ANTICIPATED TIME SCHEDULE

Authorize Preliminary Plans..................................... July 19, 1974
Preliminary Plan Package for Working Drawings, construction and equipment...................................... October 1, 1974
Request approval to use District funds for Working Drawings per Education Code 20084................................. January 1975
Start Working Drawings............................................ January 1975
Submit reports to environmental agencies........................ February 1975
Complete Working Drawings...................................... March 1975
Approval by environmental agencies................................ April 1975
OAC Plan Check complete......................................... April 25, 1975
Request approval to use District funds for construction per Education Code 20084.................................. April 30, 1975
CCC approval to bid.................................................. May 26, 1975
Advertise for construction bids................................... May 28, 1975
Bids due........................................................................ June 16, 1975
Begin construction..................................................... June 27, 1975
Complete construction............................................... July 1976
Relocate and install existing equipment........................... August 1976
Occupy......................................................................... September 1976
I. PROJECT DESCRIPTION

Statement: This Planning Guide is a request for support of working drawings, construction, and equipment funds for a new structure on the City College campus to house the teaching lab portion of our Marine Technology Program in the 1975-76 fiscal year.

Historical Perspective: Marine Technology is one of the major vocational programs offered by this District and is presently housed in leased Nopal Street Facility. Due to Field Act requirements the facility will not be available after 1975. This program was included in previous ten year construction plans and in an approved project planning guide. The program was declared unacceptable in the preliminary plan package submitted in October 1971. The concern on the previous request for funds was the enclosing of training tanks within the structure. These tanks which are existing, will be located outside the proposed structure at District expense and will not be included in the assignable area of the facility.

Educational Master Plan: The general objectives of this project related to the District Educational Plan are to continue to serve the post secondary needs of students for occupational education. The Marine Technology program is serving an important phase in the occupational market of today and the future. Requests for this program by students and industry have steadily increased and is anticipated to continue, however because of the unique nature of the program the District will provide specialized facilities only as required to properly maintain the program. All support courses will be conducted in the new Vocational Technology building which will be occupied by Fall 1975.

Justification: This project provides facilities on campus for the existing Marine Technology program presently housed at campus in nonconforming leased facilities. These facilities will not be available after June 30 of 1975. Need and description of the Marine Technology program is included in Attachment "A" of this document. The Santa Barbara City College location is especially suited for the program due to the close proximity of the Santa Barbara harbor. Note location on the Master Facilities Development Plan. A considerable amount of the educational program is conducted offshore from vessels and oil platforms. It is essential that much of the training of skills be conducted in a controlled environment prior to exposure to the ocean. The value of the controlled lab condition has been recognized by industry and has resulted in widespread cooperation in the donation of many items of equipment to our program. The general lab provides the necessary area for demonstration of equipment and development of skills. The existing tanks valued at $9,000 will be relocated in an outside area adjacent to the lab at District expense. 852 WSCH was generated by this program in Fall 1972 of which 564 WSCH were lab oriented. The proposed facility is 155 ASF less than the existing leased facility, however by removing the existing diving tanks from the general lab, the capacity will be increased to adequately house the projected growth of 1022 WSCH in 1980.
PROJECT DESCRIPTION (cont'd.)

JUSTIFICATION: (cont'd.)

The operation of this program has been supported by federal, state, private and local funds, and is considered to be of sufficient importance in meeting both local and national educational needs in this technical field to warrant continuing its operation.

Scope: This project will consist of the construction of a new facility on the Santa Barbara campus to replace existing off campus nonconforming leased facilities that will not be available after June 10, 1975. The project will contain approximately 5186 ASF and 7100 OGSF and will house the Marine Technology program. It will include 4184 ASF of teaching lab and service area to house the specialized portion of the program that cannot be accommodated in existing support facilities such as our proposed Vocational Technology Building. Existing Physical and Life Science facilities or directly in the ocean by vessel. The program includes approximately $472,875 worth of specialized equipment much of which has been donated by industry which is stored, maintained, and used for student instruction. All existing movable equipment will be used in this facility with no additional funds required for equipment. The program is complete and operational lacking only a permanent facility to accommodate it. The facility will include 720 ASF in locker area and 282 ASF in offices. The form for calculation of equipment cost is included with this report to indicate the extent of the existing program and is not a request for funds.

Campus Development Plan: This project is included in the Master Facilities Development Plan shown on sheet VI-2. It is included in the designated Occupational/Vocational area of the campus and adjacent to the new Vocational Technology building proposed for occupancy Fall 1975. Support classes in welding and machine will be conducted in the Vocational Technology building. The Marine Technology building will be the first increment of a structural complex (Vocational Campus Services) which when completed will house in addition the total District Maintenance and Operations and warehouse operation. The various functions all require similar type structures, corporation yard, and have heavy vehicle traffic which can be accommodated from Loma Alta Drive without interference with other academic areas of the campus.

