

# WEST ED MODULAR BUILDINGS

SITE WORK - PHASE I  
 CAÑADA COLLEGE  
 4200 FARM HILL BLVD.  
 REDWOOD CITY, CALIFORNIA 94061

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## PROJECT SUMMARY

THIS PROJECT IS THE INSTALLATION OF THREE WOOD FRAMED PORTABLE BUILDINGS AND ASSOCIATED SITE WORK AT CAÑADA COLLEGE. THE WORK INCLUDES, BUT IS NOT LIMITED TO, THE FURNISHING OF ALL LABOR MATERIALS AND EQUIPMENT REQUIRED TO COMPLETE THE PROJECT AS FOLLOWS:

**PHASE I: DSA INCREMENT 1 OF APPLICATION**  
 IMPROVING THE EXISTING SITE IN PREPARATION OF INSTALLING PORTABLE BUILDINGS. THIS INCLUDES, BUT IS NOT LIMITED TO: GRADING, BUILDING PAD PREPARATION, CONSTRUCTION OF A PARKING LOT AND WALKS, SITE LIGHTING, CONSTRUCTION OF A SANITARY SEWER LIFT STATION, AND EXTENSION OF NEARBY OFF-SITE UTILITIES TO PROPOSED BUILDINGS.

**PHASE II: DSA INCREMENT 2 OF APPLICATION**  
 INSTALLING PORTABLE BUILDINGS ON PREPARED PADS ON SITE, AND CONNECTING TO UTILITIES, AND FIRE ALARMS

THESE PLANS ARE FOR THE PHASE I SCOPE OF WORK. THE PORTABLE BUILDING PLANS ARE CURRENTLY LISTED UNDER PC #02-101835, WITH A STOCKPILE 'A' NUMBER TO FOLLOW IN THE PHASE II SUBMITTAL.

## GENERAL NOTES

### PRE-BID SITE VISIT

CONTRACTOR SHALL, AS A CONDITION OF AN ACCEPTABLE BID, VISIT THE PROJECT AREA IN ORDER TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND THE REQUIREMENTS OF THE PROJECT. CONTRACTOR MAY CONTACT THE ARCHITECT DURING THE BIDDING PHASE REGARDING CLARIFICATIONS AND PROJECT REQUIREMENTS.

### SAFETY

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

### DAMAGE TO STRUCTURE OR SYSTEMS TO REMAIN

CONTRACTOR SHALL REIMBURSE OWNER FOR REPAIR AND REPLACEMENT, TOGETHER WITH ARCHITECT'S FEES FOR ANY DAMAGE CAUSED TO STRUCTURES OR EXISTING SYSTEMS TO REMAIN, AS THE RESULT OF CONSTRUCTION OPERATIONS.

### EXISTING CONDITIONS

ALL INFORMATION RELATING TO EXISTING CONSTRUCTION IS GIVEN AS BEING THE BEST INFORMATION AVAILABLE, BUT WITHOUT GUARANTEE OF ACCURACY. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND BUILDING DATA AT THE JOB SITE. ANY DISCREPANCY REQUIRING MODIFICATION TO THE CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY. NO MODIFICATIONS SHALL BE MADE BY THE CONTRACTOR WITHOUT APPROVAL FROM THE ARCHITECT.

### CONTRACTOR'S EQUIPMENT

COORDINATE WITH OWNER'S REPRESENTATIVE LOCATION OF CONTRACTOR'S BUILDING ENTRANCE AND LOCATION OF CONTRACTOR'S EQUIPMENT AND MATERIAL STORAGE AREA. SEE SITE PLAN FOR ADDITIONAL NOTES.

### UTILITY SHUT-DOWNS AND CONNECTIONS

BEFORE THE SHUT-DOWN OR TYING INTO ANY UTILITY, PRIOR APPROVAL SHALL BE OBTAINED FROM THE OWNER'S REPRESENTATIVES.

### ASBESTOS AND ASBESTOS PRODUCTS

THE OWNER/OPERATOR AND CONTRACTOR SHOULD BE AWARE THAT IN BUILDINGS OR PORTIONS THEREOF, CONSTRUCTED PRIOR TO 1978 OR THEREABOUT, THERE IS A CERTAIN POSSIBILITY THAT SOME EXISTING CONSTRUCTION MATERIALS CONTAINING ASBESTOS WILL BE ENCOUNTERED DURING ALTERATIONS OR REMODELING.

