GENERAL NOTES

RESTROOMS DOOR SCHEDULE

<table>
<thead>
<tr>
<th>DOOR NO.</th>
<th>ROOM NAME</th>
<th>DOOR SIZE</th>
<th>DOOR TYPE</th>
<th>FRAME</th>
<th>FRAME MATERIAL</th>
<th>HINGE TYPE</th>
<th>FRAME HARDWARE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1.1</td>
<td>BOYS RESTROOM</td>
<td>2'-6&quot; x 7'-0&quot;</td>
<td>B</td>
<td>H/M</td>
<td>H/M</td>
<td>NOMINATED</td>
<td>P</td>
</tr>
<tr>
<td>A1.2</td>
<td>GIRLS RESTROOM</td>
<td>2'-6&quot; x 7'-0&quot;</td>
<td>B</td>
<td>H/M</td>
<td>H/M</td>
<td>NOMINATED</td>
<td>P</td>
</tr>
</tbody>
</table>

NOTES:
1. U.D.N. ALL STEEL DOORS FRAME MEMBERS ARE MIN. 2" IN WIDTH.
2. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL BE 5 LBS.
3. ALL DOORS & HARDWARE TO BE LEVER TYPE
4. CONTRACTOR SHALL PROVIDE ALL DOOR SIZES PRIOR TO FABRICATION AND CONSTRUCTION
5. FOR RESTROOM BUNNIES REFER TO SHEET S412.20
6. REFER TO SHEET A1.10 FOR DETAILS
7. THIS DOOR IS LISTED AT 3'-0" HEIGHT BUT THE CONTRACTOR SHALL PROVIDE A 1/2" UNDERCUT FOR VENTILATION PURPOSES.

HARDWARE SET FOR DOORS A1.1 & A1.2

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>CATALOG NUMBER</th>
<th>FINISH</th>
<th>MFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 EA.</td>
<td>PULL PLATE</td>
<td>50302-4&quot; x 10&quot;</td>
<td>300</td>
<td>LACED S</td>
</tr>
<tr>
<td>1 EA.</td>
<td>deadbolt</td>
<td>50302-6&quot; x 1&quot;</td>
<td>300</td>
<td>LACED S</td>
</tr>
<tr>
<td>1 EA.</td>
<td>surface closer</td>
<td>4000SA-3&quot;</td>
<td>300</td>
<td>LACED S</td>
</tr>
<tr>
<td>1 EA.</td>
<td>lock</td>
<td>50302-10&quot; x 2&quot; CoE</td>
<td>300</td>
<td>LACED S</td>
</tr>
<tr>
<td>1 EA.</td>
<td>deadbolt</td>
<td>50302-6&quot; x 1&quot;</td>
<td>300</td>
<td>LACED S</td>
</tr>
<tr>
<td>1 EA.</td>
<td>closer</td>
<td>4000SA-3&quot;</td>
<td>300</td>
<td>LACED S</td>
</tr>
<tr>
<td>1 EA.</td>
<td>strike plate</td>
<td>22520</td>
<td>PL</td>
<td>PEM</td>
</tr>
<tr>
<td>1 EA.</td>
<td>strike</td>
<td>22520</td>
<td>PL</td>
<td>PEM</td>
</tr>
<tr>
<td>1 EA.</td>
<td>door stop</td>
<td>PS400</td>
<td>300</td>
<td>LACED S</td>
</tr>
</tbody>
</table>
DEMOLITION NOTES:

1. All electrical items including boxes and conduit shown on this drawing shall be removed from the building, leaving the wire free on the wall. Source on the next junction box, USA.
2. Disconnect and remove all light fixtures, COIL and type "X" wires in (C) Junction box for reconnection in the new work.
3. Relocate all electrical items to new location. See sheet E1.2 for new location.
4. Electrical items to remain in their present circuit continuity.
5. See note (b) on sheet E1.1 for other work required.
RESTROOM LIGHTING FIXTURE WIRING DIAGRAM
WITH EXHAUST FAN

1. LIGHT OCCUPANCY SENSOR
   - CAT 5 IN 3/4"C
   - HEAT SENSOR
   - BUILT-IN POWER PACK

LITHOMA CAT #11455-401139500-100119000-1100-4159
SHEET NOTE:
1 UTILIZE (1) SPARE CIRCUIT BREAKER, SIZE AS SHOWN.

