NEW CHILDCARE CENTER, BUILDING 202

SOLANO COMMUNITY COLLEGE DISTRICT  •  FAIRFIELD CAMPUS
4000 SUISUN VALLEY ROAD, FAIRFIELD, CA

PARKING LOT VIEW

FRONT ENTRANCE AND PLAY YARD VIEW
### GENERAL NOTES

1. **SKYLIGHTS**: INSTALLATION OF ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR THE STRUCTURAL ENGINEER IN RESPONSIBLE OF CHARGE AND APPROVED BY DSA.

2. **ADDENDA** SHALL BE SIGNED BY ARCHITECT AND OWNER AND APPROVED BY DSA.

3. **CHANGE ORDERS** SHALL BE SIGNED ARCHITECT AND APPROVED BY DSA.

4. **SUBSTITUTIONS AFFECTING STRUCTURAL SAFETY, FIRE AND LIFE SAFETY, OR ACCESS COMPLIANCE** SHALL BE APPROVED BY DSA PRIOR TO FABRICATION OR USE.

5. **INSPECTOR** SHALL BE EMPLOYED BY OWNER AND APPROVED BY ARCHITECT, STRUCTURAL ENGINEER, AND DSA.

### PROJECT INFORMATION

- **SITE**: SOLANO COMMUNITY COLLEGE, FAIRFIELD, CA
- **CONSTRUCTION TYPE**: SEE DRAWING G-2
- **OCCUPANCY GROUP**: SEE DRAWING G-2

### OUTLINE OF WORK

- **SPRINKLERS**: NEW FIRE SPRINKLER SYSTEM REQUIRED
- **FIRE ALARM SYSTEM**: NEW AUTOMATIC FIRE ALARM SYSTEM REQUIRED

### PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2011

1. **2010 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.**
2. **2010 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.**
   - (2009 INTERNATIONAL BUILDING CODE AND 2010 CALIFORNIA AMENDMENTS)
3. **2010 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.**
   - (2008 NATIONAL ELECTRICAL CODE AND 2010 CALIFORNIA AMENDMENTS)
GENERAL INSTALLATION NOTE

1. The landscape contractor shall inspect the site and verify conditions and dimensions prior to construction.

2. Install irrigation system in accordance with all local codes and ordinances.

3. Be sure to check with applicable codes and ordinances before installation of any irrigation elements.

4. Install irrigation system by the local authority having jurisdiction.

5. Be sure to check with applicable codes and ordinances before installation of any irrigation elements.

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NOTES:

REFER TO GENERAL NOTES SHEET "G-1" FOR ADDITIONAL INFORMATION.

REFER TO ELECTRICAL PLANS FOR LOCATIONS OF ALL SWITCHES, LIGHTS, RECEPTACLES, SMOKE DETECTORS, ETC.

SMOKE DETECTORS SHALL BE PERMANENTLY WIRED AND SHALL BE EQUIPPED WITH 24-HOUR BATTERY BACKUP.

ROOF LEGEND:

CANOPY SOFFIT - EXTERIOR 7/8" 3-COAT STUCCO OVER 2-LAYERS TYVEK, 1/2" CDX PLYWOOD, 600S METAL JOISTS @ 16" O.C.

ROOF RAFTERS - SEE STRUCT.

600S TRACK W/ #8 STSMS @ 24" O.C.

600S192-54 METAL STUD FRAMING @ 24" O.C.

600S192-54 METAL STUD FRAMING @ 24" O.C.

6" METAL STUDS @ 16" O.C.

6" METAL JOISTS @ 16" O.C.

5/8" GYPSUM BOARD

BATT INSULATION PER TITLE-24

#8 STSMS - 4 MIN. PER STUD @ 24" O.C.

#8 STSMS - 3 MIN. PER TRACK @ 24" O.C.

#8 STSMS - 3 MIN. PER TRACK @ 24" O.C.

#8 STSMS - 3 MIN. PER TRACK @ 24" O.C.

