

PWO:408:EGJ:pft
P-827

15 APR 1983

From: Commanding General
To: Commandant of the Marine Corps (Code TDE)

Subj: Department of Defense (DOD) FY-85 Project P-827, Dependent High School, Camp Lejeune, NC; submission of

Ref: (a) CMC ltr TDE-43-bkm 1560 D46 47 of 28 Mar 1983
(b) CG MCB CamLej ltr SCOL:ECS:rh 7300 of 15 Apr 1983
(c) Fonecon btwn Mr. G. Jones (PubWks, MCB, CLNC) and Mr. A. Recachinas (LFF-1, HQMC) of 6 Apr 1983

Encl: (1) Budget Formats for Outyear Funding Requirements
(2) FY-85 Project P-827, High School, consisting of DD Form 1391/1391c of 13 Apr 83 and NAVMC Form 11069 (w/Site Location Map) of 13 Apr 83

1. Reference (a) requested completion and submission of budget formats and project documentation for Section Six Dependent Schools for inclusion in the Defense Agency Accounts Program Objective Memoranda for Fiscal Years 1985-1989. Project Documentation Memorandum for the subject schools was submitted as enclosure (1) to reference (b), an additional copy of which is provided as enclosure (1) hereto. The DD Form 1390 requested by reference (a) will be provided by Code LFF-1, Headquarters Marine Corps, as discussed during reference (c).

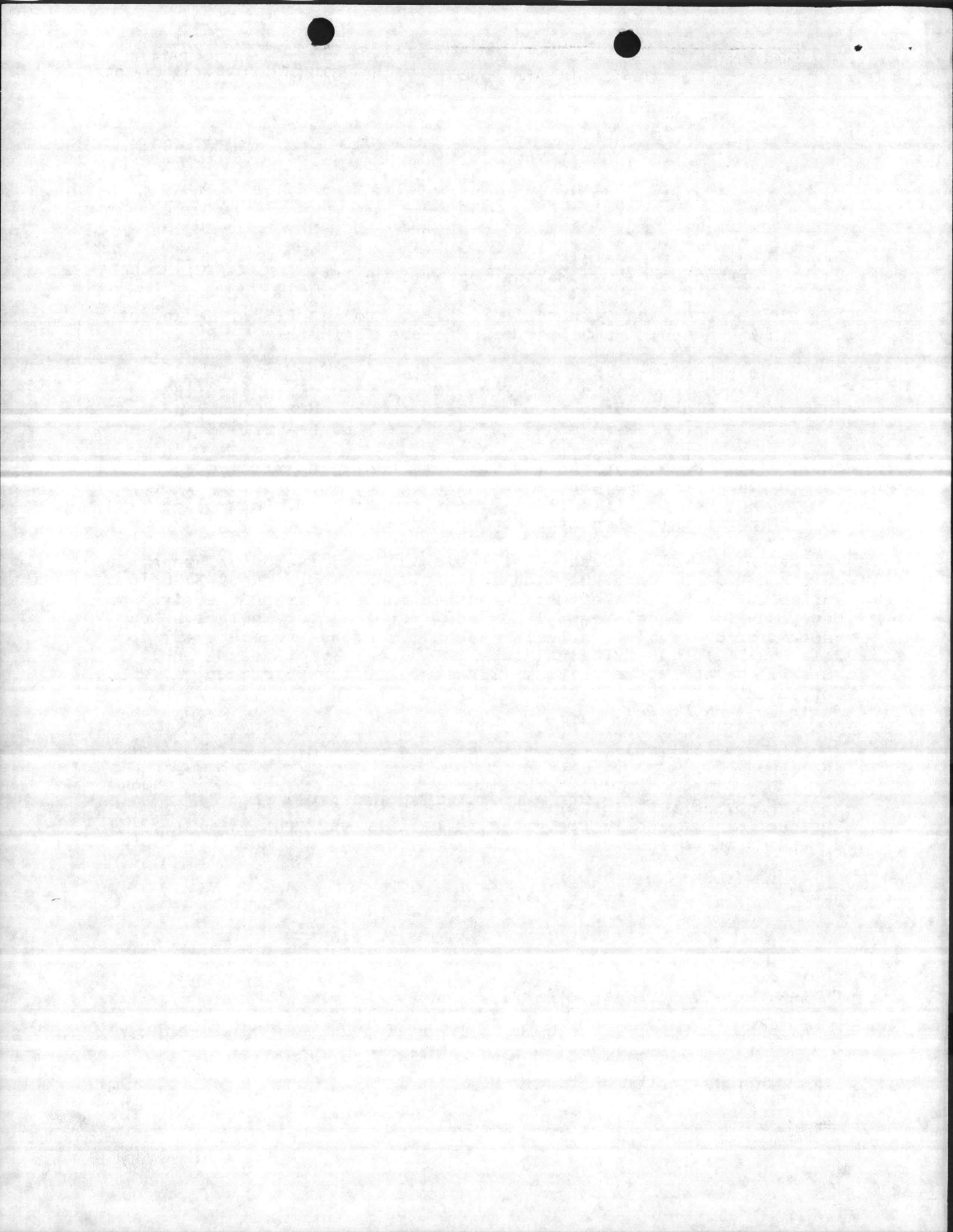
2. DD Form 1391, also requested by reference (a) is attached as enclosure (2).

