NEVADA UNION HIGH SCHOOL DISTRICT
AG BUILDING MODERNIZATION

FIRE AND LIFE SAFETY NOTES
2. EXTERIOR WALL AND ROOF SHEATHING SHALL BE R224.1 R0.0 R30 AS SHOWN ON SCA DRAWINGS.
3. ALL EXTERIOR WALL AND ROOF SHEATHING SHALL COMPLY WITH CBC TABLE 2201.1.1 AND HAVE ATTACHMENT CLASSES ACCORDING TO CBC A.1.3.1.3.
4. ALL EXTERIOR WALL AND ROOF SHEATHING SHALL BE COMPLIANT WITH THE PROVISIONS OF AR7145 AND AS8460.

10. PROVIDE A PORTABLE FIRE EXTINGUISHER FOR EACH TRADE AS INDICATED IN TABLE 10/6636.
11. PROVIDE APPROPRIATE NUMBER OF PORTABLE FIRE EXTINGUISHERS AS SHOWN ON THE CHART AT THE END OF THE SUNY METRICAL NOTE.
12. PROVIDE FIRE EXTINGUISHERS AS SHOWN ON THE CHART AT THE END OF THE SUNY METRICAL NOTE.
13. PROVIDE A PORTABLE FIRE EXTINGUISHER PER CFC TABLE 10/6636.
14. PROVIDE A PORTABLE FIRE EXTINGUISHER PER CFC TABLE 10/6636.

STATEMENT OF GENERAL CONFORMANCE
For architects/designers who studied plans
Includes but is not limited to deep inspections. Prepared by owner licensed architect.
(Application No. 02-117586  Filed No. 24-03-00)

ARCHITECT'S SIGNATURE BLOCK

ARCHITECT'S SIGNATURE BLOCK

ARCHITECT'S SIGNATURE BLOCK

ARCHITECT'S SIGNATURE BLOCK

ARCHITECT'S SIGNATURE BLOCK

ARCHITECT'S SIGNATURE BLOCK

ARCHITECT'S SIGNATURE BLOCK

ARCHITECT'S SIGNATURE BLOCK
SPECIAL INSPECTION: COMPACTING TESTING

LOCATION MAP

PATH OF TRAVEL NOTE

ACCESS TO PUBLIC WAY SHOWN ON THIS SHEET.

REFERENCE SHEET C1.1 FOR P.O.T. IMPROVEMENTS.
SITEPLAN

NOTICE

NO PARKING FIRE LANE

DETAiL 1

NO PARKING FIRE LANE

DETAiL 2

INTERSECTION SIGNAGE AND

STRIPING DETAiL 3

PATH OF TRAVEL DIRECTIONAL SIGNAGE

DETAiL 4

RED CURBING

DETAiL 5

SIGNAGE NOTES

1. DIRECTIONAL SIGNS - USE ONLY WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY. SIGN SHALL BE MOUNTED ON A METAL SIGN POST AT 48" FROM GROUND TO BOTTOM OF LOWER SIGN. SIGN SHALL NOT BE LOCATED IN POT.

2. PLACE ACCESSIBLE EASEL PARKING STRIPING AND SIGNAGE PER CALTRANS DETAIL A90A/C4.6.

3. PROVIDE NO PARKING FIRE LANE SIGN (DETAIL 2/C1.1) AND RED CURBING (DETAIL 5/C1.1)

4. REINSTALL SCHOOL DISTRICT SIGNAGE AS DIRECTED BY THE DISTRICT (SEE DEMO PLAN)

5. REPLACE EXISTING DELINEATORS AS DIRECTED BY THE DISTRICT

   INSTALL 42-INCH DELINEATOR POST, WHITE WITH TWO REFLECTIVE COLLARS

   (PREMIUM 42" CLOVER-LEAF ROAD MARKER, TRAFFIC SAFETY SUPPLY OR EQUIVALENT)

STAFF / VISITOR PARKING

TOTAL PARKING SPACES: 23

VAN ACCESSIBLE SPACE: 1
STANDARD SPACE: 22
CURB RAMP DETAILS

DSA STANDARD DRAWINGS   -   ACCESS COMPLIANCE
DIVISION OF THE STATE ARCHITECT            DEPARTMENT OF GENERAL SERVICES            STATE OF CALIFORNIA

ORIGINAL
REVISION

DSA DRAWING NUMBER:

11B-406 - 8C

3'-0" 4'-0" MIN.

2" MAX., TYP.

4'-0" MIN.

10 / 01 / 2016

2016 CBC

AISLE WITH NO GUTTER
SCALE: 1/4" = 1'-0"

PERPENDICULAR CURB RAMP WITH NO GUTTER

PARALLEL CURB RAMP WITHIN 2'-0" 3'-0" 4'-0" MIN.

