration, murals, signage, awnings, lighting) |
| APPLICANT/OWNER: | Stephen Overcash/Nick Lischerong |

The application was continued from November for the following items:

Windows and fenestration: to provide more detail on the windows, accurate drawings, samples of the windows, rowlock detail, and restore the original windows per Guidelines 4.14, as well as continue the rollup doors by providing dimension and material detail, the dumpster screening to provide material detail, and the outdoor seating area to provide detail.

Details of Proposed Request

Existing Conditions

1529 South Mint Street was constructed c. 1962 and 1537 South Mint Street was constructed c. 1967. Both structures are utilitarian concrete block buildings constructed as service garages. Lot size is 150 x 150. Adjacent structures are commercial buildings, parking lots and single family residential to the rear along Westwood Avenue and Wickford Place.

1529 South Mint appears to originally have been a small flat roof building, and a later addition with shallow pitch gable roof added to the back. Window and door opening sizes also vary between the front portion and back addition. The most notable features on 1529 South Mint street are the original windows on the left and right elevations.

1537 South Mint Street is four-bay concrete block building. The fourth bay on the right elevation appears to be a later addition to the structure. The building has a minimalist parapet roof delineated by Roman brick found on many mid-century buildings, which is difficult to see because the brick is painted. This brick feature wraps around the left elevation for a few courses under the flat roof. There appear to be two original windows on the far rear right elevation.

Proposal

The proposed project is changes new window/door openings, changes to existing openings, and the addition of awnings, lighting, signage and murals.

- Fenestration openings and material is confirmed, the final locations and designs of all doors and windows are not. Material: 2" x 4" aluminum storefront. Design: fixed storefront, roll-up doors, roll-up windows.
- Mural locations are confirmed. Design: Abstract, realistic, or historical to tell the story of the Gold District. Materials: Either painted or three dimensional with use of metals, woods, synthetic materials, clays or stones.
- Signage locations are estimates and not confirmed.
- Awning locations and dimensions are estimates; materials to be wood and metal.
- Lighting location are conceptual; form is to be downward-directed goose neck lighting and sconces. Design may include contemporary, industrial and period lighting.

Revised Proposal – October 9

- Window design changed.
- Awning and lighting specs provided.
- Additional information provided about dumpster locations and screening.

Revised Proposal – November 13

- Additional information provided about existing windows.
- Revised elevation drawings.

Revised Proposal – December 11

- Additional information provided about existing windows.
- Revised elevation drawings include brick rowlock, dimensions, and materials of windows and roll-up doors. Window material proposed: 2" w/ 1" mullions aluminum storefront, to mirror the existing windows. Design: fixed storefront, roll-up doors, roll-up windows.
- Dumpster screening detail provided.
- Canopy detail provided.
- No wall or screening to be constructed around outdoor seating area, which will only have moveable tables + chairs.

Design Guidelines – Secretary of the Interiors Standards for Historic Rehabilitation, page 2.5

- 1. <u>A property shall be used for its historical purpose or be placed in a new use that requires minimal change</u> to the defining characteristics of the building and its site and environment.
- 2. <u>The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided</u>.
- 3. Each property shall be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or architectural elements from other buildings, shall not be undertaken.
- 4. Most properties change over time; those changes that have acquired historic significance in their own right shall be retained and preserved.
- 5. <u>Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize</u> <u>a property shall be preserved</u>.
- 6. Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires the replacement of a distinctive feature, the new one shall match the old in design, color, texture, and other visual qualities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical, or pictorial evidence.
- <u>Chemical or physical treatments, such as sandblasting, that cause damage to historical materials shall not</u> <u>be used. The surface cleaning of structures, if appropriate, shall be undertaken using the gentlest means</u> <u>possible</u>.
- 8. Significant archaeological resources affected by a project shall be protected and preserved. If such resources must be disturbed, mitigation measures shall be undertaken.
- New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
- 10. <u>New additions and adjacent or new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.</u>

Design Guidelines – Windows, page 4.12-4.14

- 1. Retain and preserve windows that contribute to the overall historic character of a building, including frames, sash, glass, muntins, sills, trim, surrounds, and shutters. Ensure that all hardware is in good operating condition.
- 2. Repair original windows by patching, splicing, consolidating, or otherwise reinforcing. Wood that appears to be in bad condition because of peeling paint or separated joints often can, in fact, be repaired rather than replaced. Ensure that caulk and glazing putty are in good condition and that water drains off the sills.
- 3. Replace only those features of the window that are beyond repair.
- 4. Uncover and repair covered-up windows and reinstall windows with their original dimensions where they have been blocked in.
- 14. Match window replacements to the height and width of the original openings.
- 20. Use translucent or low-e glass.

Design Guidelines – Additions, page 7.2

- 1. Attempt to locate the addition on the rear elevation so that it is minimally visible from the street.
- 2. Limit the size of the addition so that it does not visually overpower the existing building.
- 3. Attempt to attach new additions or alterations to existing buildings in such a manner that, if such additions or alterations were to be removed in the future, the essential form and integrity of the building would be unimpaired.
- 4. Maintain the original orientation of the structure. If the primary entrance is located on the street façade, it should remain in that location.
- 5. Maintain the existing roof pitch. Roof lines for new additions should be secondary to those of the existing structure. The original roof as visible from the public right-of-way should not be raised.
- 6. Make sure that the design of a new addition is compatible with the existing building. The new work should be differentiated from the old while being compatible with its massing, form, scale, directional expression, roof forms and materials, foundation, fenestration, and materials.

Design Guidelines – Sidewalks and Parking, page 8.2

For Non-Residential Projects:

- 9. Parking should be located to the side or rear of the property if at all possible. Front parking is allowed only when it is an established practice in commercial corridors, and when such a parking scheme would not otherwise violate the historic character of a particular streetscape. When allowed, such parking areas must be buffered from the sidewalk. Any parking or paving plan must include a screening plan to buffer non-residential parking areas from adjacent residential uses.
- 10. Parking beyond that required by local ordinance will be considered if the area is landscaped and relates to the streetscape in an appropriate manner.
- 11. Parking must be screened in some manner so that the parking is not the dominant feature of the property.
- 12. Any parking structures must meet the requirements of new construction for historic districts.

Design Guidelines – Site Appurtenances, page 8.8

- 1. <u>Place site appurtenances in inconspicuous areas to the rear of the building or in side yards and screen</u> with appropriate plantings or fencing. Site appurtenances are not allowed in the front yard.
- 2. Place above-ground backflow preventers in locations that are not substantially visible from a street.
- 3. Antennae and satellite dishes can be located on rooftop locations not visible from the public right-ofway.
- 4. Store trash containers and dumpsters in screened locations not visible from public rights-of-way.
- 5. <u>Dumpsters in Local Historic Districts must be screened</u>.

Design Guidelines – Light Fixtures, page 8.11

- 1. Retain any historic light fixtures on the site and house.
- 2. Repair and refurbish historic light fixtures when possible.
- 3. Replace an historic light fixture only when parts for the existing fixture can no longer be found or replicated.
- 4. Use fixtures that are compatible with the character of the historic building and the surrounding area.
- 5. Choose light levels that provide for adequate safety but do not overly emphasize the residential site or building. Often, existing porch lights may be sufficient.
- 6. Avoid bright security lighting mounted at eave heights of buildings.

Staff Analysis

Staff has the following concerns with the proposal:

- 1. Awning/canopy may be reviewed under 'Additions'; additional information (dimensions/materials) needed about proposed awnings.
- 2. Murals may be reviewed under applicable Secretary of the Interiors Standards 1, 2, 5, 7, 9, and 10.
- 3. Limit LED lighting warmth levels to 2500k.
- 4. Verify that signage meets HDC standards in addition to the TOD standards outlined in the proposal.
- 5. 1529 S. Mint, A201: North Elevation
 - a. Does not include a note about the existing door at the front being removed infilled to match existing?
 - b. Missing dimensions for new single-entry door, sidelight and transom window located toward the front of the building.
 - c. New double metal doors at the rear missing dimensions, missing note about the removal of garage bay. Infill to match existing?
- 6. Minor revisions may be reviewed by staff

HDCCMA 2019-00529 PID: 11908411 LOCAL HISTORIC DISTRICT: WILMORE PROPOSED PROJECT: COMMERCIAL

December Meeting 2019









| MATERIAL LEGEND | | | | |
|-----------------|-------------------|---|--|--|
| | BATT INSULATION | | ROUGH WOOD (CONTINUOUS) | |
| | BRICK (IN PLAN) | | ROUGH WOOD (NON- CONTINUOUS) | |
| | BRICK (ELEVATION) | | STEEL | |
| 44 | CONCRETE | | CUT STONE | |
| | CMU (IN PLAN) | | RIGID INSULATION | |
| | FINISHED WOOD | | EARTH | |
| | GRANULAR FILL | | GYPSUM, SHEATHING, SAND, OR PLASTER | |
| | PLYWOOD | | | |
| L | 1 | 1 | | |



| SYMBOL | S LEGEND | | | |
|---------------------------------|---|-----------|---------------------------|--|
| col | COLUMN/REFERENCE GRID IDENTIFICATION | (101A) | DOOR NUMBER | |
| W01 | WINDOW SYMBOL TAG | \bullet | BEARING / FLOOR ELEVATION | |
| | INTERIOR WALL TYPE | | FINISH TAG | |
| ? | KEYNOTE TAG | | TOILET ACCESSORY TAG | |
| × | DEMO TAG | | | |
| MATCH LIN | - | ELEVATION | TARGET | |
| | | | 1 Ref DIRECTION | |
| INDICATION | 15 | , ef | BE VIEWED (TYP.) | |
| | | | 101 1 | |
| OH - INDICATES MIRRORED SECTION | | | SHEET NUMBER | |
| | | | 1 Ref FOR ELEVATION | |
| FINISH NUM | ROOM NAME AND FINISH NUMBER | | BUILDING SECTION TARGET | |
| ROOM | | | | |
| NAME | | | SIM 1 SIM | |
| | 101A 150 SF | | 101 AE101 | |
| FLOOR ELEVATION | | | | |
| FLOOR ELEVATION | | WALL SECT | ION TARGET | |
| DETAIL TARGET | | AE | SIM 101 | |
| | | | - | |

| ABBRE | VIATIONS |
|--------------|-----------------------------|
| .B. | ANCHOR BOLTS |
| .C.T. | ACOUSTICAL CEILING TILE |
| .F.F. | ABOVE FINISH FLOOR |
| LUM. | ALUMINUM |
| PPROX. | APPROXIMATELY |
| .F.F | BELOW FINISH FLOOR |
| RK | BRICK |
| RG. | BEARING POINT |
| .l. | CAST IRON |
| .J. | CONTROL JOINT |
| .M.U. | CONCRETE MASONRY UNIT |
| .0. | CLEAN OUT |
| ONC. | CONCRETE |
| GA | DENSE GRADE AGGRAGATE |
| .S. | DOWNSPOUL |
| IFS | |
| .W.C. | ELECTRIC WATER COOLER |
| XP.JT. VT | |
| ΛI. Γ | |
| .D. E.C | |
| .L.O. F | FINISH FLOOR |
| R P | FIBERGLASS REINFORCED POLYE |
| TG | FOOTING |
| x | HOLLOW METAL DOOR FRAME TYP |
| A. | GAUGE |
| .C. | GENERAL CONTRACTOR |
| RD. | GRADE |
| .W.B. | GYPSUM WALL BOARD |
| | |

| CIVIL | | | STRUCTURAL | | |
|--------------|---------------------------|---------------|--------------|----------------------------|---------------|
| SHEET NUMBER | SHEET TITLE | Revision Date | SHEET NUMBER | SHEET TITLE | Revision Date |
| CD-100 | DEMOLITION PLAN | | S-1 | STRUCTURAL DEMOLITION PLAN | |
| CG-100 | GRADING AND DRAINAGE PLAN | | S-2 | STRUCTURAL FOUNDATION PLAN | |
| CS-100 | DIMENSION CONTROL PLAN | | S-3 | STRUCTURAL FRAMING PLAN | |
| CX-100 | SITE DETAILS | | S-4 | STRUCTURAL DETAILS | |
| CX-101 | SITE DETAILS | | S-5 | STRUCTURAL DETAILS | |
| LP-100 | LANDSCAPE PLAN | | | · | |

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| GENERAL | | | |
|---------------|---------------------------|---------------|--|
| SHEET NUMBER | SHEET TITLE | Revision Date | |
| G.000 | COVER SHEET AND INDEX | | |
| G.001 | CODE SUMMARY | | |
| G.101 | LIFE SAFETY PLAN | | |
| ARCHITECTURAL | | | |
| SHEET NUMBER | SHEET TITLE | Revision Date | |
| A.001 | ARCHITECTURAL SITE PLAN | | |
| A.010 | DEMOLITION PLAN | | |
| A.101 | FLOOR PLAN | | |
| A.201 | BUILDING ELEVATIONS | | |
| A.300 | ROOF PLAN | | |
| A.400 | WALL SECTIONS | | |
| A.600 | DOOR SCHEDULE AND DETAILS | | |

| SHEET NUMBER | |
|--------------|----|
| M-1 | ME |
| M-2 | ME |
| M-3 | ME |
| | • |
| | |

| SHEET NUMBER | |
|--------------|----|
| E-001 | EL |
| E-002 | EL |
| E-100 | EL |
| E-200 | EL |
| E-300 | EL |
| E-400 | EL |
| | |





1529 South Mint St. CHARLOTTE, NORTH CAROLINA

| MECHANICAL | |
|---------------------------|---------------|
| SHEET TITLE | Revision Date |
| HANICAL NOTES AND LEGENDS | |
| HANICAL DEMOLITION PLAN | |
| HANICAL DETAILS | |
| | |
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| PLUMBING | | | |
|--------------|---------------------------------------|---------------|--|
| SHEET NUMBER | SHEET TITLE | Revision Date | |
| P-100 | PLUMBING NOTES, LEGEND, AND SCHEDULES | | |
| P-200 | PLUMBING DEMOLITION PLAN | | |
| P-300 | PLUMBING FLOOR PLAN | | |
| P-400 | PLUMBING RISERS AND DIAGRAMS | | |

| ELECTRICAL | |
|-----------------------------------|---------------|
| SHEET TITLE | Revision Date |
| TRICAL SPECIFICATIONS AND SYMBOLS | |
| TRICAL SCHEDULE AND COMCHEK | |
| TRICAL DEMOLITION PLAN | |
| TRICAL FLOOR PLAN | |
| TRICAL DETAILS | |
| TRICAL PANELS AND RISERS | |
| | |





CONSULTANT:







| WALL RATING LEGEND | LIFE SAFETY LEGEND | | |
|---|--|--|--|
| NON RATED PARTITION 1 HOUR RATED PARTITION 2 HOUR RATED PARTITION | LENGTH OF TRAVEL TO EXIT 99' LENGTH OF COMMON PATH 99' OF TRAVEL | | |
| SEE PARTITION TYPES ON SHEET G2.01 | 30 P ACTUAL OCCUPANY EXIT 34" 165 PROVIDED EXIT CAPACITY PROVIDED EXIT WIDTH | | |
| | Assembly 15N 300 SF OCCUPANCY TAG 21 OCC. | | |
| | FEC FIRE EXTINGUISHER CABINET FE FIRE EXTINGUISHER | | |



CONSULTANT:





2018 APPENDIX B

BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES) (Reproduce the following data on the building plans sheet 1 or 2)

| ress: <u>1529</u> er/Authori | zed Agent: St. | Stephen Overcash | Phone # (704 |)4621615 | E-1 | Mail sovercash | @oda.us.com |
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| ied By: Pri | vate | 2 20 20 10 | | | | | |
| e Enforcem | ent Jurisdict | ion: <u>City: Charl</u> | otte | | | | |
| NTACT: | March 1 Across | | | | | | |
| GNER nitectural | FIRM Overcash D | emmitt Architects | NAME Stephen Overcash | LICENSE # 3876 | TELEPHONE (704)332-16 | # E-MAIL | n@oda.us.com |
| l trical | Bloc-NC Civ | ril Engineers | Nick Vesely Ryan Caya | 032770 | (704)940-28 (704)266-094 | 383 nvesely@ 42 Ryan@c2 | bloc-nc.com 2e.solutions |
| Alarm | N/A C2 Enginee | ering Solutions | Jeff Christian | 28931 | (704)266-094 | 42 Jeff@c2e | e solutions |
| hanical | C2 Enginee | ring Solutions | Jeff Christian | 28931 | (704)266-094 | 42 Jeff@c2e | e.solutions |
| ctural | BAB Structur | al Engineering Pl | LLC Blaine Barfield | 00000 | (704) 507-40 | 014 bbarfield | @babstruct.co |
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SPACE

N/A

N/A

N/A

N/A

N/A

_N/A _

N/A

N/A

N/A

N/A

EXIST.

EXIST.

EXIST.

EXIST.

N/A

N/A

2018 NC Administrative Code and Policies

N/A

N/A

2 HR

2 HR

2 HR

2 HR

N/A

N/A

N/A

N/A

>30'

>30'

>30'

>30'

N/A

N/A

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2 HR

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2 HR

N/A

N/A

N/A

N/A

EXIST.

EXIST.

EXIST.

EXIST.

N/A

N/A

N/A

N/A

EXIST.

EXIST.

EXIST.

EXIST.

N/A

N/A

ring Walls

Exterior

North

East

West

South

Nonbearing Walls and

Interior

Partitions Exterior wa

| East West South Interior walls and partitions Floor Construction Including supporting beams | N/A N/A N/A N/A | | | |
|--|--------------------------|----|-----|--|
| West South Interior walls and partitions Floor Construction Including supporting beams | N/A N/A N/A | | | |
| South Interior walls and partitions Floor Construction Including supporting beams | N/A N/A N/A | | | |
| Interior walls and partitions Floor Construction Including supporting beams | N/A N/A | | | |
| Floor Construction Including supporting beams | N/A | | (C) | |
| and joists | | | | |
| Floor Ceiling Assembly | N/A | j. | | |
| Columns Supporting Floors | N/A | | | |
| Roof Construction, including supporting beams and joists | N/A | | | |
| Roof Ceiling Assembly | N/A |) | | |
| Columns Supporting Roof | N/A | | | |
| Shaft Enclosures - Exit | N/A | | | |
| Shaft Enclosures - Other | N/A | | | |
| Corridor Separation | N/A | | | |
| Occupancy/Fire Barrier Separation | N/A |) | | |
| Party/Fire Wall Separation | N/A | | | |
| Smoke Barrier Separation | N/A | | | |
| Smoke Partition | N/A | | | |
| Tenant/Dwelling Unit/ Sleeping Unit Separation | N/A | | | |
| Incidental Use Separation | N/A | | | |

* Indicate section number permitting reduction

| | PERCENTAGE OF WA | ALL OPENING CALCULA | TIONS |
|--|---|-----------------------|------------------------------|
| FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES | DEGREE OF OPENINGS PROTECTION (TABLE 705.8) | ALLOWABLE AREA (%) | ACTUAL SHOWN ON PLANS (%) |
| N/A EXIST. | N/A EXIST. | N/A EXIST. | N/A EXIST. |
| | | | |
| | | 2 | |

LIFE SAFETY SYSTEM REQUIREMENTS

| Emergency Lighting: | Yes |
|----------------------------|-----|
| Exit Signs: | Yes |
| Fire Alarm: | No |
| Smoke Detection Systems: | No |
| Carbon Monoxide Detection: | No |

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: _____G.101

Fire and/or smoke rated wall locations (Chapter 7)

Assumed and real property line locations (if not on the site plan)

Exterior wall opening area with respect to distance to assumed property lines (705.8) X Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2) X Occupant loads for each area

X Exit access travel distances (1017)

X Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))

Dead end lengths (1020.4) X Clear exit widths for each exit door

X Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3) Actual occupant load for each exit door

A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for

purposes of occupancy separation

Location of doors with panic hardware (1010.1.10) Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)

Location of doors with electromagnetic egress locks (1010.1.9.9)

Location of doors equipped with hold-open devices

Location of emergency escape windows (1030)

The square footage of each fire area (202)

The square footage of each smoke compartment for Occupancy Classification I-2 (407.5) Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107)

| | | (DE) | | | | | |
|---------------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------------------------|--|
| Accessible Units Required | Accessible Units Provided | TYPE A Units Required | TYPE A Units Provided | TYPE B Units Required | TYPE B UNITS PROVIDED | TOTAL ACCESSIBLE UNITS PROVIDED | |
| | 3 - | | | 1 | | | |

ACCESSIBLE PARKING (SECTION 1106)

| LOT OR PARKING | TOTAL # OF PA | ARKING SPACES | # OF ACC | TOTAL # | | | |
|----------------|--|---------------|-------------------------|----------------------|------------------------------|----------|------------|
| AREA | REQUIRED PROVIDED REGULAR WITH VAN SPACE | | AR WITH VAN SPACES WITH | | REGULAR WITH VAN SPACES WITH | | ACCESSIBLE |
| | | | 5' ACCESS AISLE | 132" ACCESS AISLE | 8' ACCESS AISLE | PROVIDED | |
| EXIST. | 8 | 8 | 1 | N/A | 1 | 1 | |
| TOTAL | | | | | Ĵ | | |

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

| | W | ATERCLOSI | ETS | URINALS | LAVATORIES | | ALS LAVATORIES | | SHOWERS | DRINKING | FOUNTAINS |
|--------|------|-----------|--------|---------|------------|--------|----------------|-------|---------|------------|-----------|
| | MALE | FEMALE | UNISEX | | MALE | FEMALE | UNISEX | /TUBS | REGULAR | ACCESSIBLE | |
| (IST'G | 1 | 1 | N/A | N/A | 1 | 1 | N/A | N/A | 1 | 1 | |
| EW | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| EQ'D | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

2018 NC Administrative Code and Policies

| ENERGY REQUIREMENTS: The following data shall be considered minimur also be provided. Each Designer shall furnish th If performance method, state the annual energy proposed design. | n and any e required cost for the |
|---|---|
| Existing building envelope complies with cod | e: No |
| Exempt Building: No Provide code or | statutory r |
| Climate Zone:4A | |
| Method of Compliance: Perscriptive (If "Other" sp | pecify sour |
| THERMAL ENVELOPE (Prescriptive method | d only) |
| Roof/ceiling Assembly (each assembly | /) |
| Description of assembly: U-Value of total assembly: | 4" min. |
| R-Value of insulation: | R-30min. |
| U-Value of skylight: total square footage of skylight | its in each |
| Exterior Walls (each assembly) | |
| Description of assembly: | EXISTING |
| U-Value of total assembly: R-Value of insulation: | R-19 |
| Openings (windows or doors | with glazir |
| Solar heat gain coeff | icient: |
| projection factor: Door R-Values: | E |
| Walls below grade (each assembly) | |
| Description of assembly: U-Value of total assembly: | EXISTING |
| R-Value of insulation: | 3 . |
| Floors over unconditioned space (eac | h assembl |
| Description of assembly: U-Value of total assembly: R-Value of insulation: | 2 <u></u> |
| Floors slab on grade | 8 |
| Description of assembly: | EXISTING |
| U-Value of total assembly: R-Value of insulation: | 3 |
| Horizontal/vertical requirements slab heated: | nt: |
| | |
| | |
| | |
| BIN DING CODE SUMMA | 18 API |
| BUILDING CODE SUMMA | RI FU |
| DESIGN LOADS | STRUCTU |
| Importance Factors: Wind (I | w) Selec |
| Snow (I Seismic (I | s) <u>Selec</u> E) <u>Selec</u> |
| Live Loads: | |
| RE | |
| Ground Sn | |
| Wind Load | JC |
| | |
| Provide the following Seismic Desi Occupancy Category | |
| Spectral Response Ac | R |
| Site Classification (AS | |
| Basic structural system Analysis Procedure: | C 7 |
| LATERAL DESIGN CONTROL: EARTHQU | AKE |
| SOIL REAPING CAPACITIES. | |
| N/A EXISTING pile size, type, and capacity | sf |
| | |







ODA Project No. 173256

90% CONSTRUCTION DOCUMENT SET 12/03/2019 REVISIONS No. Date Description

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CODE SUMMARY



12/2/2019 1:05:12 P









CONSULTANT:











14. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL DEMOLISHED MATERIALS FROM JOB SITE, UNLESS NOTED OTHERWISE.

CHANGE OR AFFECT THE CONTRACTOR'S RESPONSIBILITY IN THIS MATTER. DEFLECTION OF EXISTING TO BE LIMITED TO 1/8" IN ORDER TO MAINTAIN INTEGRITY OF STURACTURE. 2. SEE FLOOR PLAN, INTERIOR ELEVATION, AND EQUIPMENT PLANS FOR ANY ADDITIONAL DEMOLITION NOTES. 3. DEMOLITION NOTES ARE GENERAL FOR SPECIFIC AREAS AND MAYNOT COVER ALL DEMOLITION. GENERAL CONTRCTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION, WHETHER IT IS INDICATED OR NOT, TO COMPLETE ALL NEW CONSTRUCTION. JURISDICTION IN THIS AREA.

