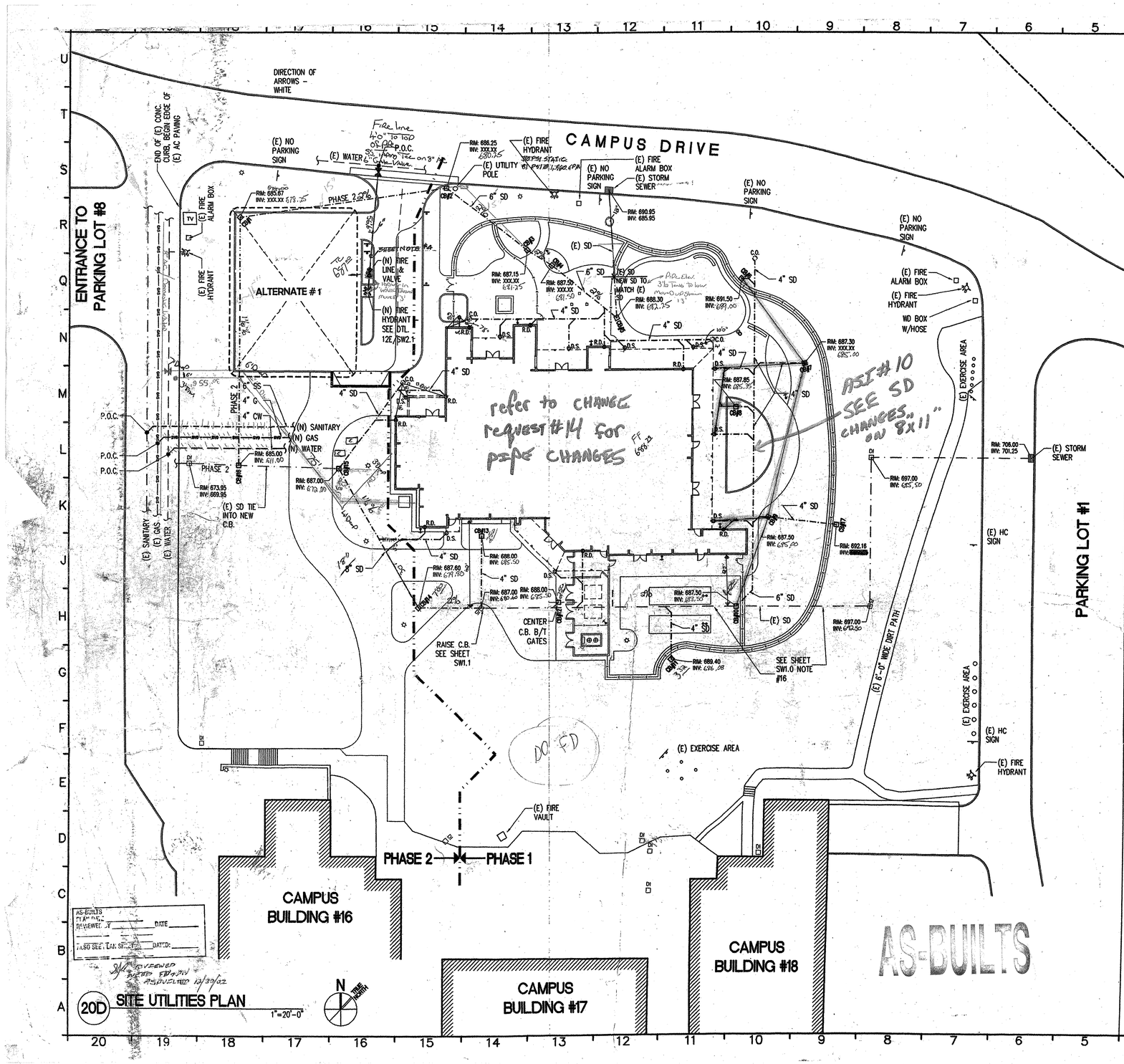

SITE UTILITIES PLAN NOTES

1. ALL GAS, WATER AND SEWER LINES SHALL BE DONE IN "PHASE 1": CONTRACTOR TO COORDINATE WORK W/ ARCHITECT/OWNER. WORK TO BE DONE DURING THE TIME THE CHILD DEVELOPMENT CENTER IS CLOSED, B/T SEMESTERS OR AS COORDINATED W/ COLLEGE. ALL WORK TO BE FINISHED, TRENCHES FILLED AND PLAY AREA REESTABLISHED PRIOR TO STUDENTS/CHILDREN RETURNING.

2. SEE PLUMBING DRAWINGS FOR CONNECTION TO SEWER, WATER AND GAS.

3. CONTRACTOR TO PROVIDE STORM DRAIN W/MIN. SLOPE OF 1/4" PER FOOT TYP.

4. Underground Fire Line General Notes:

NFPA 24 Sec. 7-2 All ferrous metal pipe shall be lined, and steel pipe shall be coated and wrapped with joints field-coated and wrapped after assembly. For buried pipe, galvanizing, internally or externally, does not meet the requirements of this section.