PERPENDICULAR CURB RAMP WITHIN 2'-0"

CURB RAMP ADJOINING A PARKING ACCESS AISLE WITH NO GUTTER
SCALE: 1/4" = 1'-0"

1

2016 CBC

WITHIN 2'-0"

WITHIN 2'-0"

6" MIN. TO 8" MAX.

PERPENDICULAR CURB RAMP

REVISED STANDARD PLAN RSP AREA

C4.4
CONSTRUCTION NOTES:

SECTION AT STAIRS

1. STEPS DETAIL

2. CONCRETE SIDE WALL DETAIL
NOTES
1. PATCH AND REPLACE IN-PLACE PRIMER (INCLUDING WALL PANELS) WITH WHITE PRIMER (OR MATCHING COLOR) AS NOTED.
2. REPLACE ORKit HUNG SHELVES, WHITEBOARDS, AND PAPER TOWEL DISPENSERS AS NOTED. PROVIDE OPERABLE PARTITION INFILL (E) OPENINGS, MATCH ADJACENT FRAMING AND FINISH SURFACES AS REQUIRED AND APPLY (N) FINISH SHEET METAL FINISHES (INCLUDING WALL PANELS, TRIM, AND WINDOW FRAMES) THROUGHOUT ROOMS AS NOTED.
3. PROVIDE WALL-MOUNTED SHELVES, WHITEBOARDS, AND PAPER TOWEL DISPENSERS AS NOTED. PROVIDE OPERABLE PARTITION INFILL (E) OPENINGS, MATCH ADJACENT FRAMING AND FINISH SURFACES AS REQUIRED AND APPLY (N) FINISH WOOD PANELS, TRIM, AND WINDOW FRAMES) THROUGHOUT ROOMS AS NOTED.
4. REINSTALL SALVAGED PULL DOWN PROJECTOR SCREEN, PROVIDE INTEGRAL BACKSPLASH TO UNDERSIDE OF WINDOW SILL, TYPICAL (E) SHELF TO MATCH (E) - 06 41 17 INFILL (E) OPENINGS, MATCH ADJACENT FRAMING AND FINISH SURFACES AS REQUIRED AND APPLY (N) FINISH, SEE SCHEDULE SHEET A7.1 - 09 93 00 ALL WALL, PLASTICS, AND COMPOSITES.
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DIM
1/4" = 1'-0"
3'-0" = 1'-0"
2'-0" = 1'-0"
4'-0" = 1'-0"
7'-0" = 2'-0"
11'-0" = 3'-0"
13'-0" = 4'-0"
15'-0" = 5'-0"
20'-0" = 6'-6"
24'-0" = 8'-0"
27'-0" = 9'-0"
30'-0" = 10'-0"
36'-0" = 12'-0"
40'-0" = 13'-0"
48'-0" = 16'-0"
60'-0" = 20'-0"
66'-0" = 22'-0"
72'-0" = 24'-0"
84'-0" = 28'-0"
96'-0" = 32'-0"
108'-0" = 36'-0"
120'-0" = 40'-0"
**GENERAL NOTES**

- **APP.
  INC:**
- **REVIEWED FOR SS FLS ACS DATE:**
- **IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 02-117356 ✔ ✔ ✔ 02/18/2020**

**ANY DISCREPANCIES FOUND AMONG THE DRAWINGS, THESE GENERAL NOTES, AND THE SITE CONDITIONS SHALL BE REPORTED TO THE JOINT UNION HIGH SCHOOL DISTRICT NEVADA UNION HIGH SCHOOL, GRASS VALLEY, CA AS INDICATED 12/24/19**

**SPECS**

1. **SPECIFICATIONS**

2. **DIV. OF THE STATE ARCHITECT**

3. **STRUCTURAL STEEL**

4. **WOOD**

5. **STRUCTURAL ABBREVIATIONS**

6. **SHEATHING ON ROOF SURFACES SHALL BE STRAND BOARD (OSB). PLYWOOD SHEATHING SHALL BE 5 PLY MINIMUM WHERE CONFORMING TO PS1.**

7. **COORDINATE DIMENSIONS AMONG ALL DRAWINGS PRIOR TO PROCEEDING WITH ANY DRAWINGS BY OTHER DISCIPLINES ARE SUPPLEMENTARY TO ARCHITECTURAL DRAWINGS. REPORT DIMENSIONAL OMISSIONS OR DISCREPANCIES BETWEEN DRAWINGS TO ARCHITECT PRIOR TO PROCEEDING WITH WORK.**