4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE AND REPORT ANY DISCREPANCY TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. 5. ALL WORK SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL CODES AND REGULATORY AGENCIES HAVING 6. ARCHITECTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH HEATING, VENTILATING, PLUMBING, ELECTRICAL, ANDMECHANICAL DRAWINGS AND SPECIFICATIONS, AND THESE DRAWINGS SHALL BE

REFERRED TO FOR SIZE AND LOCATION OF OPENINGS,

VENTS, PIPES, INSERTS, BOXES, AND HANGERS, ETC. 7. ALL SECTIONS, DETAILS, MATERIAL, METHOD, ETC. SHOWN

AND/OR NOTED ON ANY PLAN OR SECTION SHALL APPLY TO ALL OTHER SIMILAR LOCATIONS UNLESS NOTED OTHERWISE.

8. CONTRACTOR SHALL DISCONNECT, REMOVE AND STORE ALL EQUIPMENT THAT IS IN THE WAY OF NEW CONSTRUCTION.

AND HE WILLREINSTALL EQUIPMENT AT THE COMPLETION OF

9. CONTRACTOR SHALL MAINTAIN ALL ITEMS REMOVED IN 10. CONTRACTOR SHALL REMOVE EXISTING FANS, DUCTWORK,

EXISTING CONDITION AND OWNER SHALL ADVISE CONTRACTOR AS TO THEIR DISPOSITION.

CONSTRUCTION.

SCHEDULED FOR REUSE. 11. CONTRACTOR SHALL USE EXTREME CAUTION IN

CONDUIT, PIPING AND ALL EXISTING EQUIPMENT ITEMS NOT DEMOLITION OF EXISTING CONSTRUCTION. ANY ITEM

STRUCTURAL IN NATURE AND SCHEDULED FOR DEMOLITION IN THIS DRAWING BUT NOT IDENTIFIED AS STRUCTURAL IN

NATURE SHALL BE VERIFIED WITH THE ARCHITECT PRIOR TO

DEMOLITION. BY FAILURE TO DO SO, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR THE CONSEQUENCES

OF SUCH ACTION. 12. CONTRACTOR SHALL THOROUGHLY CLEAN ALL EXISTING SCUM AS REQUIRED FOR ANYNEW FINISHES.

FLOOR AND WALL SURFACES OF DIRT, GREASE, OIL, AND 13. DURING DEMOLITION, DO NOT REMOVE MATERIALS THAT PROVIDE FIRE PROTECTION FOR THE STRUCTURAL AND MATERIAL ELEMENTS OF THE BUILDING SYSTEM THAT WILL

REMAIN.

DEMOLITION NOTES: 1. THE CONTRACTOR SHALL SHORE AND/OR UNDERPIN EXISTING WORK AS REQUIRED TO SAFELY INSTALL NEW WORK. THIS WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO ACT, DIRECTION, OR REVIEW OF ANY SYSTEM OR METHOD BY THE ARCHITECT SHALL



CONSULTANT:





1 FLOOR PLAN



| | | | | | | DOOR | SCHEDULE - I | BUILDING | | |
|------|----------|----------|------|----------|--------|------|--------------|----------|--------|----|
| | | | DOOR | | | | FRAME | | FIRE | |
| | | SIZE | TYPE | | | TYPE | | | RATING | НМ |
| MARK | W | Н | ELEV | MATERIAL | FINISH | ELEV | MATERIAL | FINISH | LABEL | 1 |
| | | | | | | | | | 1 | |
| DR1 | 6' - 0" | 6' - 10" | | | | | | | | |
| DR3 | 2' - 10" | 6' - 10" | | | | | | | | |
| DR5 | 0" | 0" | | | | | | | | |
| DR6 | 0" | 0" | | | | | | | | |
| DR7 | 0" | 0" | | | | | | | | |
| DR8 | 0" | 0" | | | | | | | | |
| DR9 | 0" | 0" | | | | | | | | |
| DR10 | 0" | 0" | | | | | | | | |
| DR11 | 0" | 0" | | | | | | | | |
| DR12 | 10' - 0" | 12' - 0" | | | | | | | | |
| DR13 | 10' - 0" | 12' - 0" | | | | | | | | |
| DR15 | 3' - 0" | 7' - 0" | | | | | | | | |
| DR17 | 6' - 0" | 7' - 0" | | | | | | | | |
| | | | | | | | | | | _ |

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





CONSULTANT:























CONSULTANT:



BUILDING ELEVATIONS









CONSULTANT:





STEEL STRUCTURE OF AWNING TO BE FIREPROOFED WITH INTUMESCENT PAINT-----

3 AWNING DETAIL









CONSULTANT:





| PLUMBING GENERAL NOTES | PLUMBING ABBREVIATIONS | DRAINA |
|--|---|---|
| PLUMBING GENERAL NOTES GENERAL REQUIREMENTS: GENERAL AND SPECIAL CONDITIONS: GENERAL AND SPECIAL CONDITIONS ARE HEREBY MADE AN INTEGRAL PART OF THIS DIVISION OF THE SPECIFICATIONS INSOFAR AS SAME ARE APPLICABLE TO THE WORK UNDER THIS DIVISION AND UNLESS OTHERWISE SPECIFIED. SCOPE: PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK. CODE COMPLIANCE: ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF ALL AUTHORTITES HAVING JURISDICTION, BUILDING DEPARTMENTS, AND DEPARTMENT OF HEALTH. APPLICABLE NATIONAL, STATE, AND LOCAL CODES, LAWS, AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK SHALL BE INCORPORATED INTO AND MADE A PART OF THESE CONTRACT DOCUMENTS AND SPECIFICATIONS. THE CONTRACTOR IS TO NOTIFY THE ARCHITECT/ENGINEER OF ANY WORK ON MATERIALS WHICH VIOLATE ANY OF THE ABOVE CODES, LAWS, OR REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH A VIOLATION SHALL BE CORRECTED AT THE CONTRACTOR CAUSING SUCH A VIOLATION SHALL BE CORRECTED AT THE CONTRACTOR CAUSING SUCH A VIOLATION SHALL BE CORRECTED AT THE CONTRACTOR CAUSING SUCH A VIOLATION SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE AND AT NO EXPENSE TO THE OWNER. PERMITS: APPLY FOR AND PAY FOR ALL NECESSARY PERMITS, FEES, AND INSPECTIONS REQUIRED BY ANY PUBLIC AUTHORITY HAVING JURISDICTION. WARRANTY: PROVIDE ALL MATERIALS AND EQUIPMENT UNDER THIS SECTION OF THE SPECIFICATIONS WITH A ONE YEAR WARRANTY FROM THE DATE OF ACCEPTANCE OF WORK BY THE OWNER. COORDINATION: VERIFY ALL ROUGH-IN LOCATIONS AND COORDINATE PIPING AND | AFF ABOVE FINISHED FLOOR AHAP AS HIGH AS POSSIBLE BLDG BUILDING BLW BELOW CLG CEILING CONN CONNECT OR CONNECTION CONT CONTINUATION DN DOWN E.C. ELECTRICAL CONTRACTOR ETR EXISTING TO REMAIN EX, EXIST, (E) EXISTING FFE FINISHED FLOOR GC. GENERAL CONTRACTOR FLR FLOOR G.C. GENERAL CONTRACTOR HD HUB DRAIN GW GREASE WASTE M.C. MECHANICAL CONTRACTOR P.C. PLUMBING CONTRACTOR SF, SQ FT SQUARE FOOT T&P TRAP PRIMER TVP TVP | DRAINA UNLESS OTHERWIS ZURN, JOSAM, WADI WCO-WALL CLEANOU JAY R. SMITH FIG. ROUND FRAME AND FCO-CONCRETE FLO JAY R. SMITH FIG. ADJUSTABLE ROUND FCO-TILE FLOORS JAY R. SMITH FIG. ADJUSTABLE ROUND SPEEDI-SET OUTLET YCO-EXTERIOR PAVI JAY R. SMITH FIG. GASKET SEAL THREA YCO-EXTERIOR UNS JAY R. SMITH FIG. GASKET SEAL THREA FLUSH WITH SURFACE |
| EQUIPMENT LOCATIONS WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID CONFLICTS. CONTRACTOR MUST COORDINATE WITH OTHER TRADES FOR ALL STRUCTURES, PIPING, CONDUIT, DUCTWORK, LIGHTING, ETC TO PROPERLY BE INSTALLED. ANY CONFLICTS SHALL BE RESOLVED AT NO EXPENSE TO THE OWNER. COORDINATE INSTALLATION OF ALL PLUMBING PIPING AT CMU WALLS SO THAT THE PIPING IS PLACED IN WALL DURING CMU WALL CONSTRUCTION. CUTTING AND PATCHING OF CMU WALLS IN PLACE WILL NOT BE PERMITTED. 7. FIELD VERIFICATION: FIELD VERIFY EXISTING CONDITIONS BEFORE STARTING CONSTRUCTION AND NOTIFY THE ARCHITECT/ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS, AND/OR ANY POTENTIAL PROBLEMS OBSERVED, BEFORE CONTINUING WORK IN THE | VTR VENT THROUGH ROOF W WASTE PLUMBING LEGEND DOMESTIC COLD WATER PIPING (CW) DOMESTIC HOT WATER PIPING (110') | AND TRAP PRIMER FS – FLOOR SINK. DEBRIS SCREEN. LAVATORY-WALL HU JAY R. SMITH #700 TP-"A"-AUTOMATIC PPP PRIME-RITE SE AS REQUIRED. |
| AFFÉCTED AREAS. 8. PLUMBING SYSTEMS INCLUDE, BUT ARE NOT LIMITED TO: -PLUMBING FIXTURES AND EQUIPMENT -FIRE STOPPING -DOMESTIC WATER SYSTEM -SANITARY WASTE AND VENT SYSTEM <u>FIXTURES:</u> | | WATER HAMMER ARF P.P.P. SYSTEM RATE UPRIGHT POSITION / STATIONS, AND OT AND SIZE AS INDIC/ IN ACCORDANCE WIT |
| PROVIDE COMPLETE FIXTURES AND INCLODE SUPPLIES, STOPS, VALVES, FAUCETS, DRAINS, TRAPS, TAILPIECES, ESCUTCHEONS, ETC. EXPOSED COPPER OR BRASS MATERIALS SHALL BE CHROME PLATED. PROVIDE PERMANENTLY ATTACHED VACUUM BREAKERS FOR ALL FIXTURES TO WHICH HOSES MAY BE CONNECTED. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF PLUMBING FIXTURES. | →oF→→ BALL VALVE → PRESSURE REDUCING VALVE → FLOOR CLEAN OUT (FCO) ■ FLOOR DRAIN (FD) ■ FLOOR SINK | IF APPROVED BY OWN WHERE INSTALLED PEI |
| 1. FIRE STOP ALL PENETRATIONS, BY PIPING OR CONDUITS, OF FIRE RATED WALLS, FLOORS, AND PARTITIONS. PROVIDE DEVICE(S) OR SYSTEM(S) WHICH HAS BEEN TESTED AND LISTED AS COMPLYING WITH ASTM E-814 AND INSTALL IN ACCORDANCE WITH THE CONDITIONS OF THEIR LISTING. PROVIDE DEVICE(S) OR SYSTEM(S) WITH AN 'F' RATING EQUAL TO THE RATING OF THE ASSEMBLY BEING PENETRATED. | GRADE CLEAN OUT (GCO) → OR → PIPE DOWN → OR → PIPE DOWN +→ WALL CLEAN OUT (WCO) PI LIMPINIC CENERAL NOTE | |
| DOMESTIC WALER PIPING: 1. FURNISH AND INSTALL A COMPLETE SYSTEM OF DOMESTIC HOT AND COLD WATER FROM EXISTING SUPPLIES TO ALL FIXTURES AND/OR EQUIPMENT REQUIRING DOMESTIC WATER SUPPLIES. VERIFY LOCATION OF BEGINNING POINTS. 2. DOMESTIC WATER PIPING: ASTM B 88 TYPE 'L' HARD COPPER TUBE WITH WROT COPPER FITTINGS, AND SOLDERED OR PRESSURE-SEALED JOINTS. 3. STERILIZE DOMESTIC WATER PIPING IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION'S SPECIFICATIONS AND LOCAL HEALTH DEPARTMENT REGULATIONS. 4. INSULATE DOMESTIC WATER PIPING ABOVE GRADE (EXCEPT EXPOSED CONNECTIONS TO PLUMBING FIXTURES) WITH ENGINEERED POLYMER FOAM INSULATION, OR FIBERGLASS WITH FITTING INSERTS AND PVC COVERS. FOLLOW THIS SCHEDULE: SERVICE PIPE_SIZE INS. THICKNESS DOMESTIC HOT WATER ALL 1/2" DOMESTIC HOT WATER ALL 1/2" DOMESTIC WATER PIPING INSULATION, JACKETS, COVERINGS, SEALERS, MASTICS, AND ADHESIVES SHALL NOT EXCEED A FLAME SPREAD RATING OF 25 AND A SMOKE DEVELOPED RATING OF 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84. 6. ALL PIPE INSULATION SHALL RUN CONTINUOUSLY THROUGH FLOORS, WALLS, AND PARTITIONS. 7. SHUT-OFF VALVES SHALL BE FULL PORT, BALL TYPE. PROVIDE SHUT-OFF VALVES ON ALL BRANCH PIPING SERVING TWO OR MORE FIXTURES, AND WHERE INDICATED ON THE DRAWINGS. INSTALL VALVES IN A LOCATION THAT PERMITS ACCESS FOR SERVICE AND OPERATION WITHOUT DAMAGE TO THE BUILDING OF FINISHED MATERIALS. PROVIDE ACCESS DORS IF REQUIRED. 8. PROVIDE DRAIN VALVES IN THE DOMESTIC CONTACT WITH DISSIMILAR METALS. ALL HANGERS, SUPPORTS, ANCHORS, AND CLIPS SHALL BE COPPER OR COPPER-PLATED. WHERE COPPER PIPING AGAINST CONTACT WITH DISSIMILAR METALS. ALL HANGERS, SUPPORTS, ANCHORS, AND CLIPS SHALL BE COPPER OR COPPER-P | PLUMBING GENERAL NOTE SANITARY SOIL, WASTE. AND VENT PIPING: 1. FURNISH AND INSTALL COMPLETE SYSTEMS OF SOIL, WASTE, AN FROM ALL PLUMBING FIXTURES AND/OR EQUIPMENT REQUIRING W CONNECTIONS. ALL SOIL, WASTE, AND VENT PIPING SHALL BE CONDUCTIONS. ALL SOIL, WASTE, AND VENT PIPING SHALL BE CONDUCTIONS. ALL SOIL, WASTE, AND VENT PIPING SHALL BE CONDUCTIONS; AND SHIELDED, STAINLESS STEEL COUPLINGS. 3. INVERT ELEVATIONS SHALL BE ESTABLISHED AND VERIFIED BEFIS INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAIN PIPING 2–1/2" AND SMALLER AT 1/4" PER FOOT MINIMUM, AND 3" AND LARGER AT 1/8" PER FOOT MINIMUM. WHERE SANITARY PIPING IS EXPOSED IN TOILET ROOMS, PROVIDERASS PIPING WITH MATCHING STOPS AND ESCUTCHEONS. PROVIDERASS PIPING WITH MATCHING STOPS AND ESCUTCHEONS. PROVIDENTS IN A LOCATION THAT PERMITS ACCESS FOOD DAMAGE TO THE BUILDING OR FINISHED MATERIALS. CLEANOUT PINSTALLED IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS. IN HORIZONTAL PIPING NOT MORE THAN 100 FEET APART, AT THE AND WASTE STACKS, AND FOR EVERY FOUR 45" CHANGES LOCATE SWEEP IS EQUIVALENT TO TWO 45" BENDS). WATER HAMMER ARRESTER REQUIREMENTS: PROVIDE WATER HAMMER ARRESTERS CONFORMING TO PDINSTALLED PER MANUFACTURER'S SPECIFICATIONS, WHERE QUICK UTILIZED. A QUICK CLOSING VALVE IS A VALVE OR FAUCET THAT WHEN RELEASED, OR THAT IS CONTROLLED BY MECHANICAL MEAN CLOSING. REFER TO WATER HAMMER ARRESTER SCHEDULE. AS A MINIMUM, PROVIDE ONE WATER HAMMER ARRESTER FOR EACH TOILET ROOM. | S CONT. ND VENT PIPING ASTE AND VENT ONCEALED IN THE IRON SOIL PIPIE AND ORE SANITARY PIPING ED. SLOPE SANITARY SLOPE SANITARY PIPING IDE CHROME-PLATED IDE REMOVABLE TRAPS R SERVICE WITHOUT PUGS SHALL BE PROVIDE CLEANOUTS E BASE OF ALL SOIL ED IN SERIES (A LONG WH201 OR ASSE 1010, CLOSING VALVES ARE CLOSES AUTOMATICALLY IS FOR FAST-ACTION R EACH BRANCH LINE TO |
| PIPING IS SLEEVED THROUGH MASONRY, PROVIDE COPPER OR RED BRASS SLEEVES. WHERE COPPER PIPING IS CONCEALED IN OR AGAINST MASONRY PARTITIONS, PROVIDE A HEAVY COATING OF ASPHALTIC ENAMEL ON THE COPPER PIPING AND 15# ASPHALT—SATURATED FELT BETWEEN THE PIPING AND THE MASONRY PARTITION. | 1. PROPERLY SUPPORT AND BRACE VERTICALLY AND HORIZON APPARATUS, EQUIPMENT, ETC IN ACCORDANCE WITH APPLICABLE (EXCESSIVE MOVEMENT DURING SEISMIC CONDITIONS. | TALLY ALL PIPING, CODES TO PREVENT |

| RAINAGE PRODUCTS/SPECIALTIES SS OTHERWISE INDICATED NUMBERS ARE JAY R. SMITH. APPROVED EQUAL PRODUCTS: JOSAM, WADE, WATTS AND PRECISION PLUMBING PRODUCTS WALL CLEANOUT - FINISHED AREAS . SMITH FIG. 4436 C.I. FERRULE FOR NO HUB OR SERVICE WEIGHT PIPE, NICKEL BRONZE D FRAME AND COVER WITH SECURING SCREWS. SONCRETE FLOORS . SMITH FIG. 4220 C.I. CLEANOUT WITH CASKET SEAL THREADED PLUG FOR EASY REMOVAL TABLE ROUND CAST IRON TOP WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION. ILE FLOORS . SMITH FIG. 4151 C.I. CLEANOUT WITH CASKET SEAL THREADED PLUG FOR EASY REMOVAL TABLE ROUND CAST IRON TOP WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION. ILE FLOORS . SMITH FIG. 4151 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL TABLE ROUND NICKEL BRONZE TOP RECESSED FOR TILE WITH SECURING SCREW, I-SET OUTLET CONNECTION. EXTERIOR PAVED/CONCRETE AREAS . SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, T SEAL THREADED PLUG, V.P. SCREWS IN COVER. EXTERIOR UNSURFACED AREAS . SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, T SEAL THREADED PLUG, V.P. SCREWS IN COVER. EXTERIOR UNSURFACED AREAS . SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, T SEAL THREADED PLUG, V.P. SCREWS IN COVER. FLOOR DRAINS-GENERAL/RESTROOMS JAY R. SMITH FIG. 2005-B6 SERIES C.I. FLOOR WITH SURFACE. FLOOR SINK. CAST IRON 12X12 SIOUX CHIEF 861 SERIES WITH HALF GRATE AND MESH S SCREEN. XMITH #700 FOR MASONRY WALLS AND #700-M31 FOR METAL STUD WALLS. "AUTOMATIC TRAP PRIMER "RIME-RITE SERIES AUTOMATIC TRAP P | |
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| WALL CLEANOUT - FINISHED AREAS . SMITH FIG. 4436 C.I. FERRULE FOR NO HUB OR SERVICE WEIGHT PIPE, NICKEL BRONZE) FRAME AND COVER WITH SECURING SCREWS. CONCRETE FLOORS . SMITH FIG. 4220 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL TABLE ROUND CAST IRON TOP WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION. ILE FLOORS . SMITH FIG. 4151 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL TABLE ROUND NICKEL BRONZE TOP RECESSED FOR TILE WITH SECURING SCREW, I-SET OUTLET CONNECTION. EXTERIOR PAVED/CONCRETE AREAS . SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, T SEAL THREADED PLUG, V.P. SCREWS IN COVER. EXTERIOR UNSURFACED AREAS . SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, T SEAL THREADED PLUG, V.P. SCREWS IN COVER. PROVIDE 24" x 12" CONCRETE PAD WITH SURFACE. FLOOR DRAINS-GENERAL/RESTROOMS JAY R. SMITH FIG. 2005-B6 SERIES C.I. FLOOR WITH 6" DUAMETER SQUARE NICKEL BRONZE STRAINER, SPEEDI-SET OUTLET CONNECTION RAP PRIMER CONNECTION. FLOOR SINK. CAST IRON 12X12 SIOUX CHIEF 861 SERIES WITH HALF GRATE AND MESH S SCREEN. IPAY-WALL HUNG SUPPORT . SMITH #700 FOR MASONRY WALLS AND #700-M31 FOR METAL STUD WALLS. "-AUTOMATIC TRAP PRIMER "AUTOMATIC TRAP PRIMER "AUTOMATIC TRAP PRIMER NEMMER ARRESTORS SYSTEM RATED PLUS SERIES COPPER WATER HAMMER ARRESTORS. INSTALL IN AN TT POSITION AT ALL FLUSH VALVES, WASHING MACHINE SUPPLIES, DISHWASHERS, PRV NS, AND OTHER QUICK CLOSING VALVES, SOLENDIS AND PLUMBING STRUESS. LOCATE IZZ AS INDICATED ON DRAWINGS. WHERE NOT SHOWN ON DRAWINGS, LOCATE AND SIZE DORDANCE WITH PD STANDARD WH-201. | ESS OTHERWISE INDICATED NUMBERS ARE JAY R. SMITH. APPROVED EQUAL PRODUCTS: , JOSAM, WADE, WATTS AND PRECISION PLUMBING PRODUCTS |
| CONCRETE FLOORS . SMITH FIG. 4220 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, TABLE ROUND CAST IRON TOP WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION. ILE FLOORS . SMITH FIG. 4151 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, TABLE ROUND NICKEL BRONZE TOP RECESSED FOR TILE WITH SECURING SCREW, I-SET OUTLET CONNECTION. EXTERIOR PAVED/CONCRETE AREAS . SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, T SEAL THREADED PLUG, V.P. SCREWS IN COVER. EXTERIOR UNSURFACED AREAS . SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, T SEAL THREADED PLUG, V.P. SCREWS IN COVER. PROVIDE 24" x 12" CONCRETE PAD WITH SURFACE. FLOOR DRAINS-GENERAL/RESTROOMS JAY R. SMITH FIG. 2005-B6 SERIES C.I. FLOOR WITH 6" DIAMETER SQUARE NICKEL BRONZE STRAINER, SPEEDI-SET OUTLET CONNECTION RAP PRIMER CONNECTION. FLOOR SINK. CAST IRON 12X12 SIOUX CHIEF 861 SERIES WITH HALF GRATE AND MESH S SCREEN.)RY-WALL HUNG SUPPORT . SMITH #700 FOR MASONRY WALLS AND #700-M31 FOR METAL STUD WALLS. "-AUTOMATIC TRAP PRIMER 'RIME-RITE SERIES AUTOMATIC TRAP PRIMER WITH MULTIPLE OUTLET DISTRIBUTION UNITS QUIRED. HAMMER ARRESTORS SYSTEM RATED PLUS SERIES COPPER WATER HAMMER ARRESTORS. INSTALL IN AN 4T POSITION AT ALL FLUSH VALVES, WASHING MACHINE SUPPLIES, DISHWASHERS, PRV NS, AND OTHER QUICK CLOSING VALVES, SOLENOIDS AND PLUMBING FIXTURES. LOCATE IZZ AS INDICATED ON DRAWINGS. WHERE NOT SHOWN ON DRAWINGS, LOCATE AND SIZE CORDANCE WITH PDI STANDARD WH-201. | WALL CLEANOUT – FINISHED AREAS R. SMITH FIG. 4436 C.I. FERRULE FOR NO HUB OR SERVICE WEIGHT PIPE, NICKEL BRONZE D FRAME AND COVER WITH SECURING SCREWS. |
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CONTRACTOR SHALL COORDINATE BETWEEN OWNER TIONS IN CONTRACT WITH GENERAL CONTRACTOR.