Secondary Effects: The provision of the laboratory space for Marine Technology will allow the required abandonment (Field Act) of the off-campus facility on Nopal Street for all institutionally related programs. This includes 4339 ASF of Marine Technology lab, 360 ASF drafting lab, 590 ASF lockers, and 119 ASF academic office.

Projected Growth: The anticipated growth of the District according to the current BD 240 will be an increase of WSCH need of 10,695 from Fall 1972 to occupancy date of this project in the Fall of 1976 and continued growth of an additional 4467 WSCH by Fall of 1980. The Vocational program enrollment relative to the total campus has increased from 5.7% in 1968 to 10.7% in Fall 1972.
PROJECT DESCRIPTION (cont'd.)

Environmental Considerations: The Santa Barbara City College campus is included in a geographical area requiring consideration from both the Environmental Impact and Coastal Commission agencies. The District has filed and received approvals for negative declaration on a project (Humanities Building) now under construction. During the filing process both agencies agreed with the concept to submit our total Facilities Development Plan for environmental consideration. The District intends to submit our total development plan to these agencies by March 1, 1974. It is anticipated that the Marine Technology building as a separate project will be submitted in February 1975.

Education Code Section 20084 will be used to allow the District to complete working drawings and award a construction contract prior to July 1, 1975 when funds are anticipated.
# List of Major Existing Marine Technology Equipment To Be Included in New Facility

<table>
<thead>
<tr>
<th>Item</th>
<th>Estimated Value or Replacement Cost</th>
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<tbody>
<tr>
<td>1. Double lock decompression chamber (complete)</td>
<td>$ 6,000.00</td>
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<tr>
<td>2. ADS IV Diving bell (complete)</td>
<td>28,000.00</td>
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<tr>
<td>3. DOWB (Deep Ocean Work Boat) submersible</td>
<td>400,000.00</td>
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<tr>
<td>4. Air Compressor Quincy Model D 5105 electric drive</td>
<td>2,400.00</td>
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<tr>
<td>5. Air compressor Quincy Model 370 diesel drive</td>
<td>3,200.00</td>
</tr>
<tr>
<td>6. Mixed-gas regulator box</td>
<td>2,400.00</td>
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<tr>
<td>7. Gas transfer pump</td>
<td>2,200.00</td>
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<tr>
<td>8. Four - 6 bottle high-pressure gas storage cradles with manifolds</td>
<td>2,600.00</td>
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<tr>
<td>9. Six diver communication sets</td>
<td>2,000.00</td>
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<tr>
<td>10. One helium unscrambler</td>
<td>1,700.00</td>
</tr>
<tr>
<td>11. Seven diving helmets (various types)</td>
<td>5,800.00</td>
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<tr>
<td>12. Five commercial diving masks (full-face with communications)</td>
<td>2,400.00</td>
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<tr>
<td>13. Boston Whaler outboard skiff (complete with trailer)</td>
<td>3,400.00</td>
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<tr>
<td>14. Two Miller SRM arc welding machines</td>
<td>1,225.00</td>
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<tr>
<td>15. General Motors Model G-71 marine diesel engine on running stand</td>
<td>1,700.00</td>
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<tr>
<td>16. Jet pump with diesel drive</td>
<td>1,000.00</td>
</tr>
<tr>
<td>17. Hydraulic power unit - electric drive</td>
<td>900.00</td>
</tr>
<tr>
<td>18. Hydraulic impact wrench, 1 in. drive with hoses</td>
<td>1,400.00</td>
</tr>
<tr>
<td>19. Air trigger winch Ingersoll Rand Model HU</td>
<td>1,000.00</td>
</tr>
<tr>
<td>20. Pneumatic power tools</td>
<td>1,200.00</td>
</tr>
<tr>
<td>21. Dynamometer, Dillon, Model ANC 1725</td>
<td>350.00</td>
</tr>
<tr>
<td>22. Forklift - Yale 6,000 lb.</td>
<td>2,000.00</td>
</tr>
</tbody>
</table>

Not included in this list are over 2,000 feet of diver-supply umbilical, supply, and high-pressure transfer hoses; miscellaneous used air compressors and engines used for student training; five dry-type diving suits; rigging equipment, equipment storage and transfer containers, tools, and student training aids.
1. The applicant hereby requests state funds in the amount prescribed by law for the project named herein. All parts and exhibits contained in or referred to in this application are submitted with and made part of this application.