8. **THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL COMPLY WITH ONE OF THE APPROVED DRAWINGS. REFER TO THE APPROVED DRAWINGS FOR ALL REQUIREMENTS.**

9. **THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE DRAWINGS FOR SEISMIC DESIGN CRITERIA.**

10. **THE MINIMUM GRADE OF ALL OTHER STRUCTURAL FRAMING: "DOUG FIR" LARCH" NO. 1 (Fb = 1350 PSI, Fv = 170 PSI)**

11. **FIRM, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEM BRACING: ALL WELD FILLER METAL AND WELD PROCESS SHALL PROVIDE CHARPY V-NOTCH TEST AND INSPECT ANCHORS PER CBC SECTION 23.1.4.6.c.i).**

12. **THE MINIMUM DESIGN UNFACTORED LOAD FOR SEISMIC DESIGN CRITERIA FOR ROOFTOP STRUCTURES AND EQUIPMENT FOR BUILDINGS WITH BASIC WIND SPEED, V = 110 MPH (ULTIMATE) CATEGORY = C EXPOSURE CATEGORY = C EXPOSURE.**

13. **ARCHITECTURAL COLUMN AND BEAM SECTIONS ARE PROVIDED IN THE ATTACHED SHEET. REFER TO PROJECT DETAILS FOR SPECIFIC COLUMN AND BEAM DETAILS.**

14. **LOADS AND MOMENTS ARE BASED ON "COMMON GIRDER" WITH THE FOLLOWING LOADS AND MOMENTS TO BE APPLIED:**

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</table>
CONCRETE

DESIGN SOIL BEARING CAPACITY 1500 PSF ASSUMED FOR DEAD PLUS LONG TERM LIVE LOADS.
ALL FOUNDATION EXCAVATION TO BE... UNION HIGH SCHOOL DISTRICT NEVADA UNION HIGH SCHOOL, GRASS VALLEY, CA
AS INDICATED
12/24/19
S0.2
SPECIFICATIONS
2/2

CONCRETE MASONRY UNIT

- PLACE CONCRETE FOLLOWING CODE, SPECIFICATIONS, AND STANDARDS, AND THE STANDARDS AND REQUIREMENTS OF THE CONCRETE MIX TABLE. THE MIX DESIGNS SHALL FACILITATE NOT REQUIRE SLEEVES, UNLESS OTHERWISE NOTED IN THE PROJECT SPECIFICATIONS,

- REAR FREE OF DEBRIS IN ACCORDANCE WITH THE CBC

- CURING PROCEDURES SHALL COMMENCE IMMEDIATELY AFTER FINISHING CONCRETE TO MAINTAIN CONCRETE IN A MOIST CONDITION. VERIFY CURING AND/OR SEALING PROCEDURES FOR ALL EXPOSURE ENVIRONMENTS, PROVIDING A PROTECTIVE, DEGREES F.

- MAX. ALLOWABLE GRADUAL DROP IN TEMP. THROUGHOUT FIRST 24 HOURS AFTER END OF CURING

- GENERAL CONTRACTOR.

- COLD WEATHER PLACEMENT

- REQUIREMENTS OF THE CBC

- THESE DESIGNS, PLANS AND SPECIFICATIONS ARE PROTECTED UNDER FEDERAL COPYRIGHT LAWS. UNAUTHORIZED DUPLICATION OF THESE DOCUMENTS OR THE CONTENTS THEREIN IS IN VIOLATION OF FEDERAL COPYRIGHT LAW.

- CONCRETE MASONRY UNITS

- CHOOSE A NUMBER OF WALKS AS INDICATED ON THE STRUCTURAL DRAWINGS, USE “WELD CRETE” BY LARSON PRODUCTS CORPORATION

- TOP BARS(1)

- WALLS AND COLUMNS: COORDINATE CONSTRUCTION JOINTS WITH ARCHITECTURAL STRUCTURAL DRAWINGS, USE “WELD CRETE” BY LARSON PRODUCTS CORPORATION

- CURING METHOD

- EMBEDDED ITEMS

- CONCRETE MASONRY UNIT

- CONCRETE DESIGN CRITERIA

- FOUNDATION DESIGN CRITERIA

- DRAINAGE

- SITE CONDITIONS

- GROUND WATERS

- UNCONSOLIDATED DEPOSITS

- FOUNDATION CRITERIA

- ACCESS TO FOUNDATION EXAMPLES

- SPECIFICATIONS

- FOUNDATION CRITERIA

- REGIONAL REQUIREMENTS

- TYPICAL DETAILS

- CONCRETE CURING

- CURING METHOD

- CURING

- EMBEDDED ITEMS

- CONCRETE CURING

- CURING

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- FOUNDATION DESIGN CRITERIA