LIGHTING FIXTURE SCHEDULE

<table>
<thead>
<tr>
<th>MARKER</th>
<th>MANUFACTURER</th>
<th>MODEL NO.</th>
<th>LIMITS</th>
<th>TOTAL</th>
<th>MOUNTING</th>
<th>DESCRIPTION</th>
<th>REMARKS</th>
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</thead>
<tbody>
<tr>
<td>☐ LITHOMA</td>
<td>CAT #11455-401139500-100119000-1100-4159</td>
<td>- LED</td>
<td>24.0</td>
<td>MULTI</td>
<td>SURFACE</td>
<td>3.5&quot; LED LIGHT FIXTURE WITH WHITE POLYESTER POWDERCOAT FINISH</td>
<td></td>
</tr>
<tr>
<td>☐ LITHOMA</td>
<td>CAT #11455-401139500-100119000-1100-4159</td>
<td>- LED</td>
<td>24.0</td>
<td>MULTI</td>
<td>SURFACE</td>
<td>SAME AS TYPE &quot;F&quot; LIGHT FIXTURE EXCEPT WITH EMERGENCY BATTERY PACK</td>
<td></td>
</tr>
<tr>
<td>☐ LITHOMA</td>
<td>CAT #11455-401139500-100119000-1100-4159</td>
<td>- LED</td>
<td>10.2</td>
<td>120</td>
<td>UNIVERSAL</td>
<td>LED CAT LIGHT FIXTURE WITH GREEN LETTERS ON WHITE BACKGROUND</td>
<td></td>
</tr>
</tbody>
</table>

STUD WALL PARTITION

2. TYPICAL WALL PENETRATION
   - NOT TO SCALE

3. SURFACE MOUNTED LIGHT FIXTURE DETAIL
   - NOT TO SCALE

STUCCO WALL PANEL
- SLEEVE INSTALLED IN WALL WITH ADHESIVE, SEALANT AROUND
- CONCreTE IN SLEEVE

CYPRESS BOARD WALL

SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE
256 BLACK STREET
SAN JOSE, CA 95128
SANTA CLARA COUNTY
OFFICE OF EDUCATION

SCHEDULE AND DETAILS

E2.0
PORTABLE 'C'
DSA #110675

1. INSTALL (N) CONDUIT INTO (Q) DECK.
2. SEE FA2.1 FOR CONTINUATION & (N) WORK REQUIREMENT.
3. REROUTING DURING CONSTRUCTION AND AFTER COMPLETE INSTALLATION AS REQUIRED. SEE ALSO NOTE ON FA2.1 FOR MORE WORK REQUIRED.

E) WATER FOUNTAIN

E) ADA ACCESSIBLE BATHROOMS

E) PARKING LOT

E) PARKING

ACCESSIBLE PARKING

AREA OF WORK

AREA OF WORK

BUILDING 'A'
DSA # 01-107485

FIRE ALARM SITE PLAN

FA1.1

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

FA1.5

REGULATORY AGENCY APPROVED

ARCHITECT'S SEAL

FA1.1

SUNOL COMMUNITY SCHOOL
RESTROOMS UPGRADE

256 SUNOL STREET
SAN JOSE, CA 95136
SANTA CLARA COUNTY
OFFICE OF EDUCATION

FA1.1

FILE NUMBER

ARCHITECT'S SEAL

5630

5630

5630

5630

5630

5630

5630

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5630

5630

5630

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5630
SUNOL
COMMUNITY SCHOOL
RESTROOMS UPGRADE
531-12
SAN JOSE, CA 95128
SANTA CLARA COUNTY
OFFICE OF EDUCATION

Sheet Notes:
1. PROVIDE HEAT DETECTOR LABEL, ADDRESS BELOW CEILING.
2. SEE FAI.1 FOR CONTINUATION.
3. THE (2) FIRE ALARM SYSTEM WHERE DING ON PORTABLE PROJECT WITH ZSA APP. PJ-01-0748.
4. CONNECT (2) (1) TELEPHONE LINE AND CONNECT (2) WIRELESS COMMUNICATOR AS SHOWN.
5. PROGRAMM TO THE (2) WIRELESS FIRE ALARM COMMUNICATOR AS THE PRIMARY CONNECTION AND TELEPHONE AS THE SECONDARY CONNECTION TO CENTRAL MONITORING STATION.

