OAK STREET HALL DEMOLITION & ART STUDIO FACILITY

1001 W. MULBERRY STREET DENTON, TEXAS 76201

ISSUED FOR CONSTRUCTION: 11-09-2020
DRINKING FOUNTAINS
LAVATORIES
AND ADDITIONAL GRADUATE STUDIOS. THE ART STUDIO FACILITY (BUILDING ONE) IS PRIMARILY BRICK
28.
26.
401x478
28.
26.
ALL FEES, TAXES, PERMITS, APPLICATIONS, NOTICES, CERTIFICATIONS OF INSPECTION, AND FILING WITH
MATERIAL BE REQUIRED, AND SUCH WORK WILL BE DONE UNDER A SEPARATE CONTRACT.
FULLY DESCRIPTIVE PRODUCT DATA, SHOP DRAWINGS, SAMPLES, ETC. AS SPECIFIED SHALL BE SUBMITTED
INCONSISTENCIES IN THE CONTRACT DOCUMENTS IN A TIMELY MANNER. DO NOT PROCEED WITH
FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE SLAB U.N.O.
CONTRACTOR SHALL PATCH AS REQUIRED TO MATCH EXISTING ADJACENT UNDISTURBED CONSTRUCTION.
WHERE EXISTING CONSTRUCTION TO REMAIN IS DISTURBED DUE TO PROJECT SCOPE ACTIVITIES,
SMOKE RATING OF THE WALL. FIRE RATED PENETRATIONS SHALL BE LABELED WITH UL ASSEMBLY NO. AND
U.N.O IN THE CONTRACT DOCUMENTS.

LOCATION OF ART
LOCATION OF ART

PROJECT SUMMARY

INDEX OF DRAWINGS

INDEX OF DWGS.,
GEN. REG. NOTES,
PROJECT LOCATION
& SUMMARY, &
CODE REVIEW

G-001

GENERAL REQUIREMENTS NOTES

1. ALL WORK DATA AND INCLUDED APPENDIX C TO INCLUDE CONFORMING AND VARIOUS
2. FURTHER DETAIL OF THE REVISIONS TO THE CONTRACT DOCUMENTS, AS PER THE SPILLS,
3. ALL WORKS TO BE PERFORMED AS NEEDED TO RECOVER THE OWNER’S RESPONSE TO THE
4. WHICH SHOULDN’T BE MODIFIED TO THE CONTRACT.
5. CONSTRUCTION PERMITS TO INCLUDE Clarifications, SOFTWARE, AND MATERIALS NOT SPECIFIED
6. CONTRACTOR SIGNED NOTIFICATION OF THE CONTRACT OR PROJECT SHALL BE COMPLETE AT
7. THE LOCATION OF ART STUDIO FACILITY, LOCATION OF ART STUDIO FACILITY, LOCATION OF ART

INDEX OF DRAWINGS

LOCATION MAP

VICINITY MAP
CEP20-0059
CONSTRUCTION PLANS
FOR
UNT ART STUDIO FACILITY
MULBERRY STREET
DENTON, TX 76201
1.359 ACRES
CITY OF DENTON, DENTON COUNTY, TEXAS
NOVEMBER 2020

DRAWING SHEET INDEX
C00 COVER
C1 DEMOLITION PLAN
C1.1 OAK ST. HALL UTILITY & DEMOLITION PLAN
C1.2 FIRE COORDINATION PLAN
C2 ORIENTATION CONTROL PLAN
C3 GRADED PLAN
C4 EXISTING DRAINAGE AREA MAP
C5 PROPOSED DRAINAGE AREA MAP
C6 STORM SEWER PLAN
C6.1 STORM SEWER PROFILES
C6.2 HYDRAULIC CALCULATIONS
C7 WATER AND SEWER PLAN
C7.1 SANITARY SEWER PROFILE
C8 FRANCHISE CONDUIT PLAN
C9 PAVEMENT PLAN
C10 EROSION CONTROL PLAN
C11 PRIVATE ON FIRE PAVING DETAILS
C12 EROSION CONTROL DETAILS
C13-C22 CITY OF DENTON DETAILS
GRADING PLAN
UNT ART STUDIO FACILITY
1001 W. MULBERRY STREET
DEPARTMENT OF ENVIRONMENTAL SERVICES
CITY OF DENTON, DENTON COUNTY, TEXAS

GRADING & DRAINAGE GENERAL NOTES

BENCH MARK LIST

W. MULBERRY STREET

W. SYCAMORE STREET
PROPOSED DRAINAGE AREA MAP
UNT ART STUDIO FACILITY
1001 W. MULBERRY STREET
DENTON, TX 76201
CITY OF DENTON, DENTON COUNTY, TEXAS

S. WELCH STREET
W. MULBERRY STREET
W. SYCAMORE STREET
<table>
<thead>
<tr>
<th>Material</th>
<th>Quantity</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete</td>
<td>100 m³</td>
<td>Columns</td>
<td></td>
</tr>
<tr>
<td>Steel</td>
<td>5 tons</td>
<td>Beams</td>
<td></td>
</tr>
<tr>
<td>Glass</td>
<td>200 sqm</td>
<td>Windows</td>
<td></td>
</tr>
<tr>
<td>Electrical</td>
<td>500 m</td>
<td>Wires</td>
<td></td>
</tr>
</tbody>
</table>

**Project Details:**
- **Location:** 1001 W. Mulberry Street, Denton, Texas, 76201
- **Client:** University of North Texas System
- **Architect:** VAI Architects, Inc.

**Revision Details:**
- **Issue Date:** 11-09-2020
- **File No.:** 18012.001

**Notes:**
- All materials are in accordance with the latest building codes and regulations.
- The electrical system has been designed to meet energy efficiency standards.

**Acknowledgments:**
- © 2020 VAI Architects, Inc.
- 118 N. Ohio Street, Celina, TX 75009 ▪ 214.451.2765
PRIVATE ON-SITE PAVEMENT DETAILS

1. PAVEMENT CONNECTION
2. SAWED DUMMY JOINT
3. CONCRETE PAVEMENT SECTION
4. BOLLARD DETAIL
5. CONSTRUCTION JOINT
6. EXPANSION JOINT
7. CONCRETE CURB & GUTTER FOR ASPHALT PAVING
8. TURN DOWN WALL

CONCRETE CURB & GUTTER FOR ASPHALT PAVING
### Standard Details

**Wastewater Details**

<table>
<thead>
<tr>
<th>Date</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEC. 2016</td>
<td>3.0&quot; W</td>
</tr>
</tbody>
</table>

**Sheet Details**

- **File No.**: 118012.001
- **Issued For Construction**: Yes
- **Issue Date**: 11-09-2020

---

**City of Denton Details**

- **City Art Studio Facility**
- **1001 W. Mulberry Street**
- **Denton, TX 76201**
- **City of Denton, Denton County, Texas**
- **City of Denton Details**
- **C20**

---

© 2020 VAI Architects, Inc.