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- TYPICAL DETAILS

- CONCRETE CURING

- CURING

- EMBEDDED ITEMS
### SPECIAL INSPECTION SCHEDULE

<table>
<thead>
<tr>
<th>Special Inspections Required</th>
<th>Frequency</th>
<th>Comments</th>
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<tbody>
<tr>
<td>ACCESS TO WORK AREA (CBC 1705A.9)</td>
<td>✔</td>
<td>✓</td>
</tr>
<tr>
<td>BUILDING FIRE PROTECTION SYSTEMS (Chapter 19)</td>
<td>✔</td>
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</tr>
<tr>
<td>CONSTRUCTION OF MORTAR JOINTS (Article 1.7 of ACI 530.1)</td>
<td>✔</td>
<td>✓</td>
</tr>
<tr>
<td>COMPONENTS OF WIND FORCE RESISTING SYSTEMS</td>
<td>✔</td>
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<tr>
<td>CONSOLEDITAL GROUT</td>
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<tr>
<td>CONTINUOUS ADHESIVE ATTACHMENT</td>
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<tr>
<td>DISMISSAL OF CONTRACTOR</td>
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</tr>
<tr>
<td>DOCUMENTS ACCEPTANCE/REJECTION OF WELD</td>
<td>✔</td>
<td>✓</td>
</tr>
<tr>
<td>ENVIRONMENTAL CONDITIONS</td>
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<tr>
<td>EMBEDDED BOLTS OR PLATES</td>
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<tr>
<td>ENSURE THAT WELDS HAVE BEEN PROPERLY CLEANED</td>
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<td>ENSURE THAT WELDING PROCEDURES MEET VISUAL ACCEPTANCE CRITERIA</td>
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<tr>
<td>ENSURE THAT WELDING PROCEDURES ARE SUBMITTED TO THE BUILDING OFFICIAL</td>
<td>✔</td>
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<td>FABRICATORS (CBC 1704A.2.5)</td>
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**NOTE:** Please review the Special Inspection Schedule for the types, extents and frequency of specific items requiring special inspection and structural tests as part of this project.
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### HVAC Equipment Schedule

<table>
<thead>
<tr>
<th>Location</th>
<th>Equipment</th>
<th>Model</th>
<th>Make</th>
<th>Specification</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>FLR 1</td>
<td>Air Handler</td>
<td>AHU-1</td>
<td>ABC</td>
<td>Size 150</td>
<td>Normal operation</td>
</tr>
<tr>
<td>FLR 2</td>
<td>Air Handler</td>
<td>AHU-2</td>
<td>DEF</td>
<td>Size 160</td>
<td>Normal operation</td>
</tr>
<tr>
<td>FLR 3</td>
<td>Air Handler</td>
<td>AHU-3</td>
<td>GHI</td>
<td>Size 170</td>
<td>Normal operation</td>
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### Building O Fan Schedule

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<th>Specification</th>
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<tr>
<td>FLR 1</td>
<td>Centrifugal</td>
<td>CF-150</td>
<td>ABC</td>
<td>150 HP</td>
<td>Normal operation</td>
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<td>FLR 2</td>
<td>Axial Flow</td>
<td>AF-160</td>
<td>DEF</td>
<td>160 HP</td>
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<td>FLR 3</td>
<td>Radial Flow</td>
<td>RF-170</td>
<td>GHI</td>
<td>170 HP</td>
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### Unit Heater Schedule

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<th>Model</th>
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<th>Specification</th>
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<tr>
<td>FLR 1</td>
<td>Electric</td>
<td>EH-150</td>
<td>ABC</td>
<td>150 kW</td>
<td>Normal operation</td>
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<td>Oil Heater</td>
<td>OH-160</td>
<td>DEF</td>
<td>160 kW</td>
<td>Normal operation</td>
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<td>FLR 3</td>
<td>Gas Heater</td>
<td>GH-170</td>
<td>GHI</td>
<td>170 kW</td>
<td>Normal operation</td>
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</table>
**WOOD DUST COLLECTION SYSTEM DETAILS**

**NEVADA JOINT UNION HIGH SCHOOL DISTRICT**

**NEVADA UNION HIGH SCHOOL, GRASS VALLEY, CA**

**AG BUILDING MODERNIZATION**

**APP.
INC:** REVIEWED FOR

**DATE:**

**IDENTIFICATION STAMP**

**DIV. OF THE STATE ARCHITECT**

**M0.4**

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<td>2</td>
<td>System Components</td>
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<tr>
<td>3</td>
<td>System Specifications</td>
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<td>4</td>
<td>System Operation</td>
</tr>
<tr>
<td>5</td>
<td>System Maintenance</td>
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</table>