VED BY OWNER, PVC AND CPVC ARE ACCEPTABLE INSTALLED PER CODE.



1 FLOOR CLEAN OUT DETAIL P1.0 NOT TO SCALE

IT Ι.

ASSE 1010, LVES ARE TOMATICALLY -ACTION

NICKEL BRONZE COVER

VARIES ____



1529 South Mint Street

Charlotte, NC

173256 PROGRESS SET

10/16/2019

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GENERAL NOTE: CONTRACTOR SHALL COORDINATE VAPOR MITIGATION SYSTEM WITH HART & HICKMAN DRAWINGS. ALL UNDERSLAB PIPING, RISERS, AND PRESSURE MONITORING POINT LOCATIONS SHALL BE COORDINATED AND INSTALLED PER HART & HICKMAN DRAWINGS.

| 1 | START INVE WILL MEET |
|---|--------------------------|
| 2 | PROVIDE 4' CAP STUB |
| 3 | 4" WASTE " EXISTING S |
| 4 | 2" Domest Continuati |
| 5 | MOUNT UNIT |

PLUMBING KEY NOTES

VERT OF WASTE PIPE AT MINUS 2'-0". VERIFY SLOPE OF NEW WASTE PIPE T THE EXISTING SANITARY SEWER LOCATED IN STREET.

4" WASTE STUB OUTS BELOW FLOOR FOR FUTURE CONNECTION POINTS. 3 OUTS AIR AND WATER TIGHT.

E TO SANITARY SEWER IN STREET. VERIFY IN FILED FOR INVERT OF SANITARY SEWER AND CONNECTION POINT.

ESTIC WATER LINE BELOW GRADE. REFER TO CIVIL PLANS FOR JATION TO WATER METER AND BACKFLOW PREVENTER.

MOUNT UNIT SHUT OFF VALVE ALONG WALL 1'-0" ABOVE FINISHED FLOOR. RELOCATE UNIT SHUT OFF VALVE IF REQUIRED IN FUTURE MECHANICAL ROOM JANITORS CLOSET WITH PROPER CLEARANCES FOR EASE OF MAINTENANCE AND PER NORTH CAROLINA PLUMBING CODE AND AUTHORITY HAVING JURISDICTION.



1529 South Mint Street

Charlotte, NC 173256

PROGRESS SET

10/16/2019

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PLUMBING PLANS



| | GENERAL ELECTRICAL NOTES | | | ELECTRICAL S |
|------------|---|---|------------------------|--|
| 1. | ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2017 EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES. | | | ELECTRICAL CONNECTION TO AP |
| 2. | ALL MATERIAL, EQUIPMENT & APPLIANCES SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC., AND THE NATIONAL MANUFACTURERS | | | ELECTRICAL CONDUIT HOMERUN ELECTRICAL CONDUIT RUN IN O |
| 3. | ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR. | | 0 | JUNCTION BOX CEILING OR FLO |
| 4. | DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS (EXCEPT AS NOTED). | | ات ا | STUB 3/4" EMPTY CONDUIT TO THERMOSTAT WALL MOUNTED AT |
| 5. | ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR A MINIMUM OF ONE YEAR. THE ONE YEAR WARRANTY IS TO CORRESPOND WITH THE GENERAL CONTRACTOR'S ONE YEAR WARRANTY WITH THE OWNER & BUYERS. | | \$ \$ ₃ | SINGLE POLE SWITCH, 20A, 120 3-WAY SWITCH, 20A, 120/277 |
| 6. | ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED. | | \$4 | 4-WAY SWITCH, 20A, 120/277 |
| 7. | A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS. | | \$ _F \$u | PADDLE FAN SPEED CONTROL S 125V, 20A SINGLE PHASE MANU |
| 8. | ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. | | \$ ₀ | WALL SWITCH OCCUPANCY SENS |
| 9. | ALL WIRING REQUIRED BY CODE TO BE IN CONDUIT SHALL BE INSTALLED IN RC, IMC, EMT OR PVC CONDUIT (AS ALLOWED BY CODE). | | ٥ | DUAL TECHNOLOGY OCCUPANCY |
| | | | ÷ | DUPLEX RECEPTACLE, 20 AMP, FAULT CIRCUIT INTERRUPTING. " ABOVE COUNTERTOP BACKSPLAS |
| 10. | CONDUCTORS SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS. MINIMUM SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL WIRE #8 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID, UNLESS | | | DUPLEX RECEPTACLE, 20 AMP, COVERPLATE. |
| | OTHERWISE NOTED. | | € | 208V–1ø, 30A DRYER OUTLET OUTLET. |
| 11. | BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE THHN OR THWN AS REQUIRED. | | - | DUPLEX GFI RECEPTACLE MOUN |
| 12. | PROVIDE A PULL WIRE IN ALL EMPTY CONDUITS. | | Ø | POWER POLE FROM FLOOR TO (4) DATA OUTLETS AT 18" AFF |
| 1. | AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS. | | | |
| 14. | SWITCHES, WHITE LETTERS ON BLACK BACKGROUND. | | | CONDUIT TURNED DOWN, AS VIEWE |
| 15. | FUSES 0 - 600 AMPS SHALL BE UL CLASS "RK-1" LOW PEAK DUAL ELEMENT TIME DELAY WITH 200,000 AMPERE INTERRUPTING RATING AS MANUFACTURED BY BUSS. UNLESS NOTED OTHERWISE | | ♥ _{WH−1} | INDICATES KITCHEN EQUIPMENT SHEET FOR ELECTRICAL CONNE SERVED BY CONNECTION AS ID |
| 16. | VERIFY ALL REQUIREMENTS AND COORDINATE EXACT LOCATION OF INCOMING ELECTRICAL SERVICE WITH LOCAL POWER COMPANY PRIOR TO PROJECT START UP. NOTIFY ENGINEER OF ANY CHANGES. | | HTV | CABLE TELEVISION OUTLET, COC CATV CABINET. PROVIDE DUPLE |
| 17. | ROOM TO CONNECTION POINT AS DIRECTED BY LOCAL TELEPHONE COMPANY. | | - | DUPLEX RECEPTACLE CONTROLL |
| 18. | ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC. SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (CU/AL) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED. ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC. SHALL BE IDENTIFIED FOR USE WITH 75°C RATED CONDUCTORS. | | V w | TELEPHONE/DATA OUTLET, +18 4'-8" |
| 19. | THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.). | | 60/3/FPN | HEAVY DUTY FUSIBLE/NON-FUS PROVIDE NEMA 1 ENCLOSURE I LOCATED OUTSIDE. FPN = FUSI |
| 20. | PENETRATIONS OF REQUIRED SMOKE PARTITIONS SHALL BE SEALED USING METHODS APPROVED UNDER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL | | X | MOTOR STARTER. |
| | CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS SMOKE STOPPING IS ACCOMPLISHED. | | | PANELBOARD, SURFACE OR REC |
| 21. | WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE-RESISTIVE WALL, FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL, TELEPHONE, TELEVISION, OR LOCAL | | 2 | MOTOR OUTLET. SEE PLANS FO |
| | COMMUNICATION AND/OR SIGNALING CIRCUITS, THE OPENING AROUND THE RACEWAY SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED. USE U.L. APPROVED ASSEMBLIES | | | 2' X 4' FLUORESCENT LIGHTING SURFACE MOUNTED FLUORESCEI |
| 22. | OF APPROPRIATE TYPE AND RATING ONLY (SEE A2.0 FOR ASSEMBLIES). IN REQUIRED FIRE RATED WALLS AND PARTITIONS, OPENINGS FOR INSTALLATION OF | | • | 1' X 4" FLUORESCENT LIGHTING |
| | BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY U.L. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THE INTEGRITY OF THE LLL RATING IS MAINTAINED | | <u>P 4</u> | CEILING MOUNTED TRACK LIGHT |
| 23. | WHERE A HOME RUN IS SHOWN THE CIRCUIT SHALL BE INSTALLED IN A DEDICATED CONDUIT, | | Ý | WALL MOUNTED LIGHTING FIXTU |
| | DO NOT COMBINE WITH OTHER CIRCUITS. WHERE A CIRCUIT HOMERUN IS NOT SHOWN THE CONTRACTOR SHALL COMBINE CIRCUITS AS FOLLOWS: | | ¢ | CEILING MOUNTED LIGHTING FIX |
| | A MAXIMUM OF THREE 20A BRANCH CIRCUITS OF DIFFERENT PHASES MAY BE COMBINED IN A COMMON HOMERUN SHARING A COMMON NEUTRAL OR WITH SEPARATE NEUTRALS, A TOTAL OF SIX CURRENT CARRYING CONDUCTORS MAXIMUM. | | \$ | DUCT SMOKE DETECTOR. PROV WIRED BY DIVISION 16. |
| | ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOMERUN TO THE PANEL. ALL HOME RUNS IN EXCESS OF 100' SHALL BE INCREASED ONE WIRE SIZE FROM THAT SHOWN FOR THE CIRCUIT, #10 AWG MINIMUM. | | FACP | FIRE ALARM CONTROL PANEL, SEI |
| 24. | ALL EXIT SIGNS SHALL BE CIRCUITED TO AN UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT. | | | FIRE ALARM SYSTEM ANNUNCIATOR |
| 25. | LOWER CASE LETTER(S) INDICATES SWITCHING DESIGNATION. UPPER CASE LETTER(S) INDICATES FIXTURE TYPE. NUMBER INDICATES CIRCUIT. WHERE DUAL SWITCHING IS DESIGNATED CONTROL ONE | | E M⊲ | FIRE ALARM SYSTEM MANUAL PUL FIRE ALARM SYSTEM ALARM INDIC/ |
| | LAMP OF TWO LAMP FIXTURES AND THE CENTER LAMP(S) OF THREE AND FOUR LAMP FIXTURES TO ONE SWITCH, AND THE REMAINING LAMPS TO THE SECOND SWITCH. CIRCUIT NUMBERS, FIXTURE DESIGNATION AND SWITCHING ARE DESIGNATED AS FOLLOWS, FIXTURE SWITCHING AND CIRCUITING | | E∎ | HORN SHALL BE 70dBA AT 10'-C FIRE ALARM SYSTEM ALARM INDIC HORN SHALL BE 85dBA AT 10'-C |
| 26 | ARE TYPICAL FOR ALL LIGHT FIXTURES. | | ি ব | FIRE ALARM SYSTEM ALARM INDIC STROBE SHALL BE 15cd U.O.N. |
| 20. 27. | SPACING AND LOCATION OF RECEPTACLES, SHALL AT A MINIMUM, BE IN ACCORDANCE WITH IBC AND NEC REQUIREMENTS FOR DWELLING UNITS. PLANS ARE FOR GENERAL ARRANGEMENT ONLY. | | 3 | FIRE ALARM SYSTEM SMOKE DETE OTHERWISE NOTED. SUBSCRIPT "F ELEVATOR RECALL FUNCTIONS. SU |
| | | | | FIRE ALARM SYSTEM DUCT MOUN |
| | | | HD | FIRE ALARM SYSTEM HEAT DETEC |
| | | 1 | | WISE NUIED. |

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RICAL SYMBOL SCHEDULE

NECTION TO APPLIANCE OR EQUIPMENT. NUIT HOMERUN TO BRANCH PANELBOARD. NDUIT RUN IN OR BELOW FLOOR SLAB. CEILING OR FLOOR MOUNTED

WALL MOUNTED AT HEIGHT INDICATED ON DRAWINGS. PTY CONDUIT TO ACCESSIBLE CEILING. ALL MOUNTED AT 48" AFF.

WITCH, 20A, 120/277 VOLT, +48" A.F.F. TO CENTER. 20A, 120/277 VOLT, +48" A.F.F. TO CENTER. 20A, 120/277 VOLT, +48" A.F.F. TO CENTER.

PEED CONTROL SWITCH. 120V, 1LP RATED. LE PHASE MANUAL MOTOR STARTER WITH OVERLOADS

CCUPANCY SENSOR, +48"AFF. DGY OCCUPANCY SENSOR, +48 AFF.

ACLE, 20 AMP, 125 VOLT, +18" A.F.F. TO CENTER. "G" INDICATES GROUND NTERRUPTING. "WP" INDICATES WEATHERPROOF. "C" INDICATES MOUNTED 6" RTOP BACKSPLASH.

ACLE, 20 AMP, 125 VOLT, FLUSH FLOOR MOUNTED WITH CHROME DRYER OUTLET OR 208V-10, 50A RANGE/OVEN CEPTACLE MOUNTED ABOVE COUNTER BACKSPLASH OR AT HEIGHT INDICATED.

ROM FLOOR TO CEILING. PROVIDE (2) DUPLEX AND ETS AT 18" AFF FOR EACH POWER POLE.

D UP, AS VIEWED FROM LOAD.

D DOWN, AS VIEWED FROM LOAD. EN EQUIPMENT CONNECTION. SEE EQUIPMENT CONNECTION SCHEDULE CTRICAL CONNECTION INFORMATION. TEXT INDICATES EQUIPMENT BEING NNECTION AS IDENTIFIED ON KITCHEN DRAWINGS AND SPECIFICATIONS. N OUTLET, COORDINATE HEIGHT WITH OWNER. PROVIDE RG-58 CABLE TO

PROVIDE DUPLEX RECEPTACLE ADJACENT TO TELEVISION. COORDINATE HEIGHT ACLE CONTROLLED BY SWITCH INDICATED. UPPER HALF OF RECEPTACLE IS

R HALF OF RECEPTACLE IS UNSWITCHED. A OUTLET, +18"AFF TO CENTER "W" INDICATES WALL MOUNTED AT SIBLE/NON-FUSIBLE DISCONNECT SWITCH, NUMBERS INDICATE AMP RATING.

1 ENCLOSURE INSIDE. PROVIDE NEMA 3 ENCLOSURE FOR ALL SWITCHES E. FPN = FUSE PER NAMEPLATE, NF = NON FUSED.

URFACE OR RECESS MOUNTED, SEE SCHEDULE FOR DETAILS. SEE PLANS FOR SIZE.

ESCENT LIGHTING FIXTURE, SEE FIXTURE SCHEDULE FOR DETAILS.

TED FLUORESCENT STRIP. SEE FIXTURE SCHEDULE FOR DETAILS.

ESCENT LIGHTING FIXTURE, SEE FIXTURE SCHEDULE FOR DETAILS. TRACK LIGHTING FIXTURE, SEE SCHEDULE FOR DETAILS.

LIGHTING FIXTURE, SEE FIXTURE SCHEDULE FOR DETAILS.

D LIGHTING FIXTURE, SEE FIXTURE SCHEDULE FOR DETAILS.

TECTOR. PROVIDED DIV 16, INSTALLED BY DIV 15,

ROL PANEL, SEMI-FLUSH MOUNTED. M ANNUNCIATOR PANEL, MH = +4'-0''.

M MANUAL PULL STATION, MH = +4'-0''. EM ALARM INDICATING DEVICE, MINI-HORN/STROBE, MH = $+84^{\circ}$. 70dBA AT 10'-0" MINIMUM, STROBE SHALL BE 15cd U.O.N.

EM ALARM INDICATING DEVICE, HORN/STROBE, MH = +84". 85dBA AT 10'-0" MINIMUM. STROBE SHALL BE 15cd U.O.N. M ALARM INDICATING DEVICE, STROBE, $MH = +84^{"}$.

EM SMOKE DETECTOR, CEILING MOUNTED, UNLESS D. SUBSCRIPT "R" INDICATES DEVICE SHALL BE USED FOR FUNCTIONS. SUBSCRIPT "R" INDICATES DEVICE SHALL BE DR RECALL FUNCTIONS.

EM DUCT MOUNTED SMOKE DETECTOR. PROVIDED BY E.C., AND WIRED BY E.C.

EM HEAT DETECTOR, 135° RATE-OF-RISE, UNLESS OTHER-

FIRE ALARM SYSTEM CARBON MONOXIDE DETECTOR. TAMPER SWITCH, CONNECTED INTO FIRE ALARM SYSTEM. SEE FIRE ALARM RISER.

FLOW SWITCH, CONNECTED INTO FIRE ALARM SYSTEM. SEE FIRE ALARM RISER.

ALL SYMBOLS MAY NOT APPEAR ON THE DRAWINGS.

| | | LIG | HTING | FIXTUF | RE SCHI | EDI | JLE | | | | | | | | | | | | ר ר | | | |
|----------|--|-------------------------------|-------|------------|-----------|--------|----------|--------------------|--------|-----------|-------------|------|----------|-------|--------|-----------------|--------------|-------|----------------------|--------|-----------|------|
| 100 512 | | CATALOG | L | AMP | | | | E | BALLAS | т | FIX | TUR | E | | | | | | | | | |
| MARN | MANUFACTURER | NUMBER | NO. | TYPE | VOLTAG | SE IVI | OUNTING | NC |). 1 | TYPE | WA | TTS | <u>,</u> | NOTES | | | | | | | | |
| а. - | | | | | | | | - | | | | | - | | | | | | | | | |
| A | SELECTION BY OWNER | EXTERIOR WALL LIGHT FIXTURES | LED | | 120 | S | URFACE | 1 | E | ELEC | | 20 | COC | RDI | NATE M | ITG. HG | T. / OW | NER | _ | | | |
| | | | | | | | | | | | | | | - | | | | | | | חו | |
| EL | ECTRICAL AB | BREVIATIONS | | | | | PANE | | | | | | | | MOUN | TUNO | | | | | | |
| | | | | | PHASE V | | MCE | 3 (A) | M | 100 (A |) | | AIC | | NOUN | | MAN | IUFA(| S. MDL | # | DWGRE | Γ |
| 18" | DIMENSION INDICATES HEIG | SHT ABOVE FINISHED FLOOR AT | 12 | 0/200 | TYPE | | GEND |) | 1 | 100 | | | ZZN | | SURF | RE | MARKS | - | 1770) 10 | | - | |
| | WHICH CENTER OF DEVICE | . IS TO BE MOUNTED. | Ĺ | LIGHTI | VG | | K | KI TCHE | EN EQ | P | ROVI | DE E | QUIPM | IENT | GROU | ND BUS | | | | | | |
| AFF | ABOVE FINISHED FLOOR | | R | RECEP | TACLES | | Е | EXIST | NG | P | ROVIE | DE F | EED TH | HRU | AND/O | RSUBF | EED L | UGS I | FOR MUL | TI-SEC | CTION PAI | NELS |
| AFG | ABOVE FINISHED GRADE. | | M | MECH | EQUIP | | 0 | OTHER | 2 | - | | | | - | | | | | | | | |
| EC | ELECTRICAL CONTRACTOR | | # | ITE | M | ц | ц ц | .in | CKT. E | | OAD | В | | CK | T. BRK | .in | Щ | ш | | ITEM | | # |
| FPN | FUSE PER EQUIPMENT NAI | MEPLATE REQUIREMENTS. | ¥ – | SER | VED | | VIP 1 | NC | | | (VA) | H | (VA) | | TOID | NC | NIN I | Ľ | S | ERVE | D | X |
| CC | | | 0 | Miner and | | - | - | ŏ | ТКГР | Р | | Ω. | · · | Р | IRIP | ŏ | - | 74.4 | -2021 | | | |
| 60 | GENERAL CONTRACTOR | | 1 | EXTERIO | R LIGHTS | L | . #12 | 3/4" | 20A | 1 | 500 | A | 900 | 1 | 20A | 3/4" | #12 | L | EX TERI | DR RE | CEPTS. | 2 |
| GFI | INDICATES RECEPTACLE TO | HAVE GROUND FAULT PROTECTION. | 3 | SP/ SD/ | | - | - | | 20A | 1 | | В | 1200 | 1 | 20A | 3/4" | #12 | M | BACKEL | | | 4 |
| мс | MECHANICAL CONTRACTOR | | 7 | SP/ | ARE | - | | | 20A | 1 | | A | 1200 | 2 | 20A | - 04 | πIV | - | S | PARE | | 8 |
| PC | PLUMBING CONTRACTOR | | 9 | SPA | ARE | 12 | | | 20A | 1 | | В | | | | | | 1.5 | 367 | - | | 10 |
| WD | | | 11 | SPA | ARE | - | 2 | - | 20A | 1 | | С | 0 | 1 | 20A | | | 12 | 5 | PARE | | 12 |
| | | e WEATHERFOOF COVER. | 13 | | | | - | | | 0.00 0.00 | | A | 0 | 1 | 20A | | | - | 5 | PARE | | 14 |
| U.N.U. | | | 15 | | | | - | - | | | 0 | В | 0 | 1 | | | - | - | | | | 10 |
| | | | 19 | | - | | | 1 | | | 0 | A | 0 | 1 | | | | - | | - | | 20 |
| CH | COUNTER HEIGHT | | 21 | | - | - | | | | | 0 | В | 0 | 1 | | | | - | | - | | 22 |
| NL | NIGHT LIGHT | | 23 | | | - | - | | | | 0 | Ċ | 0 | 1 | | | | | | | | 24 |
| FTR | FXISTING TO REMAIN | | | | | | | _ | | | | | | | | | | | | | | |
| EX | FXISTING | | | | | | A | 200 | 1200 | 10 | | | | | | | | | | | | |
| RLD | RELOCATED | | ~ | ONNECTE | D LOAD (V | ~) | 1400 | 200 | 1200 | 20 | 500 | | | | | | | | | | | |
| | | | | | LOAD | SUE | BLOADS (| VA) | CONN | SIZ | ING | SI | ZING | | | NOTES | | | | | | |
| | | | TYPE | | (VA) | PNL | PNL | PNL | LD(VA) |) FAC | TOR | LOA | D (VA) | | | * 1ST 1 | okva (| 🤉 100 | %, <mark>REMA</mark> | INING | @ 50% | |
| | | | LIGHT | ING | 1400 | - | - | 1- | 1400 | 12 | 5% | 1 | 750 | | | ** SIZE | FAC. I | N AC | CORDAN | CE WI | TH NEC 2 | 20.5 |
| PER 2018 | B NCECC | | RECE | | 1200 | | - | - | 1200 | 10 | × // 00/ | 4 | 200 | - | | - | | | | | | |
| INTERIOR | LIGHTING: | | KITCH | | 0 | - | - | - | 0 | 10 | 0% | | 0 | ** | | | | | | | | |
| NOT APPL | ICABLE | | # OF | TCH EQ | 0 | - | - | - | 0 | | | | - | | | | | | | | | |
| | | | EXIST | ING | 0 | - | L. | | 0 | 12 | 5% | | 0 | | | - | | | | | | |
| EXTERIOR | LIGHTING: | | OTHE | 2 | 200 | | | | 200 | 10 | 0% | 2 | 200 | | | Ling by Consell | 2 | | | | | |
| THERE IS | 450 SF OF ILLUMINATED AR | EA OF FACADE WALL. | | | CON | | TED TOT | AL (VA) | 2800 | | | 3 | 150 | SIZ | ING TO | TAL (VA | .) . (A.) | _ | | | | |
| ALLOWED | WATTAGE = 0.15 W/SF = 6 PPTEMENTAL ATTOWANCE OF 5 | 7.5 WATTS | | | CONNE | | | ΑΓΥ (Α) ΔΕ (ΜΑ) | 3150 | | | 8 | 0.14 | SIZ | NGAM | PACITY | (A) | | | | | |
| TOTAL WA | TTAGE ALLOWED = 817.5 WA | TTS. | | | DE | MAN | D AMPAC | TY (A) | 8.74 | | | | | | | | | | | | | |

TOTAL WATTAGE SPECIFIED = (9) TYPE A * 20 WATTS = 600 WATTS SPECIFIED.