1901 Main Street
Dallas, Texas 75201

**Office Location**
- **560 Harrison Avenue, Suite 301**
- **Boston, Massachusetts 02118**
- **TX REG. ENGINEERING FIRM F-469**
- **TX REG. SURVEYING FIRM LS -10008000**
- **TX REG. ARCHITECTURAL FIRM BR 2430**

---

**Oak Street Hall Demolition & Art Studio Facility**

- **1001 W. Mulberry Street**
- **Denton, TX 76201**
- **Demolition & Art Studio Facility**
- **C20**

---

**Design Details**

- **Drawn by**: [Architect’s Name]
- **Issued by**: [Owner’s Name]
- **Checked by**: [Architect’s Name]
- **Consultant**: [Consultant’s Name]
- **Seal / Disclaimer**
  - TX REG. ENGINEERING FIRM F-469
  - TX REG. SURVEYING FIRM LS -10008000
  - TX REG. ARCHITECTURAL FIRM BR 2430

---

**City of Denton Details**

- **Project #:** 118012.001
- **Issued For Construction**: Yes
- **Issue Date**: 11-09-2020

---

**Val Koch**

118 N. Ohio Street
Celina, TX 75009 ▪ 214.451.2765
**TREE MITIGATION NOTES**

**TREE MITIGATION SUMMARY**

<table>
<thead>
<tr>
<th>TREE MITIGATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TREES TO BE MITIGATED</strong></td>
</tr>
<tr>
<td><strong>NEW TREE INCHES PLANTED</strong></td>
</tr>
</tbody>
</table>

**TREES TO BE MITIGATED**

- 4 - 4" CAL. SHUUMAD RED OAK (1.125 SYTREES = 5.024 SF TOWARDS TREE CANOPY COVERAGE)
- 7 - 4" CAL. CEDAR ELM (1.125 SYTREES = 8.792 SF TOWARDS TREE CANOPY COVERAGE)

**TOTAL SURPLUS OR DEFICIT (INCHES)**

- 75 (DEFICIT)

**TOTAL TREE CANOPY COVERAGE**

- 13,166 SF

**Tree Survey Field Data**

<table>
<thead>
<tr>
<th>TREE ID</th>
<th>DIA. (INCHES)</th>
<th>TREE SPECIES (COMMON NAME)</th>
<th>TREE SPECIES (BOTANICAL)</th>
<th>CONDITION</th>
<th>REMOVE/STAY</th>
<th>TREE CLASSIFICATION</th>
<th>REPLACEMENT RATIO</th>
<th>INCHES TO BE MITIGATED</th>
</tr>
</thead>
<tbody>
<tr>
<td>7545</td>
<td>24</td>
<td>PECAN</td>
<td>CARYA ILICINENSIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>VALUABLE TREE</td>
<td>1:1</td>
<td>24.0</td>
</tr>
<tr>
<td>7546</td>
<td>22</td>
<td>PECAN</td>
<td>CARYA ILICINENSIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>VALUABLE TREE</td>
<td>1:1</td>
<td>22.0</td>
</tr>
<tr>
<td>7703</td>
<td>20</td>
<td>PECAN</td>
<td>CARYA ILICINENSIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>VALUABLE TREE</td>
<td>1:1</td>
<td>20.0</td>
</tr>
<tr>
<td>2105</td>
<td>22</td>
<td>MULTISTRUMP HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>22.0</td>
</tr>
<tr>
<td>2107</td>
<td>10</td>
<td>HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>10.0</td>
</tr>
<tr>
<td>8088</td>
<td>17</td>
<td>MULTISTRUMP HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>17.0</td>
</tr>
<tr>
<td>8033</td>
<td>36</td>
<td>OAK</td>
<td>QUERCUS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>VALUABLE TREE</td>
<td>1:1</td>
<td>36.0</td>
</tr>
<tr>
<td>3548</td>
<td>8</td>
<td>HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>8.0</td>
</tr>
<tr>
<td>7528</td>
<td>6</td>
<td>HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>6.0</td>
</tr>
<tr>
<td>7327</td>
<td>6</td>
<td>HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>6.0</td>
</tr>
<tr>
<td>7546</td>
<td>10</td>
<td>HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>10.0</td>
</tr>
<tr>
<td>7550</td>
<td>11</td>
<td>LIVE OAK</td>
<td>QUERCUS VIRGINIANA</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>11.0</td>
</tr>
<tr>
<td>7551</td>
<td>17</td>
<td>HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>17.0</td>
</tr>
<tr>
<td>7643</td>
<td>24</td>
<td>PECAN</td>
<td>CARYA ILICINENSIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>VALUABLE TREE</td>
<td>1:1</td>
<td>24.0</td>
</tr>
<tr>
<td>5553</td>
<td>14</td>
<td>HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>14.0</td>
</tr>
<tr>
<td>2107</td>
<td>20</td>
<td>MULTISTRUMP HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>20.0</td>
</tr>
<tr>
<td>8107</td>
<td>16</td>
<td>HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>16.0</td>
</tr>
<tr>
<td>8106</td>
<td>14</td>
<td>HICKERBY</td>
<td>CELTS OCCIDENTALIS</td>
<td>GOOD</td>
<td>REMOVE</td>
<td>SECONDARY TREE</td>
<td>1:1</td>
<td>14.0</td>
</tr>
</tbody>
</table>

**Tree Protection Fencing**

- ***PROPOSED TREES INCLUDE***:
  - 4 - 4" CAL. SHUUMAD RED OAK (1.125 SYTREES = 5.024 SF TOWARDS TREE CANOPY COVERAGE)
  - 7 - 4" CAL. CEDAR ELM (1.125 SYTREES = 8.792 SF TOWARDS TREE CANOPY COVERAGE)

*ANY TREE INCH DEFICIT WILL BE MADE UP ELSEWHERE ON UNT CAMPUS*
### PLANTING GENERAL NOTES

1. All plants shall be set out for approval by the owner prior to landscape construction.
2. Tree plantings shall be performed in a manner to be landscaped. The use and placement of landscape materials shall be performed in an aesthetically pleasing manner.
3. The contractor shall locate all utility and drainage in the field and shall refer to the landscape plans for additional information.
4. Written changes shall be accepted over scaled drawings.
5. All plans are for the contractor's use, and requirements associated with the landscape are contractor's responsibility.

### PLANT SCHEDULE

<table>
<thead>
<tr>
<th>TREES</th>
<th>BOTANICAL / COMMON NAME</th>
<th>SIZE / COND</th>
<th>QTY</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>US</td>
<td>Ulmus americana / Shantung Red Oak</td>
<td>4&quot; CAL. MIN.</td>
<td>4</td>
<td>CONT., SINGLE, STRAIGHT LEADER, MATCHING, MIN. 10-12' HT X 5'-6&quot; WIDE</td>
</tr>
<tr>
<td>UC</td>
<td>Ulmus crassifolia / Cedar Elm</td>
<td>4&quot; CAL. MIN.</td>
<td>7</td>
<td>CONT., SINGLE, STRAIGHT LEADER, MATCHING, MIN. 10-12' HT X 5'-6&quot; WIDE</td>
</tr>
</tbody>
</table>

### SHRUBS

<table>
<thead>
<tr>
<th>NAME / COMMON NAME</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ilex vomitoria / Yaupon Holly</td>
<td>60</td>
</tr>
<tr>
<td>Ilex x 'Nellie R Stevens' / Nellie Stevens Holly</td>
<td>100</td>
</tr>
</tbody>
</table>

### CACTUS/SUCCESSIONAL

<table>
<thead>
<tr>
<th>BOTANICAL / COMMON NAME</th>
<th>QTY</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opuntia ficus-indica / Nopal / Opuntia Stricta</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>Prosopis juliflora / Mesquite</td>
<td>72</td>
<td></td>
</tr>
</tbody>
</table>