3. By copy of this letter, the Atlantic Division, Naval Facilities Engineering Command is requested to certify the cost of this project to the Commander, Naval Facilities Engineering Command.

J. T. MARSHALL
By direction

Copy to:
COMLANTNAVFACENGCOM (Code 09A21B3) w/encls

Blind Copy to:
AC/S, Fac
CLDS (Encl (2) only)



1. COMPONENT NAVY		FY 1985 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 13 Apr 83	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542			4. PROJECT TITLE DEPENDENT SCHOOL-HIGH SCHOOL		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730-60	7. PROJECT NUMBER P-827	8. PROJECT COST (\$000) \$10,900		

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
HIGH SCHOOL COMPLEX	SF	140,375	63.50	8,914
Academic/Applied/Gym Building	SF	102,000	55.50	(5,661)
Auditorium (700 SE)	SF	14,050	56.61	(795)
Pool/Indoor (50 meter)	SF	24,325	101.03	(2,458)
SUPPORTING FACILITIES	-	-	-	905
Special Construction Features	LS	-	-	(250)
Tennis Court	EA	4	30,000	(120)
Playing Fields/Track/w/Stadium	LS	-	-	(150)
Electrical Utilities w/substation	LS	-	-	(60)
Mechanical Utilities, Equip. Bldgs., etc.	LS	-	-	(80)
Communications & Fire Alarm	LS	-	-	(20)
Roads, Parking & Sidewalks	LS	-	-	(160)
Site Improvements	LS	-	-	(65)
SUBTOTAL	LS	-	-	9,819
CONTINGENCY - 5%	-	-	-	491
TOTAL CONTRACT COST	LS	-	-	10,310
SUPERVISION, INSPECTION & OVERHEAD - 5.5%	-	-	-	567
TOTAL REQUEST	LS	-	-	10,877
TOTAL REQUEST (ROUNDED)	LS	-	-	10,900

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct High School complex consisting of adjoining buildings or multiple buildings of concrete frame, masonry walls, pile foundations, utility connections and boiler plant. Complex consists of Academic and Applied Instruction, Gymnasium, Auditorium, 50 meter Indoor Pool, Cafeteria, Tennis Courts, Playing Fields, Track, Stadium, Parking, Roads, and Sidewalk. Site improvements require clearing, grubbing, seeding, landscaping and access roads. Provide air-conditioning, telephone and communications and fire alarm systems. Provide sewage lift station with forced main, and electrical substation.