System Description:
The fire alarm shall be electrically supervised and monitored. Class B, Style V. The fire alarm system is a complete automatic and addressable system.

Fire Alarm Plan and Riser Diagram

FAI.1

ANNUNCIATOR
LOCTED IN CLASSROOM A

Addressed Rewarded

ADDRESSED RENEWED

M1-14

1A


SEE BATTERY CALCULATION ON SHEET FAI.1 FOR (E) DEVICES INFORMATION

Chez

1A


See FAI.1 for continuation

FAI.2

Not to Scale
# (G) MS-6000 Battery Calculation Work Sheet

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Type</th>
<th>Model</th>
<th>Voltage</th>
<th>Amperes</th>
<th>Power</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Power</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hourly Load</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Total Power</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Battery System</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Battery</td>
<td>1</td>
<td></td>
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<tr>
<td>Cables</td>
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<tr>
<td>Grounding</td>
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</tr>
</tbody>
</table>

## Equipment List

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Model</th>
<th>Description</th>
<th>CFM Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>FireSprinkler</td>
<td>MS-6000</td>
<td>Fire Alarm Control Panel</td>
<td>DISCONTINUED</td>
</tr>
<tr>
<td>System Sensor</td>
<td>700RF</td>
<td>Wireless Fire Alarm Monitoring</td>
<td>7200-10100-020</td>
</tr>
<tr>
<td>FirePanel</td>
<td>801PLP</td>
<td>Base, Detector, Addressable</td>
<td>7272-0075-018</td>
</tr>
<tr>
<td>FireDetector</td>
<td>SD-353</td>
<td>Smoke Detector Head, Photoelectric, Analog</td>
<td>7272-0075-018</td>
</tr>
<tr>
<td>MotionModule</td>
<td>MF-301</td>
<td>Control Module</td>
<td>7200-2075-018</td>
</tr>
<tr>
<td>SmokeDetector</td>
<td>HS</td>
<td>Horn Strobe</td>
<td>7125-0075-018</td>
</tr>
<tr>
<td>Strobe</td>
<td>ST</td>
<td>Strobe</td>
<td>7125-0075-018</td>
</tr>
<tr>
<td>Horn</td>
<td>AH-24VRP</td>
<td>Horn, Weatherproof</td>
<td>7125-0075-0131</td>
</tr>
<tr>
<td>CallPoint</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>CallButton</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Fire Alarm Wiring Legend

1. **LED** | **Illumination Color** | **Function** |
2. **Conventional** | | |
3. **Class A** | | |
4. **Class B** | | |
5. **Class C** | | |
6. **Class D** | | |
7. **Class E** | | |

## Notes

1. An additional multiplier is included to compensate for the higher discharge rate in alarm battery capacity diamonds, with age.
2. A 4-year-old battery can lose up to 20% of its capacity. Compensations should be made to allow for this loss.
3. The standby current x Alarm current must never exceed 65A Amps.
4. The battery is set to 12 AH.

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**Fire Alarm Voltage Drop Calculation**

- **Addendum VDHEC 009**
- **Fire Alarm System Design**
- **Fire Alarm System Calculation**
- **Fire Alarm System List**
- **Fire Alarm System Notes**
- **Fire Alarm System Report**
- **Fire Alarm System Test**
- **Fire Alarm System Wiring**

---

**Project Title**

**SUNOL COMMUNITY SCHOOL RESTRUCTURE UPGRADE**
285 SUNOL STREET
SAN JOSE, CA 95128
SANTA CLARA COUNTY OFFICE OF EDUCATION

**Revised/Approved Date**

**Application Number**

**Sheet No.**

**Drawing No.**

**FA3.1**