UNDER CALIFORNIA TITLE 8, THE OWNER AND CONTRACTOR BOTH HAVE RESPONSIBILITIES TO DETERMINE THE EXISTENCE OF ASBESTOS CONTAINING MATERIALS IN AREAS TO BE ALTERED OR REMODELED PRIOR TO COMMENCEMENT OF WORK AND TO TAKE APPROPRIATE MEASURES TO PROTECT PERSONNEL AND INHABITANTS. CAL-OSHA HAS JURISDICTION OVER ASBESTOS RELATED WORK. ASBESTOS RELATED WORK SHALL BE DONE IN ACCORDANCE WITH CALIFORNIA GENERAL INDUSTRIAL SAFETY ORDERS, TITLE 8, SECTION 341.6 THROUGH 341.14. ASBESTOS IN THE WORK ENVIRONMENT IS REGULATED BY TITLE 8, SECTION 5208.

### ALL BUILDING MATERIALS MUST BE ASBESTOS FREE.

THESE DOCUMENTS DO NOT ADDRESS CONTAINMENT FOR EXISTING AREAS OF ASBESTOS WHICH MAY BE DISCOVERED DURING CONSTRUCTION. THE OWNER'S ABATEMENT SUBCONTRACTOR IS SOLELY RESPONSIBLE FOR THE DETECTION, REMOVAL, AND THE DISPOSAL OF ANY EXISTING ASBESTOS MATERIAL. ARCHITECTURAL AND ENGINEERING FEES FOR ADDITIONAL DESIGN EFFORT TO OBTAIN STATE APPROVALS, AS WELL AS THE COST OF ANY REPAIRS, FOR DAMAGE CAUSED OR REPLACEMENT OF EXISTING SYSTEMS TO REMAIN, DUE TO WORK PERFORMED BY THE ASBESTOS ABATEMENT SUBCONTRACTOR, SHALL BE THE RESPONSIBILITY OF SAID SUBCONTRACTOR.

### CONSTRUCTION SCHEDULING

CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH OWNER'S REPRESENTATIVE PRIOR TO SCHEDULING AND START OF THE WORK. CONTRACTOR SHALL PROVIDE PROTECTION TO ALL EXISTING SPACES AND SYSTEMS WHICH ARE IN USE AND ARE ADJOINING THE WORK AND ARE NOT PART OF THE WORK.

### INTERIOR FINISHES

INTERIOR FINISHES AND ALL WALL COVERING MATERIAL SHALL CONFORM TO CCR TITLE 24, PART 2, CHAPTER 4A, SECTION 420A.9.

### ANCHORAGE FOR EQUIPMENT

ATTACHMENTS OF EQUIPMENT WEIGHING LESS THAN 400 POUNDS AND SUPPORTED DIRECTLY ON THE FLOOR OR ROOF STRUCTURE, FURNITURE OR TEMPORARY OR MOVEABLE EQUIPMENT AND EQUIPMENT WEIGHING LESS THAN 20 POUNDS THAT IS SUPPORTED BY VIBRATION ISOLATION DEVICES SUSPENDED FROM THE ROOF, WALL OR FLOOR NEED NOT BE DETAILED ON THE PLANS. (CCR, TITLE 24, PART 2, CHAPTER 16 - SECTION 1630A.1) HOWEVER, SUCH EQUIPMENT MUST BE SUPPORTED AND ANCHORED TO RESIST THE FORCES PRESCRIBED BY SECTION 1630A.2 AND THE ANCHORAGE SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.

### SUBSTITUTIONS

SUBSTITUTIONS FOR PRE-DESIGNED AND PRE-CALCULATED ITEMS SPECIFIED HEREIN SHALL BE SUBSTANTIATED WITH CALCULATIONS BY A CALIFORNIA REGISTERED STRUCTURAL ENGINEER AT CONTRACTOR'S EXPENSE PRIOR TO FABRICATION AND INSTALLATION.