### SOILS

<table>
<thead>
<tr>
<th>BOTANICAL / COMMON NAME</th>
<th>QTY</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prunus serotina</td>
<td>425 sf</td>
<td>ROLLED TIGHT, NO JOINTS, 100% WOE, PEST AND DISEASE FREE</td>
</tr>
<tr>
<td>Liriodendron tulipifera / Tulip Poplar</td>
<td>240 sf</td>
<td>ROLLER TIGHT, NO JOINTS, 100% WEED, PEST AND DISEASE FREE</td>
</tr>
</tbody>
</table>

### RIVER ROCK SPECIFICATIONS

1. **Black Steel Edging** 3/4" x 3/8" x 8 ft. Long will be used at all points where stone is required. The steel will be mounted on a support block of either 4" x 4" concrete or galvanized pipe and attached with 3/4" x 3/8" metal rod at the top, bottom, and every foot. The steel will be painted a black finish.
2. **Mexican Beach Pebble** Rock shall consist of Mexican Beach Pebbles, stones 3"-5" minimum, and will be used as a landscape feature.
3. **Cedar Elm** A 5-6 ft. wide, single, straight leader will be used.
4. **Shumard Red Oak** A 5-6 ft. wide, single, straight leader will be used.

### LANDSCAPE CALCULATIONS SUMMARY

<table>
<thead>
<tr>
<th>LANDSCAPE AND TREE CANOPY COVERAGE</th>
<th>REQUIRED</th>
<th>PROVIDED</th>
<th>CALCULATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL AREA (2,4430 SF - PROPOSED BUILDING FOOTPRINT) (27.876 \text{ SF} \times 56.354 \text{ SF} = 56.354 \text{ SF})</td>
<td>8,463 SF</td>
<td>26,376 SF</td>
<td>(56.354 \times 0.15 = 8.463)</td>
</tr>
<tr>
<td>ZONE: FF - LANDSCAPE AREA (15%) (8,463 \text{ SF})</td>
<td>8,463 SF</td>
<td>13,615 SF</td>
<td>(11 \text{ LARGE TREES} \times 1.25 = 13.615 \text{ SF})</td>
</tr>
</tbody>
</table>

*CALCULATIONS FROM DENTON CODE OF ORDINANCES (JUNE 8, 2020) AND SITE DESIGN CRITERIA MANUAL (2020)

**EXCESS OF TREES DUE TO GUIDELINES AND REQUIREMENTS OF UNIT**
1. **CANOPY TREE PLANTING**
   - Step 1: Excavate hole to depth of 1'-0" plus 1' extra on all sides.
   - Step 2: Set tree plumb.
   - Step 3: Leave trunk flare.
   - Step 4: Set tree in the hole.
   - Step 5: Add 3" compost & till into 6" existing soil, planting soil in shrub beds:
     - Step 6: Preparing soil in areas & shall create smooth, clean separation between plantings and adjacent curb or sidewalk.

2. **TYPICAL SHRUB PLANTING**
   - Step 1: Excavate hole to depth of 1'-0" plus 1' extra on all sides.
   - Step 2: Set tree plumb.
   - Step 3: Leave trunk flare.
   - Step 4: Set tree in the hole.
   - Step 5: Add 3" compost & till into 6" existing soil, planting soil in shrub beds:
     - Step 6: Preparing soil in areas & shall create smooth, clean separation between plantings and adjacent curb or sidewalk.

3. **STEEL EDGING AT PLANTING**
   - Step 1: Excavate hole to depth of 1'-0" plus 1' extra on all sides.
   - Step 2: Set tree plumb.
   - Step 3: Leave trunk flare.
   - Step 4: Set tree in the hole.
   - Step 5: Add 3" compost & till into 6" existing soil, planting soil in shrub beds:
     - Step 6: Preparing soil in areas & shall create smooth, clean separation between plantings and adjacent curb or sidewalk.

4. **TURF AND TOPSOIL PROFILE**
   - Step 1: Excavate hole to depth of 1'-0" plus 1' extra on all sides.
   - Step 2: Set tree plumb.
   - Step 3: Leave trunk flare.
   - Step 4: Set tree in the hole.
   - Step 5: Add 3" compost & till into 6" existing soil, planting soil in shrub beds:
     - Step 6: Preparing soil in areas & shall create smooth, clean separation between plantings and adjacent curb or sidewalk.

5. **TYPICAL STONE MULCH SECTION**
   - Step 1: Excavate hole to depth of 1'-0" plus 1' extra on all sides.
   - Step 2: Set tree plumb.
   - Step 3: Leave trunk flare.
   - Step 4: Set tree in the hole.
   - Step 5: Add 3" compost & till into 6" existing soil, planting soil in shrub beds:
     - Step 6: Preparing soil in areas & shall create smooth, clean separation between plantings and adjacent curb or sidewalk.
IRRIGATION GENERAL NOTES

1. POINT OF CONNECTION IS APPROVED BY THE CITY OF DENTON. ANY CHANGES TO THIS LOCATION WILL REQUIRE A NEW APPROVAL.

2. A COMPLETE AND ACCURATE LIST OF EXISTING UTILITIES WILL BE PROVIDED ALONG WITH THE SITE PLANS. ANY ALTERATIONS TO THE UTILITIES WILL REQUIRE PRIOR APPROVAL FROM THE CITY OF DENTON.

3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATION OF ALL WATER METER SITES WITH THE CITY OF DENTON. APPROVAL IS REQUIRED PRIOR TO INSTALLATION.

4. CONTRACTOR SHALL EXAMINE THE PLANS IN THEIR ENTIRETY TO DETERMINE THE APPROXIMATE LOCATION OF EXISTING AND PROPOSED UTILITIES. HE SHALL ALSO CONTACT THE APPROPRIATE AUTHORITY TO MARK UTILITIES ON THE SITE. THE IRRIGATION CONTRACTOR IS RESPONSIBLE TO EXAMINE THE PLANS IN THEIR ENTIRETY TO DETERMINE THE APPROXIMATE LOCATION OF EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL DEMONSTRATE TO THE OWNER'S REPRESENTATIVE THAT IT IS LOCATED IN THE AREA SHOWN AND IS OF THE SIZE REQUIRED TO TAKE PRECEDENCE OVER THOSE STATED ABOVE.

5. CONTRACTOR MAY PROVIDE ANOTHER PIPE ROUTE IF LOCATION IS PROVIDED PRIOR TO BEGINNING THE WORK. CONTRACTOR SHALL EXAMINE THE DETAILS AND SPECIFICATIONS FOR THE IRRIGATION SYSTEM, INCLUDING ANY DATA OR MASTER VALVE WIRING AS REQUIRED. CONTRACTOR SHALL COORDINATE WITH THOSE INSTALLING THE IRRIGATION METER TO ASSURE THE POINT OF CONNECTION IS APPROXIMATE. IRRIGATION CONTRACTOR SHALL PRODUCE TOOLS. SHOULD ROOTS OVER 3” IN DIAMETER BE ENCOUNTERED, THE CONTRACTOR SHALL STAKE OUT IN THE FIELD ALL PRINCIPLE SYSTEM COMPONENTS FOR PROPERTY LINE FOR PLAN CLARITY PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO EXAMINE THE PLANS IN THEIR ENTIRETY TO DETERMINE THE APPROXIMATE LOCATION OF EXISTING AND PROPOSED UTILITIES. ANY GUIDELINES FROM UNT STANDARD SPECIFICATIONS IN CONFLICT WILL TAKE PRECEDENCE OVER THOSE STATED ABOVE.