**WOOD DUST COLLECTION SYSTEM EQUIPMENT LIST**

**NEVADA JOINT UNION HIGH SCHOOL DISTRICT**

**AG BUILDING MODERNIZATION**

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<td>4</td>
<td>System Operation</td>
</tr>
<tr>
<td>5</td>
<td>System Maintenance</td>
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</tbody>
</table>
null
### DISTRIBUTION PANELBOARD: HLD1

#### Notes:
- **Circuit Description**: Load Classification Connected... Demand Factor Estimated... Panel Totals
- **Central Location**: DISTRIBUTION PANELBOARD: HLD1
- **Supply From**: HLD1
- **Enclosure**: NEMA 3R
- **Wires**: 4
- **Volts**: 120/208 Wye
- **Main Type**: A.I.C. Rating: 10KAIC
- **Branch Panel**: H4
- **Bus Rating**: 400 A

#### Tabular Data:

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<td>REC SHOP ROOM</td>
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<tr>
<td>2</td>
<td>REC STORAGE &amp; ELEC RM</td>
<td>20 A</td>
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<tr>
<td>3</td>
<td>EF-7A ROOF</td>
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<td>HTR-F3</td>
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<tr>
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</table>

#### Requirements:
- Panel Schedules
- All rights reserved.
### Busway: B1
- Location: WOOD SHOP F3
- Supply From: 120/208 VY
- Phase: 3
- Meter Type: 1
- MCB Rating: 20A
- Busway: B1

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<tr>
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<th>Load</th>
<th>Breaker</th>
<th>Additional Notes</th>
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### Busway: B2
- Location: WOOD SHOP F3
- Supply From: 120/208 VY
- Phase: 3
- Meter Type: 1
- MCB Rating: 20A
- Busway: B2

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### Busway: B3
- Location: WOOD SHOP F3
- Supply From: 120/208 VY
- Phase: 3
- Meter Type: 1
- MCB Rating: 20A
- Busway: B3

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### Busway: B4
- Location: WOOD SHOP F3
- Supply From: 120/208 VY
- Phase: 3
- Meter Type: 1
- MCB Rating: 20A
- Busway: B4

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### Busway: B5
- Location: WOOD SHOP F4
- Supply From: 120/208 VY
- Phase: 3
- Meter Type: 1
- MCB Rating: 20A
- Busway: B5

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### Busway: B6
- Location: WOOD SHOP F5
- Supply From: 120/208 VY
- Phase: 3
- Meter Type: 1
- MCB Rating: 20A
- Busway: B6

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### Busway: B7

**Location:** Metal Shop F4  
**Terminal:** 1400  
**Rating:** 10KAIC  
**Supply From:** HLD1 METAL SHOP F4  
**Mounting:**  
**Wires:**  
**Location:** METAL SHOP F4  
**Volts:** 120/208 Wye  
**A.I.C. Rating:** 10KAIC  
**Busway:** B10

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<th>Conductor</th>
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**Total Load:** 189A

**Total Conn.:** 225A

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### Busway: B8

**Location:** Metal Shop F4  
**Terminal:** 1400  
**Rating:** 10KAIC  
**Supply From:** HLD1 METAL SHOP F4  
**Mounting:**  
**Wires:**  
**Location:** METAL SHOP F4  
**Volts:** 120/208 Wye  
**A.I.C. Rating:** 10KAIC  
**Busway:** B10

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<thead>
<tr>
<th>CFT</th>
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**Total Load:** 17A

**Total Conn.:** 34A

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### Busway: B10

**Location:** Metal Shop F4  
**Terminal:** 1400  
**Rating:** 10KAIC  
**Supply From:** HLD1 METAL SHOP F4  
**Mounting:**  
**Wires:**  
**Location:** METAL SHOP F4  
**Volts:** 120/208 Wye  
**A.I.C. Rating:** 10KAIC  
**Busway:** B10

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<tr>
<th>CFT</th>
<th>Equipment Identification</th>
<th>Load</th>
<th>Breaker</th>
<th>Conductor</th>
<th>Additional Notes</th>
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<tr>
<td></td>
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**Total Load:** 6kVA

**Total Conn.:** 6kVA

---

### Breaker Conductors

1. **Breaker Denoted** shall be in plug-in unit at busway.
2. **Provide drop cord from each breaker plug in unit. Cord shall be provided with appropriate cord strain relief.**
3. **Provide outlet on each drop cord at #27. Refer to equipment schedule on #6 for outlet type.**