| TIN | G FIX | UR | E SC | HE | DU | LE | | | | | | | | | | | | | | | | |
|------|-----------|-----------|-------|------|-----|--------|---------------|---------|-----|---------------------------|----------|--------------|-------|---------|----------|---------|-----------|------|--------|--------|---------------|-------------|
| | LAMP | | | | | | E | BALLAS | Т | FIX | TUF | RE | | | IOTES | | | | | | | |
| NO. | TY | PE | VULI | AGE | | | NO | . Т | YPI | E W/ | ATT | S | | 2 | UTES | | | | | | | |
| | | | | | | | | | | _ | | | | | | | | | | | | |
| LED | 1 | | 120 | 0 | SU | IRFACE | 1 | E | LE(| | 20 | COC | RD | INATE N | ATG. HG | T. / OW | NEF | 2 | | | | |
| | - | | | | | | - | | | - | | - | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | 1 | | | |
| | | | | | F | PANE | ELBO | DAR | D | SCH | IE | DUL | E | | | | | | | HF |) | |
| | VOLTAGE | P | HASE | WIE | Æ | MCE | 8 (A) | M | 0 | (A) | | ALC | 14 54 | MOUI | NTING | MAN | UFA | C. | MDL# | DV | /G RE | F |
| | 120 / 208 | 3 | 3 | 4 | | (|) | (| 100 |) | | 22K | | SUR | FACE | | - | | - | | - | |
| | | 82 | TY | PEL | EGE | END | | | | | | | | | RE | MARKS | | | ÷) | | | |
| I | L UG | SHTING | 3 | | | K | KITCHE | N EQ | | PROVID | DE F | EQUIPN | 1EN | T GROU | ND BUS | 1 | | | | | | |
| | R RE | CEPT/ | ACLES | | | E | EXISTI | NG | _ | PROVID | DE I | FEED T | HRU | J AND/C | OR SUB F | EED LU | JGS | FOR | MULTI- | SECTIC | <u>)N PAI</u> | NELS |
| | M ME | CHE | QUIP | | - | 0 | OTHER | | | - | | | - | | | | | | | | | |
| # | | ITEN | Λ | | ш | Щ | D | CKT. B | RK | | Ш S | | Ck | T. BRK | In | щ | ш | | IT. | EM | | # |
| X | | SERV | ED. | | Ľ | NIF | NO | | | (VA) | H | (VA) | _ | - | NC | MIF | ž | | SEE | VED | | Ϋ́ |
| 0 | | | | | | - | ö | IRIP | Р | 1 | ٩ | 1 | Р | IRIP | ö | - | / | | | | | 0 |
| 1 | EXTE | RIOR | LIGHT | S | L | #12 | 3/4" | 20A | 1 | 500 | A | 900 | 1 | 20A | 3/4" | #12 | L | EX | TERIOR | RECE | PTS. | 2 |
| 3 | 1. | SPAF | RE | | - | | | 20A | 1 | | В | 200 | 1 | 20A | 3/4" | #12 | 0 | BURG | TEL | CAB | | 4 |
| 5 | | SPAF | RE | | - | | | 20A | 1 | | C | 1200 | 1 | 20A | 3/4" | #10 | M | BA | CKFLO | W HEA | TER | 6 |
| (| | SPA | | | - | | | 20A | 1 | - | A | | 2 | 20A | - | e | - | | SP | ARE | | 8 |
| 9 | | SPAR | | | - | | | 204 | 4 | | D | 0 | 4 | 20.4 | | | | | eD. | | | 10 |
| 13 | | SPAR | KC. | | - | | | ZUA | | | Δ | 0 | 1 | 20A | | | - | | SP/ | | | 14 |
| 15 | | | | | - | | 1. | | | 1 | B | 0 | 1 | 20/1 | | | 100 | | 017 | - | | 16 |
| 17 | | - | | | - | | | | - | 0 | C | 0 | 1 | | | | - | | | _ | | 18 |
| 19 | | 177 | | | - | | | | | 0 | A | 0 | 1 | | | | - | | | - | | 20 |
| 21 | | - | | | - | | | | | 0 | В | 0 | 1 | | | | - | | | - | | 22 |
| 23 | | - | | | - | | | | | 0 | С | 0 | 1 | | | | - | | | - | | 24 |
| | | | | | _ | | | | | Concession and the second | | | | 1 | | | | | | | | _ |
| | 0.010 | OTED | 1010 | | _ | A | В | C | | | _ | | | | | | | | - | | | |
| | CONNE | CIED | LOAD | (VA) | | 1400 | 200 | 1200 | | 2800 | _ | | | | | | | | | | | |
| | | | | S | UBI | OADS (| VA) | CONN | S | | S | IZING | 1 | | NOTES | | | | | | | |
| TYP | ۱۰۰۰ ۴ | | (VA) | PN | I | PNI | PNI | I D(VA) | E/ | ACTOR | 10 | | | | * 1ST 1 | OKVA @ | 0 10 | 0% F | REMAIN | NG@ | 50% | - |
| LIG | HTING | | 1400 | - | - | - | - | 1400 | | 125% | <u> </u> | 1750 | | | ** SIZE | FAC. IN | AC | COF | DANCE | WITH | NEC 2 | 20.56 |
| REC | CEPTACL | ES | 0 | - | | - | - | 0 | | * | | 0 | | | | | | | | | | |
| MEC | CH EQUIF |) | 1200 | - | 5 | 1 | 8- | 1200 | 1 | 100% | 1 | 1200 | | | | | | | | | | |
| KIT | CHEN EQ | | 0 | 1 | | - | | 0 | | 100% | | 0 | ** | | | | | | | | | |
| # Of | F KITCH I | EQ | 0 | - | 5 | - | - | 0 | | 100 march 100 million | | | | | | | | | | | | |
| EXI | STING | | 0 | - | | - | - | 0 | 3 | 125% | ┝ | 0 | - | | | | | | | 1 | | 1 |
| OIF | IER | | 200 | | OT | | - | 200 | | 100% | \vdash | 200 | CI. | ZINC TO | TAL AVA | v | | | | | | |
| | | | CON | | | | | 2000 | - | | | 9100 9.74 | 01/ | | | (A) | | | - | | | - |
| | | - | CON | | MA | ND TOT | | 3150 | - | | | 0.14 | 01/ | | ACTI | (A) | | | | | | |
| | | | Γ | DEM/ | | AMPAC | | 8 74 | - | | + | | | | | | | | - | | | - |







E1.0 NO SCALE



WITH PANEL AND BREAKERS.

4. EC SHALL PROVIDE CAPABILITY FOR (2) FUTURE 400 AMP METERS AND (3) 200 AMP METERS.

3 SERVICE GROUNDING DETAIL

E1.0 N.T.S GROUNDING ELECTRODES SHALL BE PROVIDED IN ACCORDANCE WITH NEC 250-C.

| FEEDER SCHEDULE | | | | | | | |
|--|-------------------|--|--------|--|--|--|--|
| STD. FUSE OR C/B TRIP SIZE | # OF SETS | Building wire — Quantity & Size Type Thhn — Dry, Thwn — Wet Equipment ground | EMT | | | | |
| 30 | 1 | 4 #10, #10 G | 1/2" | | | | |
| 35 | 1 | 4 #8, #10 G | 3/4" | | | | |
| 40 | 1 | 4 #8, #10 G | 3/4" | | | | |
| 45 | 1 | 4 #6, #10 G | 1" | | | | |
| 50 | 1 | 4 #6, #10 G | 1" | | | | |
| 60 | 1 | 4 #6, #10 G | 1" | | | | |
| 70 | 1 | 4 #4, #8 G | 1 1/4" | | | | |
| 80 | 1 | 4 #3, #8 G | 1 1/4" | | | | |
| 90 | 1 | 4 #2, #8 G | 1 1/4" | | | | |
| | 1 | 4 #2, #8 G | 1 1/4" | | | | |
| (110) | 1 | 4 #1, #6 G | 1 1/2" | | | | |
| 125 | 1 | 4 #1/0, #6 G | 2" | | | | |
| 150 | 1 | 4 #1/0, #6 G | 2" | | | | |
| 175 | 1 | 4 #2/0, #6 G | 2" | | | | |
| 200 | 1 | 4 #3/0, #6 G | 2" | | | | |
| 225 | 1 | 4 #4/0, #4 G | 2 1/2" | | | | |
| 250 | 1 | 4 – 250MCM, #4 G | 2 1/2" | | | | |
| 300 | 1 | 4 – 350MCM, #4 G | 3" | | | | |
| 350 | 2 | 4 #2/0, #3 G | 2" | | | | |
| 400 | 2 | 4 #3/0, #2 G | 2" | | | | |
| 450 | 2 | 4 #4/0, #2 G | 2 1/2" | | | | |
| 500 | 2 | 4 – 250MCM, #2 G | 2 1/2" | | | | |
| 600 | 2 | 4 – 350MCM, #1 G | 3" | | | | |
| 700 | 2 | 4 - 500MCM, #1/0 G | 3 1/2" | | | | |
| 800 | 2 | 4 - 500MCM, #1/0 G | 3" | | | | |
| (1000 | 3 | 4 – 400MCM, #2/0 G | 3" | | | | |
| (1200) | 4 | 4 – 350MCM, #3/0 G | 3" | | | | |
| 1600 | 5 | 4 – 400MCM, #4/0 G | 3" | | | | |
| NOTES: ALL FEEDER SIZES LISTED MAY NOT BE USED IN PROJECT RISER DIAGRAM. ELECTRICAL CONTRACTOR TO VERIFY CONDUIT SIZE REQUIRED IF WIRE TYPES OTHER THAN THOSE LISTED ABOVE ARE USED. REFER TO SPECIFICATION SECTION 16110 AND LATEST EDITION OF NFPA 70 FOR CONDUIT TYPES REQUIRED PER LOCATION OF USE. IE CONDUIT OTHER THAN 'EMT' IS REQUIRED PASE RID ON | | | | | | | |
| 4. FEEDER SI | je size Zes sh | ABUVE THAT INDICATED. OWN IN PROJECT RISER WITH A DELT | A | | | | |

SYMBOL ' Δ ', 3 WIRE FEEDERS, A NEUTRAL WIRE IS NOT REQUIRED.



1529 South Mint Street

Charlotte, NC 173256 PROGRESS SET

10/16/2019

| REVISIONS | | | | | | |
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| No. | Description | Date | | | | |
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| $\overline{1}$ | ELECTRICAL PLAN | |
|----------------|-----------------|--|
| E1.1 | 1/8" = 1'-0" | |

G E N E R A 1. COORDINAT ARCHITECTI 2. ALL EXTERI(PHOTOCELL K E Y E D (1) PROVIDE (1) POWER AND FOR TELE/CA W/ OWNER P

| AL NOTES: |
|--|
| ATE MOUNTING HEIGHTS OF ALL FIXTURES WITH CTURAL ELEVATIONS. |
| RIOR LIGHTING SHALL BE CONTROLLED BY LL ON AND TIMECLOCK OFF. |
| NOTES: |
| (1) 4" CONDUIT STUBBED UP W/ PULL STRING FOR ND (1) 2" CONDUIT STUBBED UP W/ PULL STRING /CATV/DATA. COORDINATE LOCATION OF STUB-UPS R PRIOR TO ROUGH-IN. |



1529 South Mint Street

Charlotte, NC

173256 PROGRESS SET

10/16/2019

| REVISIONS | | | | | | |
|-----------|-------------|------|--|--|--|--|
| No. | Description | Date | | | | |
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ELECTRICAL PLANS

| MATERIAL LEGEND | | | | | | | | | |
|-----------------|-------------------|--|--|--|--|--|--|--|--|
| | BATT INSULATION | | ROUGH WOOD (CONTINUOUS) | | | | | | |
| | BRICK (IN PLAN) | | ROUGH WOOD (NON- CONTINUOUS) | | | | | | |
| | BRICK (ELEVATION) | | STEEL | | | | | | |
| 24 | CONCRETE | | CUT STONE | | | | | | |
| | CMU (IN PLAN) | | RIGID INSULATION | | | | | | |
| | FINISHED WOOD | | EARTH | | | | | | |
| ECKECKE | GRANULAR FILL | | GYPSUM, SHEATHING, SAND, OR PLASTER | | | | | | |
| | PLYWOOD | | | | | | | | |

VICINITY MAP



| SYMBOLS LEGEND | | | |
|--|--|-----------|---|
| col | COLUMN/REFERENCE GRID IDENTIFICATION | (101A) | DOOR NUMBER |
| (W01) | WINDOW SYMBOL TAG | \bullet | BEARING / FLOOR ELEVATION |
| | INTERIOR WALL TYPE | | FINISH TAG |
| ? | KEYNOTE TAG | | TOILET ACCESSORY TAG |
| × | DEMO TAG | | |
| MATCH LINE INDICATION SIM - OH - TYP - ROOM NAM FINISH NUM | IS | ELEVATION | TARGET 1 Ref DIRECTION ELEVATION IS TO BE VIEWED (TYP.) 101 1 SHEET NUMBER FOR ELEVATION ECTION TARGET SIM 1 SIM SIM 1 SIM 1 SIM SIM SIM SIM SIM SIM SIM SIM SIM SIM SIM SIM SIM SIM SIM SIM |
| FLOOR ELE | TSO SF VATION FLOOR ELEVATION X' - 0" CGET AE101 SIM | WALL SECT | ION TARGET |

| ABBRE | VIATIONS |
|--------------|----------------------------|
| A.B. | ANCHOR BOLTS |
| A.C.T. | ACOUSTICAL CEILING TILE |
| A.F.F. | ABOVE FINISH FLOOR |
| ALUM. | ALUMINUM |
| APPROX. | APPROXIMATELY |
| B.F.F | BELOW FINISH FLOOR |
| BRK | BRICK |
| BRG. | BEARING POINT |
| | CASTIRON |
| C.J. | |
| С.М.О. | |
| | |
| CONC. | |
| | |
| D.S. FIFS | EXTERIOR INSULA TION AND F |
| EWC | ELECTRIC WATER COOLER |
| EXP.IT | EXPANSION JOINT |
| EXT. | EXTERIOR |
| F.D. | FLOOR DRAIN |
| F.E.C. | FIRE EXTIGUISHER CABINET |
| F.F. | FINISH FLOOR |
| F.R.P. | FIBERGLASS REINFORCED PC |
| FTG. | FOOTING |
| f-x | HOLLOW METAL DOOR FRAME |
| GA. | GAUGE |
| G.C. | GENERAL CONTRACTOR |
| GRD. | GRADE |
| G.W.B. | GYPSUM WALL BOARD |

| | CIVIL | | |
|--------------|-------------------------|---------------|---------|
| SHEET NUMBER | SHEET TITLE | Revision Date | SHEET N |
| CD-100 | DEMOLITION PLAN | | S.0 |
| CG-100 | GRADING & DRAINAGE PLAN | | S.0 |
| CS-100 | DIMENSION CONTROL PLAN | | S.0 |
| CS-101 | SITE PARKING LAYOUT | | S.0 |
| CX-100 | SITE DETAILS | | |
| CX-101 | SITE DETAILS | | |
| CX-102 | SITE DETAILS | | |
| LP-100 | LANDSCAPE PLAN | | |

| | STRUCTURAL | |
|--------------|----------------------------|---------------|
| SHEET NUMBER | SHEET TITLE | Revision Date |
| S.001 | STRUCTURAL DEMOLITION PLAN | |
| S.002 | STRUCTURAL FOUNDATION PLAN | |
| S.003 | STRUCTURAL FRAMING PLAN | |
| S.004 | STRUCTURAL DETAILS | |









| GENERAL | | |
|--------------|-----------------------|---------------|
| SHEET NUMBER | SHEET TITLE | Revision Date |
| G.000 | COVER SHEET AND INDEX | |
| G.001 | CODE SUMMARY | |
| G.101 | LIFE SAFETY PLAN | |
| | | |
| | | |
| | | |

| ARCHITECTURAL | | | |
|---------------|-------------------------|---------------|--|
| SHEET NUMBER | SHEET TITLE | Revision Date | |
| A.001 | ARCHITECTURAL SITE PLAN | | |
| A.010 | DEMOLITION PLAN | | |
| A.101 | FLOOR PLAN | | |
| A.201 | BUILDING ELEVATIONS | | |
| A.301 | ROOF PLAN | | |
| A.401 | WALL SECTIONS & DETAILS | | |

| S | HEET NUMBER | २ |
|---|-------------|-----|
| | P-001 | PLU |
| | P-002 | PLU |
| | P-003 | PLU |
| | P-004 | PLU |

| SHEET NUMBER | |
|--------------|-----|
| E-001 | ELE |
| E-002 | ELE |
| E-100 | ELE |
| E-200 | ELE |
| E-300 | ELE |
| E-400 | ELE |
| | |

| SHEET NUMBER | |
|--------------|-----|
| M-001 | MEC |
| M-100 | MEC |
| M-200 | MEC |





1537 South Mint St. CHARLOTTE, NORTH CAROLINA

| PLUMBING | |
|------------------------------------|---------------|
| SHEET TITLE | Revision Date |
| BING NOTES, LEGENDS, AND SCHEDULES | |
| BING DEMOLITION PLAN | |
| BING FLOOR PLAN | |
| BING RISER AND DETAILS | |
| | |

| ELECTRICAL | |
|-----------------------------|---------------|
| SHEET TITLE | Revision Date |
| TRICAL SPEC'S AND SYMBOLS | |
| TRICAL SCHEDULE AND COMCHEK | |
| TRICAL DEMOLITION PLAN | |
| TRICAL FLOOR PLAN | |
| TRICAL DETAILS | |
| TRICAL PANEL AND RISERS | |
| | |

| MECHANICAL | |
|---------------------------|---------------|
| SHEET TITLE | Revision Date |
| IANICAL NOTES AND LEGENDS | |
| ANICAL DEMOLITION PLAN | |
| IANICAL DETAILS | |



CONSULTANT:





2018 APPENDIX B

BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES) (Reproduce the following data on the building plans sheet 1 or 2)