6. PRESSURE PRIOR TO BEGINNING THE WORK. CONTRACTOR SHALL EXAMINE THE DETAILS AND SPECIFICATIONS FOR THE IRRIGATION SYSTEM, INCLUDING ANY DATA OR MASTER VALVE WIRING AS REQUIRED. CONTRACTOR SHALL PRODUCE TOOLS. SHOULD ROOTS OVER 3” IN DIAMETER BE ENCOUNTERED, THE CONTRACTOR SHALL STAKE OUT IN THE FIELD ALL PRINCIPLE SYSTEM COMPONENTS FOR PROPERTY LINE FOR PLAN CLARITY PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO EXAMINE THE PLANS IN THEIR ENTIRETY TO DETERMINE THE APPROXIMATE LOCATION OF EXISTING AND PROPOSED UTILITIES. ANY GUIDELINES FROM UNT STANDARD SPECIFICATIONS IN CONFLICT WILL TAKE PRECEDENCE OVER THOSE STATED ABOVE.

7. CONTRACTOR SHALL PRODUCE A COMPLETE BILL OF MATERIALS FOR THE IRRIGATION SYSTEM, INCLUDING ALL DEVIATIONS FROM THE PROPOSED PLAN.

8. AS-BUILT DOCUMENTS.

IRRIGATION NOTES AND SCHEDULE

UNT ARTS FACILITY
MULBERRY STREET
DENTON, TX 76201
CITY OF DENTON, DENTON COUNTY, TEXAS
CONSTRUCTION

Valve Size
Valve Number
DATE

Irrigation Mainline: PVC Schedule 40
Irrigation Lateral Line: PVC Pipe Sch 40
Water Meter 2"
Allow for irrigation piping and their related couplings to

SiteControl, and ESP-LXD Central Control Systems. Plastic
1-1/2" Flow Sensor for use with Rain Bird Maxicom,
Rain Bird FS-150-P
Rain Bird RSD-BEx
Rain Bird ESP12LXMEF
Weathermatic 8200CR - 15D
Weathermatic 8200CR - 10D
Weathermatic 8200CR - 15D
Weathermatic 8200CR - 10D

100.0 GPM. Sensors should be sized for flow rather than

Febco 825Y 2"
Brass Remote Control Valve, 2"
Brass Remote Control Valve, 1 1/2"
Brass Remote Control Valve, 1"
Weathermatic 8200CR - 15D
Weathermatic 8200CR - 10D
Weathermatic 8200CR - 15D
Weathermatic 8200CR - 10D

17mm. emitters at 12” O.C. Dripline laterals spaced at 18” apart,
with Check Valve and Anti-Siphon feature. 0.53 GPH
Netafim TLHCVXR-053-18
Area to Receive Dripline
Medium Flow Drip Control Kit, 1” DV valve, 1” pressure
Rain Bird XCZ-100-PRF

Turf Rotary, 8`-14` 45-270 degrees and 360 degrees.
Hand Adjustable Multi-Stream Rotary w/1800 turf spray
Rain Bird R-VAN24 1804-SAM-P45
Rain Bird R-VAN18 1804-SAM-P45
Rain Bird R-VAN14 1804-SAM-P45

body on 4.0" pop-up, with check valve and 45 psi in-stem
pressure
Hand Adjustable Multi-Stream Rotary w/1800 turf spray
Rain Bird R-VAN24 1804-SAM-P45
Rain Bird R-VAN18 1804-SAM-P45
Rain Bird R-VAN14 1804-SAM-P45

Circle. Standard Angle Nozzle.
Turf Rotor, 4.0" Pop-Up, Plastic Riser. Adjustable and Full

body on 4.0" pop-up, with check valve and 45 psi in-stem
pressure
INT. PLAN DETAIL AT AV CLOSET
RATED WALLS

INT. PLAN DETAIL AT AV CLOSET

ENLARGED PLAN AT AV CLOSET & FAB LAB CLEAN

1001 W. MULBERRY STREET

PLAM. COUNTER AT FACILITY

FAB LAB CLEAN

INSUL.

EQ

3D PRINTER, REF. D6

07

FACILITY

vai project no:

03

08

02

01

1" = 1'-0"

1'-2 1/2"

RUNNING BOND,

16" O.C. MAX.

PLAM ON 1" PLYWOOD

CABINETS, TYP.

CONSTRUCTION

D6-1
1. All roof to wall/curb flashings shall extend to 8" minimum height above roof membrane.
2. Prefab. insulated MTL. roof curb anchored to WD. blkg.
3. Resists a vertical load of 200 lbs./ft. or the design load, whichever is greater. For wood nailers, member shall have at least 2 fasteners. A fastener shall be located approximately 4" but not less than 1'-0" minimum.
4. Compatibility with roofing system.
5. All fasteners that are in contact with treated wood shall have a gasketed steel fastener at 24" O.C. max., min. of 2 per side.
6. Equivalent systems by the Patex Company are also acceptable.
7. Multiple-ply membrane roofing system.
8. Air barrier/dampproofing system, lapped 24" min. clearance from valley to rooftop equipment or other projection.
NRCA DETAILS SHOWN ARE GUIDELINES TO ESTABLISH MINIMUM STANDARD. ROOFING MANUFACTURER’S
STANDARD DETAILS MAY BE USED IN ACCORDANCE WITH SPECIFICATIONS & IF APPROVED BY ARCHITECT
THROUGH SUBMITTAL PROCESS AS SPECIFIED.

ALL WOOD NAILERS & BLOCKING USED AT ROOF SHALL BE PRESSURE TREATED WITH PRESERVATIVE THAT
COMPLIES WITH SPECIFICATIONS & ROOFING MANUFACTURER’S RECOMMENDATIONS INCLUDING COMPATIBILITY
WITH ROOFING SYSTEM. ALL FASTENERS THAT ARE IN CONTACT WITH TREATED WOOD NAILERS & BLOCKING
SHALL BE CORROSION-RESISTANT & CERTIFIED BY THE FASTENER MANUFACTURER FOR USE WITH THE
PRESERVATIVE TREATMENT. CARBON STEEL, ALUMINUM, AND ELECTROPLATED GALVANIZED STEEL FASTENERS
SHALL NOT BE USED. ALUMINUM FLASHINGS AND ACCESSORIES SHALL NOT BE INSTALLED IN DIRECT CONTACT
WITH TREATED WOOD.

ALL ROOF TO WALL/CURB FLASHINGS SHALL EXTEND TO 8" MINIMUM HEIGHT ABOVE ROOF SURFACE U.N.O.

GENERAL ROOFING NOTES

NOTE BY VAI: 1. DO NOT PROVIDE OPTIONAL EXPOSED GUTTER BRACKET SUPPORTS AT GUTTERS EXPOSED TO
PUBLIC VIEW. PROVIDE CONCEALED SUPPORT SYSTEM AS REQD.