#8 STSMS - 3 MIN. PER TRACK @ 24" O.C.

6" METAL STUDS @ 16" O.C.

5/8" GYPSUM BOARD PAINTED AS SCHEDULED

5/8" GYP. BD. PAINTED AS SCHEDULED

5/8" GYPSUM BOARD PAINTED AS SCHEDULED

6" METAL STUDS @ 16" O.C.

6" METAL JOISTS @ 16" O.C.

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6" METAL STUDS @ 16" O.C.

6" METAL JOISTS @ 16" O.C.

SEE DETAIL 3/A2 FOR GAUGE & CONNECTION.

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NOTES:

REFER TO GENERAL NOTES SHEET "G-1" FOR ADDITIONAL INFORMATION.

REFER TO ELECTRICAL PLANS FOR LOCATIONS OF ALL ELECTRICAL DEVICES, LIGHTS, RECEPTACLES, AND SMOKE DETECTORS.

BEFORE DETAIL DRAWINGS SHALL BE RENDERED, VIEWS AND DETAILS SHALL BE CHECKED WITH THE PROJECT TEAM.

SECTION LEGEND:

EXTERIOR WALL — EXTERIOR 7/8" 3-COAT STUCCO OVER 2-LAYERS TYVEK, 1/2" CDX PLYWOOD, 600S METAL STUDS, R-19 HIGH DENSITY INSULATION, AND 5/8" GYP. BD. (SEE STRUCT)

INTERIOR WALL — 600S METAL STUDS WITH 5/8" GYP. BD. EACH SIDE & 3-INCH SOUND ATTENUATION INSULATION (R-19 BATT INSUL. @ MECH. ROOM).

PLUMBING WALL — 600S METAL STUDS @ 16" O.C. WITH 5/8" WP. GYP. BD. ON WET SIDE AND 5/8" GYP. BD. ON DRY SIDE. PROVIDE CEMENT BACKER BD. AT TILE INSTALLATIONS AND 3-INCH SOUND ATTENUATION INSULATION (SEE STRUCT).

4'-0" HIGH PARTITION WITH 600S METAL STUDS & 5/8" GYP. BD. ON BOTH SIDES. PROVIDE CEMENT BACKER BD. AT TILE INSTALLATIONS AND 3-INCH SOUND ATTENUATION INSULATION (SEE STRUCT).

SMOKE DETECTORS SHALL BE PERMANENTLY WIRED AND SHALL BE EQUIPPED WITH 24-HOUR BATTERY BACKUP.

SECTION NOTES:

24" DEEP BASE CABINET WITH 36" HIGH COUNTERTOP AND SPLASH.

30" HIGH DESK AND RETURN 12" DEEP OVERHEAD CABINET.

TWO COMPARTMENT SINK WITH GARBAGE DISPOSAL - VERIFY DIMENSIONS IN MANUFACTURER'S SPECIFICATIONS.

COUNTER MOUNTED MICROWAVE, LIGHT AND EXHAUST FAN ABOVE (DUCT TO OUTSIDE AIR) - VERIFY DIMENSIONS & REQUIRED CLEARANCES WITH MANUFACTURER'S SPECIFICATIONS PRIOR TO FABRICATING CABINETS.

36" CLEAR REFRIGERATOR SPACE - PROVIDE PLUMBING FOR ICEMAKER (RECESSED IN WALL).

24" DEEP COUNTERTOP AND SPLASH.

CHILD'S BATHROOM WITH APPROVED FINISH (4) WALLS TO 48" ABOVE FLOOR.

PROVIDE CLEAR TEMPERED GLASS PANEL IN GATE.

SHELF AND POLE.

PROVIDE MECHANICAL VENTILATION THIS ROOM CAPABLE OF PROVIDING FIVE AIR CHANGES PER HOUR - (SEE ELECT)

GASELEC. PROVIDE SEISMIC STRAPS AT POINTS WITHIN THE UPPER AND LOWER ONE-THIRD OF ITS VERTICAL DIMENSION.