| territaritaria de la construction de la constructi | lress: 1537 | South Mint St. Charlotte | e, NC | Secold House | 589 | Z | ip Code 28203 | |
|---|--|---|--|---|---|---|---|---------------------------------------|
| Data Data Data Data Data Data Data Data | ner/Authoriz | zed Agent: Stephen | Overcash | Phone # (_704 |) 462 -1615 | 5 E | -Mail sovercash@ | oda.us.com |
| NACLE: FIRM NAME LICENSE # TELEPHONE # E-MAIL 11 Bits AC, del Frajtorni Max Needy GZ22 (724) 322-892. formation and the second and the | e Enforcem | ent Jurisdiction: _C | ity: Charlot | te | | | | |
| STACT: NAME LICENSE if F-MAL internal Quernach Dermin Ancheses Stayle Dermin Mark (150) Stayle 200 mm F-MAL 1 Stayle 200 mm Kin (150) Stayle 200 mm Kin (150) Stayle 200 mm Atrin RA Reinforden Start (150) Start (150) Start (150) Start (150) Start (150) Ahren RA Reinforden Start (150) Start (150) <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>a a a a a a a a a a a a a a a a a a a</th></t<> | | | | | | | | a a a a a a a a a a a a a a a a a a a |
| Construction Construction< | NTACT: | FIRM | | NAME | LICENSE # | TELEPHON | E# E-MAIL | 5 |
| $ \frac{1}{10000000000000000000000000000000000$ | hitectural | Overcash Demmitt A | Architects | Stephen Overcash | 3876 | (704) 332- | 1615sovercash@ | oda.us.com |
| Alarma NA Jet Christian 28331 Christian Cross Parameters See Strange Control See Strange Contro See Strange Control See Strange Co | etrical | Bloc-NC Civil Engine | eers utions | Nick Vesely Ryan Caya | 032770 | (704)940-2 (704)266-0 | 2883 nvesely@bl 0942 Ryan@c2e | oc-nc.com solutions |
| hanical QE Conserts QES (Topolering Solutions Vest Conserts Vest Solutions Vest | Alarm nbing | <u>N/A</u> C2 Engineerina Solu | utions | Jeff Christian | <u></u> <u>28931</u> | ()(704) 266- | Ryan@c2e 0942 Jeff@c2e.s | solutions |
| tran $\left \begin{array}{c c c c c c c c c c c c c c c c c c c $ | hanical nkler-Stand | C2 Engineering Sol | utions | Jeff Christian | 28931 | (704) 266- | 0942 Jeff@c2e.s | olutions |
| here'should include firms and individuals such as truss, pre-angineered, interior designers, etc.) ENC BUILDING CODE: Snewcorg: NNC EXISTING BUILDING CODE: Alterator lowal NO EXISTING BUILDING CODE: Alterator lowal NO EXISTING BUILDING CODE: Alterator lowal NO EXISTING BUILDING CODE: Alterator lowal (dec) PROPOSED OCCUPANCY(S) (Ch. 3); Desires DUPANCY CATEGORY (Table 1604.5): Current: NA TC BUILDING DATA struction Type: NB mary Fire District: Yes ial Impections Required: NEW (SQ FT) SUB-TOTAL 5.457 OB EXISTING (SQ FT) SUB-TOTAL 5.457 OC 5.457 ALLOWABLE AREA | ctural ining Walls | BAB Structural Engin s >5' High | neering PLL | C Blaine Barfield | 00000 | | 4014 bbarfield@ | babstruct.co |
| SNC BUILDING CODE: Nerrowsking NAC NA NA NAC NA NA NAC NA NA NAC CURNENT OCCUPANCY(S) (Ch. 3); Dustness RENOVATED; (date) PROPOSED OCCUPANCY(S) (Ch. 3); Dustness CUPANCY CATEGORY (Table 1604.5); Current: NA Proposed; U SICE BUILDING DATA struction Type; YA NA Proposed; U SICE BUILDING CODE: Average Flood Hazard Area; NO State NO State SICE BUILDING Cooperations Gross Building Area Table State State State State TOTAL 5.457 0 5.457 State S | her" should | l include firms and | individua | ils such as truss, j | precast, pre-en | gineered, interio | r designers, etc.) | 11 |
| dpipes: No | NC EXIS CONSTRU RENOVA CUPANCY IC BUILE struction T nklers: | TING BUILDING UCTED: (date) TED: (date) 7 CATEGORY (Ta DING DATA Fype: | able 1604 | <u>Alteration Level 1</u> <u>CURRE</u> <u>PROPO</u> .5): Current: | N/A NT OCCUPA SED OCCUPA | | Business 3): Business | |
| Gross Building Area Table OOR EXISTING (SQ FT) NEW (SQ FT) SUB-TOTAL ST FLOOR 5,457 0 5,457 TOTAL 5,457 TOTAL 5,457 TOTAL 5,457 ALLOWABLE AREA marge colspan="2">TOTAL Station (s): Colspan="2">Colspan="2">Sub-Total ALLOWABLE AREA marge colspan="2">MA assory Occupancy Classification(s): MA Lat Uses (Table 509): MA Adrend Area of Occupancy A Allowable Area of Occupancy B Allowable Area of Occupancy A Allowable Area of Occupancy B Allowable Area of Occupancy A Allowable Area of Occupancy B Allowable Area of Occupancy A | 1dpipes: nary Fire I | No District: Yes tions Paguirad: | No | Flood | Hazard Area: | <u>No</u> | | |
| Gross Building Area Table Gross Building Area Table SITPLOOR SUB-TOTAL ST FLOOR 5,457 0 5,457 ALLOWABLE AREA MA Cocupancy Classification(s): Business essory Occupancy Classification(s): Business essory Occupancy Classification(s): Business dental Uses (Table 509): NA Adental Area of Occupancy A Altowable Area of Occupancy B Altowable Area of Occupancy A Altowable Area of Occupancy B Altowable Area of Occupancy B Altowable Area of Occupancy B Storey (ACTUAL) NO. BLOG AREA FER NO. Storey (ACTUAL) Altowable Area of Occupancy C Altowable Area of Occupancy C Altowable Area of Occupancy | ciai inspec | uons Requireu | | 20 12 XX | 0 50 22 | | | |
| ST FLOOR 5,457 0 5,457 TOTAL 5,457 0 5,457 ALLOWABLE AREA marge Comparison (Stream) assory Occupancy Classification(s): Business assory Occupancy Classification(s): MA assory Occupancy Classification(s): MA assory Occupancy Classification(s): MA assory Occupancy A Altowable Area of Occupancy B Altowable Area of Occupancy A Altowable Area of Occupancy B Altowable Area of Occupancy A Altowable Area of Occupancy B Altowable Area of Occupancy B Image area increases from Section 506.2 are computed thus: a. antage area increases from Section 506.2 are computed thus: a. antage area increases from Section 506.2 are computed thus: a. | OOR | Existing | (SQ FT) | Gross Building NEW | Area Table (SQ FT) | | SUB-TOTAL | |
| TOTAL 5,457 ALLOWABLE AREA mary Occupancy Classification(s): Business icessory Occupancy Classification(s): Image increases from Section State dental Uses (Table 509): Image increases from Section State dental Uses (Chapter 4 – List Code Sections): Image increases from Section Sec | ST FLOOR | | 5,457 | 0 | | Ę | 5,457 | |
| TOTAL 5.457 0 5.457 ALLOWABLE AREA mary Occupancy Classification(s): Business essory Occupancy Classification(s): Business essory Occupancy Classification(s): Business dental Uses (Table 509): MA field colspan="2">field colspan="2">Separation: NA Exception: | | | • | | | | | |
| TOTAL 5,457 ALLOWABLE AREA nary Occupancy Classification(s): <u>Colspan="2">Colspan="2">Colspan="2">Colspan="2" Second Cocupancy Classification(s): <u>Colspan="2"</u> SNC Administrative Code and Policies Image: Classification(s): <u>NA</u> Last Code Sections): <u>MA</u> Last Code Sections): <u>MA</u> Addual Area of Occupancy A Addual Area of Occupancy B > 1 Addual Area of Occupancy A Addual Area of Occupancy B > 1 MONON USE BLDG AREA PER TABLE 506.24 AREA FOR FRONTAGE ALLOWABLE AREA PER NON USE BLDG AREA PER TABLE 506.24 AREA FOR FRONTAGE ALLOWABLE AREA PER NON USE BLDG AREA PER TABLE 506.24 NON DESCRIPTION AND AREA FOR FRONTAGE ALLOWABLE AREA PER NON DESCRIPTION AND</u> | | | | | | | | |
| ALLOWABLE AREA issory Occupancy Classification(s): issory Occupancy Classification(s): is NC Administrative Code and Policies int Uses (Table 509): NA ial Uses (Chapter 4 – List Code Sections): ial Vacuum (Chapter 5 – List Code Sections): d Occupancy: No Separation Use (508.3) Actual Area of Occupancy A + Actual Area of Occupancy A + Allowable Area of Occupancy A + Allowable Area of Occupancy A + Monon USE NO. USE B 5,457 NO. USE B 5,457 NO 9,957 I B I B Stork (ACTUAL) AREA Intage area increases from Section 506.2 are computed thus: I - I B I B I B I B I B I B I B I B | TOTAL | | 5,457 | 0 | | Ę | 5,457 | |
| Allowable Area of Occupancy A Allowable Area of Occupancy B ≤ 1 Allowable Area of Occupancy A Allowable Area of Occupancy B ≤ 1 # | lental Uses ial Uses (C ial Provisi ed Occupar Non-Separate Actu | s (Table 509): <u>N</u> Chapter 4 – List Co ons: (Chapter 5 – ncy: <u>No</u> ed Use (508.3) | J/A ode Section List Cod Separat NCV A | ons): _N/A e Sections): ion: _N/A + | Exception: _ | nev B = 1 | | |
| + + - < | Allowa | ble Area of Occupa | ancy A | Allowable A | trea of Occupa | $\frac{ C B }{ C B } \leq 1$ | | |
| STORY NO. DESCRIPTION AND USE (A) (B) (C) (D) AREA FOR FRONTAGE STORY (ACTUAL) AREA TABLE 506.2 ⁴ AREA AREA FOR FRONTAGE INCREASE ^{1.5} ALLOWABLE AREA PER STORY OR UNLIMITED ^{2.3} 1 B 5.457 9,000 50.0 9,957 | | | | + | | + | = ≤ | 1.00 |
| 1 B 5,457 9,000 50.0 9,957 Image: Increases from Section 506.2 are computed thus: Image: Im | STORY NO. | DESCRIPTION AND USE | (BLDG A STORY (| (A) (AREA PER TABLI (ACTUAL) A | B) 506.2 ⁴ ARE/ REA | (C) A FOR FRONTAGE INCREASE ^{1,5} | (D) ALLOWABLE ARE/ STORY OR UNLIMU | A PER |
| Image area increases from Section 506.2 are computed thus: a. Perimeter which fronts a public way or open space having 20 feet minimum width =319(F) b. Total Building Perimeter =319(P) c. Ratio (F/P) =10(F/P) d. W = Minimum width of public way =20-0°_(W) e. Percent of frontage increase $I_f = 100$ [F/P - 0.25] x W/30 =50.0_(%) limited area applicable under conditions of Section 507. ximum Building Area = total number of stories in the building x D (maximum3 stories) (506.2). e maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic ntrol towers must comply with Table 412.3.1. ntage increase is based on the unsprinklered area value in Table 506.2. ALLOWABLE HEIGHT ALLOWABLE SHOWN ON PLANS CODE REFERENCE ilding Height in Feet (Table 504.3) 40 16 504.2 ilding Height in Stories (Table 504.4) 2 1 504.2 ide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4. 1 504.2 | 1 | В | 5,4 | 57 9 | 000 | 50.0 | 9,957 | |
| antage area increases from Section 506.2 are computed thus: a. Perimeter which fronts a public way or open space having 20 feet minimum width =319 (F) b. Total Building Perimeter =319 (P) c. Ratio $(F/P) = \1.0$ (F/P) b. W = Minimum width of public way =20.0° (W) c. Percent of frontage increase $I_f = 100$ [F/P - 0.25] x W/30 =50.0 (%) imited area applicable under conditions of Section 507. cimum Building Area = total number of stories in the building x D (maximum3 stories) (506.2). maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic trol towers must comply with Table 412.3.1. ttrage increase is based on the unsprinklered area value in Table 506.2. ALLOWABLE HEIGHT ALLOWABLE HEIGHT ALLOWABLE SHOWN ON PLANS CODE REFERENCE ilding Height in Feet (Table 504.3) 40 16 504.2 ilding Height in Stories (Table 504.4) 2 1 504.2 504.2 de code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4. 504.4 504.4 504.4 504.4 504.4 504.4 504.4 504.4 504.4 504.4 504.4 504.4 504.4 504.4 504.4 504.4 504.4 | | | · | | | | e <u>.</u> | |
| ALLOWABLE HEIGHT ALLOWABLE HEIGHT ALLOWABLE SHOWN ON PLANS CODE REFERENCE ilding Height in Feet (Table 504.3) 40 16 504.2 ilding Height in Stories (Table 504.4) 2 1 504.2 le code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4. 504.4 | tage area Perime Total E Ratio (W = M | increases from Sect eter which fronts a p Building Perimeter F/P = 1.0 linimum width of p t of frontage increase applicable under c | tion 506.2 public way (F/P) ublic way se $I_f = 10$ conditions number of | 2 are computed the y or open space here $= 319$ (P) y = 20'-0'' (C) 0 [F/P - 0.25] xes of Section 507. f stories in the busiless must comply we | ws: having 20 feet W) W/30 = 50.0 wilding x D (ma with Table 406.0 | minimum width 0(%) aximum3 stories .5.4. The maxin | = <u>319</u> (F)) (506.2). num area of air tra | affic |
| ALLOWABLE HEIGHT ALLOWABLE SHOWN ON PLANS CODE REFERENCE uilding Height in Feet (Table 504.3) 40 16 504.2 uilding Height in Stories (Table 504.4) 2 1 504.2 vide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4. | e. Percen limited area ximum Bui e maximum | Iding Area = total r area of open parking | ng garage | | n Tabla 506.2 | | | |
| ALLOWABLE SHOWN ON PLANS CODE REFERENCE uilding Height in Feet (Table 504.3) 40 16 504.2 uilding Height in Stories (Table 504.4) 2 1 504.2 vide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4. 504.2 | e. Percen limited area eximum Bui e maximum entrol towers ontage incre | Iding Area = total r area of open parkins s must comply with ase is based on the | ng garage 1 Table 41 unsprink | lered area value i | n Table 506.2. | | | |
| uilding Height in Stories (Table 504.4) 2 1 504.2 vide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4. 504.2 | e. Percen limited area ximum Bui e maximum ntrol towers ontage incre | Iding Area = total r area of open parkins s must comply with ase is based on the | ng garage 1 Table 41 unsprink | lered area value i ALLOWABLE | HEIGHT | | | |
| vide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4. | e. Percen limited area iximum Bui e maximum ontrol towers ontage incre | Iding Area = total r area of open parkins s must comply with ase is based on the ht in Feet (Table 504 | ng garage 1 Table 41 unsprink 3) | ALLOWABLE | HEIGHT | SHOWN ON PLANS | CODE REFE | RENCE |
| | e. Percen limited area ximum Bui maximum ntrol towers ntage incre ilding Heig | Iding Area = total r area of open parkins s must comply with ase is based on the ht in Feet (Table 504. ht in Stories (Table 50 | ng garage 1 Table 41 unsprink 3) 04.4) | ALLOWABLE ALLOWABI 40 2 | HEIGHT | SHOWN ON PLANS 16 1 | CODE REFE 504. 504.2 | RENCE |
| FIRE PROTECTION REQUIREMENTS | e. Percen imited area ximum Bui maximum ntrol towers ntage incre iilding Heigl ide code refer | Iding Area = total r area of open parkins s must comply with ase is based on the ht in Feet (Table 504. ht in Stories (Table 50 ence if the "Shown on P | ng garage 1 Table 41 unsprink 3) 04.4) Plans'' quant | ALLOWABLE ALLOWABLE 40 2 tity is not based on Ta | HEIGHT | SHOWN ON PLANS 16 1 4. | CODE REFE 504. 504.2 | RENCE 2 |
| ILDING ELEMENT FIRE RATING DETAIL # DESIGN # SHEET # FOR SHEET | Percentimited area area area area area area area ar | Iding Area = total r area of open parkins s must comply with ase is based on the ht in Feet (Table 504. ht in Stories (Table 50 ence if the "Shown on P | ng garage a Table 41 unsprink 3) 04.4) Plans'' quant FIRE P | ALLOWABLE ALLOWABLE 40 2 tity is not based on Ta | HEIGHT LE S Ible 504.3 or 504.4 | SHOWN ON PLANS 16 1 4. | CODE REFE 504. 504.2 | RENCE 2 2 |

| BUILDING ELEMENT | FIRE | | RATING | DETAIL # | DESIGN # | SHEET # FOR | SHEET # |
|---|----------------------------------|-------|--------------------------------|----------------|--------------------------|----------------------|------------------------|
| | SEPARATION DISTANCE (FEET) | REQ'D | PROVIDED (W/* REDUCTION) | AND SHEET # | FOR RATED ASSEMBLY | RATED PENETRATION | FOR RATED JOINTS |
| Structural Frame, including columns, girders, trusses | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Bearing Walls | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Exterior | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| North | >30' | 2 HR | 2 HR | EXIST. | EXIST. | EXIST. | N/A |
| East | >30' | 2 HR | 2 HR | EXIST. | EXIST. | EXIST. | N/A |
| West | >30' | 2 HR | 2 HR | EXIST. | EXIST. | EXIST. | N/A |
| South | >30' | 2 HR | 2 HR | EXIST. | EXIST. | EXIST. | N/A |
| Interior | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Nonbearing Walls and Partitions Exterior walls | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

2018 NC Administrative Code and Policies

SPACE

| North | N/A | | | |
|--|-----------|---|--|--|
| East | N/A | | | |
| West | N/A | | | |
| South | N/A | | | |
| Interior walls and partitions | N/A | | | |
| Floor Construction Including supporting beams and joists | N/A | | | |
| Floor Ceiling Assembly | N/A | ļ | | |
| Columns Supporting Floors | N/A | | | |
| Roof Construction, including supporting beams and joists | N/A | | | |
| Roof Ceiling Assembly | N/A | | | |
| Columns Supporting Roof | N/A | | | |
| Shaft Enclosures - Exit | N/A | | | |
| Shaft Enclosures - Other | N/A | | | |
| Corridor Separation | N/A | 1 | | |
| Occupancy/Fire Barrier Separation | N/A | | | |
| Party/Fire Wall Separation | N/A | | | |
| Smoke Barrier Separation | N/A | | | |
| Smoke Partition | N/A | | | |
| Tenant/Dwelling Unit/ Sleeping Unit Separation | N/A | | | |
| Incidental Use Separation | N/A | | | |
| f f in the last of | ne Barrer | | | |

* Indicate section number permitting reduction

FIRE SEPA

(FEET) FR

| PERCENTAGE OF WALL OPENING CALCULATIONS | | | | | | | | | | |
|---|---|-----------------------|------------------------------|--|--|--|--|--|--|--|
| RATION DISTANCE OM PROPERTY LINES | DEGREE OF OPENINGS PROTECTION (TABLE 705.8) | Allowable area (%) | ACTUAL SHOWN ON PLANS (%) | | | | | | | |
| N/A EXIST. | N/A EXIST. | N/A EXIST. | N/A EXIST. | | | | | | | |
| | | 3 | | | | | | | | |
| | | | 2 | | | | | | | |

LIFE SAFETY SYSTEM REQUIREMENTS

| Emergency Lighting: | Yes |
|----------------------------|-----|
| Exit Signs: | Yes |
| Fire Alarm: | No |
| Smoke Detection Systems: | No |
| Carbon Monoxide Detection: | No |

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: _____G.101

Fire and/or smoke rated wall locations (Chapter 7)

Assumed and real property line locations (if not on the site plan)

Exterior wall opening area with respect to distance to assumed property lines (705.8) X Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2) X Occupant loads for each area

X Exit access travel distances (1017)

Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))

Dead end lengths (1020.4) X Clear exit widths for each exit door

X Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3) Actual occupant load for each exit door

A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for

purposes of occupancy separation

Location of doors with panic hardware (1010.1.10)

Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)

Location of doors with electromagnetic egress locks (1010.1.9.9) Location of doors equipped with hold-open devices

Location of emergency escape windows (1030)

The square footage of each fire area (202)

The square footage of each smoke compartment for Occupancy Classification I-2 (407.5) Note any code exceptions or table notes that may have been utilized regarding the items above

> ACCESSIBLE DWELLING UNITS (SECTION 1107)

| (SECTION (107) | | | | | | | | | | | |
|---------------------------------|---------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------------------------|-----|--|--|--|--|
| Accessible Units Required | Accessible Units Provided | TYPE A Units Required | TYPE A Units Provided | TYPE B Units Required | TYPE B UNITS PROVIDED | TOTAL ACCESSIBLE UNITS PROVIDED | 1.1 | | | | |
| | | | | | | | | | | | |

ACCESSIBLE PARKING (SECTION 1106)

| LOT OR PARKING | TOTAL # OF PA | ARKING SPACES | # OF ACC | TOTAL # | | | |
|----------------|---------------|---------------|-----------------|----------------------|--------------------|----------|--|
| AREA | REQUIRED | PROVIDED | REGULAR WITH | VAN SPAC | ACCESSIBLE | | |
| | | | 5' ACCESS AISLE | 132" ACCESS AISLE | 8' ACCESS AISLE | PROVIDED | |
| EXIST. | 7 7 | | 1 | N/A | 1 | 1 | |
| TOTAL | | | | | j. | | |

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

| | W | ATERCLOSI | ETS | URINALS | | LAVATORIE | s | SHOWERS | DRINKING FOUNTAINS | |
|--------|------|-----------|--------|---------|------|-----------|--------|---------|--------------------|------------|
| | MALE | FEMALE | UNISEX | | MALE | FEMALE | UNISEX | /TUBS | REGULAR | ACCESSIBLE |
| XIST'G | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| EW | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| EQ'D | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

2018 NC Administrative Code and Policies

| ENERGY REQ | E UIREMENTS: | NERGY S |
|---|---|--|
| The following da also be provided. If performance m proposed design. | ta shall be considered minimu Each Designer shall furnish th ethod, state the annual energy | m and any s ne required cost for the |
| Existing building | g envelope complies with cod | le: No |
| Exempt Building | g: No Provide code or | statutory re |
| Climate | Zone: 4A | |
| Method | of Compliance: Perscriptive (If "Other" s | pecify sour |
| THERMAL EN | VELOPE (Prescriptive metho | d only) |
| Roof/ce | iling Assembly (each assembl | y) |
| | U-Value of total assembly: | 4" min. |
| | R-Value of insulation: Skylights in each assembly: | R-30min. |
| | U-Value of skylight: total square footage of skylig | hts in each |
| Exterio | r Walls (each assembly) | |
| | Description of assembly: U-Value of total assembly: | EXISTING |
| | R-Value of insulation: Openings (windows or doors | R-19 with glazin |
| | U-Value of assembly Solar heat gain coeff | y: U |
| | projection factor: | |
| Wallsh | alow grada (aach assembly) | |
| wans b | Description of assembly: | EXISTING |
| | U-Value of total assembly: R-Value of insulation: | 8 <u></u> |
| Floors o | over unconditioned space (ea | ch assembly |
| | Description of assembly: U-Value of total assembly: | 2 |
| | R-Value of insulation: | 8 |
| Floors s | lab on grade | |
| | U-Value of total assembly: | EXISTING |
| | R-Value of insulation: Horizontal/vertical requireme | nt: |
| | slab heated: | 2 |
| | | |
| _ | | |
| | 20 | 018 API |
| BUILD | ING CODE SUMMA | RY FO |
| DESIGN LOA | (PROVIDE ON THE | STRUCTU |
| Impor | rtance Factors: Wind (| Iw) Select |
| | Snow () Seismic () | I _S) <u>Select</u> I _E) <u>Select</u> |
| Live I | oads: | |
| | RF | FF |
| Grou | nd Snow | |
| Wind | Lead: STR | 116 |
| | UII | |
| SEISMIC DES | | FΤ |
| Provide the foll | owing S | |
| Spect | ral Response Acceleration | тμ |
| Site C | lassification (ASCE 7) Data Source: | |
| Basic Analy Archi | structural system sis Procedure: tectural. Mechan | |
| LATERAL DI | SIN CONTROL: EARTHQU | JAKE |
| SOIL BEAR | NG CAPACITIES: | |
| N/A EX Pile si | ISTING I ze, type, and capacity | osf |
| _ | | |
| | | |









12/2/2019 1:59:40 PN



| WALL RATING LEGEND | LIFE SAFETY LEGEND | | | | |
|------------------------------------|---|--|--|--|--|
| | 99' | LENGTH OF TRAVEL TO EXIT | | | |
| 2 HOUR RATED PARTITION | 99' | LENGTH OF COMMON PATH OF TRAVEL | | | |
| SEE PARTITION TYPES ON SHEET G2.01 | 30 P 34" 165 max | —ACTUAL OCCUPANY EXIT —PROVIDED EXIT CAPACITY —PROVIDED EXIT WIDTH | | | |
| | Assembly ^{15N} 300 SF 21 OCC. | OCCUPANCY TAG | | | |
| | FEC FEC | FIRE EXTINGUISHER CABINET FIRE EXTINGUISHER | | | |

CONSULTANT:

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

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

CONSULTANT:

CONSULTANT:

| | | | | | | | DOO | R SCHEDUL | E - BUILDIN | G 1537 | | | | |
|--------|--------|--------------------|---|---|--|--|--|--|---|---|--|---|---|---|
| | | | DOOR | | | | FRAME | | FIRE | | | | | |
| | | SIZE | TYPE | | | TYPE | | | RATING | | | Door | HW SET | |
| | W | Н | ELEV | MATERIAL | FINISH | ELEV | MATERIAL | FINISH | LABEL | Detail Head | Detail Jamb | Threshold | NO. | COMMENTS |
| | | | | | | | | | | | | | | |
| 6' - 0 |)" | 7' - 0" | | | | | | | | | | | | |
| 3' - 0 |)" | 7' - 0" | | | | | | | | | | | | |
| | 6' - 0 | 6' - 0" 3' - 0" | SIZE W H 6' - 0" 7' - 0" 3' - 0" 7' - 0" | DOOR SIZE TYPE W H ELEV 6' - 0" 7' - 0" 3' - 0" 7' - 0" | DOOR SIZE TYPE W H ELEV MATERIAL 6' - 0" 7' - 0" | DOOR SIZE TYPE W H ELEV MATERIAL 6' - 0" 7' - 0" 3' - 0" 7' - 0" | DOOR TYPE TYPE W H ELEV MATERIAL FINISH ELEV 6' - 0" 7' - 0" | DOOR FRAME SIZE TYPE TYPE TYPE MATERIAL TINISH ELEV MATERIAL 6' - 0" 7' - 0" | DOOR SCHEDUL DOOR FRAME SIZE TYPE W H ELEV MATERIAL FINISH ELEV MATERIAL FINISH 6' - 0" 7' - 0" 3' - 0" 7' - 0" | DOOR SCHEDULE - BUILDIN DOOR FRAME FIRE SIZE TYPE TYPE FINISH TYPE RATING W H ELEV MATERIAL FINISH ELEV MATERIAL FINISH 6' - 0" 7' - 0" Image: Color of the second s | DOOR SCHEDULE - BUILDING 1537 DOOR DOOR FRAME FIRE FIRE <t< td=""><td>DOOR SCHEDULE - BUILDING 1537 DOOR DOOR FRAME FIRE RATING LABEL FIRE Detail Head FIRE Detail Jamb 0' 0'' 7' - 0'' Image: Colspan="4">Image: Colspan="4" 0 H ELEV MATERIAL FINISH ELEV MATERIAL FINISH Image: Colspan="4" Image: Colspan="4"</td><td>DOOR SCHEDULE - BUILDING 1537 DOOR DOOR FRAME FIRE RATING LABEL FIRE Detail Head FIRE Door FIR</td><td>DOOR SCHEDULE - BUILDING 1537 DOOR DOOR FRAME FIRE RATING LABEL FIRE Detail Head Door Threshold HW SET NO. 0' 0'' 7' 0'' Image: Signed state Image: Signed state</td></t<> | DOOR SCHEDULE - BUILDING 1537 DOOR DOOR FRAME FIRE RATING LABEL FIRE Detail Head FIRE Detail Jamb 0' 0'' 7' - 0'' Image: Colspan="4">Image: Colspan="4" 0 H ELEV MATERIAL FINISH ELEV MATERIAL FINISH Image: Colspan="4" Image: Colspan="4" | DOOR SCHEDULE - BUILDING 1537 DOOR DOOR FRAME FIRE RATING LABEL FIRE Detail Head FIRE Door FIR | DOOR SCHEDULE - BUILDING 1537 DOOR DOOR FRAME FIRE RATING LABEL FIRE Detail Head Door Threshold HW SET NO. 0' 0'' 7' 0'' Image: Signed state Image: Signed state |

FLOOR PLAN NOTES

G.C. SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE AND REPORT ANY DISCREPANCY TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. G.C. SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT AND RECEIVE HIS APPROVAL BEFORE FABRICATION OF ANY MATERIAL. G. C. TO COORDINATE ALL WORK WITH ALL DISIPLINES ASSOCIATED WITH WORK ON THIS PROJECT. ALL WORK SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL CODES AND REGULATORY AGENCIES HAVING JURISDICTION IN THIS AREA. ARCHITECTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ALL DISCIPLINES CONNECTED WITH THE WORK ON THIS PROJECT. ALL SECTIONS, DETAILS, MATERIAL, METHOD, ETC. SHOWN AND/OR NOTED ON ANY PLAN OR SECTION SHALL APPLY TO ALL OTHER SIMILAR LOCATIONS UNLESS NOTED OTHERWISE. DIMENSIONS ARE FROM FACE OF STRUCTURE TO FACE OF STRUCTURE U.N.O. G.C. TO SHORE UP ANY STRUCTURAL ITEMS AS NEEDED TO PERFORM NEW WORK IN AREAS OF NEW CONSTRUCTION. G.C. SHALL VERIFY AND COODINATE SIZE AND LOCATION OF ALL OPENINGS FOR NEW DOOR AND WINDOWSWITH TRADES INVOLVED. DO NOT SCALE THESE DRAWINGS. THE G.C. SHALL BE RESPONSIBLE FOR DAILY CLEAN-UP OF ALL TRADES AND REMOVEALL DEBRIS. AT THE COMPLETION OF THEPROJECT, G.C. SHALL THOROUGHLY CLEAN THE CONSTRUCTION SITE AND ALL AREAS AFFECTED BY CONSTRUCTION. ALL WOOD TO BE IN CONTACT WITH MASONRY OR CONCRETE TO BE PRESSURE TREATED TO PROTECT AGAINST MOISTURE, INSECTS, AND/OR VERMIN.