### SPECIFIC NOTES

ALL NOTES SHALL REFER TO NEW CONSTRUCTION, UNLESS 'EXISTING' IS SPECIFICALLY MENTIONED.

### FIRE SPRINKLER SYSTEM / FIRE ALARM SYSTEM PLANS

CONTRACTOR SHALL PREPARE PLANS AND CALCULATIONS AND COMPLY BY NFPA STANDARD 72, 'INSTALLATION OF FIRE ALARMS'. CONTRACTOR SHALL SUBMIT PLANS, SPECIFICATIONS AND ANY REQUIRED CALCULATIONS FOR APPROVAL PRIOR TO INSTALLATION.

### HAZARDOUS MATERIAL

ALL HAZARDOUS MATERIALS USE AND STORAGE TO COMPLY WITH THE CALIFORNIA FIRE CODE.

## REFERENCES

GROUP I, CHAPTER 4, PART I, TITLE 24 CCR  
 (Refer to Following for Requirements)

1. ADDENDA, CHANGE ORDERS: SECTION 4-338
2. INSPECTOR AND CONTINUOUS INSPECTION OF WORK: SECTION 4-333(B) AND 4-342. INSPECTOR SHALL BE APPROVED BY DSAs/ORS
3. SPECIAL INSPECTIONS: SECTION 4-333(C)
4. CONTRACTOR, SUBMITTAL OF VERIFIED REPORTS: SECTION 4-336 AND 4-343(C)
5. ADMINISTRATION OF CONSTRUCTION: PART I, TITLE 24, CCR
  - a. DUTIES OF ARCHITECT, STRUCTURAL ENGINEERS AND PROFESSIONAL ENGINEERS: SECTION 4-333(A) AND 4-341
  - b. DUTIES OF CONTRACTOR: SECTION 4-343
  - c. VERIFIED REPORTS: SECTION 4-336
6. GOVERNING CODES: TITLE 24, CCR
7. NOTIFICATION ON START OF CONSTRUCTION: SECTION 4-331
8. SUPERVISION BY DSA/ORS: SECTION 4-334
9. A COPY OF PART I AND II OF TITLE 24 SHALL BE KEPT AVAILABLE IN THE FIELD DURING CONSTRUCTION
10. \*DSA/ORS IS NOT SUBJECT TO ARBITRATION

\*DIVISION OF THE STATE ARCHITECT/OFFICE OF REGULATIONS SERVICES

## ADMINISTRATIVE REQMTS.

CHAPTER 4, PART I, TITLE 24, C.C.R.  
 ADMINISTRATIVE REQUIREMENTS  
 (PARTIAL LISTING ONLY)

1. A COPY OF PARTS I AND 2, TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
2. ALL CHANGE ORDERS AND ADDENDA TO BE SIGNED BY THE ARCHITECT AND THE OWNER AND APPROVED BY DSA. CHANGE ORDERS ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-338, PART I, TITLE 24.
3. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART I, TITLE 24, AND APPROVED T & I SHEET.
4. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335 OF PART I, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY COSTS OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR.
5. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART I, TITLE 24.
6. INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(B). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART I, TITLE 24.
7. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART I, TITLE 24.
8. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM 555-6) IN ACCORDANCE WITH SECTION 4-336 AND 4-343, PART I, TITLE 24.
9. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-333(A) AND 4-341, PART I, TITLE 24.
10. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4-343, PART I, TITLE 24.
11. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE SCHOOL BUILDING IN ACCORDANCE WITH TITLE 24, C.C.R. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, C.C.R., A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE OFFICE OF REGULATION SERVICES BEFORE PROCEEDING WITH THE WORK.

## CODE SUMMARY

### TYPE OF CONSTRUCTION:

TYPE V-N

### OCCUPANCY:

TYPE, PORTABLE BUILDING: GROUP E, DIV. 2

### PROJECT AREA:

NEW CONSTRUCTION AREA:  
 BUILDING #19 1,893 SQ. FT.  
 BUILDING #20 1,893 SQ. FT.  
 BUILDING #21 1,893 SQ. FT.  
 TOTAL AREA = 5,679 SQ. FT.  
 ALLOWABLE AREA = 9,100 SQ. FT.