2. The applicant hereby assures the Board of Governors of the California Community Colleges that:

   a. Pursuant to the provisions of Section 20052 of the Education Code no part of this application includes a request for funding the planning or construction of dormitories, stadia, the improvement of site for student or staff parking, single-purpose auditoriums or student centers other than cafeterias. The facilities included in the proposed projects will be used for one or more of the purposes authorized in Section 20052 of the Education Code.

   b. Any state funds received pursuant to this application shall be used solely for defraying the development costs of the proposed project.

      If the application is approved, the construction covered by the application shall be undertaken in an economical manner and will not be of elaborate or extravagant design or materials.

   c. Pursuant to the provisions of Sections 15302 and 15409 of the Education Code, approval of the final plans and specifications for construction will be obtained from both the Board of Governors of the California Community Colleges and the Department of General Services, Office of Architecture and Construction before any contract is let for the construction.

   d. No changes in construction plans or specifications made after approval of final plans which would alter the scope of work, function, assignable and/or gross areas, utilities, or safety of the facility will be made without prior approval of the Board of Governors of the California Community Colleges and the Department of General Services, Office of Architecture and Construction.

   e. Pursuant to the provisions of Section 20058 of the Education Code, an adequate and separate accounting and fiscal records and accounts of all funds received from any source to pay the cost of the proposed construction will be maintained, and audit of such records and accounts will be permitted at any reasonable time, during the project, at the completion of the project, or both.
f. Architectural or engineering supervision and inspection will be provided at the construction site to ensure that the work was completed in compliance with the provisions of Section 15451 of the Education Code and that it conforms with the approved plans and specifications.

g. Pursuant to the provisions of Section 8 of the Budget Act, no contract will be awarded prior to the approval of the Public Works Board, unless excepted by the conditions of Section 20084 of the Education Code.

3. It is understood by the applicant that:

a. No claim against any funds awarded on this application shall be approved which is for work or materials not a part of the project presented in this application as it will be finally approved by the Public Works Board.

b. The failure to abide by each of the assurances made herein entitles the Board of Governors of the California Community Colleges to withhold all or some portion of any funds awarded on this application.

c. Any fraudulent statement which materially affects any substantial portion of the project presented in this application, as it may be finally approved, entitles the Board of Governors of the California Community Colleges to terminate this application or payment of any funds awarded on the project presented in this application.

4. It is further understood that:

a. The appropriation which may be made for the project presented in this application does not make an absolute grant of that amount to the applicant.

b. The appropriation is made only to fund the project presented in this application, as it is finally approved, regardless of whether the actual cost is less than or equals the appropriation.

c. A reduction in the scope of the project or assignable areas shall result in a proportionate reduction in the funds available from the appropriation.
IN WITNESS WHEREOF, THE APPLICANT HAS CAUSED THIS APPLICATION TO BE DULY EXECUTED IN ITS NAME ON THE DATE SHOWN BELOW.

Santa Barbara Community College District  
(Legal Name of Applicant District)

721 Cliff Drive, Santa Barbara, California 93109  
(District Office Address)  
(805) 965-0581  
(Telephone number)

Marine Technology Building and Equipment  
(Project Name)

The Governing Board of the District has approved the submission of this application to the Board of Governors of the California Community Colleges and makes the assurances listed in the foregoing.

[Signature]
(President of the Board of Trustees)
Mrs. Kathryn O. Alexander

September 26, 1974  
(Date)

[Signature]
(Secretary of the Board of Trustees)
Dr. Glenn G. Gooder

Attached is a copy of the Board Resolutions substantiating the approval of the application and the making of the assurances by the Governing Board.
RESOLUTION
OF THE GOVERNING BOARD OF THE
SANTA BARBARA COMMUNITY COLLEGE DISTRICT

WHEREAS, the submission of preliminary plan packages are required as part of the Ten Year Construction Plan (1975-76) under the provisions of the Community College Construction Act of 1967;

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of the SANTA BARBARA COMMUNITY COLLEGE DISTRICT has approved submission of the Preliminary Plan Package for the MARINE TECHNOLOGY BUILDING AND EQUIPMENT
dated September 26, 1974

to the Board of Governors of the California Community Colleges in accordance with the Assurances listed therein.

PASSED AND ADOPTED THIS 26th day of September, 1974

by the following vote of the Board of Trustees:

AYES:  Mrs. Alexander, Mrs. Gutshall, Dr. Dobbs, Mr. Garvin,
       Mrs. Powell, Mr. Wells

NOES:  None

ABSENT: Mr. Frank

KATHRYN O. ALEXANDER, President
Board of Trustees
Santa Barbara Community College District