NOTE BY VAI: 1. PROVIDE OPTIONAL INSULATION AROUND STACK
1. PARTITION LETTER/WIDTH NUMBER AS FOLLOWS:
   - S indicates a smoke resistant partition
   - 1 indicates a 1 hour fire rated partition
   - 2 indicates a 2 hour fire rated partition
   - 3 indicates a 3 hour fire rated partition
   - 4 indicates a 4 hour fire rated partition

3. Sound attenuation batts shall be 3" thick at 3 5/8" studs & 5" thick at 6" raceway.

6. Refer to schedules & details for finish - partition types refer to base schedule.

9. Brace all partitions not extending to structure or not attached to floor or roof structure & at the interface with dissimilar materials. Coordinate control joints separated horizontally by a min. of one stud or one CMU cell wall. Also, fire rating non-rated at fire rated gypsum board partitions: horizontal separation distance as indicated. Laterally brace stud framing as req'd.

21. Electrical receptacles, switch boxes & similar recessed devices on exterior.

25. Interior metal stud framing for walls to receive cement board in lieu of metal slotted deep leg deflection track for ceiling as sched. (where occurs) metal studs @ 16" O.C. max.

26. Interior metal framing for walls to receive cement board in lieu of metal slotted deep leg deflection track for ceiling as sched. (where occurs) metal studs @ 16" O.C. max.

31. Provide cont. USG no. 200-b metal trim (or approved eq.) & 1/4" (or 1/8" where noted) wall base trim as sched.
**Door Schedule**

<table>
<thead>
<tr>
<th>Door No</th>
<th>Door Type</th>
<th>Frame Type</th>
<th>Material</th>
<th>Finish</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>D001</td>
<td>Steel</td>
<td>Steel</td>
<td>Galv.</td>
<td>Paint</td>
<td>1st Floor</td>
</tr>
<tr>
<td>D002</td>
<td>Steel</td>
<td>Steel</td>
<td>Galv.</td>
<td>Paint</td>
<td>1st Floor</td>
</tr>
<tr>
<td>D003</td>
<td>Steel</td>
<td>Steel</td>
<td>Galv.</td>
<td>Paint</td>
<td>1st Floor</td>
</tr>
</tbody>
</table>

**Door Frame Details**

- **Typical Jamb and Anchor for Metal Frame**
- **Int. Door Head Detail at Gypsum Board**
- **Int. Door Jamb Detail at Gypsum Board**
- **Louver Elevation - L1 & L2**
- **Louver Elevation - L3**

**DOOR FRAME & HDWR. GENERAL NOTES**

- Provide outside pull & inside lever hardware, no panic hardware required.
- Doors & 1/4" F.R. Safety Glass at Fire Rated Doors
- Card Reader Access, provide electrical rough-in for door.

**DOOR SCHEDULE REMARKS**

- TAS/ADA requirements for Maneuvering Clearance at Swinging Door or Gate
- Provide removable door stops around entire door frame (jamb, head).
### ROOM FINISH SCHEDULE

<table>
<thead>
<tr>
<th>ROOM NUMBER</th>
<th>ROOM NAME</th>
<th>FLOORS</th>
<th>WALLS</th>
<th>CASEWORK</th>
<th>CEILING</th>
<th>REMARKS</th>
<th>FINISH</th>
<th>BASE</th>
<th>NORTH</th>
<th>EAST</th>
<th>SOUTH</th>
<th>WEST</th>
<th>BASE</th>
<th>CABINETS</th>
<th>UPPER CABINETS</th>
<th>COUNTERTOP</th>
<th>SPLASH FINISH</th>
<th>FINISH</th>
<th>FINISH</th>
<th>FINISH</th>
<th>FINISH</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>CENTRAL LOBBY</td>
<td>SC</td>
<td>RB-1</td>
<td>PT</td>
<td>PT</td>
<td>PT</td>
<td>OPEN</td>
<td>PAINT</td>
<td>EXPOSED STRUCTURE</td>
<td>102 CIRCULATION</td>
<td>SC</td>
<td>RB-1</td>
<td>PT</td>
<td>PT</td>
<td>PT</td>
<td>OPEN</td>
<td>PAINT</td>
<td>EXPOSED STRUCTURE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>103 CIRCULATION</td>
<td>SC</td>
<td>RB-1</td>
<td>PT</td>
<td>PT</td>
<td>PT</td>
<td>OPEN</td>
<td>PAINT</td>
<td>EXPOSED STRUCTURE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>104 CIRCULATION</td>
<td>SC</td>
<td>RB-1</td>
<td>PT</td>
<td>PT</td>
<td>PT</td>
<td>OPEN</td>
<td>PAINT</td>
<td>EXPOSED STRUCTURE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>105 CIRCULATION</td>
<td>SC</td>
<td>RB-1</td>
<td>PT</td>
<td>PT</td>
<td>PT</td>
<td>OPEN</td>
<td>PAINT</td>
<td>EXPOSED STRUCTURE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>106 CIRCULATION</td>
<td>SC</td>
<td>RB-1</td>
<td>PT</td>
<td>PT</td>
<td>PT</td>
<td>OPEN</td>
<td>PAINT</td>
<td>EXPOSED STRUCTURE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### FINISH MATERIAL LEGEND

<table>
<thead>
<tr>
<th>#</th>
<th>DESCRIPTION</th>
<th>MANUFACTURER</th>
<th>COLLECTION</th>
<th>COLOR</th>
<th>FINISH</th>
<th>SIZE</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP-1</td>
<td>ACOUSTIC PANEL - DIRECT ATTACH</td>
<td>ARMSTRONG TECTUM</td>
<td>FINALE</td>
<td>TECTUM WHITE</td>
<td>24&quot; X 48&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APC-1</td>
<td>ACOUSTICAL PANEL CEILING TILE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td></td>
<td></td>
</tr>
<tr>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td>...</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

© 2020 VAI Architects, Inc. 1901 MAIN STREET DALLAS, TEXAS 75201
1. A TACTILE "EXIT" SIGN IS REQUIRED BY THE BUILDING CODE AT ALL EXIT DOORS FROM THE BUILDING.
2. SIGN SHALL BE PERMANENTLY MOUNTED IN A CONSPICUOUS PLACE WHERE DIRECTED BY THE AHJ.
3. IDENTIFICATION SIGNS FOR ACCESSIBLE RESTROOMS SHALL INCLUDE A PICTOGRAM OF THE MALTESE CROSS SYMBOL.
4. EACH SECTION OF THE MALTESE CROSS SYMBOL SHALL CONTAIN INFORMATION AS FOLLOWS:
   - TOP WING- "RESTROOM"
   - MIDDLE WING- "FEMALE"
   - BOTTOM WING- "MALE"
   - CENTER CROSS- "ACCESSIBLE"
5. CONTRACTOR SHALL CONFIRM EXACT SIGN WORDING & NUMBERING WITH OWNER.
6. SIGN TYPES SHOWN ARE BASIS-OF-DESIGN EXAMPLES. CONTRACTOR SHALL CONFIRM SPECIFIC SIGN TEXT FOR ACTUAL PROJECT. CONTRACTOR SHALL CONFIRM SPECIFIC INFORMATION TO BE DISPLAYED IN SIGN FOR ACCESSIBLE RESTROOM IDENTIFICATION.
7. CONTRACTOR SHALL CONFIRM EXACT SIGN WORDING & NUMBERING WITH OWNER.
8. SIGN TYPES SHOWN ARE BASIS-OF-DESIGN EXAMPLES. CONTRACTOR SHALL CONFIRM SPECIFIC SIGN TEXT FOR ACTUAL PROJECT. CONTRACTOR SHALL CONFIRM SPECIFIC INFORMATION TO BE DISPLAYED IN SIGN FOR ACCESSIBLE RESTROOM IDENTIFICATION.
1. Casework shall be countersurface, solid surface, epoxy resin, laminate, or stone material. Wood, metal, and other materials may be used as specified.