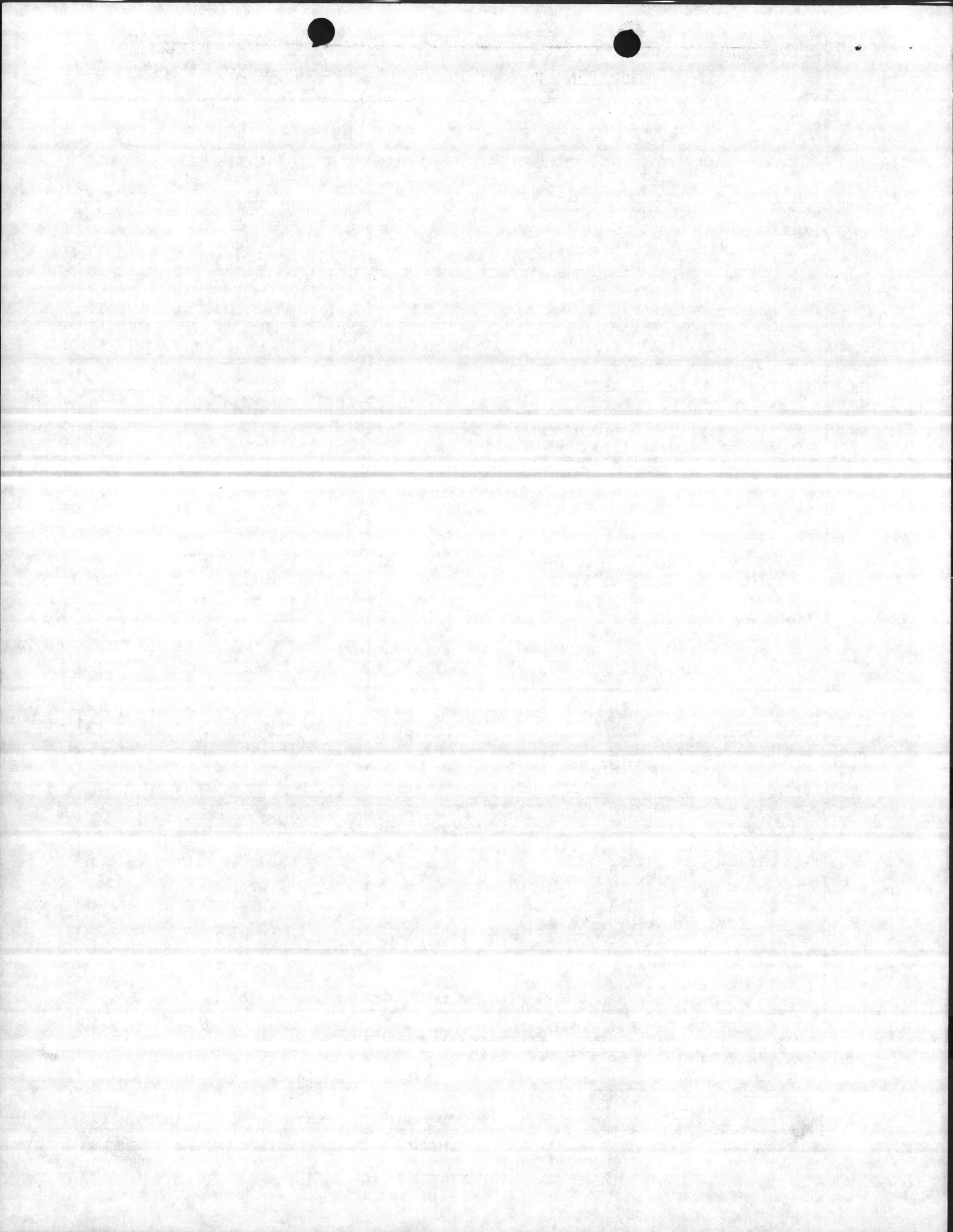
AIR-CONDITIONING: 300 Tons

11. REQUIREMENTS:

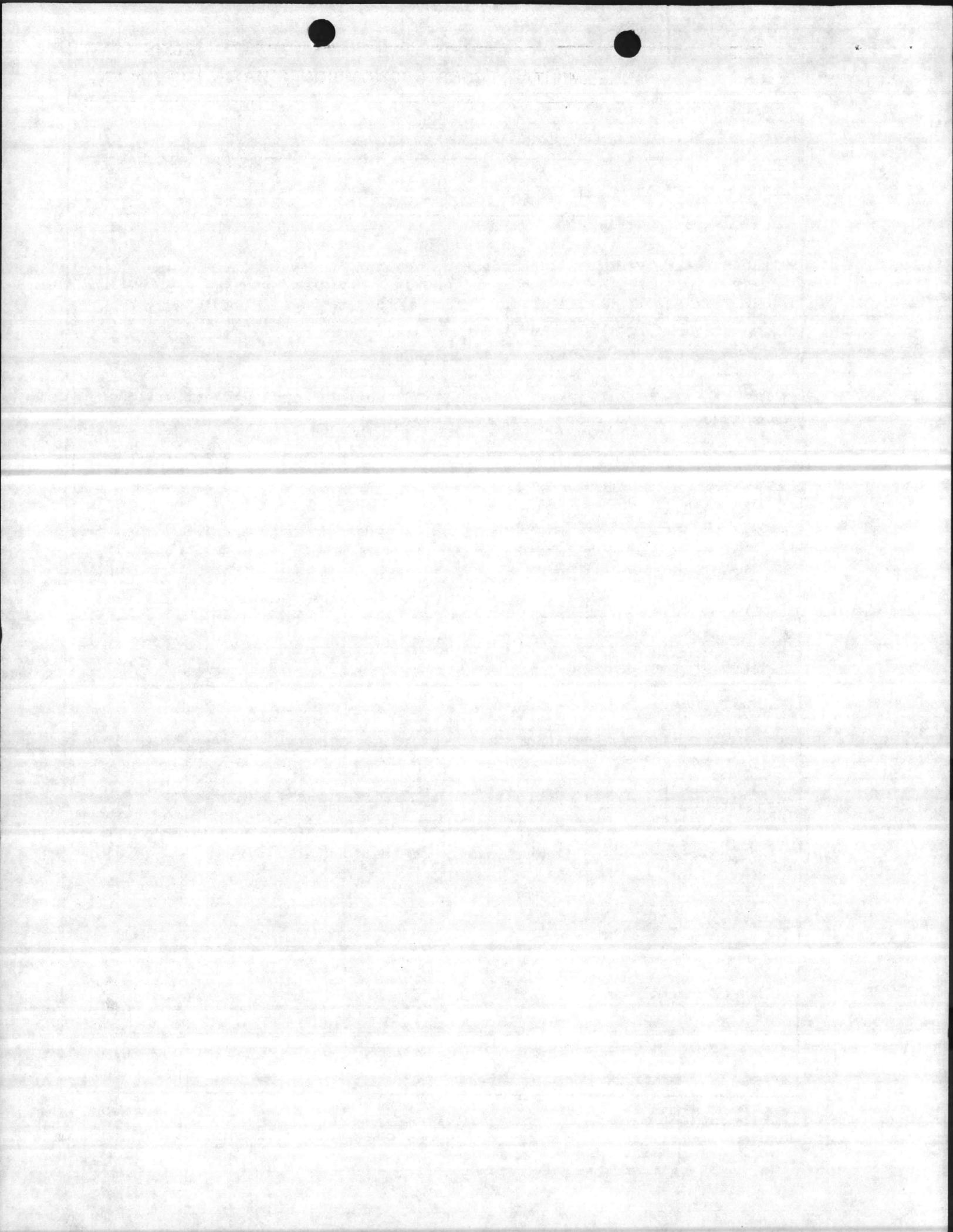
PROJECT: Provides High School facilities, Grades 9 through 12, for 700 students.

REQUIREMENT: High School facilities are necessary for the education of dependent children of military personnel.