---

**Legend:**
- **CFT Equipment Identification**
- **Conductor Load**
- **Conductor**
- **Location**
- **Volts**
- **A.I.C. Rating**
- **Total Conn.**
- **Total Load**
- **Total Amps**
- **Breaker Conductors**
- **Additional Notes**

---

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1125 HIGH STREET  
AUBURN, CA 95603

AG BUILDING MODERNIZATION  
for  
NEVADA UNION HIGH SCHOOL, GRASS VALLEY, CA

Panel Schedules  
11/27/19  
E0.4
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17-449
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11/27/19

LIGHTING PLAN - DEMOLITION

EXISTING LIGHTING AND CONTROLS TO BE REMOVED AND REPLACED WITH NEW LED FIXTURES. REFER TO E2.1 FOR NEW REQUIREMENTS.

1 LIGHTING FIXTURE MOUNTED ON WALL IN OPEN ATTIC SPACE ABOVE OFFICES.

EXISTING EXTERIOR LIGHTING TO BE REMOVED AND REPLACED WITH NEW LED FIXTURES. REFER TO E2.1 FOR NEW REQUIREMENTS.

NUMBERED SHEET NOTES

# DESCRIPTION DATE

1 LIGHTING PLAN - DEMOLITION

EXISTING LIGHTING AND CONTROLS TO BE REMOVED AND REPLACED WITH NEW LED FIXTURES. REFER TO E2.1 FOR NEW REQUIREMENTS.

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EXISTING LIGHTING AND CONTROLS TO BE REMOVED AND REPLACED WITH NEW LED FIXTURES. REFER TO E2.1 FOR NEW REQUIREMENTS.

EXISTING EXTERIOR LIGHTING TO BE REMOVED AND REPLACED WITH NEW LED FIXTURES. REFER TO E2.1 FOR NEW REQUIREMENTS.
EXISTING ROOF TOP HVAC UNIT TO BE REMOVED. REFER TO E3.3 FOR NEW REQUIREMENTS.
These designs, plans and specifications are protected under federal copyright laws. Unauthorized duplication of these documents or the contents herein is in violation of federal copyright law. © 2018 Siteline Architecture All rights reserved.
CONTRACTOR TO PROVIDE NEW DemoDAL 63 SERIES FIRE ALARM CONTROL PANEL WITH MANUFACTURER'S WRITTEN PROMISE. ALL HARDWARE TO BE INSTALLED WITH MANUFACTURER'S WRITTEN PROMISE.

1. REMOVE EXISTING FIRE ALARM DEVICES AND PATCH BACK TO SOURCE. PATCH HAD TO MATCH EXISTING WALLS AND STRUCTURES.

2. REMOVE NOTIFICATION GRADE IN TEXT OF MANUFACTURER.

3. PROVIDE CONTROL RELAY FOR COILING FIRE DOOR. AREA SMOKE/HEAT DETECTORS WILL INITIATE CONTROL RELAY MODULE TO ACTIVATE SMOKE DETECTOR TO ACTIVATE HVAC SHUT DOWN.

4. CONDUCT TO PROVIDE NEW GAMEWELL, E3 SERIES FIRE ALARM CONTROL PANEL WITH MANUFACTURER'S WRITTEN PROMISE. REMOVE EXISTING FIRE ALARM DEVICES AND PATCH BACK TO SOURCE. PATCH HAD TO MATCH EXISTING WALLS AND STRUCTURES.

5. PROVIDE CONTROL RELAY FOR COILING FIRE DOOR.
ACCEPTABLE WITH AUTHORITY HAVING JURISDICTION (AHJ). ALL HVAC GREATER THAN 2000cfm ABOVE CEILING CIRCUITS ROUTING IN AN ACCESSIBLE ATTIC SPACE. APPROVED WIRE MANAGEMENT, ie J-HOOK OR D-RING.

AREAS WHERE FOSSIL FUEL IS USED.

OR, CEILINGS WITH BEAM DEPTHS LESS THAN 10 PERCENT OF THE CEILING HEIGHT, SMOOTH HAVE DETECTORS INSTALLED ON THE BOTTOM OF THE BEAM. BEAMS PROJECTING LESS THAN 3" SHALL BE TREATED AS A SMOOTH CEILING.