NFPA 24 Sec. 8-5.2 All bolted joint accessories shall be cleaned and thoroughly coated with asphalt or other corrosion-retarding material after installation.

NFPA 24 Sec. 8-6.2.8 After installation, rods, nuts, bolts, washers, clamps, and other restraining devices, except thrust blocks, shall be cleaned and thoroughly coated with a bituminous or other acceptable corrosion-retarding material.

NFPA 24 Sec. 8-2.1 Underground mains shall be completely flushed to remove foreign materials that might have entered the main during the course of the installation per Table 9-1.1 to produce a velocity of 10 ft per second in pipes. Witnessed by the Inspector of Record. (Local Fire Authority shall be notified of date and time of flush and shall assist/witness such testing when able.)

NFPA 24 Sec. 8-9.3.1 All new private underground fire service mains shall be tested hydrostatically at not less than 200-psi pressure for a minimum of two hours. Witnessed by the Inspector of Record. (Local Fire Authority shall be notified of date and time of hydro-testing and shall assist/witness such testing when able)

NFPA 24 Sec. 8-6.2 Thrust blocks shall be of a concrete mix not leaner than one part cement, two and one-half parts sand, and five parts stone. Thrust blocks shall be placed between undisturbed earth and the fitting to be restrained, and shall be of such bearing as to ensure adequate resistance to the thrust to be encountered. In general, thrust blocks shall be so placed that the joins will be accessible for inspection and repair.

The amount of leakage in buried piping shall be measured at the specified test pressure by pumping from a calibrated container. For new pipe, the amount of leakage at the joints shall not exceed two quarts per hour per 100 gaskets or joints irrespective of pipe diameter. No visible leakage shall be allowed in aboveground piping. (also see Sec. 9-2.3.3 for allowable leakage)

Hydrostatic tests should be made before the joints are covered so that any leaks may be readily detected.

NFPA 24 Sec 9.2.1 Before asking final approval of an installation by the inspector of record, the installing company shall furnish a Contractor's Material and Test Certificate to be submitted to DSA. A typical certificate is shown in Figure A-9-2.1. This form shall be given to the Inspector of Record (IOR) who will turn-in for DSA records.

NFPA 24 Sec. 8-1 The depth of cover over water pipes shall be not less than 2 ½ ft. to prevent mechanical damage and shall be buried a minimum of 3 ft. over driveways.

RECORD ASBUILT

SITE UTILITIES PLAN LEGEND

— — — —	(E) STORM SEWER LINE TO REMAIN
—·—·—·—	(N) STORM SEWER LINE
CB	(E) CATCH BASIN
CB	(N) CATCH BASIN
	(E) SITE LIGHTING
	(E) FIRE HYDRANT
R.D.	(N) ROOF DRAIN - SEE PLUMBING DRAWINGS
D.S.	(N) DOWN SPOUT - SEE PLUMBING DRAWINGS
C.O.	(N) CLEAN OUT - SEE PLUMBING DRAWINGS

REVISIONS: (1 △ REVISED REVISIONS MADE TO THIS SHEET)

NO.:	DATE	REASON	BY

ISSUE FOR PROGRESS REVIEW	1/15/01
ISSUE FOR PLAN CHECK	1/25/01
ISSUE FOR FINAL REVIEW	
ISSUE FOR BID	
ISSUE FOR CONSTRUCTION	

SEAL: LICENSED ARCHITECT BRIAN ALAN CIANFICHI REG. NO. 10-5-01 STATE OF CALIFORNIA

APPROVED BY: WOODSIDE FIRE PROTECTION DISTRICT
NAME: Robert Nahmens
TITLE: BIC Fire Marshal
DATE: 5/7/01
ARCHITECT:
CONSULTANT:

CONSULTANT:

ARCHITECT:
CIANFICHI
ARCHITECTURE • PLANNING
30 ANNE COURT
WALNUT CREEK, CA. 94598
TEL.: (925) 256-8638
FAX.: (925) 256-8652

PROJECT:
CHILD DEVELOPMENT CENTER
CAÑADA COLLEGE
4200 FARM HILL BLVD.
REDWOOD CITY, CA 94061
SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT

STAMP/IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL.01 1035 29
ACW PLS SS MM
DATE 5/7/01 05/23/01
APPL. NUMBER:
KEY PLAN:
AS-BUILTS

SHEET TITLE:
SITE UTILITIES PLAN

DRAWN BY: GL	PROJECT NO.: 304.99
CHECKED BY: BA	DATE: 01-25-2001
APPL NO.:	SHEET: SW1.3
DATA NO.:	NO.: OF:

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