WALL RATING LEGEND

EXTERIOR WALL TO REMAIN 1 HOUR RATED PARTITION 2 HOUR RATED PARTITION

SEE PARTITION TYPES ON SHEET G2.01

FLOOR PLAN

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

CONSULTANT:

BOWERS FIBER

LOCATION: charlotte, nc

CLIENT:

white point partners

PROJECT SIZE:

50,000 sf

SERVICES:

COMPLETION DATE:

CONSTRUCTION TYPE:

architecture

2018

adaptive re-use

1 ROOF PLAN

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

CONSULTANT:

1 AWNING DETAIL

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

CONSULTANT:

| PLUMBING GENERAL NOTES | PLUMBING ABBREVIATIONS | DRAINA |
|---|--|---|
| PLUMBING GENERAL NOTES <u>GENERAL REQUIREMENTS:</u> GENERAL AND SPECIAL CONDITIONS: GENERAL AND SPECIAL CONDITIONS ARE HEREBY MADE AN INTEGRAL PART OF THIS DIVISION OF THE SPECIFICATIONS INSOFAR AS SAME ARE APPLICABLE TO THE WORK UNDER THIS DIVISION AND UNLESS OTHERWISE SPECIFIED. SCOPE: PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK. CODE COMPLIANCE: ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION, BUILDING DEPARTMENTS, AND DEPARTMENT OF HEALTH. APPLICABLE NATIONAL, STATE, AND LOCAL CODES, LAWS, AND REGULTIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK SHALL BE INCORPORATED INTO AND MADE A PART OF THESE CONTRACT DOCUMENTS AND SPECIFICATIONS. THE CONTRACTOR IS TO NOTIFY THE ARCHITECT/ENGINEER OF ANY WORK OR MATERIALS WHICH VIOLATE ANY OF THE ABOVE CODES, LAWS, OR REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH A VIOLATION SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE AND AT NO EXPENSE TO THE OWNER. PERMITS: APPLY FOR AND PAY FOR ALL NECESSARY PERMITS, FEES, AND INSPECTIONS REQUIRED BY ANY PUBLIC AUTHORITY HAVING JURISDICTION. WARRANTY: PROVIDE ALL MATERIALS AND EQUIPMENT UNDER THIS SECTION OF THE SPECIFICATIONS WITH A ONE YEAR WARRANTY FROM THE DATE OF ACCEPTANCE OF WORK BY THE OWNER. COORDINATION: VERIFY ALL ROUGH-IN LOCATIONS AND COORDINATE PIPING AND EQUIPMENT LOCATIONS WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID CONTUNT. VERIFY ALL ROUGH-IN LOCATIONS AND COORDINATE PIPING AND EQUIPMENT LOCATIONS WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID CONTUNT. COORDINATE WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID CONTUNT. | PLUMBING ABBREVIATIONS AFF ABOVE FINISHED FLOOR AHAP AS HIGH AS POSSIBLE BLDG BUILDING BLW BELOW CLG CEILING CONN CONNECT OR CONNECTION CONT CONTINUATION DN DOWN E.C. ELECTRICAL CONTRACTOR ETR EXISTING TO REMAIN EX, EXIST, (E) EXISTING FFE FINISHED FLOOR ELEVATION FLR FLOOR G.C. GENERAL CONTRACTOR HD HUB DRAIN GW GREASE WASTE M.C. MECHANICAL CONTRACTOR MTD MOUNTED P.C. PLUMBING CONTRACTOR SF, SQ FT SQUARE FOOT TAP TEMPERATURE AND PRESSURE TP TRAP PRIMER TYP TYPICAL VTR VENT THROUGH ROOF W WASTE | DRAINA UNLESS OTHERWIS ZURN, JOSAM, WADE WCO-WALL CLEANOU JAY R. SMITH FIG. 4 ROUND FRAME AND FCO-CONCRETE FLO JAY R. SMITH FIG. 4 ADJUSTABLE ROUND FCO-TILE FLOORS JAY R. SMITH FIG. 4 ADJUSTABLE ROUND SPEEDI-SET OUTLET YCO-EXTERIOR PAVE JAY R. SMITH FIG. 4 GASKET SEAL THREA YCO-EXTERIOR UNSI JAY R. SMITH FIG. 4 GASKET SEAL THREA FLUSH WITH SURFAC FD - FLOOR DRAINS DRAIN WITH 6" DIAM AND TRAP PRIMER O FS - FLOOR SINK. DEBRIS SCREEN. |
| INSTALLATION OF ALL PLOMBING PIPING AT CMO WALLS SO THAT THE PIPING IS PLACED IN WALL DURING CMU WALL CONSTRUCTION. CUTTING AND PATCHING OF CMU WALLS IN PLACE WILL NOT BE PERMITTED. 7. FIELD VERIFICATION: FIELD VERIFY EXISTING CONDITIONS BEFORE STARTING CONSTRUCTION AND NOTIFY THE ARCHITECT/ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS, AND/OR ANY POTENTIAL PROBLEMS OBSERVED, BEFORE CONTINUING WORK IN THE AFFECTED AREAS. | PLUMBING LEGEND DOMESTIC COLD WATER PIPING (CW) DOMESTIC HOT WATER PIPING (110') DOMESTIC HOT WATER PIPING (140') | LAVATORY-WALL HUN JAY R. SMITH #700 TP-"A"-AUTOMATIC PPP PRIME-RITE SE AS REQUIRED. WATER HAMMER ARR |
| 8. PLUMBING SYSTEMS INCLUDE, BUT ARE NOT LIMITED TO: -PLUMBING FIXTURES AND EQUIPMENT -FIRE STOPPING -DOMESTIC WATER SYSTEM -SANITARY WASTE AND VENT SYSTEM FIXTURES: | | WATER HAMMER ARK P.P.P. SYSTEM RATE UPRIGHT POSITION A STATIONS, AND OTH AND SIZE AS INDICA IN ACCORDANCE WIT |
| PROVIDE COMPLETE FIXTURES AND INCLUDE SUPPLIES, STOPS, VALVES, FAUCETS, DRAINS, TRAPS, TAILPIECES, ESCUTCHEONS, ETC. EXPOSED COPPER OR BRASS MATERIALS SHALL BE CHROME PLATED. PROVIDE PERMANENTLY ATTACHED VACUUM BREAKERS FOR ALL FIXTURES TO WHICH HOSES MAY BE CONNECTED. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF PLUMBING | OZ OXYGEN PIPING OXYGEN PIPING OXYGEN PIPING OXYGEN PIPING BALL VALVE PRESSURE REDUCING VALVE CHECK VALVE OR ← FLOOR CLEAN OUT (FCO) | Plumbing contractor Specifications in con If approved by own Where installed per |
| FIXTORES. FIRE STOPPING: 1. FIRE STOP ALL PENETRATIONS, BY PIPING OR CONDUITS, OF FIRE RATED WALLS, FLOORS, AND PARTITIONS. PROVIDE DEVICE(S) OR SYSTEM(S) WHICH HAS BEEN TESTED AND LISTED AS COMPLYING WITH ASTM E-814 AND INSTALL IN ACCORDANCE WITH THE CONDITIONS OF THEIR LISTING. PROVIDE DEVICE(S) OR SYSTEM(S) WITH AN 'F' RATING EQUAL TO THE RATING OF THE ASSEMBLY BEING PENETRATED. | Image: Pressure of the second sec | |
| DOMESTIC WATER PIPING: 1. FURNISH AND INSTALL A COMPLETE SYSTEM OF DOMESTIC HOT AND COLD WATER FROM EXISTING SUPPLIES TO ALL FIXTURES AND/OR EQUIPMENT REQUIRING DOMESTIC WATER SUPPLIES. VERIFY LOCATION OF BEGINNING POINTS. 2. DOMESTIC WATER PIPING: ASTM B 88 TYPE 'L' HARD COPPER TUBE WITH WROT COPPER FITTINGS, AND SOLDERED OR PRESSURE-SEALED JOINTS. 3. STERILIZE DOMESTIC WATER PIPING IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION'S SPECIFICATIONS AND LOCAL HEALTH DEPARTMENT REGULATIONS. 4. INSULATE DOMESTIC WATER PIPING ABOVE GRADE (EXCEPT EXPOSED CONNECTIONS TO PLUMBING FIXTURES) WITH ENGINEERED POLYMER FOAM INSULATION, OR FIBERGLASS WITH FITTING INSERTS AND PVC COVERS. FOLLOW THIS SCHEDULE: SERVICE PIPE SIZE INS. THICKNESS DOMESTIC HOT WATER ALL 1/2" DOMESTIC COLD WATER ALL 1/2" DOMESTIC COLD WATER ALL 1/2" 1/2" DOMESTIC COLD WATER ALL 1/2" 1/2" DOMESTIC COLD WATER ALL 1/2" 1/2" DOMESTIC WATER PIPING INSULATION, JACKETS, COVERINGS, SEALERS, MASTICS, AND ADHESIVES SHALL NOT EXCEED A FLAWE SPREAD RATING OF 25 AND A SMOKE DEVELOPED RATING OF 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84. 6. ALL PIPE INSULATION SHALL RUN CONTINUOUSLY THROUGH FLOORS, WALLS, AND PARTITIONS. 7. SHUT-OFF VALVES SHALL BE FULL PORT, BALL TYPE. PROVIDE SHUT-OFF VALVES ON ALL BRANCH PIPING SERVING TWO OR MORE FIXTURES, AND WHERE INDICATED ON THE DRANNINGS. INSTALL VALVES IN A LOCATION THAT PERMITS ACCESS FOR SERVICE AND OPERATION WITHOUT DAMAGE TO THE BUILDING OR FINISHED MATERIALS. PROVIDE ACCESS DOORS IF REQUIRED. 8. PROVIDE DRAIN VALVES I | PLUMBING GENERAL NOTE SANITARY SOIL. WASTE, AND VENT PIPING: 1. FURNISH AND INSTALL COMPLETE SYSTEMS OF SOIL, WASTE, AN FROM ALL PLUMBING FIXTURES AND/OR EQUIPMENT REQUIRING WE CONNECTIONS. ALL SOIL, WASTE, AND VENT PIPING SHALL BE CORDULDING CONSTRUCTION WHERE POSSIBLE. 2. SOIL, WASTE, AND VENT PIPING: CISPI 301, HUBLESS, CAST IFITTINGS; AND SHIELDED, STAINLESS STEEL COUPLINGS. 3. INVERT ELEVATIONS SHALL BE ESTABLISHED AND VERIFIED BEFTS INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAIN PIPING 2–11/2" AND SMALLER AT 1/4" PER FOOT MINIMUM, AND 3" AND LARGER AT 1/8" PER FOOT MINIMUM. 4. WHERE SANITARY PIPING IS EXPOSED IN TOILET ROOMS, PROVIDERASS PIPING WITH MATCHING STOPS AND ESCUTCHEONS. PROVIDERASS PIPING WITH MATCHING STOPS AND ESCUTCHEONS. PROVIDERASS PIPING WITH MATCHING STOPS AND ESCUTCHEONS. PROVID BRASS PIPING WITH MATCHING STOPS AND ESCUTCHEONS. PROVID BRASS PIPING WITH MATCHING STOPS AND ESCUTCHEONS. PROVID BRASS PIPING WITH MATCHING OR FINISHED MATERIALS. CLEANOUT PINSTALLED IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS. IN HORIZONTAL PIPING NOT MORE THAN 100 FEET APART, AT THE AND WASTE STACKS, AND FOR EVERY FOUR 45 CHANGES LOCATE SWEEP IS EQUIVALENT TO TWO 45 BENDS). WATER HAMMER ARRESTER REQUIREMENTS: 1. PROVIDE WATER HAMMER ARRESTERS CONFORMING TO PDINISTALLED PER MANUFACTURER'S SPECIFICATIONS, WHERE QUICK UTILIZED. A QUICK CLOSING VALVE IS A VALVE OR FAUCET THAT WHEN RELEASED, OR THAT IS CONTROLLED BY MECHANICAL MEAN CLOSING. REFER TO WATER HAMMER ARRESTER SCHEDULE. 2. AS A MINIMUM, PROVIDE ONE WATER HAMMER ARRESTER FOR EACH TOILET ROOM. | S CONT. ND VENT PIPING ASTE AND VENT DNCEALED IN THE IRON SOIL PIPIE AND ORE SANITARY PIPING ED. SLOPE SANITARY SLOPE SANITARY PIPING IDE CHROME-PLATED IDE REMOVABLE TRAPS R SERVICE WITHOUT LUGS SHALL BE PROVIDE CLEANOUTS E BASE OF ALL SOIL ED IN SERIES (A LONG WH201 OR ASSE 1010, CLOSES AUTOMATICALLY IS FOR FAST-ACTION E EACH BRANCH LINE TO |
| PIPING IS SLEEVED THROUGH MASONRY, PROVIDE COPPER OR RED BRASS SLEEVES. WHERE COPPER PIPING IS CONCEALED IN OR AGAINST MASONRY PARTITIONS, PROVIDE A HEAVY COATING OF ASPHALTIC ENAMEL ON THE COPPER PIPING AND 15# ASPHALT—SATURATED FELT BETWEEN THE PIPING AND THE MASONRY PARTITION. | 3EISMIG REQUIREMENTS: 1. PROPERLY SUPPORT AND BRACE VERTICALLY AND HORIZON APPARATUS, EQUIPMENT, ETC IN ACCORDANCE WITH APPLICABLE (EXCESSIVE MOVEMENT DURING SEISMIC CONDITIONS. | TALLY ALL PIPING, CODES TO PREVENT |

| RAINAGE PRODUCTS/SPECIALTIES |
|---|
| SS OTHERWISE INDICATED NUMBERS ARE JAY R. SMITH. APPROVED EQUAL PRODUCTS: , JOSAM, WADE, WATTS AND PRECISION PLUMBING PRODUCTS |
| WALL CLEANOUT – FINISHED AREAS R. SMITH FIG. 4436 C.I. FERRULE FOR NO HUB OR SERVICE WEIGHT PIPE, NICKEL BRONZE D FRAME AND COVER WITH SECURING SCREWS. |
| CONCRETE FLOORS ≳. SMITH FIG. 4220 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, STABLE ROUND CAST IRON TOP WITH SECURING SCREW, SPEEDI—SET OUTLET CONNECTION. |
| TILE FLOORS 3. SMITH FIG. 4151 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, STABLE ROUND NICKEL BRONZE TOP RECESSED FOR TILE WITH SECURING SCREW, DI—SET OUTLET CONNECTION. |
| EXTERIOR PAVED/CONCRETE AREAS R. SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, ET SEAL THREADED PLUG, V.P. SCREWS IN COVER. |
| EXTERIOR UNSURFACED AREAS SMITH FIG. 4261 C.I. FLANGED HOUSING WITH HEAVY DUTY C.I. COVER, LIFTING DEVICE, SEAL THREADED PLUG, V.P. SCREWS IN COVER. PROVIDE 24" x 12" CONCRETE PAD WITH SURFACE. |
| FLOOR DRAINS—GENERAL/RESTROOMS JAY R. SMITH FIG. 2005—B6 SERIES C.I. FLOOR WITH 6" DIAMETER SQUARE NICKEL BRONZE STRAINER, SPEEDI—SET OUTLET CONNECTION TRAP PRIMER CONNECTION. |
| FLOOR SINK. CAST IRON 12X12 SIOUX CHIEF 861 SERIES WITH HALF GRATE AND MESH S SCREEN. |
| ORY—WALL HUNG SUPPORT R. SMITH #700 FOR MASONRY WALLS AND #700—M31 FOR METAL STUD WALLS. |
| \"-AUTOMATIC TRAP PRIMER PRIME-RITE SERIES AUTOMATIC TRAP PRIMER WITH MULTIPLE OUTLET DISTRIBUTION UNITS EQUIRED. |
| HAMMER ARRESTORS SYSTEM RATED PLUS SERIES COPPER WATER HAMMER ARRESTORS. INSTALL IN AN HT POSITION AT ALL FLUSH VALVES, WASHING MACHINE SUPPLIES, DISHWASHERS, PRV DNS, AND OTHER QUICK CLOSING VALVES, SOLENOIDS AND PLUMBING FIXTURES. LOCATE SIZE AS INDICATED ON DRAWINGS. WHERE NOT SHOWN ON DRAWINGS, LOCATE AND SIZE CORDANCE WITH PDI STANDARD WH-201. |

CONTRACTOR SHALL COORDINATE BETWEEN OWNER TIONS IN CONTRACT WITH GENERAL CONTRACTOR.

IVED BY OWNER, PVC AND CPVC ARE ACCEPTABLE ISTALLED PER CODE.

FLOOR -

1/8 BEND— PIPING —

1.

1 FLOOR CLEAN OUT DETAIL P1.0 NOT TO SCALE

1537 South Mint Street

Charlotte, NC

173256 PROGRESS SET

10/16/2019

| REVISIONS | | | | | | | |
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1 PLUMBING PLAN P1.1/1/8" = 1'-0"GENERAL NOTE: CONTRACTOR SHALL COORDINATE VAPOR MITIGATION SYSTEM WITH HART & HICKMAN DRAWINGS. ALL UNDERSLAB PIPING, RISERS, AND PRESSURE MONITORING POINT LOCATIONS SHALL BE COORDINATED AND INSTALLED PER HART & HICKMAN DRAWINGS.

PLUMBING KEY NOTES

1 start invert of waste pipe at minus 2'-0". Verify slope of new waste pipe will meet the existing sanitary sewer located in street.

(2) PROVIDE 4" WASTE STUB OUTS BELOW FLOOR FOR FUTURE CONNECTION POINTS. CAP STUB OUTS AIR AND WATER TIGHT.

(3) 4" WASTE TO SANITARY SEWER IN STREET. VERIFY IN FILED FOR INVERT OF EXISTING SANITARY SEWER AND CONNECTION POINT.

4 2" DOMESTIC WATER LINE BELOW GRADE. REFER TO CIVIL PLANS FOR CONTINUATION TO WATER METER AND BACKFLOW PREVENTER.

(5) MOUNT UNIT SHUT OFF VALVE ALONG WALL 1'-0" ABOVE FINISHED FLOOR. RELOCATE UNIT SHUT OFF VALVE IF REQUIRED IN FUTURE MECHANICAL ROOM JANITORS CLOSET WITH PROPER CLEARANCES FOR EASE OF MAINTENANCE AND PER NORTH CAROLINA PLUMBING CODE AND AUTHORITY HAVING JURISDICTION.

1537 South Mint Street

Charlotte, NC 173256

PROGRESS SET

10/16/2019

| No. | Description | Date |
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PLUMBING PLANS

| | GENERAL ELECTRICAL NOTES | | | ELECTRICAL S |
|------------|---|---|------------------------|--|
| 1. | ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE 2017 EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES. | | | ELECTRICAL CONNECTION TO AP |
| 2. | ALL MATERIAL, EQUIPMENT & APPLIANCES SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC., AND THE NATIONAL MANUFACTURERS | | | ELECTRICAL CONDUIT HOMERUN ELECTRICAL CONDUIT RUN IN O |
| 3. | ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR. | | 0 | JUNCTION BOX CEILING OR FLO |
| 4. | DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS (EXCEPT AS NOTED). | | ات ا | STUB 3/4" EMPTY CONDUIT TO THERMOSTAT WALL MOUNTED AT |
| 5. | ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR A MINIMUM OF ONE YEAR. THE ONE YEAR WARRANTY IS TO CORRESPOND WITH THE GENERAL CONTRACTOR'S ONE YEAR WARRANTY WITH THE OWNER & BUYERS. | | \$ \$ ₃ | SINGLE POLE SWITCH, 20A, 120 3-WAY SWITCH, 20A, 120/277 |
| 6. | ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC, PLUMBING AND OTHER EQUIPMENT AS REQUIRED. | | \$4 | 4-WAY SWITCH, 20A, 120/277 |
| 7. | A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS. | | \$ _F \$u | PADDLE FAN SPEED CONTROL S 125V, 20A SINGLE PHASE MANU |
| 8. | ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. | | \$ ₀ | WALL SWITCH OCCUPANCY SENS |
| 9. | ALL WIRING REQUIRED BY CODE TO BE IN CONDUIT SHALL BE INSTALLED IN RC, IMC, EMT OR PVC CONDUIT (AS ALLOWED BY CODE). | | ٥ | DUAL TECHNOLOGY OCCUPANCY |
| | | | ÷ | DUPLEX RECEPTACLE, 20 AMP, FAULT CIRCUIT INTERRUPTING. " ABOVE COUNTERTOP BACKSPLAS |
| 10. | CONDUCTORS SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS. MINIMUM SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL WIRE #8 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID, UNLESS | | | DUPLEX RECEPTACLE, 20 AMP, COVERPLATE. |
| | OTHERWISE NOTED. | | € | 208V–1ø, 30A DRYER OUTLET OUTLET. |
| 11. | BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE THHN OR THWN AS REQUIRED. | | - | DUPLEX GFI RECEPTACLE MOUN |
| 12. | PROVIDE A PULL WIRE IN ALL EMPTY CONDUITS. | | Ø | POWER POLE FROM FLOOR TO (4) DATA OUTLETS AT 18" AFF |
| 1. | AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS. | | | |
| 14. | SWITCHES, WHITE LETTERS ON BLACK BACKGROUND. | | | CONDUIT TURNED DOWN, AS VIEWE |
| 15. | FUSES 0 - 600 AMPS SHALL BE UL CLASS "RK-1" LOW PEAK DUAL ELEMENT TIME DELAY WITH 200,000 AMPERE INTERRUPTING RATING AS MANUFACTURED BY BUSS. UNLESS NOTED OTHERWISE | | ♥ _{WH−1} | INDICATES KITCHEN EQUIPMENT SHEET FOR ELECTRICAL CONNE SERVED BY CONNECTION AS ID |
| 16. | VERIFY ALL REQUIREMENTS AND COORDINATE EXACT LOCATION OF INCOMING ELECTRICAL SERVICE WITH LOCAL POWER COMPANY PRIOR TO PROJECT START UP. NOTIFY ENGINEER OF ANY CHANGES. | | HTV | CABLE TELEVISION OUTLET, COC CATV CABINET. PROVIDE DUPLE |
| 17. | ROOM TO CONNECTION POINT AS DIRECTED BY LOCAL TELEPHONE COMPANY. | | - | DUPLEX RECEPTACLE CONTROLL |
| 18. | ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC. SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (CU/AL) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED. ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC. SHALL BE IDENTIFIED FOR USE WITH 75°C RATED CONDUCTORS. | | V w | TELEPHONE/DATA OUTLET, +18 4'-8" |
| 19. | THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.). | | 60/3/FPN | HEAVY DUTY FUSIBLE/NON-FUS PROVIDE NEMA 1 ENCLOSURE I LOCATED OUTSIDE. FPN = FUSI |
| 20. | PENETRATIONS OF REQUIRED SMOKE PARTITIONS SHALL BE SEALED USING METHODS APPROVED UNDER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL | | X | MOTOR STARTER. |
| | CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS SMOKE STOPPING IS ACCOMPLISHED. | | | PANELBOARD, SURFACE OR REC |
| 21. | WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE-RESISTIVE WALL, FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL, TELEPHONE, TELEVISION, OR LOCAL | | 2 | MOTOR OUTLET. SEE PLANS FO |
| | COMMUNICATION AND/OR SIGNALING CIRCUITS, THE OPENING AROUND THE RACEWAY SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED. USE U.L. APPROVED ASSEMBLIES | | | 2' X 4' FLUORESCENT LIGHTING SURFACE MOUNTED FLUORESCEI |
| 22. | OF APPROPRIATE TYPE AND RATING ONLY (SEE A2.0 FOR ASSEMBLIES). IN REQUIRED FIRE RATED WALLS AND PARTITIONS, OPENINGS FOR INSTALLATION OF | | • | 1' X 4" FLUORESCENT LIGHTING |
| | BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY U.L. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THE INTEGRITY OF THE LLL RATING IS MAINTAINED | | P 9 | CEILING MOUNTED TRACK LIGHT |
| 23. | WHERE A HOME RUN IS SHOWN THE CIRCUIT SHALL BE INSTALLED IN A DEDICATED CONDUIT, | | Ý | WALL MOUNTED LIGHTING FIXTU |
| | DO NOT COMBINE WITH OTHER CIRCUITS. WHERE A CIRCUIT HOMERUN IS NOT SHOWN THE CONTRACTOR SHALL COMBINE CIRCUITS AS FOLLOWS: | | ¢ | CEILING MOUNTED LIGHTING FIX |
| | A MAXIMUM OF THREE 20A BRANCH CIRCUITS OF DIFFERENT PHASES MAY BE COMBINED IN A COMMON HOMERUN SHARING A COMMON NEUTRAL OR WITH SEPARATE NEUTRALS, A TOTAL OF SIX CURRENT CARRYING CONDUCTORS MAXIMUM. | | \$ | DUCT SMOKE DETECTOR. PROV WIRED BY DIVISION 16. |
| | ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOMERUN TO THE PANEL. ALL HOME RUNS IN EXCESS OF 100' SHALL BE INCREASED ONE WIRE SIZE FROM THAT SHOWN FOR THE CIRCUIT, #10 AWG MINIMUM. | | FACP | FIRE ALARM CONTROL PANEL, SEI |
| 24. | ALL EXIT SIGNS SHALL BE CIRCUITED TO AN UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT. | | | FIRE ALARM SYSTEM ANNUNCIATOR |
| 25. | LOWER CASE LETTER(S) INDICATES SWITCHING DESIGNATION. UPPER CASE LETTER(S) INDICATES FIXTURE TYPE. NUMBER INDICATES CIRCUIT. WHERE DUAL SWITCHING IS DESIGNATED CONTROL ONE | | E M⊲ | FIRE ALARM SYSTEM MANUAL PUL FIRE ALARM SYSTEM ALARM INDIC/ |
| | LAMP OF TWO LAMP FIXTURES AND THE CENTER LAMP(S) OF THREE AND FOUR LAMP FIXTURES TO ONE SWITCH, AND THE REMAINING LAMPS TO THE SECOND SWITCH. CIRCUIT NUMBERS, FIXTURE DESIGNATION AND SWITCHING ARE DESIGNATED AS FOLLOWS, FIXTURE SWITCHING AND CIRCUITING | | E∎ | HORN SHALL BE 70dBA AT 10'-C FIRE ALARM SYSTEM ALARM INDIC HORN SHALL BE 85dBA AT 10'-C |
| 26 | ARE TYPICAL FOR ALL LIGHT FIXTURES. | | ি ব | FIRE ALARM SYSTEM ALARM INDIC STROBE SHALL BE 15cd U.O.N. |
| 20. 27. | SPACING AND LOCATION OF RECEPTACLES, SHALL AT A MINIMUM, BE IN ACCORDANCE WITH IBC AND NEC REQUIREMENTS FOR DWELLING UNITS. PLANS ARE FOR GENERAL ARRANGEMENT ONLY. | | 3 | FIRE ALARM SYSTEM SMOKE DETE OTHERWISE NOTED. SUBSCRIPT "F ELEVATOR RECALL FUNCTIONS. SU |
| | | | | |
| | | | HD | FIRE ALARM SYSTEM HEAT DETEC |
| | | 1 | | WISE NUIED. |

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FS

RICAL SYMBOL SCHEDULE

NECTION TO APPLIANCE OR EQUIPMENT. NUIT HOMERUN TO BRANCH PANELBOARD. NDUIT RUN IN OR BELOW FLOOR SLAB. CEILING OR FLOOR MOUNTED

WALL MOUNTED AT HEIGHT INDICATED ON DRAWINGS. PTY CONDUIT TO ACCESSIBLE CEILING. ALL MOUNTED AT 48" AFF.