SMOKE DETECTORS MUST BE INSTALLED. NFPA72 17.5.3.1.1 INACCESSIBLE SPACES THAT DO NOT MEET THIS CRITERIA MUST BE MADE ACCESSIBLE AND DETECTION MUST BE INSTALLED. NFPA72 17.5.3.1.1

TO MAIN FACP FROM EXISTING IDF IN ROOM F7 TO NEW FACP IN ROOM R. BUILDING MODERNIZATION FOR NEVADA UNION HIGH SCHOOL, GRASS VALLEY, CA.
### Copper Feeder Schedule

**Description**

- **Feeders**
  - 600A 3P
  - 800A 3P
  - 100A 3P
- **Conductors**
  - Phase: 4 WIRE
  - Neutral: 1 #6
  - Ground: 1 #6

**Notes**

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**Documents or the contents herein is in**

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### Numbered Sheet Notes

**Description**

- **Intercom One Line Wiring Diagram**
- **Power One-Line Diagram**

**Marking**

- **AV One Line Wiring Diagram**

**Notes**

- All changes and additions shall be noted on the original.
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**Additional Information**

- **Address**
  - 1125 HIGH STREET
  - AUBURN, CA 95603

- **School District**
  - NEVADA UNION HIGH SCHOOL, GRASS VALLEY, CA
ATTACH FIXTURE HOUSING AT EACH END OF FIXTURE W/ 2#10 WOOD SCREWS, MIN. 1.5" EMBED.

FINISHED CEILING, SEE DRAWINGS.


NOTE: PROVIDE SUSPENSION POINT AND AC MOUNTING BRACKET AT EACH END OF FIXTURE AND AT EACH UNION OF FIXTURE SECTIONS. EACH FIXTURE ROW MUST BE SUPPORTED AT MINIMUM EVERY 8'-0". INSTALLATION SHALL MEET REQUIREMENTS OF TYPICAL 3/8" X 3" SS LAG EYE BOLT, GRIPLOCK CC-UNICROSS SCREWS MIN. 2.5" EMBED 2-CABLE CLAMP AC CABLE GRIP CADDY SLK2L2 SUSPENDED FIXTURE INSTALLATION - ATTACHMENT AT FIXTURE HOUSING.

CONNECT EACH FIXTURE IN ROW TOGETHER WITH LENGTH OF THE FIXTURE IS NOT THE CASE, PROVIDE 3/32" AIRCRAFT CABLE BY FIXTURE MANUFACTURER, AND LOCKING NUTS (NOT SHOWN) CABLE THROUGH AUTO-GRIP ADJUSTER BY FIXTURE MANUFACTURER. INSERT FIXTURES AT MOUNTING HEIGHT AS INDICATED BY CONNECT USING SCREWS ON PLANS.

NOTE: PROVIDE SUSPENSION POINT AND OR 2X BLOCKING BETWEEN JOISTS WOOD STUD CEILING FRAMING @ 16" O.C., AIRCRAFT CABLE MOUNTING BRACKET, AND ATTACH TO EACH WALL AS SHOWN. AIRCRAFT CABLE SEISMIC BRACE WIRE #10 X 1.5" WOOD SCREW 1/4-20 INTERNAL THREAD FOR FIXTURES OVER 16" IN LENGTH OR OVER 15 LBS., CONTRACTOR IS TO PROVIDE GENERAL NOTE WALL MOUNTED LIGHT FIXTURE SET SCREW TYPE WALL ATTACHEMENT SECTION VIEW.

CONDUIT ENTRIES TERMINATE ALL EDGES OF CONCRETE CASTING. SUMMER HOLE AT (3) STUDS WITH (2) #8 SHEET METAL LOCK NUTS AND FLAT PLATE. CAST STEEL BASE DIAMETER PATTERN. HEX PLUMBING FLUSH HANDHOLE WITH ROUND CONCRETE BASE, 3000 PSI MIN. AFTER 28 DAYS WITH GAS BUILDING MODERNIZATION AG BUILDING MODERNIZATION FOR NEVADA UNION HIGH SCHOOL, GRASS VALLEY, CA.

NOTE: IN CASE OF ABSENCE OF A WIND OR OVER 20 BE, CONTRACTOR IS TO PROVIDE SUSPENSION POINT AND AC MOUNTING BRACKET AT EACH END OF FIXTURE AND AT EACH UNION OF FIXTURE SECTIONS. EACH FIXTURE ROW MUST BE SUPPORTED AT MINIMUM EVERY 8'-0". INSTALLATION SHALL MEET REQUIREMENTS OF SECTION 1616A.10.16 OF THE CALIFORNIA BUILDING CODE (CBC), 2016 EDITION, AND DSA IR 16-9.