THE LOWER ANCHOR / STRAP LOCATED TO MAINTAIN A DISTANCE OF 4 INCHES ABOVE THE CONTROLS AND INSULATION PER TITLE-24 ENERGY CALC.

PROVIDE PRESSURE RELIEF VALVE WITH 1/2" COPPER DRAIN TO OUTSIDE & 12"X12" LOUVER T&B. (SEE MECH)

HVAC UNIT IN CLOSET - PROVIDE LIGHT, SWITCH, 110V RECEPTACLE (SEE MECH)

CONCRETE SLAB-ON-GRADE AT COVERED PATIO SLOPE 1/4" PER FOOT TO DRAIN (SEE STRUCT).

RUBBER FLOORING WITH ANTI-MICROBIAL TREATMENT AS SCHEDULED THIS AREA.

LOW DECORATIVE WOOD TRELLIS OVER STAFF WORK AREA.

STANDING SEAM ROOF BEYOND WOOD COLUMN COVER OVER PIPE COLUMN (SEE STRUCT).

BUR O/ PLYWOOD AND METAL ROOF FRAMING (SEE STRUCT).

SLOPE TO DRAIN 1/4"/FT WITH TAPERED RIGID INSULATION.

070200

UNDERLAYMENT & TAPERED INSULATION

PREFAB ROOF VENT

COUNTER FLASHING SET IN MASTIC

SCUPPER DRAIN

DUCT SPACE

5/8" GYP. BD.

600S METAL JOIST FRAMING (SEE STRUCT)

#8 STMS @ EACH JOIST

ATTIC SPACE

600S METAL (JOIST FRAMING (BRACKETS) BRACED)

600S METAL STUD FRAMING (SEE STRUCT)

BATT INSULATION PER TITLE-24

BATT INSULATION PER TITLE-24

BATT INSULATION PER TITLE-24

MECH. VENTILATION SPACE - PROVIDE PLUMBING FOR MULTI-STORY (PROVIDE PRE-MANUFACTURED DUCT)

5/8" GYP. BD.

600S METAL STUD WALL FRAMING  (SEE STRUCT)

5/8" GYP. BD. SOFFIT

METAL CORNER BEAD

600S METAL STUD SOFFIT FRAMING  (SEE STRUCT)

BATT INSULATION PER TITLE-24

BATT INSULATION PER TITLE-24

BATT INSULATION PER TITLE-24

TYPICAL SOFFIT @INTERIOR WALL

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

TYPICAL SOFFIT @INTERIOR WALL

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

TYPICAL CEILING @ INTERIOR WALL

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

CONCRETE SLAB-ON-GRADE AT COVERED PATIO SLOPE 1/4" PER FOOT TO DRAIN (SEE STRUCT).
**DOOR TYPES**

**DOOR SCHEDULE**

**NOTES**

1. See floor plan and door schedule for each door number and location.
2. All doors to be 1-3/4" thick.
3. Typical door construction as noted on schedule.
4. Typical door finish (laminates / high pressure laminate / vinyl / wood).
5. Provide weather stripping and thresholds at all exterior doors.
6. Provide sound seal and automatic door bottom at bathroom door.
7. Provide 3" sound attenuation blanket at all bathroom walls.
8. Provide 3" insulation in partitions and attic space.
9. Provide all interior doors with standard 3'-0" height.
10. See specifications for hardware groups.

**ROOM FINISH SCHEDULE**

**WINDOW SCHEDULE**

**WINDOW TYPES**
ELEVATION "A"  ELEVATION "B"  ELEVATION "C"  ELEVATION "D"

NOTE: SEE DETAIL 1/A12 FOR NOTES AND ACCESSIBLE DIMENSIONS.
NOTES:
- REFER TO ELECTRICAL PLANS FOR LOCATIONS OF ALL ELECTRICAL OUTLETS, MOUNTING OUTLETS, SMOKE DETECTORS, ETC.
- SMOKE DETECTORS SHALL BE PERMANENTLY WIRED AND SHALL BE SUPPLIED WITH A BATTERY BACKUP.