WITCH, 20A, 120/277 VOLT, +48" A.F.F. TO CENTER. 20A, 120/277 VOLT, +48" A.F.F. TO CENTER. 20A, 120/277 VOLT, +48" A.F.F. TO CENTER.

PEED CONTROL SWITCH. 120V, 1LP RATED. LE PHASE MANUAL MOTOR STARTER WITH OVERLOADS

CCUPANCY SENSOR, +48"AFF. DGY OCCUPANCY SENSOR, +48 AFF.

ACLE, 20 AMP, 125 VOLT, +18" A.F.F. TO CENTER. "G" INDICATES GROUND NTERRUPTING. "WP" INDICATES WEATHERPROOF. "C" INDICATES MOUNTED 6" RTOP BACKSPLASH.

ACLE, 20 AMP, 125 VOLT, FLUSH FLOOR MOUNTED WITH CHROME DRYER OUTLET OR 208V-10, 50A RANGE/OVEN CEPTACLE MOUNTED ABOVE COUNTER BACKSPLASH OR AT HEIGHT INDICATED.

ROM FLOOR TO CEILING. PROVIDE (2) DUPLEX AND ETS AT 18" AFF FOR EACH POWER POLE.

D UP, AS VIEWED FROM LOAD.

D DOWN, AS VIEWED FROM LOAD. EN EQUIPMENT CONNECTION. SEE EQUIPMENT CONNECTION SCHEDULE CTRICAL CONNECTION INFORMATION. TEXT INDICATES EQUIPMENT BEING NNECTION AS IDENTIFIED ON KITCHEN DRAWINGS AND SPECIFICATIONS. N OUTLET, COORDINATE HEIGHT WITH OWNER. PROVIDE RG-58 CABLE TO

PROVIDE DUPLEX RECEPTACLE ADJACENT TO TELEVISION. COORDINATE HEIGHT ACLE CONTROLLED BY SWITCH INDICATED. UPPER HALF OF RECEPTACLE IS

R HALF OF RECEPTACLE IS UNSWITCHED. A OUTLET, +18"AFF TO CENTER "W" INDICATES WALL MOUNTED AT SIBLE/NON-FUSIBLE DISCONNECT SWITCH, NUMBERS INDICATE AMP RATING.

1 ENCLOSURE INSIDE. PROVIDE NEMA 3 ENCLOSURE FOR ALL SWITCHES E. FPN = FUSE PER NAMEPLATE, NF = NON FUSED.

URFACE OR RECESS MOUNTED, SEE SCHEDULE FOR DETAILS. SEE PLANS FOR SIZE.

ESCENT LIGHTING FIXTURE, SEE FIXTURE SCHEDULE FOR DETAILS.

TED FLUORESCENT STRIP. SEE FIXTURE SCHEDULE FOR DETAILS.

ESCENT LIGHTING FIXTURE, SEE FIXTURE SCHEDULE FOR DETAILS. TRACK LIGHTING FIXTURE, SEE SCHEDULE FOR DETAILS.

LIGHTING FIXTURE, SEE FIXTURE SCHEDULE FOR DETAILS.

D LIGHTING FIXTURE, SEE FIXTURE SCHEDULE FOR DETAILS.

TECTOR. PROVIDED DIV 16, INSTALLED BY DIV 15,

ROL PANEL, SEMI-FLUSH MOUNTED. M ANNUNCIATOR PANEL, MH = +4'-0''.

M MANUAL PULL STATION, MH = +4'-0''. EM ALARM INDICATING DEVICE, MINI-HORN/STROBE, MH = $+84^{\circ}$. 70dBA AT 10'-0" MINIMUM, STROBE SHALL BE 15cd U.O.N.

EM ALARM INDICATING DEVICE, HORN/STROBE, MH = +84". 85dBA AT 10'-0" MINIMUM. STROBE SHALL BE 15cd U.O.N. M ALARM INDICATING DEVICE, STROBE, $MH = +84^{"}$.

EM SMOKE DETECTOR, CEILING MOUNTED, UNLESS D. SUBSCRIPT "R" INDICATES DEVICE SHALL BE USED FOR FUNCTIONS. SUBSCRIPT "R" INDICATES DEVICE SHALL BE DR RECALL FUNCTIONS.

EM DUCT MOUNTED SMOKE DETECTOR. PROVIDED BY E.C., AND WIRED BY E.C.

EM HEAT DETECTOR, 135° RATE-OF-RISE, UNLESS OTHER-

FIRE ALARM SYSTEM CARBON MONOXIDE DETECTOR. TAMPER SWITCH, CONNECTED INTO FIRE ALARM SYSTEM. SEE FIRE ALARM RISER.

FLOW SWITCH, CONNECTED INTO FIRE ALARM SYSTEM. SEE FIRE ALARM RISER.

ALL SYMBOLS MAY NOT APPEAR ON THE DRAWINGS.

| | | LIG | HTING | FIXTUR | RE SCH | EDL | JLE | | | | | | | | | | |] | | |
|------------|------------------------------------|------------------------------|--------|------------------------|-----------|-------------------|-----------|----------------|--------|--------|---------|----------|----------|---------|----------|----------|--------|-----------|---------------|--------|
| 144 517 | | CATALOG | L | AMP | 1401 740 | | 0.00.2010 | E | BALLAS | т | FIX 1 | URE | NOTES | | | | 1 | | | |
| MARK | MANUFACTURER | NUMBER | NO. | TYPE | VOLTAG | | OUNTING | NC |). 1 | TYPE | E WATTS | | SNOTES | | | | | | | |
| 197 197 | | | | | | | | ÷ | | | | | | | | | | | | |
| A | SELECTION BY OWNER | EXTERIOR WALL LIGHT FIXTURES | LED | | 120 | S | URFACE | 1 | E | ELEC | 2 | 20 | COOF | DINATI | E MTG. H | GT. / OV | /NER | 4 | | |
| | | | | | | | | | | | СЦ | | | = | | | | J | Цр | |
| EL | ectrical ab | BREVIATIONS | | | | | | | | | | | | - | | MA | | | | |
| | | | 12 | 0 / 208 | 3 | | |)) | IVI | 100 (A | / | 2 | 22K | SI | | IVIAI | - | - IVIDL# | DWG RE | |
| 18″ | DIMENSION INDICATES HEIG | SHT ABOVE FINISHED FLOOR AT | 12 | 07 200 | TYPE | ELEG | SEND | , | | 100 | I | | | | R | EMARK | 3 | 12 | | |
| | | | Ĺ | | ١G | | K | KI TCHE | EN EQ | P | ROVID | E EQ | UIPME | NT GR | DUND BU | S | | | | |
| AFF | ABOVE FINISHED FLOOR | | R | RECEP | TACLES | | E | EXIST | NG | P | ROVID | E FE | ED TH | RU ANE | /OR SUB | FEEDL | UGS F | OR MULTI | SECTION PA | ANELS |
| AFG | ABOVE FINISHED GRADE. | | M | MECH E | EQUIP | | 0 | | 2 | - | | 1.12.200 | | | - | | | | | 11994 |
| EC | ELECTRICAL CONTRACTOR | | # _ | ITE | M | Ц | 비 | D | CKT. B | BRK L | OAD | U St | OAD | CKT. BI | K D | 股 | Ш | П | EM | # |
| FPN | FUSE PER EQUIPMENT NAM | MEPLATE REQUIREMENTS. | S | SER | VED | 1 | MII | NO | TRIP | Р | (VA) | H (| VA) | | NO | MIN | ≥ | SEF | RVED | S |
| GC | GENERAL CONTRACTOR | | 1 | EXTERIO | PLICHTS | 1 | #12 | 3//" | 204 | 1 | 500 | Δ | 000 | 1 20/ | 3/4" | #12 | 1 | | PECEPTS | 2 |
| GEI | INDICATES RECEPTACLE TO | HAVE GROUND FAULT PROTECTION | 3 | SPA | ARE | - | | 0/4 | 20A | 1 | 000 | B 2 | 200 | 1 20/ | 3/4" | #12 | ō | TEL | CAB | 4 |
| | | | 5 | SPA | ARE | - | | | 20A | 1 | | C 1 | 200 | 1 20/ | 3/4" | #10 | M | BACKFLO | W HEATER | 6 |
| мс | MECHANICAL CONTRACTOR | | 7 | SPA | ARE | - | | - | 20A | 1 | | A | | 2 20/ | Ň | _ | - | SP | ARE | 8 |
| PC | PLUMBING CONTRACTOR | | 9 | SP/ | | - | • | 5 ° - | 20A | 1 | | B | 0 | 1 00 | | | | en | | 10 |
| WP | INDICATES DEVICE TO HAVI | E WEATHERPOOF COVER. | 13 | JP <i>F</i> | | - | | - | ZUA | | | A | 0 | 1 20/ | | | - | SP SP | ARE | 14 |
| U.N.O. | UNLESS NOTED OTHERWISE | E | 15 | 211 11 - | 2 | - | 2 | | | | | В | 0 | 1 | - | | | | 2 | 16 |
| FACP | FIRE ALARM CONTROL PAN | IEL | 17 | 3. | - | - | | | | | 0 | С | 0 | 1 | | | - | | - | 18 |
| FAAN | FIRE ALARM ANNUNCIATOR | PANEL | 19 | 17 | 7 | - | | | _ | | 0 | A | 0 | 1 | | | | | . | 20 |
| CH | COUNTER HEIGHT | | 23 | 3 | - | - | | - | | | 0 | C | 0 | 1 | | _ | - | | - | 22 |
| NL | NIGHT LIGHT | | 20 | | | | | | | | U I | <u> </u> | <u> </u> | | | | | | | |
| ETR | EXISTING TO REMAIN | | | | | | Α | В | С | TO | TAL | | | | | | | | | |
| | | | | CONNECTE | D LOAD (V | (A) | 1400 | 200 | 1200 | 28 | 00 | | | | | | | | | |
| KLD | RELOCATED | | | | LOAD | SUE | | VA) | CONN | SIZ | ING | SIZ | NG | | NOTE | \$ | | | | |
| | | | TYPE | | (VA) | PNL | PNL | PNL | LD(VA) |) FAC | TOR | LOAD | (VA) | | * 1ST | 10KVA | a 1009 | %, REMAIN | ING @ 50% | |
| | | | LIGHT | ING | 1400 | i n ? | - | 1- | 1400 | 12 | 5% | 17 | 50 | | ** SIZ | E FAC. | N ACC | ORDANCE | WITH NEC 2 | 220.56 |
| PER 2018 | B NCECC | | RECE | PTACLES | 0 | - | - | - | 0 | | * | C |) | | | | | | | |
| INTERIOR | LIGHTING | | MECH | | 1200 | 100 (internet) | - | | 1200 | 10 | 0% | 12 | 00 | * | | | | | | |
| NOT APPI | ICABLE | | # OF | | 0 | - | - | - | 0 | 10 | 0 /0 | | , | | | | | | | |
| | | | EXIST | ING | 0 | 1 11 7 | - | | 0 | 12 | 5% | C |) | | | | | | | |
| EXTERIOR | LIGHTING: | | OTHE | 2 | 200 | | | 12 | 200 | 10 | 0% | 20 | 00 | | | | | | | |
| THERE IS | 450 SF OF ILLUMINATED ARE | EA OF FACADE WALL. | | | CON | INEC. | TED TOT | AL (VA) | 2800 | | | 31 | 50 \$ | SIZING | TOTAL (V | A) | _ | | | _ |
| ALLOWED | WATTAGE = $0.15 \text{ W/SF} = 67$ | 7.5 WATTS. | | | CONNE | CTE | | AL (VA) | 7.77 | | | 8.7 | /4 | SIZING | AMPACIT | Y (A) | _ | | | |
| TOTAL WA | TTAGE ALLOWED = 817.5 WA | ITS. | | | DE | MAN | D AMPAC | | 8.74 | | | | | | | | | | | |

TOTAL WATTAGE SPECIFIED = (9) TYPE A * 20 WATTS = 600 WATTS SPECIFIED.

| TIN | G FIX | UR | E SC | HE | DU | LE | | | | | | | | | | | | | | | | |
|------|-----------|-----------|-------|------|-----|--------------------------------|---------------|---------|-----|---------------------------|----------|--------------|-------|---------|----------|---------|-----------|--------|--------|--------|---------------|-------------|
| | LAMP | | | | | MOUNTING BALLAST FIXTURE NOTES | | | | | | | | | | | | | | | | |
| NO. | TY | PE | VULI | AGE | | | NO | . Т | YPI | E W/ | ATT | S | | 2 | UTES | | | | | | | |
| | | | | | | | | | | _ | | | | | | | | | | | | |
| LED | 1 | | 120 | 0 | SU | IRFACE | 1 | E | LE(| | 20 | COC | RD | INATE N | ATG. HG | T. / OW | NEF | 2 | | | | |
| | - | | | | | | - | | | - | | - | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | 1 | | | |
| | | | | | F | PANE | ELBO | DAR | D | SCH | IE | DUL | E | | | | | | | HF |) | |
| | VOLTAGE | P | HASE | WIE | Æ | MCE | 8 (A) | M | 0 | (A) | | ALC | 14 54 | MOUI | NTING | MAN | UFA | C. | MDL# | DV | /G RE | F |
| | 120 / 208 | 3 | 3 | 4 | | (|) | (| 100 |) | | 22K | | SUR | FACE | | - | | - | | - | |
| | | 82 | TY | PEL | EGE | END | | | | | | | | | RE | MARKS | | | ÷) | | | |
| I | L UG | SHTING | 3 | | | K | KITCHE | N EQ | | PROVID | DE F | EQUIPN | 1EN | T GROU | ND BUS | 1 | | | | | | |
| | R RE | CEPT/ | ACLES | | | E | EXISTI | NG | _ | PROVID | DE I | FEED T | HRU | J AND/C | OR SUB F | EED LU | JGS | FOR | MULTI- | SECTIC | <u>)N PAI</u> | NELS |
| | M ME | CHE | QUIP | | - | 0 | OTHER | | | - | | | - | | | | | | | | | |
| # | | ITEN | Λ | | ш | Щ | D | CKT. B | RK | | Ш S | | Ck | T. BRK | In | щ | ш | | IT | EM | | # |
| X | | SERV | ED. | | Ľ | NIF | NO | | | (VA) | H | (VA) | _ | - | NC | MIF | ž | | SEE | VED | | Ϋ́ |
| 0 | | | | | | - | ö | IRIP | Р | 1 | ٩ | 1 | Р | IRIP | ö | - | / | | | | | 0 |
| 1 | EXTE | RIOR | LIGHT | S | L | #12 | 3/4" | 20A | 1 | 500 | Α | 900 | 1 | 20A | 3/4" | #12 | L | EX | TERIOR | RECE | PTS. | 2 |
| 3 | 1. | SPAF | RE | | - | | | 20A | 1 | | В | 200 | 1 | 20A | 3/4" | #12 | 0 | BURGET | TEL | CAB | | 4 |
| 5 | | SPAF | RE | | - | | | 20A | 1 | | C | 1200 | 1 | 20A | 3/4" | #10 | M | BA | CKFLO | W HEA | TER | 6 |
| (| | SPA | | | - | | | 20A | 1 | - | A | | 2 | 20A | - | e | - | | SP | ARE | | 8 |
| 9 | | SPAR | | | - | | | 20A | 4 | | D | 0 | 4 | 20.4 | | | | | eD. | | | 10 |
| 13 | | SPAR | KC. | | - | | | ZUA | | | Δ | 0 | 1 | 20A | | | - | | SP/ | | | 14 |
| 15 | | | | | - | | 1. | | | 1 | B | 0 | 1 | 20/1 | | | 100 | | 017 | - | | 16 |
| 17 | | - | | | - | | | | - | 0 | C | 0 | 1 | | | | - | | | _ | | 18 |
| 19 | | 177 | | | - | | | | | 0 | A | 0 | 1 | | | | - | | | - | | 20 |
| 21 | | - | | | - | | | | | 0 | В | 0 | 1 | | | | - | | | - | | 22 |
| 23 | | - | | | - | | | | | 0 | С | 0 | 1 | | | | - | | | - | | 24 |
| | | | | | _ | | | | | Concession and the second | | | | 1 | | | | | | | | _ |
| | 0.010 | OTED | 1010 | | _ | A | В | C | | | _ | | | | | | | | - | | | |
| | CONNE | CIED | LOAD | (VA) | | 1400 | 200 | 1200 | | 2800 | _ | | | | | | | | | | | |
| | | | | S | UBI | OADS (| VA) | CONN | S | | S | IZING | 1 | | NOTES | | | | | | | |
| TYP | ۱۰۰۰ ۴ | | (VA) | PN | I | PNI | PNI | I D(VA) | E/ | ACTOR | 10 | | | | * 1ST 1 | OKVA @ | 0 10 | 0% F | REMAIN | NG@ | 50% | - |
| LIG | HTING | | 1400 | - | - | - | - | 1400 | | 125% | <u> </u> | 1750 | | | ** SIZE | FAC. IN | AC | COF | DANCE | WITH | NEC 2 | 20.56 |
| REC | CEPTACL | ES | 0 | - | | - | - | 0 | | * | | 0 | | | | | | | | | | |
| MEC | CH EQUIF |) | 1200 | - | 5 | 1 | 8- | 1200 | 1 | 100% | 1 | 1200 | | | | | | | | | | |
| KIT | CHEN EQ | | 0 | 1 | | - | | 0 | | 100% | | 0 | ** | | | | | | | | | |
| # Of | F KITCH I | EQ | 0 | - | 5 | - | - | 0 | | 100 march 100 million | | | | | | | | | | | | |
| EXI | STING | | 0 | - | | - | - | 0 | 3 | 125% | ┝ | 0 | - | | | | | | | 1 | | 1 |
| OIF | IER | | 200 | | OT | | - | 200 | | 100% | + | 200 | CI. | ZINC TO | TAL AVA | v | | | | | | |
| | | | CON | | | | | 2000 | - | | | 9100 9.74 | 01/ | | | (A) | | | - | | | - |
| | | - | CON | | MA | ND TOT | | 3150 | - | | | 0.14 | 01/ | | ACTI | (A) | | | | | | |
| | | | Γ | DEM/ | | AMPAC | | 8 74 | - | | + | | | | | | | | - | | | - |

E1.0 NO SCALE

WITH PANEL AND BREAKERS.

4. EC SHALL PROVIDE CAPABILITY FOR (2) FUTURE 400 AMP METERS AND (3) 200 AMP METERS.

3 SERVICE GROUNDING DETAIL

E1.0 N.T.S GROUNDING ELECTRODES SHALL BE PROVIDED IN ACCORDANCE WITH NEC 250-C.

| FEEDER SCHEDULE | | | | | | | | | | |
|--|---|---|--------|--|--|--|--|--|--|--|
| STD. FUSE OR C/B TRIP SIZE | STD. FUSE OR C/B TRIP SIZE OF SETS BUILDING WIRE - QUANTITY & SIZE TYPE THHN - DRY, THWN - WET EQUIPMENT GROUND | | | | | | | | | |
| 30 | 1 | 4 #10, #10 G | 1/2" | | | | | | | |
| 35 | 1 | 4 #8, #10 G | 3/4" | | | | | | | |
| 40 | 1 | 4 #8, #10 G | 3/4" | | | | | | | |
| 45 | 1 | 4 #6, #10 G | 1" | | | | | | | |
| 50 | 1 | 4 #6, #10 G | 1" | | | | | | | |
| 60 | 1 | 4 #6, #10 G | 1" | | | | | | | |
| 70 | 1 | 4 #4, #8 G | 1 1/4" | | | | | | | |
| 80 | 1 | 4 #3, #8 G | 1 1/4" | | | | | | | |
| 90 | 1 | 4 #2, #8 G | 1 1/4" | | | | | | | |
| | 1 | 4 #2, #8 G | 1 1/4" | | | | | | | |
| (110) | 1 | 4 #1, #6 G | 1 1/2" | | | | | | | |
| 125 | 1 | 4 #1/0, #6 G | 2" | | | | | | | |
| 150 | 1 | 4 #1/0, #6 G | 2" | | | | | | | |
| 175 | 1 | 4 #2/0, #6 G | 2" | | | | | | | |
| 200 | 1 | 4 #3/0, #6 G | 2" | | | | | | | |
| 225 | 1 | 4 #4/0, #4 G | 2 1/2" | | | | | | | |
| 250 | 1 | 4 – 250MCM, #4 G | 2 1/2" | | | | | | | |
| 300 | 1 | 4 – 350MCM, #4 G | 3" | | | | | | | |
| 350 | 2 | 4 #2/0, #3 G | 2" | | | | | | | |
| 400 | 2 | 4 #3/0, #2 G | 2" | | | | | | | |
| 450 | 2 | 4 #4/0, #2 G | 2 1/2" | | | | | | | |
| 500 | 2 | 4 – 250MCM, #2 G | 2 1/2" | | | | | | | |
| 600 | 2 | 4 – 350MCM, #1 G | 3" | | | | | | | |
| 700 | 2 | 4 - 500MCM, #1/0 G | 3 1/2" | | | | | | | |
| 800 | 2 | 4 - 500MCM, #1/0 G | 3" | | | | | | | |
| (1000 | 3 | 4 – 400MCM, #2/0 G | 3" | | | | | | | |
| (1200) | 4 | 4 – 350MCM, #3/0 G | 3" | | | | | | | |
| 1600 | 5 | 4 – 400MCM, #4/0 G | 3" | | | | | | | |
| NOTES: 1. ALL FEEDER SIZES LISTED MAY NOT BE USED IN PROJECT RISER DIAGRAM. 2. ELECTRICAL CONTRACTOR TO VERIFY CONDUIT SIZE REQUIRED IF WIRE TYPES OTHER THAN THOSE LISTED ABOVE ARE USED. REFER TO SPECIFICATION SECTION 16110 AND LATEST EDITION OF NFPA 70 FOR CONDUIT TYPES REQUIRED PER LOCATION OF USE. 3. IF CONDUIT OTHER THAN 'EMT' IS REQUIRED BASE BID ON | | | | | | | | | | |
| 4. FEEDER SI | je size Zes sh | ABUVE THAT INDICATED. OWN IN PROJECT RISER WITH A DELT | A | | | | | | | |

SYMBOL ' Δ ', 3 WIRE FEEDERS, A NEUTRAL WIRE IS NOT REQUIRED.

1537 South Mint Street

Charlotte, NC

173256 PROGRESS SET

10/16/2019

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1537 South Mint Street

Charlotte, NC

173256 PROGRESS SET

10/16/2019

| REVISIONS | | | | | | | | |
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ELECTRICAL PLAN

October, November Presentation

November 4, 2019

Charlotte Planning, Design + Design Development City of Charlotte 600 E. Fourth Street, 8th Floor Charlotte, NC 28202

Attn: Kristi Harpst, AICP Program Manager, Historic District Division

Re: 1529 / 1537 South Mint Street Commercial Renovations

Dear Kristi,

This letter is in reference to the existing and proposed windows at 1529 and 1537 South Mint Street that Lischerong Development Group is proposing to re-purpose. We have analyzed all of the existing windows in the various buildings. Most of the buildings contain a few original steel windows. Many of the original windows have been removed, or modified from their original condition. For the new uses proposed for these buildings, the developer will be needing to add additional windows in some of the buildings for daylight.