## NOTES AND CODES

COMPLY WITH ALL CURRENT EDITIONS AND CURRENTLY ENFORCED ORDINANCES, LAWS AND REGULATIONS APPLICABLE TO THE WORK. CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY RESULTS OF CARELESSNESS OR VIOLATIONS IN THIS RESPECT, AND HOLD THE OWNER HARMLESS FROM ANY DAMAGE ARISING THEREFROM. NOTHING IN THE DRAWINGS OR SPECIFICATIONS SHALL BE CONSTRUED TO PERMIT WORK NOT IN COMPLETE CONFORMANCE WITH ANY STATE OR LOCAL CODE OR ORDINANCE INCLUDING THE FOLLOWING:

1. CALIFORNIA EDUCATION CODE, TITLE 5, CURRENT EDITION
2. 1998 BUILDING STANDARDS ADMINISTRATIVE CODE, PART I, TITLE 24, CCR.
3. 1998 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, CCR (1997 UNIFORM BUILDING CODE, VOLUMES 1-3, AND 1998 CALIFORNIA AMENDMENTS)
4. 1998 CALIFORNIA ELECTRIC CODE (CEC), PART 3, TITLE 24, CCR (1996 NATIONAL ELECTRIC CODE AND 1998 CALIFORNIA AMENDMENTS)
5. 1998 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, CCR (1997 UNIFORM MECHANICAL CODE AND 1998 CALIFORNIA AMENDMENTS)
6. 1998 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, CCR (1997 UNIFORM PLUMBING CODE AND 1998 CALIFORNIA AMENDMENTS)
7. 1998 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, CCR (1997 UNIFORM FIRE CODE AND 1998 CALIFORNIA AMENDMENTS)
8. 1998 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24
9. 1990 TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
10. SAFETY ORDERS OF DIVISION OF INDUSTRIAL SAFETY
11. 1998 CALIFORNIA ENERGY CONSERVATION STANDARDS
12. REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA)
13. ASD(AISC) MANUAL OF STEEL CONSTRUCTION, 9TH EDITION
14. 1991 REVISED NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION

### RULE OF LAW

REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT APPLIES TO WORK TO THESE PROJECT. THE ARCHITECT ASSUMES NO LIABILITY FOR THE CONTRACTOR'S ACTS OR OMISSIONS WITH RESPECT TO ADA REQUIREMENTS PERTAINING TO WORK OF THIS PROJECT.

## DRAWING INDEX

### ARCHITECTURAL

- T-1 GENERAL NOTES, PROJECT DATA, VICINITY AND LOCATION MAPS
- T-2 ABBREVIATIONS, SYMBOLS, MATERIAL NOTES, AND DETAILS
- A1 SITE PLAN

### ENGINEERING

- 1 TITLE SHEET
- 2 NOTES AND DETAILS
- 3 GRADING AND DIMENSIONAL PLAN
- 4 UTILITY PLAN
- 5 EROSION CONTROL PLAN
- P-1 PLUMBING PLAN AND DETAILS
- E-1 ELECTRICAL PLAN
- E-2 ELECTRICAL DETAILS

### PORTABLE BUILDING

- (DRAWINGS TO FOLLOW IN PHASE II)

## DESIGN TEAM

### ARCHITECT

SUGIMURA & ASSOCIATES / ARCHITECTS  
 2155 SOUTH BASCOM AVENUE, #200  
 CAMPBELL, CA 95008  
 (408) 879-0600  
 (408) 377-6066 FAX  
 ATTN: DANIEL PATTERSON

### CIVIL ENGINEER

DAVID EVANS AND ASSOCIATES, INC.  
 5000 EXECUTIVE PARKWAY, SUITE 125  
 SAN RAMON, CA 94583  
 (925) 867-3380  
 (925) 867-3388 FAX  
 ATTN: GERRY PARCO  
 MARK WOODS