ROOF LEGEND:
- PLASTIC PIPE LAY FLAT OVER 2-LAYERS TYVEK, 1/2" CDX PLYWOOD, 6" METAL JOISTS @ 16" O.C.
- METAL STUDS @ 16" O.C.
- TUBE STEEL - SEE STRUCTURAL.
- 600S METAL STUDS @ 16" O.C.
- HSS 6x4x1/4 HEADER 3/8" THK. CAP PL W/ 3/16" TACK WELD AND WELD TO COLUMN W/ 1/4" FILLET WELD ALL AROUND.
- HSS 6x4x1/4 HEADER EXTEND TO POST OR PIPE COL.

CEILING PLAN NOTES:
- 600S LEDGER AT WALL ED.
- RECESSED LIGHT FIXTURE (SEE ELECTRICAL).
- INTERIOR PENDANT MOUNTED LIGHT (SEE ELECTRICAL).
- 6:12 SLOPED GYPSUM BOARD CEILING WITH CENTER RIDGE (SEE STRUCTURAL).
- HEADER ABOVE WINDOWS TO UNDERSIDE OF CEILING.
- EXTERIOR CURVED HEADER & SOFFIT FRAMING (SEE ARCHITECTURAL).
- TUBE STEEL - SEE STRUCTURAL.
- 29" X 54" MINIMUM CEILING ACCESS PANEL WITH RETRACTABLE LADDER SEE DETAIL 3/A-13.

INTERIOR WINDOW SCALE: 3" = 1'-0"
### Legend and Abbreviations

**Legend**
- **Valves**
- **Miscellaneous**
- **ABBRIDATIONS**

**General Notes**
- Code: [Note]
- Description: [Description]

**Drawing Index**
- [Drawing Name]: [Description]

### Fixtures Connection Schedule

**Fixture Name**
- **Note**
- **Unit**
- **Cut**
- **Box**
- **Material**

### Electric Water Heater Schedule

**Equipment**
- **Note**
- **Unit**
- **Cut**
- **Box**

### Code References
- A123 Code Reference
- B123 Code Reference
- C123 Code Reference

### MEP Component Anchorage Note

**Fitting**
- **Note**
- **Description**

### Seismic Bracing Notes

- **Note**
- **Description**

**Architectural Concepts**
- New Child Care Center
- Building 202
- Skull Valley Community College
- 44-110 West College Avenue
- Middlefield, OH 44062

**ARCHITECTURAL CONCEPTS**
- Architectural Concepts
- 44-110 West College Avenue
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**New Child Care Center**
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**Approval Date**: 5/16/2013

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[Drawing Image]
**Legend and Abbreviations**

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**Abbreviations**

- AC: Alternating current
- RS: Refrigeration systems
- SS: Structure systems
- DATE: Date

**General Notes**

1. Refer to architectural and electrical plans for floor plans, exterior views, and site plans, as well as the architectural specifications.
2. The location of all electric service shall be shown on the floor plan.
3. The size of all service equipment shall be shown on the electrical plan.
4. Refer to the architectural and electrical drawings for the location of all service equipment and the size of all service equipment.
5. All electrical and plumbing equipment shall be sized for use.
6. All switches and outlets shall be sized for use.
7. All switches and outlets shall be located in accordance with the electrical code.
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**Architectural Concepts**

**Building 202**

**Identification Stamp**

Division of the State Architect Sacramento Regional Office
1102 Q Street, Ste. 5200 Sacramento, CA 95811 (916) 445-8730

**MEP Component Anchorage Note**

- All equipment and electrical/structural components shall be located as shown on the architectural and electrical plans.
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**Electrical Distribution System Bracing Note**

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SCOPE OF WORK

INSTALLATION OF NEW AUTOMATIC SPRINKLER SYSTEM THROUGHOUT NEW BUILDING (BUILDING IS 1 STORY ABOVE GRADE)