We appreciate the Committee's consideration to allow the developer to replace the few existing windows for the following reasons:

- 1. Some of the windows contain chrysotile asbestos (see attached report, by Hart Hickman, dated September 27, 2019). The Environmental Consultant recommends removal of the window glazing prior to building renovations, to prevent asbestos fiber release.
- 2. The developer would like to be environmentally sensitive in providing new insulated windows in order to reduce the carbon footprint of the buildings.
- 3. The developer feels that it would help the exterior appearance to have consistency in the storefront windows, whether a new opening and window, or a new window in an existing opening. There will be 37 window / door openings once the renovations are complete: 19 will be new windows in non-existing openings; 10 will be new windows into existing openings in which the windows have been previously replaced; and 8 new windows that are replacing the existing historical widows. Only 22% of all windows could be restored historical windows.

The Design Team has analyzed and photographed each window that is still existing. The Team has also tried to simulate the overall design of the original windows, as illustrated in the Exhibits being submitted. These Exhibits contain a photograph of the original window, to compare to the proposed design of the new windows.

The developer and design team explored other buildings in the immediate area that have been renovated, but were of a similar time period and character. We analyzed buildings that had replaced the windows with new storefront and others that had renovated the existing windows. We have tried to emulate these conditions and provide an appropriate industrial appearance.

The Design Team is using a combination of 1" snap-on mullions, 2" and 4" mullions to give the buildings and windows the character of other industrial buildings in the Southend area that were built between the 1920's and the 1960's. The design reduces the scale of the large areas of glass with grids of additional mullions, keeping the same number of panes as the original windows. Where the windows have been closed up, and we could not find photos of the original structure, we are proposing industrial-style windows similar to the adjacent buildings.

Thank you for your consideration to approve these windows.

Sincerely,

Stephen F. Overcash, RA, Principal

Via E-Mail

September 27, 2019

Lischerong Enterprises and Holdings 310 Arlington Avenue, Suite 402 Charlotte, North Carolina 28203

Attn: Mr. Nick Lischerong

Re: Asbestos-Containing Window Glazing 1525, 1529, and 1537 S. Mint Street and 404 Westwood Avenue Charlotte, North Carolina <u>H&H Job No. LEH-005</u>

Dear Nick:

Hart & Hickman, PC (H&H) recently completed asbestos sampling activities at the commercial properties located at 1525, 1529, and 1537 S. Mint Street and 404 Westwood Avenue in Charlotte, Mecklenburg County, North Carolina (Site). The Site consists of three contiguous parcels of land that are developed with an approximate 7,450-square foot (sq ft) warehouse building that was constructed in 1933, an approximate 3,584-sq ft automotive service garage that was constructed in 1962, and an approximate 5,960-sq ft two-story automotive service garage that was constructed in 1967.

Based on the results of laboratory analysis, certain window glazing at the Site contains three percent chrysotile asbestos. H&H understands that renovations have been proposed for the Site buildings. As such, H&H recommends that the window glazing be removed prior to building renovations to prevent an asbestos fiber release, to address worker protection in accordance with Occupational Safety and Health Administration (OSHA) regulations, and for waste disposal purposes. Further,

3921 Sunset Ridge Rd , Suite 301 Raleigh, NC 27607 919.847.4241 main Mr. Nick Lischerong September 27, 2019 Page 2

H&H recommends that the window glazing be removed in a manner which will not render the material friable (e.g., removal of the entire window including glass panes, glazing, and framing).

We appreciate the opportunity to assist you with this project. If you have any questions concerning this letter, please do not hesitate to contact us.

Sincerely, Hart & Hickman, PC

Bo Cappleman, PG Due Diligence Manager

Ayla Homer, PG Assistant Project Geologist NC Accredited Asbestos Inspector

Ralph McGee, PG Project Manager

OCTOBER

SOUTH ELEVATION

1529 South Mint Street

Charlotte, NC

09/30/19

1529 MINT STREET THE GOLD DISTRICT OF CHARLOTTE

WINDOW REPLACEMENTS

4 NOVEMBER 2019

Replacement Windows

OCTOBER

WEST ELEVATION

SOUTH ELEVATION

EAST ELEVATION

NORTH ELEVATION

1537 South Mint Street

Charlotte, NC

09/30/19

- NEW WINDOWS IN EXISTING OPENINGS

HDC Elevations

1537 MINT STREET THE GOLD DISTRICT OF CHARLOTTE

WINDOW REPLACEMENTS

4 NOVEMBER 2019

Replacement Windows

6 SF2

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

CONSULTANT:

BUILDING ELEVATIONS

Black 10″ x 10″ 11" from wall 5" Backplate

Aluminum 18″ x 14" 20" from wall 3" x 10" Backplate

1529 & 1537 MINT STREET THE GOLD DISTRICT OF CHARLOTTE

EXTERIOR LIGHTING OPTIONS

4 NOVEMBER 2019

Black 16.75″ x 14″ 22.5" from wall 6.75" Backplate

1529 & 1537 Mint Street CHARLOTTE, NORTH CAROLINA

CONTEXTUAL PLAN

Front Facade

Rear Facade

1529 South Mint Street Charlotte, North Carolina

Parking Facade

Westwood Ave. Facade

Existing Exterior Conditions

Front Facade

Rear Facade

Parking Facade

Street View Facade

1529 & 1537 South Mint Street Charlotte, North Carolina

PROPOSED MECHANICAL

100

C

SITE PLAN

5

VICINITY MAP NOT TO SCALE

NOTES:

681.79 FEET, NAVD 88.

1. THIS PLAT IS NOT FOR RECORDATION AS PER G.S. 47-30 AS AMENDED. 2. ALL CORNERS MONUMENTED AS SHOWN.

3. NO RECOVERABLE NGS MONUMENT LOCATED WITHIN 2,000 FEET OF SUBJECT PROPERTY.

4. THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THIS MAP IS APPROXIMATE, BASED ON INFORMATION PROVIDED BY OTHERS OR BY FIELD LOCATION. UTILITY LOCATIONS AS SHOWN HEREON ARE INTENDED FOR PLANNING ONLY, ACTUAL LOCATION, SIZE, OR DEPTH OF LINE SHOULD BE VERIFIED WITH THE INDIVIDUAL UTILITY COMPANY BEFORE CONSTRUCTION 5. ELEVATIONS BASED ON N.G.S. MONUMENT "MCDOWELL", ELEVATION =

6. BROKEN LINES UNLESS THEY HAVE A METES AND BOUNDS DESCRIPTION,

7. SOUTH MINT STREET IS SHOWN AS A "MAJOR THOROUGHFARE" ON THE MECKLENBURG-UNION METROPOLITAN PLANNING ORGANIZATION THOROUGHFARE PLAN OF 2004 AND MAY BE SUBJECT TO A FUTURE RIGHT-OF-WAY OF 50' FROM CENTERLINE.

8. THE OFF-SITE RIGHT-OF-WAY SHOWN HEREON IS FOR ILLUSTRATIVE PURPOSES ONLY. THE UNDERSIGNED CERTIFIES ONLY TO THE RIGHT-OF-WAYS SURVEYED, AND DOES NOT CERTIFY TO THE RIGHT OF WAY WIDTH OF ANY ADJACENT PROPERTIES.

PARKING:

SURVEY.

9. NO DOCUMENT PROVIDED REFERENCING ABANDONMENT OF THIS SECTION OF 10 FT ALLEY.

ZONING

AT 704-336-3569.

SUBJECT PROPERTY ZONED: ZONING RESTRICTIONS AS PER ZONING ORDINANCE: OBSERVED AT THE TIME OF MINIMUM SETBACK: 20 FT MINIMUM SIDE YARD: 0 OR 5* MINIMUM REAR YARD: 10 FT MAXIMUM BUILDING HEIGHT: 40 FT *NO SIDE YARD IS REQUIRED, BUT IF ONE IS PROVIDED, IT MUST BE A MINIMUM OF FIVE (5) FOR FURTHER INFORMATION CONTACT THE CHARLOTTE-MECKLENBURG ZONING DEPARTMENT

INDICATE PROPERTY LINES NOT SURVEYED.

GPS CERTIFICATION:

I, CHARLES E. BELL, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY

- SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:
- (1) CLASS OF SURVEY: A(1:10,000) (2) POSITIONAL ACCURACY: HORZ. NORTH= 0.00045 EAST= 0.0016 VERT.= 0.005
- (3) TYPE OF GPS FIELD PROCEDURE: REAL-TIME KINEMATIC
- (4) DATES OF SURVEY: JUNE 13, 2019 (5) DATUM/EPOCH: NAD83(2011) NAVD88
- (6) PUBLISHED/FIXED-CONTROL USE: NGS MONUMENT "MCDOWELL"
- (7) GEOID MODEL: GEOID12B (CONUS) (8) COMBINED GRID FACTOR(S): 0.99984487
- (9) UNITS: US SURVEY FEET

ALTA/NSPS CERTIFICATION:

TO: LISCHERONG DEVELOPMENT GROUP; CHICAGO TITLE INSURANCE COMPANY THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL

REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6(a), 7(a), 7(b)(1), 7(c), 8, 9, AND 13 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON AUGUST 25, 2019.

CHARLES E. BELL NCPLS, L-4804

DAT

PRELIMINARY FOR REVIEW AND APPROVAL

TOTAL AREA: 58,905SQ. FT. OR 1.3523 ACRE

| REVISIONS | ALTA/NSPS LAND TITLE SURVEY PREPARED FOR: |
|----------------------|---|
| | LISCHERONG DEVELOPMENT GROUP |
| | 1513,1515,1521, 1525, AND 1537 SOUTH MINT ST 404 WESTWOOD AVE CITY OF CHARLOTTE, MECKLENBURG COUNTY, N.C. DEED REFERENCE: 25356–701 AND 29556–49 TAX PARCEL NO: AS SHOWN HEREON |
| | R.B. PHARR & ASSOCIATES, P.A. |
| | SURVEYING & MAPPING LICENSURE ND: C-1471 420 HAWTHORNE LANE CHARLOTTE, N.C. 28204 TEL. (704) 376–2186 |
| REW: DRAWN: REVISED: | SCALE: DATE: FILE NO. |
| IR/BS PH/CB | 1" = 20' AUGUST 25, 2019 JOB NO. 90311 |

PLOTTED: 8/28/2019 G:\90\3\90311\DWG\90311.DWG

Front Elevation

1529 & 1537 MINT STREET THE GOLD DISTRICT OF CHARLOTTE

DUMPSTER SCREENING DETAILS

6 NOVEMBER 2019

| A COR COR COR COR CONTRACT OF CONTRACT OF COR CONTRACT OF COR CONTRACT OF CONT | |
|--|--------|
| VICINITY MAP N.T.S. | |
| SURVEY DISCLAIMER TOPOGRAPHIC SURVEY DATED AUGUST 25, 2019 PROVIDED BY R.B. PHARR & ASSOSIATES, P.A., 420 HAWTHORNE LANE, CHARLOTTE, N.C. 28204. PHONE: 704.376.2186 | |
| LEGEND SYMBOL | DETAIL |
| PROP. SIDEWALK | -/- |
| PROP. DIRECTIONAL ACCESSIBLE RAMP | -/- |
| PROP. 1'-6" CURB & GUTTER | -/- |
| PROP. ACCESSIBLE SPACE | -/- |
| PROP. ACCESSIBLE & VAN ACCESSIBLE SIGN | -/- |
| STPROP. STOP SIGN | -/- |
| PROP. WHEEL STOP | -/- |
| I I I PROP. WAVE BICYCLE RACK | -/- |
| B PROP. STEEL PIPE BOLLARD | -/- |
| PROP. HEAVY DUTY CONCRETE | -/- |
| PROP. HEAVY DUTY ASPHALT | -/- |

PROP. LIGHT DUTY ASPHALT

-/-

DIMENSION CONTROL NOTES:

- 1. SEE ARCHITECTURAL DESIGNS FOR BUILDING DIMENSIONS.
- 2. ALL DIMENSIONS ARE AT 90 DEGREES UNLESS OTHERWISE NOTED ON THE CONSTRUCTION DOCUMENTS.
- 3. CONTRACTOR SHALL STAKE SITE AS INDICATED ON THE CONSTRUCTION DOCUMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION. NOTIFY BLOC DESIGN
- IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK.ALL DIMENSIONS ARE TO FACE OF BUILDING, BACK OF CURB OR PROPERTY LINE
- UNLESS OTHERWISE NOTED.
- 5. ALL SIDEWALKS SHALL BE FIVE (8) FEET WIDE UNLESS OTHERWISE NOTED.
- ALL SITE/CIVIL DETAILS SHALL BE CONSTRUCTED ACCORDING TO THE CONSTRUCTION DOCUMENTS.
- 7. ALL CURB AND GUTTER RADII SHALL BE 4.50 FEET, BACK OF CURB, UNLESS OTHERWISE NOTED.
- STOP SIGNS SHALL BE R1-1, 30 INCHES x 30 INCHES. SIGNS SHALL COMPLY WITH STANDARDS SET FORTH IN THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 9. HEAVY DUTY CONCRETE SHALL BE USED AT ALL SIDEWALKS AND AREAS TO BE ACCESSED BY VEHICULAR TRAFFIC.
- 10. CONTRACTOR TO PROVIDE MOCK-UP ONSITE OF SELECTED COLOR AND STAMPING PATTERN (INTEGRAL COLORED CONCRETE AND CONCRETE PAVERS), FOR FINAL APPROVAL BY LANDSCAPE ARCHITECT.
- 11. CONTRACTOR TO COORDINATE PRE-INSTALLATION ONSITE MEETING WITH LANDSCAPE ARCHITECT TO REVIEW AND APPROVE LAYOUT OF OUTDOOR PLAZA. SIDEWALKS AND PLAZA SHALL BE STAKED PRIOR TO ONSITE MEETING. PLAZA INSTALLATION SHALL NOT OCCUR UNTIL LANDSCAPE ARCHITECT REVIEWS AND APPROVES.
- 12. STOP BARS SHALL BE 18 INCHES WIDE AND THE WIDTH OF THE APPLICABLE LANE.
- 13. PARKING AND ACCESSIBLE SPACE STRIPES SHALL BE 4 INCHES WIDE.
- ALL PAVEMENT MARKINGS SHALL BE PAINTED WHITE, UNLESS OTHERWISE NOTED.
 ALL NEWLY PLACED CURB AND GUTTER LINES THAT EXHIBIT MORE THAN ONE CRACK PER TEN-FOOT SECTION SHALL BE REMOVED AND REPLACED IN ITS ENTIRETY. A SINGLE CURBLINE CRACK WITHIN A TEN-FOOT SECTION SHALL BE SAWCUT AND EPOXY FILLED PROVIDED DIFFERENTIAL SETTLEMENT OR HORIZONTAL SEPARATION HAS NOT OCCURRED. CRACKS THAT EXHIBIT DIFFERENTIAL SETTLEMENT GREATER THAN ONE-EIGHTH (1/8) INCH OR HORIZONTAL SEPARATION GREATER THAN ONE-QUARTER (1/4) INCH WITHIN A TEN-FOOT SECTION, SHALL REQUIRE THE ENTIRE TEN-FOOT CURB AND GUTTER SECTION TO BE REPLACED. ALL REPAIRS MUST BE COMPLETED PRIOR TO SUBSTANTIAL COMPLETION.
- 16. CONTRACTOR REDLINED PLANS SHALL BE SUBMITTED TO BLOC DESIGN FOR REVIEW WITHIN 30 DAYS AFTER COMPLETION OF SITE DISTURBING ACTIVITIES.

SITE FURNISHING NOTES:

 TREE GRATES TO BE 60" X 60" MIRAGE STYLE BY IRONSMITH. POWDER COATED TO MATCH LANDSCAPE FORM BENCHES. INSTALLED PER MANUFACTURERS DETAILS SEE DETAILS FOR CITY STANDARDS.

CONTRACTOR IS RESPONSIBLE FOR PLACEMENT OF ALL BARRICADES, SIGNAGE, FLAGGERS, SHORING, ETC., TO ENSURE THE SAFETY OF WORKERS AND THE PUBLIC.

2. ALL PAVEMENT CUTS SHALL BE REPLACED ACCORDING TO NORTH CAROLINA DEPARTMENT OF TRANSPORTATION AND CHARLOTTE WATER.

September Presentation

1529 & 1535 South Mint Street Charlotte, North Carolina

21 August 2019

Building Rendering

A Development Team is renovating 5 buildings in The Gold District / Wilmore Historic Neighborhood on South Mint Street for various uses that are allowed under the TOD Zoning. The addresses are 1513, 1515, 1525, 1529, and 1537. We are submitting these in 3 packages for ease of review. The Proposed Renovation Packages include (1.) 1513 and 1515, (2.) 1525, and (3.) 1529 and 1537.

Currently, the buildings are all unleased and this submittal is for cold, dark shell buildings. As leasing progresses, the buildings may be single tenant or multi-tenant buildings. The Development Team is proposing renderings and elevations that illustrate the general proposed character of the shell buildings. The following are Design Guidelines that allow flexibility to satisfy the needs of specific future tenants. Slight customization of the 5 buildings will provide a more interesting character and help to create a scale that is harmonious with the Wilmore Historic Neighborhood.

Context / Adjacent Structures: The Site is located at the seam between The Gold District of Charlotte and the Historic Wilmore Neighborhood. This area has been experiencing rapid improvements from an industrial area to more of a mixed use neighborhood. The site is south of a bodega and immediately across South Mint from a vehicle impound lot, surrounded by barbed wire. There are additional commercial buildings to the south and the residential neighborhood to the east. This project will be a catalyst for further improvements along this block of South Mind Street.

The buildings are all one story and were constructed between 1927 and 1962. There have been additions over the years and the Development Team is proposing to remove a later addition on the back of 1513, due to unsafe and unsightly conditions.

1513: Built 1927 - approximately 3,500 sf **1515**: Built 1940 - approximately 7,000 sf 1525: Built 1933 - approximately 7,500 sf 1529: Built 1962 - approximately 3,500 sf **1537**: Built 1962 - approximately 5,500 sf

Architectural Character: The Architectural Character of this area is" industrial" with some of the buildings being built while gold was still being mined on the adjacent lot to the east (Rudisill Mine). While allowing each building to showcase its "industrial vernacular", the Development Team is proposing for the renovations to have a similar architectural aesthetic. This will include painted brick or concrete block, new windows and storefront, glass roll-up doors, decorative lighting, signage, murals and a variety of awnings.

1529 & 1537 South Mint Street Charlotte, North Carolina

Paint Colors: While the renderings are all illustrated with white painted brick, it is permissible to use other colors as base colors or to accentuate architectural details.

Windows: The windows and storefronts are proposed to be 2" x 4" Aluminum Storefront. The finish of the aluminum must be consistent within each building, but the buildings may use Bronze, White or Clear aluminum finishes. Where glass roll-up doors are used, the finish of the roll-up doors should match the aluminum storefront. Roll-up windows are also allowed.

Canopies / Awnings: Canopies and Awnings are encouraged over entrances into the buildings. The awnings should have an industrial character and can be constructed of wood and metal. While sloping metal awnings are encouraged, canvas awnings will not be allowed. The renderings illustrate some of the possibilities for these architectural elements.

Signage: Signage will follow the signage restrictions of the TOD Ordinance. No individual letters may be taller than 24". The following signs are allowed:

- Individual, internally illuminated letters on a raceway; if the raceway is exposed, it should be painted to match the background of which it is mounted.
- Individual letters mounted directed to the wall, with decorative lighting to illuminate.
- Signage painted directly on the building. ٠
- Banner Signs and Blade Signs. •
- Logos are acceptable, either attached to the building or painted on the building.

Internally illuminated box signs, or backlit lettering signage will not be allowed.

Lighting: Lighting shall be all downward-directed goose neck lighting and sconces. The lighting may include contemporary, industrial and period lighting. No uplighting, wall packs or neon will be allowed.

LED Lighting as is permitted. Lighting shall not bleed onto adjacent properties.

Murals: Murals are encouraged and can be abstract, realistic or historical to help tell the story of The Gold District. Using local artists is encouraged. The murals may be painted or more three dimensional with the use of metals, woods, synthetic materials, clays or stones.

VICINITY MAP NOT TO SCALE

NOTES:

681.79 FEET, NAVD 88.

1. THIS PLAT IS NOT FOR RECORDATION AS PER G.S. 47-30 AS AMENDED. 2. ALL CORNERS MONUMENTED AS SHOWN.

3. NO RECOVERABLE NGS MONUMENT LOCATED WITHIN 2,000 FEET OF SUBJECT PROPERTY.

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6. BROKEN LINES UNLESS THEY HAVE A METES AND BOUNDS DESCRIPTION,

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PARKING:

SURVEY.

9. NO DOCUMENT PROVIDED REFERENCING ABANDONMENT OF THIS SECTION OF 10 FT ALLEY.

ZONING

AT 704-336-3569.

SUBJECT PROPERTY ZONED: ZONING RESTRICTIONS AS PER ZONING ORDINANCE: OBSERVED AT THE TIME OF MINIMUM SETBACK: 20 FT MINIMUM SIDE YARD: 0 OR 5* MINIMUM REAR YARD: 10 FT MAXIMUM BUILDING HEIGHT: 40 FT *NO SIDE YARD IS REQUIRED, BUT IF ONE IS PROVIDED, IT MUST BE A MINIMUM OF FIVE (5) FOR FURTHER INFORMATION CONTACT THE CHARLOTTE-MECKLENBURG ZONING DEPARTMENT

INDICATE PROPERTY LINES NOT SURVEYED.

GPS CERTIFICATION:

I, CHARLES E. BELL, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY

- SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:
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- (3) TYPE OF GPS FIELD PROCEDURE: REAL-TIME KINEMATIC
- (4) DATES OF SURVEY: JUNE 13, 2019 (5) DATUM/EPOCH: NAD83(2011) NAVD88
- (6) PUBLISHED/FIXED-CONTROL USE: NGS MONUMENT "MCDOWELL"
- (7) GEOID MODEL: GEOID12B (CONUS) (8) COMBINED GRID FACTOR(S): 0.99984487
- (9) UNITS: US SURVEY FEET

ALTA/NSPS CERTIFICATION:

TO: LISCHERONG DEVELOPMENT GROUP; CHICAGO TITLE INSURANCE COMPANY THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL

REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6(a), 7(a), 7(b)(1), 7(c), 8, 9, AND 13 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON AUGUST 25, 2019.

CHARLES E. BELL NCPLS, L-4804

DAT

PRELIMINARY FOR REVIEW AND APPROVAL

TOTAL AREA: 58,905SQ. FT. OR 1.3523 ACRE

| REVISIONS | ALTA/NSPS LAND TITLE SURVEY PREPARED FOR: |
|----------------------|---|
| | LISCHERONG DEVELOPMENT GROUP |
| | 1513,1515,1521, 1525, AND 1537 SOUTH MINT ST 404 WESTWOOD AVE CITY OF CHARLOTTE, MECKLENBURG COUNTY, N.C. DEED REFERENCE: 25356–701 AND 29556–49 TAX PARCEL NO: AS SHOWN HEREON |
| | R.B. PHARR & ASSOCIATES, P.A. |
| | SURVEYING & MAPPING LICENSURE ND: C-1471 420 HAWTHORNE LANE CHARLOTTE, N.C. 28204 TEL. (704) 376–2186 |
| REW: DRAWN: REVISED: | SCALE: DATE: FILE NO. |
| IR/BS PH/CB | 1" = 20' AUGUST 25, 2019 JOB NO. 90311 |

PLOTTED: 8/28/2019 G:\90\3\90311\DWG\90311.DWG

1529 & 1537 Mint Street CHARLOTTE, NORTH CAROLINA

CONTEXTUAL PLAN

21 AUGUST 2019

S. MINT STREET REDEVELOPMENT LANDSCAPE PLAN

CONCEPTUAL SITE PLAN

CHARLOTTE, NORTH CAROLINA

DATE: 08.27.19

Bloc Design

2923 S. Tryon Street, Suite 320 Charlotte, NC 28203 phone: 704-940-2883 www.bloc-nc.com

e architecture I planning I civil engineering

PROJECT NO.: 00658.00 NC FIRM#: P-1007, C-390 s/Projects000558 Mint St Redevelopment Exhibits20190510 - LDG - Marketing Site Plan100658 - C-GIS OPTION BB.dwg, 82772019 10:25 AM, jordan notalin, Bioc Design

1529 & 1537 South Mint Street

Charlotte, North Carolina

21 AUGUST 2019

PROPOSED MECHANICAL

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SITE PLAN

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Front Facade

Rear Facade

1529 South Mint Street Charlotte, North Carolina

Parking Facade

Westwood Ave. Facade

Existing Exterior Conditions

Front Facade

Rear Facade

21 August 2019

Parking Facade

Street View Facade

1529 South Mint Street

Charlotte, North Carolina

21 August 2019

1537 South Mint Street

Charlotte, North Carolina