### ELECTRICAL / MECHANICAL ENGINEER

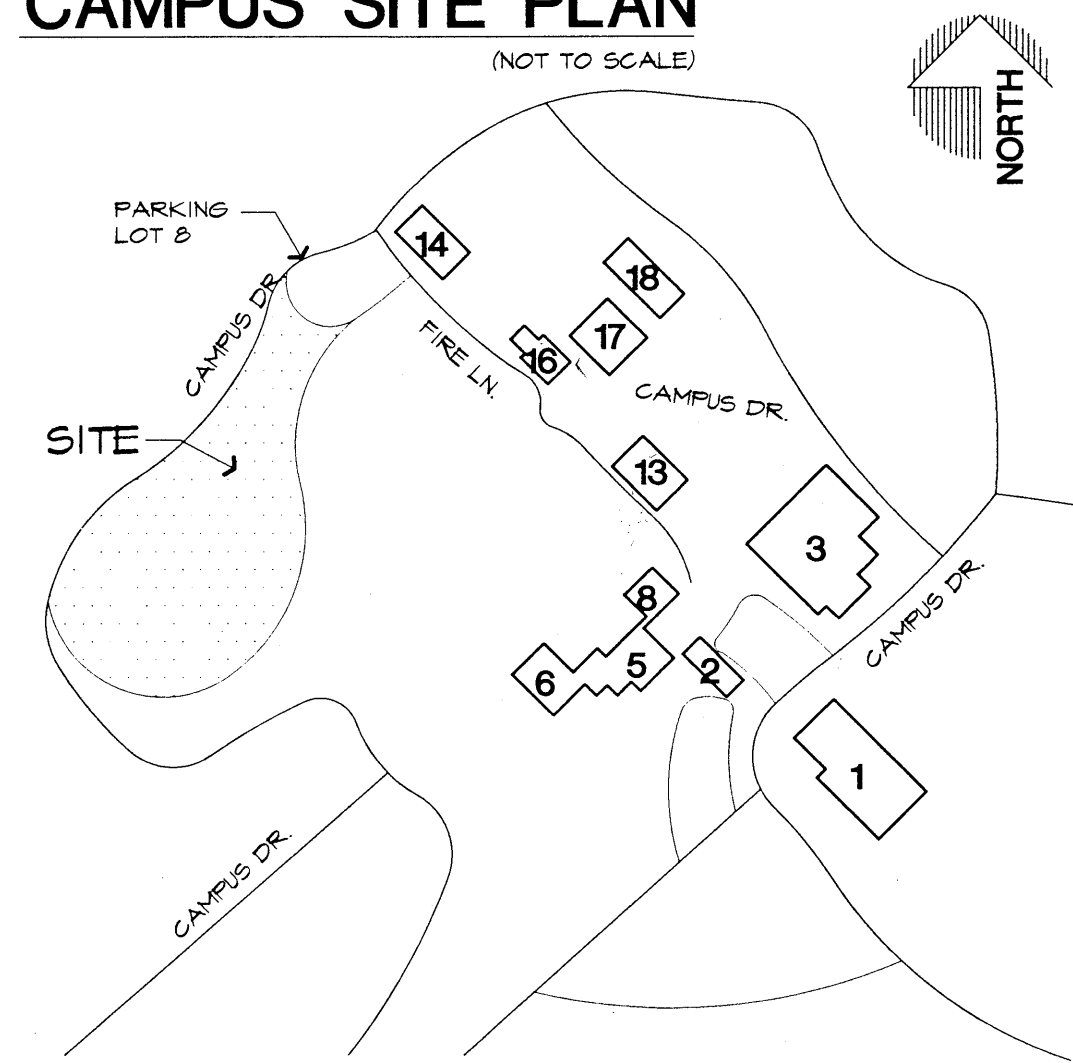
AG CONSTRUCTION ENGINEERING  
 4070 NELSON AVENUE, SUITE C  
 CONCORD, CA 94520  
 (925) 609-1660  
 (925) 609-1661 FAX  
 ATTN: ARTURO CABRERA

### PORTABLE BUILDING MANUFACTURER

MOBILE MODULAR MANAGEMENT CORP.  
 5700 LAS POSITAS ROAD  
 LIVERMORE, CA 94550  
 (925) 606-9000  
 (925) 453-3201 FAX  
 ATTN: STEVE COWLES

## CAMPUS SITE PLAN

(NOT TO SCALE)