2. All metal casework shall be fabricated with a 1/4" minimum thickness。

3. Casework shall be designed to accommodate a minimum of 3" clearance between the top edge and the countertop or backsplash.

4. Where indicated and/or scheduled, provide transparent finish over wood, solid surface, epoxy resin, and/or stone materials.

5. Casework shall be fabricated with a 1/4" minimum thickness.

6. All metal casework shall be securely attached to the wall or framing to prevent movement.

7. Dimensions noted as clear (CLR.) are from the face of the finished wall/partition surface, finished surface of casework, and top face of wall.

8. For MDF or particle board, shelf spans longer than 32" and up to a maximum of 42" shall be 1" thick. For veneer core plywood, shelf spans longer than 36" and up to a maximum of 48" shall be 1" thick.

9. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

10. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

11. Upper cabinets that are 2'-6" to 3'-6" overall height shall have (2) adjustable shelves. Upper cabinets that are more than 1'-6" to less than 2'-6" overall height shall have (1) adjustable shelf.

12. Accessible countertop or sink rim height shall be 2'-10" max. A.F.F.

13. Support brackets shall be 1 1/2" x 1 1/2" x 16 ga. min. stainless steel angle cleat at ends and back, and shall be positioned and installed as required.

14. Concealed support brackets shall be used as indicated.

15. Stainless steel countertops shall be fabricated using a 3/4" thick substrate. Where bracket spacing is 2'-8" max., a 5/8" thick substrate may be used.

16. Casework shall be fabricated with a 3/4" minimum thickness.

17. All metal casework shall be securely attached to the wall or framing to prevent movement.

18. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

19. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

20. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

21. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

22. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

23. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

24. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

25. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

26. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

27. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

28. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

29. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

30. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

31. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.

32. Where specified and approved by the architect, 1/4" diameter bored hole adjustable shelf support systems may be provided in metal studs at 16" o.c. max.
OWNER TO VERIFY QUANTITY. PROVIDE DUCTED EXHAUST- REF. MECH. PROVIDE POWER- REF. ELEC. PROVIDE GAS - REF. PLBG. PROVIDE POWER & DATA- REF. ELEC. & TECH. REF. PLBG. DRAWINGS 4. 5. 6. 7. 8. 9.
Q-111D
FURNITURE & EQUIPMENT PLAN-AREA D
KEY PLAN

EQUIPMENT SCHEDULE

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
<th>FURNISHED BY</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE-001</td>
<td>ELECTRIC POTTERY WHEEL</td>
<td>21</td>
<td>6CE-001A INSTRUCTOR</td>
</tr>
<tr>
<td>GD-011</td>
<td>55 GALLON STEEL DRUM</td>
<td>1</td>
<td>GD-012 SPILL CONTAINMENT PLATFORM</td>
</tr>
<tr>
<td>GD-013</td>
<td>RED KICK OILY WASTE CAN</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GD-080</td>
<td>EYEWASH UNIT</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

AS 11/09/2020

© 2020 VAI Architects, Inc.
1901 MAIN STREET
DALLAS, TEXAS 75201
architects

11/09/2020

Q-111D
FURNITURE & EQUIPMENT PLAN-AREA D
KEY PLAN

UNIVERSITY OF NORTH TEXAS SYSTEM
500 MAIN STREET
DENTON, TEXAS 76201
01/09/2020

ISSUED FOR CONSTRUCTION
OAK STREET HALL DEMOLITION & ART STUDIO FACILITY
1001 W. MULBERRY STREET
DENTON, TEXAS 76201

scale: 1/4" = 1'-0"
3. THE STRUCTURAL FLOOR AND ROOF FRAMING IS CONSIDERED TO BE "RESTRAINED" IN ACCORDANCE WITH THE...
35'-0" MINIMUM DEPTH

ESTIMATED DEPTH TO BEARING STRATUM

WALL AND BEAM VOID

PROVIDE 3 SIDE SPACERS AT BOTTOM OF SEE PIER

NO SCALE

2" TYP.

ACCORDANCE WITH EXPANSIVE WALL ARE SAME SIZE AND

13. PIERS SHALL NOT BE LARGER THAN THE DIAMETER SHOWN (PLUS 2-INCH TOLERANCE) IN ORDER TO LIMIT

DRY AUGURING PRIOR TO INTRODUCING DRILLING MUD.

SPECIFIED AT ONE INCH IN TEN FEET OF THE SHAFT LENGTH, AND SHOULD BE CHECKED TO THE FULL DEPTH OF

TO BE DRILLED. DISTURBED AREAS SHALL BE RECOMPACTED.

MEASURED DEPTH OF THE PIER. SPLICES IN VERTICAL REINFORCING SHALL BE 65 BAR DIAMETERS, AND

DELIVERED TO THE JOBSITE IN STANDARD STOCK LENGTHS AND CUT AS REQUIRED BY THE ACTUAL FIELD

PIER SIZES, REINFORCING, AND DEPTHS ARE SHOWN IN THE PIER SCHEDULE ON SHEET S-301.

IF CARTON FORMS ARE USED TO CONSTRUCT VOIDS, THEY MUST COMPLY WITH THE

SEPARATED FROM EXPANSIVE CLAY. SEE 10A, 10B, 10D & 10G/S-301.

CARTON FORMS UNDER THE DEAD WEIGHT OF THE CONCRETE.

WHICH THE CONCRETE MAINTAINS A SLUMP OF OVER 4 IN. IN ACCORDANCE WITH ARTICLE 416.2.,

BUTT CARTON FORMS INTO SIDES OF PIER. DO NOT LEAVE GAP BETWEEN FACE OF PIER

5

RS

10

w

8

s

TYPICAL CASED

void

4

PLC

1

w

h

3

15

24

10

6

9

20

4

6

20

24

10

oh

20

10

9

15

24

w

3

11

4

6

20

4

9

15

10

6

20

24

w

10

20

9

15

6

24

20

10

10

9

w

15

4

6

20

6

9

15

24

10
DRAIN OR FLOOR SINK BELOW.
**DX ROOFTOP UNIT WITH NATURAL GAS HEAT SCHEDULE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Make and Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DUCTLESS SPLIT DX HEAT PUMP SCHEDULE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Make and Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AIR DEVICE SCHEDULE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Make and Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LOUVER SCHEDULE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Make and Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SINGLE DUCT VAV BOX WITH ELECTRIC HEATING SCHEDULE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Make and Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**UNIT HEATER SCHEDULE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Make and Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FAN SCHEDULE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Make and Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DUST COLLECTOR SCHEDULE**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Make and Model</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