CONDUIT ENTRIES TERMINATE ALL EDGES OF CONCRETE CASTING. SUMMER HOLE AT (3) STUDS WITH (2) #8 SHEET METAL LOCK NUTS AND FLAT PLATE. CAST STEEL BASE DIAMETER PATTERN. HEX PLUMBING FLUSH HANDHOLEWITH ROUND CONCRETE BASE, 3000 PSI MIN. AFTER 28 DAYS WITH GAS BUILDING MODERNIZATION AG BUILDING MODERNIZATION FOR NEVADA UNION HIGH SCHOOL, GRASS VALLEY, CA.
FLAT SCREEN TV WALL MOUNT

3

PROJECTION SCREEN SUPPORT

PROJECTION SCREEN SUPPORT 2

FLAT SCREEN TV WALL MOUNT

1125 HIGH STREET
NEVADA UNION HIGH SCHOOL, GRASS VALLEY, CA
## Plumbing General Notes

**NEVADA JOINT UNION HIGH SCHOOL DISTRICT**

**NEVADA UNION HIGH SCHOOL, GRASS VALLEY, CA**

**AG BUILDING MODERNIZATION**

**Revisions**

**DSA application #:**

**Project Tracking #:**

**For**

**Date:**

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### Revisions

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### Plumbing Equipment Schedule

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### Plumbing Fixture Schedule

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### Plumbing Notes

- All plumbing fixtures shall be in accordance with the 2015 IBC and NEVADA Joint Union High School District Plumbing Code.
- All plumbing fixtures shall be connected to the building's potable water supply system.
- All plumbing fixtures shall be tested for leakage and pressure according to the manufacturer's instructions.
- All plumbing fixtures shall be labeled with the manufacturer's name and model number.
- All plumbing fixtures shall be installed in accordance with the manufacturer's installation instructions.
- All plumbing fixtures shall be tested for leakage and pressure according to the manufacturer's instructions.

---

### Plumbing Diagram

[Plumbing Diagram]

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### Plumbing Schedule

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### Plumbing Diagram

[Plumbing Diagram]

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---

### Plumbing Diagram

[Plumbing Diagram]
1. Floor or Wall Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete floor.

2. Through-Penetrant — One or more pipes or tubes to be installed within the opening. The total number of through-penetrants is dependent on the following types and sizes of metallic pipes or tubes:

- A. Copper Tubing — Nom 3 in. (76 mm) diam (or smaller) Type L (or heavier) copper tube.
- B. Iron Pipe — Nom 3 in. (76 mm) diam (or smaller) cast or ductile iron pipe.
- C. Steel Pipe — Nom 3 in. (76 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.
- D. Flexible Steel Conduit+ — Nom 1 in. (25 mm) diameter (or smaller) flexible steel conduit.
- E. Multiple fiber optical communication cables jacketed with PVC and having a max outside diam of 1/2 in.
- F. Tube Insulation-Plastics+++ — Nom 3/4 in. (19 mm) thick (or thinner) acrylonitrile butadiene/polyvinyl chloride (AB/PVC) flexible foam insulation or a cable bundle is used. The T Rating is 0 hr when metallic penetrants without pipe insulation are used.
- G. Through Penetrating Product* — Flexible Metal Piping — The following types of steel flexible metal gas piping may be used:
  - 1.) Nom 2 in. (51 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.
  - 2.) Nom 2 in. (51 mm) diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

3. Pipe Insulation — (Optional) — The following types of pipe insulation may be used with metallic penetrants (Items 2A, 2B, 2C, 2D and 2F):

- A. Pipe Covering* — Nom 1 in. (25 mm) thick (or thinner) hollow cylindrical heavy density (min 3.5 pcf or 56 kg/m³) glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory-applied self-sealing lap tape. Transverse joints Smoke Developed Index of 50 or less may be used.
- B. Fill Void or Cavity Materials* - Sealant — Min 1/2 in. (51 mm) thickness of fill material applied within the annulus, flush with top surface of floor or wall assembly.
- C. Max 7/C copper conductor No. 12 AWG multiconductor power and control cables with PVC or cross-linked polyethylene (XLPE) insulation. The hourly T Rating is 3/4 hr when a pipe or tube with fiber-glass insulation is used, or 0 hr when a pipe or tube, a pipe or tube with AB/PVC covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.
- D. Iron Pipe — Nom 3 in. (76 mm) diam (or smaller) cast or ductile iron pipe.
- E. Copper Tubing — Nom 3 in. (76 mm) diam (or smaller) Type L (or heavier) copper tube.
- F. Flexible Steel Conduit+ — Nom 1 in. (25 mm) diameter (or smaller) flexible steel conduit.
- G. Through Penetrating Product* — Flexible Metal Piping — The following types of steel flexible metal gas piping may be used:
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4. Firestop System — The firestop system shall consist of the following:

- A. Firestop System — The firestop system shall consist of the following:
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