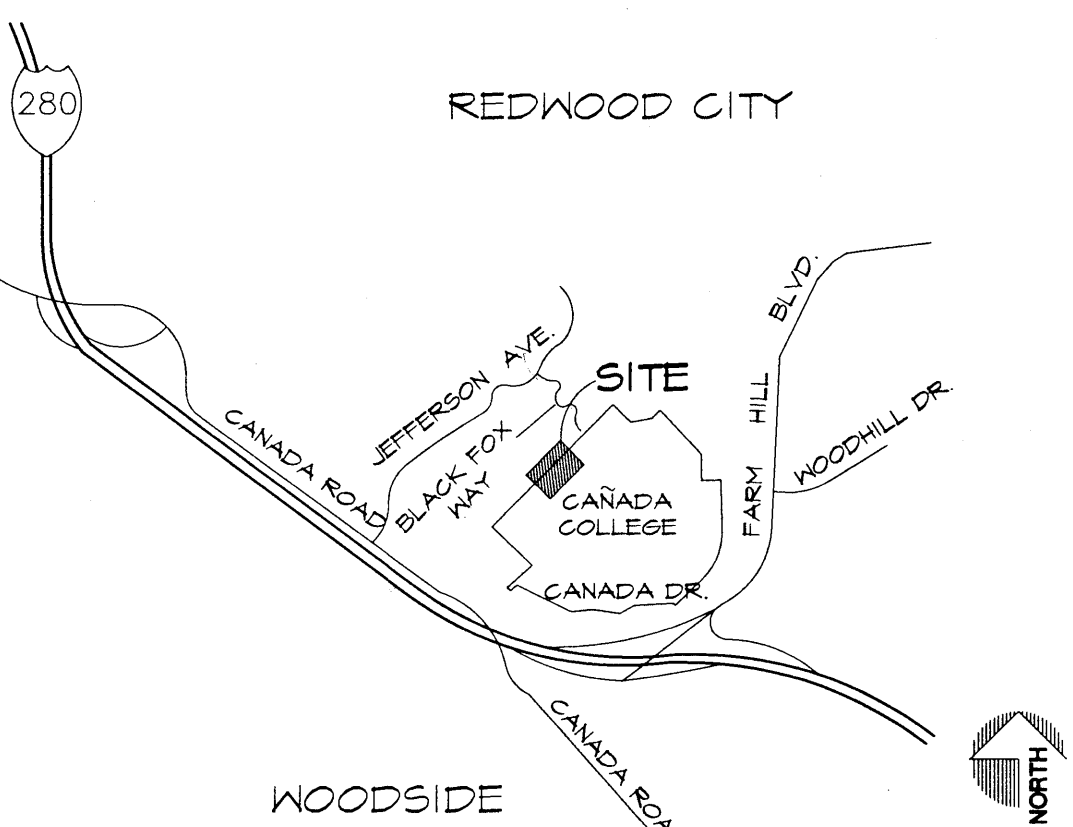


### LEGEND

BUILDING NUMBER	BUILDING NAME	O.R.S. APPLICATION NUMBER
1	GYMNASIUM	27796
2	BOOKSTORE	59077
3	PERFORMING ARTS CENTER	27796
5	LEARNING ARTS CENTER	5442
6	LIBRARY	5444
8	ADMISSIONS & RECORDS BUILDING	5443
13	ACADEMIC CENTER	27796
14	CHILDCARE CENTER	100924
16	SCIENCE BUILDING	22796
17	SCIENCE BUILDING	22796
18	SCIENCE BUILDING	22796

## LOCATION MAP

(NOT TO SCALE)



TITLE SHEET / NOTES

WEST ED MODULAR BUILDINGS - PHASE I  
 CAÑADA COLLEGE  
 4200 FARM HILL BOULEVARD  
 REDWOOD CITY, CALIFORNIA

### REVISIONS

NO.	ITEM	DATE

### CLIENT APPROVAL:

DRAWN BY: DBP  
 CHECKED BY: GMS  
 JOB NO: 2056  
 DATE: 12/20/00

ORS / DSA APPROVAL

T-1

OF SHEETS

NAME: P:\2056\CAD\PLT\205611.dwg DATE: DEC 05, 2000 TIME: 1:59 PM