1. PROVIDE PACKAGED UNIT WITH SINGLE POINT POWER CONNECTION. OUTDOOR UNIT POWERS INDOOR UNIT.
2. PROVIDE 4-WAY THROW UNLESS OTHERWISE INDICATED ON PLAN.
3. PROVIDE UNIT MARK.
4. PROVIDE EXTERNAL STATIC PRESSURE ("WG") INCLUDES DUCTWORK, BALANCING DAMPERS AND AIR DEVICES ONLY.
5. PROVIDE SUPPLY FAN WITH VARIABLE FREQUENCY DRIVE WITH SHAFT GROUNDING.
6. PROVIDE AIR Coolers for Pre-cooling the Air Flow.
7. PROVIDE WITH VARIABLE SPEED COAXIAL-GEARS COMPRESSOR.
8. PROVIDE WITH BUILT-IN HANDHELD REMOTE CONTROL.
PROVIDE (1) 1" CONDUIT AT OUTSIDE WALL FOR WIRING CIRCUITS FOR RECEPTACLES IN GRADUATE STUDIO.
<table>
<thead>
<tr>
<th>TYPE</th>
<th>DESCRIPTION</th>
<th>MOUNTING</th>
<th>LAMPS</th>
<th>KEVIN TEMP</th>
<th>VOLS</th>
<th>MANUFACTURER</th>
<th>CATALOG NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4&quot; LENSED LINEAR</td>
<td>SUSPENDED</td>
<td>40W LED</td>
<td>3000</td>
<td>3822</td>
<td>UNIV</td>
<td>MERCURY</td>
</tr>
<tr>
<td>AE</td>
<td>SAME AS TYPE A EXCEPT WITH EMERGENCY BATTERY PACK</td>
<td>SUSPENDED</td>
<td>40W LED</td>
<td>3000</td>
<td>3822</td>
<td>UNIV</td>
<td>MERCURY</td>
</tr>
<tr>
<td>A2</td>
<td>8&quot; LENSED LINEAR</td>
<td>SUSPENDED</td>
<td>40W LED</td>
<td>3000</td>
<td>3822</td>
<td>UNIV</td>
<td>MERCURY</td>
</tr>
<tr>
<td>AE2</td>
<td>SAME AS TYPE A2 EXCEPT WITH EMERGENCY BATTERY PACK</td>
<td>SUSPENDED</td>
<td>40W LED</td>
<td>3000</td>
<td>3822</td>
<td>UNIV</td>
<td>MERCURY</td>
</tr>
<tr>
<td>B</td>
<td>6&quot; CYLINDRICAL DOWNLIGHTS</td>
<td>PENDANT</td>
<td>35W LED</td>
<td>3000</td>
<td>3000</td>
<td>UNIV</td>
<td>VANTAGE</td>
</tr>
<tr>
<td>BE</td>
<td>SAME AS TYPE B EXCEPT WITH EMERGENCY BATTERY PACK</td>
<td>PENDANT</td>
<td>35W LED</td>
<td>3000</td>
<td>3000</td>
<td>UNIV</td>
<td>VANTAGE</td>
</tr>
<tr>
<td>D</td>
<td>8&quot; ROUND DOWNLIGHT</td>
<td>RECESSED</td>
<td>210W LED</td>
<td>3000</td>
<td>2000</td>
<td>UNIV</td>
<td>LIGHTOLIER</td>
</tr>
<tr>
<td>CE</td>
<td>SAME AS TYPE C EXCEPT WITH EMERGENCY BATTERY PACK</td>
<td>RECESSED</td>
<td>210W LED</td>
<td>3000</td>
<td>2000</td>
<td>UNIV</td>
<td>LIGHTOLIER</td>
</tr>
<tr>
<td>D</td>
<td>4&quot; LED LINEAR CLASS 1 DIVISION 2 LIGHT</td>
<td>PENDANT</td>
<td>38W LED</td>
<td>3000</td>
<td>4000</td>
<td>UNIV</td>
<td>SOLAS RAY</td>
</tr>
<tr>
<td>ER</td>
<td>LED INDUSTRIAL LOW-BAY, WET LOCATION RATED, 500K, TYPE V, FROSTED, LONGitch, NON-DMABLE</td>
<td>PENDANT</td>
<td>102W LED</td>
<td>5500</td>
<td>13000</td>
<td>UNIV</td>
<td>LIGHT EMITTING DESIGNS</td>
</tr>
<tr>
<td>F2</td>
<td>2' LONG VANITY MIRROR</td>
<td>SURFACE</td>
<td>17W LED</td>
<td>3500</td>
<td>1722</td>
<td>UNIV</td>
<td>DAY-BRITE</td>
</tr>
<tr>
<td>F4</td>
<td>4' LONG VANITY MIRROR</td>
<td>SURFACE</td>
<td>34W LED</td>
<td>3500</td>
<td>3458</td>
<td>UNIV</td>
<td>DAY-BRITE</td>
</tr>
<tr>
<td>G</td>
<td>SAME AS TYPE E EXCEPT NEW</td>
<td>PENDANT</td>
<td>102W LED</td>
<td>5500</td>
<td>13000</td>
<td>UNIV</td>
<td>LIGHT EMITTING DESIGNS</td>
</tr>
<tr>
<td>R</td>
<td>EXTERIOR WALL PACK</td>
<td>WALL</td>
<td>210W LED</td>
<td>5000</td>
<td>4598</td>
<td>UNIV</td>
<td>NEL</td>
</tr>
<tr>
<td>J</td>
<td>4' LONG STRIPS</td>
<td>SURFACE</td>
<td>31W LED</td>
<td>3500</td>
<td>4000</td>
<td>UNIV</td>
<td>DAY-BRITE</td>
</tr>
<tr>
<td>JE</td>
<td>SAME AS TYPE J EXCEPT WITH EMERGENCY BATTERY PACK</td>
<td>SURFACE</td>
<td>31W LED</td>
<td>3500</td>
<td>4000</td>
<td>UNIV</td>
<td>DAY-BRITE</td>
</tr>
<tr>
<td>K</td>
<td>2X4 LED TROFFER</td>
<td>RECESSED</td>
<td>50W LED</td>
<td>3500</td>
<td>4906</td>
<td>UNIV</td>
<td>SATCO</td>
</tr>
<tr>
<td>KE</td>
<td>SAME AS TYPE K EXCEPT WITH EMERGENCY BATTERY PACK</td>
<td>RECESSED</td>
<td>50W LED</td>
<td>3500</td>
<td>4906</td>
<td>UNIV</td>
<td>SATCO</td>
</tr>
<tr>
<td>L</td>
<td>4 FT. LONG TRACK LIGHT LED</td>
<td>PENDANT</td>
<td>30W LED</td>
<td>3500</td>
<td>3822</td>
<td>UNIV</td>
<td>OWNER SELECTED</td>
</tr>
<tr>
<td>M</td>
<td>4&quot; LENSED LINEAR</td>
<td>RECESSED</td>
<td>35W LED</td>
<td>3500</td>
<td>3822</td>
<td>UNIV</td>
<td>MERCURY</td>
</tr>
<tr>
<td>S</td>
<td>LIGHT POLE LED</td>
<td>POLE MOUNT</td>
<td>7LW LED</td>
<td>5000</td>
<td>–</td>
<td>UNIV</td>
<td>HUBBELL</td>
</tr>
<tr>
<td>XA</td>
<td>SELF-CONTAINED EXIT SIGN</td>
<td>UNIVERSAL</td>
<td>8W</td>
<td>–</td>
<td>–</td>
<td>UNIV</td>
<td>CHLORDICE</td>
</tr>
<tr>
<td>XB</td>
<td>SELF-CONTAINED EXIT SIGN, WET LOCATION RATED</td>
<td>SURFACE</td>
<td>8W LED</td>
<td>–</td>
<td>–</td>
<td>UNIV</td>
<td>CHLORDICE</td>
</tr>
<tr>
<td>XC</td>
<td>EXTERIOR EMERGENCY EGRESS LIGHT</td>
<td>SURFACE</td>
<td>24W LED</td>
<td>5000</td>
<td>–</td>
<td>UNIV</td>
<td>CHLORDICE</td>
</tr>
<tr>
<td>XD</td>
<td>SELF-CONTAINED DOUBLE-HEAD EMERGENCY LIGHT FIXTURE</td>
<td>SURFACE</td>
<td>12W LED</td>
<td>–</td>
<td>–</td>
<td>UNIV</td>
<td>CHLORDICE</td>
</tr>
</tbody>
</table>
### Branch Panel: CA

<table>
<thead>
<tr>
<th>Circuit Description</th>
<th>Type</th>
<th>Size</th>
<th>Note</th>
<th>Allowing</th>
<th>Rating (amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Circuit 1</td>
<td>C1</td>
<td>50A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample Circuit 2</td>
<td>C2</td>
<td>75A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Branch Panel: CB

<table>
<thead>
<tr>
<th>Circuit Description</th>
<th>Type</th>
<th>Size</th>
<th>Note</th>
<th>Allowing</th>
<th>Rating (amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Circuit 3</td>
<td>C3</td>
<td>100A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample Circuit 4</td>
<td>C4</td>
<td>150A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Branch Panel: CC

<table>
<thead>
<tr>
<th>Circuit Description</th>
<th>Type</th>
<th>Size</th>
<th>Note</th>
<th>Allowing</th>
<th>Rating (amps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample Circuit 5</td>
<td>C5</td>
<td>200A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sample Circuit 6</td>
<td>C6</td>
<td>250A</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- Registration No. F
- Issued for
- 47022 VA
- 42030 VA
- 40570 VA

**ELECTRIC KILN - CE07A - 108**
- 60 A
- 24992 VA

**ELECTRIC KILN - CE07B - 108**
- 18 A
- 4160 VA

**ELECTRICAL 65 RECEPES - 102**
- 20 A
- 11260 VA

**ELECTRIC KILN - CE07A - 108**
- 60 A
- 24992 VA

**ELECTRIC KILN - CE07B - 108**
- 18 A
- 4160 VA

**ELECTRIC KILN - CE083 - 108**
- 30 A
- 1700 VA

**TEST KILN - CE083 - 108**
- 10 A
- 1700 VA

**SPARE 20 A - 10 VA 0 VA**
- 29 A
- 0 VA

**POWER 22772 VA**
- 100%
NOTES BY SYMBOL

1. NEUTRAL SIZED SAME AS PHASE CONDUCTORS.
2. BONDING CONDUCTOR SIZED PER NEC TABLE 310.66 USING SERVICE OR SEPARATELY DERIVED SYSTEM PHASE CONDUCTOR SIZE.
3. GROUNDING CONDUCTOR-LIFECYCLE CONDUCTOR SIZE PER OCP'S SIZE IN NEC TABLE 310.66. IF MULTIPLE SETS B3C IS FULL SIZE PER TABLE 230.12(H) IN EACH SET.
4. INSULATED GROUND CONDUCTOR.
5. EXISTING WIRE.
6. ADDITIONAL GROUNDING ELECTRIC CONDUCTOR THAT IS SIZED BASED ON NEC TABLE 310.66. USING THE SEPARATELY DERIVED SYSTEM PHASE CONDUCTORS BOND TO THE MAIN GROUNDING ELECTRIC GROUND BAR IF THE FIRST OVER-CURRENT DEVICES FOR THE SEPARATELY DERIVED SYSTEM IS WITHIN 20 FEET OF THE MAIN GROUNDING ELECTRIC GROUND BAR. IF IT IS MORE THAN 20 FEET, BOND TO THE BUILDING STRUCTURAL STEEL.

1 ELECTRICAL GROUNDING DIAGRAM
Who: Destinee Harris
When: Nov 06, 2020 - 05:31pm
Where: P:\Dallas\UNT Art Studio\Datacom-Communications\TS101.dwg

This drawing and design is the intellectual property of DataCom Design Group and its clients. No entity/person shall make copies and/or modifications to this file without written permission by DataCom Design Group. This drawing shall not be used for purposes other than as intended for this project.

© 2020 voice | data | audio | video | security | acoustics

AUSTIN
SAN ANTONIO
HOUSTON
DALLAS

P: (214) 221-5443            F: (214) 692-5444

T301

11-09-2020
18012.001
ISSUED FOR CONSTRUCTION

OAK STREET
HALL
DEMOLITION & ARTSTUDIO
FACILITY

© 2020 VAI Architects, Inc.
1901 MAIN STREET
DALLAS, TEXAS 75201

Datacom Design Group
300 N Coit Rd,
Richardson, TX 75080
214.221.5443
WHEEL THROWING
CLRM
107
FAB LAB- MESSY
104
FAB LAB- CLEAN
106
PLASTER RM
103
HAND BUILDING
CLRM
105
GLAZING LAB- DRY
116
GLAZING LAB- WET
118
SLURRY RM
119
TOOL STOR.
115
SPRAY BOOTH
120
CLO
117
TECH OFF
110
OFF
111
OFF
112
TOOL STOR.
113
CLAY MIXING RM
151
ELEC. KILN RM
108
GRADUATE
STUDIOS
121
MEN'S RESTROOM
138
WOMEN'S RESTROOM
137
IDF
125
PROJECT SPACE
122
RESTROOM
139
CRITIQUE SPACE
123
FIRE RISER RM
124
PROJECT SPACE
135
STUDIO
134
MAINTENANCE
128
ELEC
127
GRADUATE
STUDIOS 04
133
GRADUATE
STUDIOS 01
130
GRADUATE
STUDIOS 02
131
CENTRAL LOBBY
101
TOOL STOR.
114
KILN YARD
150
BLAAUW RM
152
CIRCULATION
136
CIRCULATION
102
CIRCULATION
109
CIRCULATION
126
CIRCULATION
129
A/V CLOSET
141
CLOSET
142
A/V CLOSET
143
A/V CLOSET
144
T301
1
Who: Destinee.Harris
When: Nov 06, 2020 - 05:31pm
Where: P:\Dallas\UNT Art Studio\Datacom-Communications\T101.dwg
This drawing and design is the intellectual property of DataCom Design Group. and its clients.
No entity/person shall make copies and/or modifications to this file without written permission by DataCom Design Group. This drawing shall not be used for purposes other than as intended for this project. © 2020
Who: Destinee.Harris  
When: Nov 06, 2020 - 03:19pm  
Where: P:\Dallas\UNT Art Studio\Datacom-AudioVisual\AV001.dwg  

This drawing and design is the intellectual property of DataCom Design Group and its clients. No entity/person shall make copies and/or modifications to this file without written permission by DataCom Design Group. This drawing shall not be used for purposes other than as intended for this project. © 2020 voice | data | audio | video | security | acoustics
GENERAL NOTES

1. Site Access: All vehicles over 8' 3" will require special permission.

2. Site Safety: All workers must wear appropriate personal protective equipment.

3. Site Security: Access to the site is controlled by the site security team.

4. Site Sanitation: All construction waste and debris must be disposed of properly.

5. Site Utilities: All utilities, including water and electricity, must be shut off before work begins.

6. Site Materials: All materials must be delivered to the site and unloaded properly.

7. Site Clean-up: All site clean-up must be completed before project completion.

KEYED SITE PLAN NOTES

1. W. Oak Street

2. Lone Oak Street

3. Demolition & Street Halls

4. MW. Oak Street

5. Gas Meter to remain. Protect throughout construction.