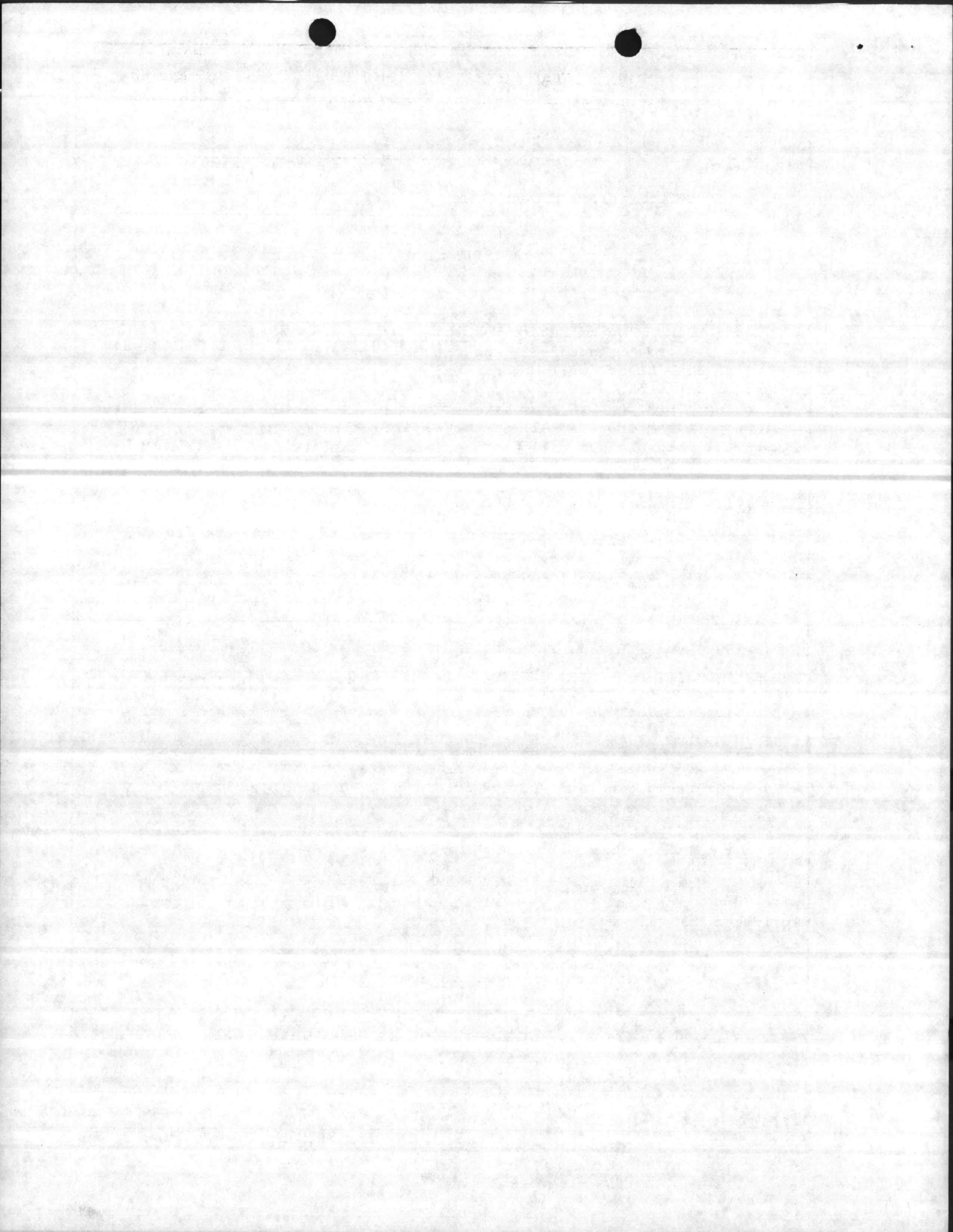
CURRENT SITUATION: Present facilities are overcrowded and do not meet building codes and life, safety, and handicapped codes necessary to comply



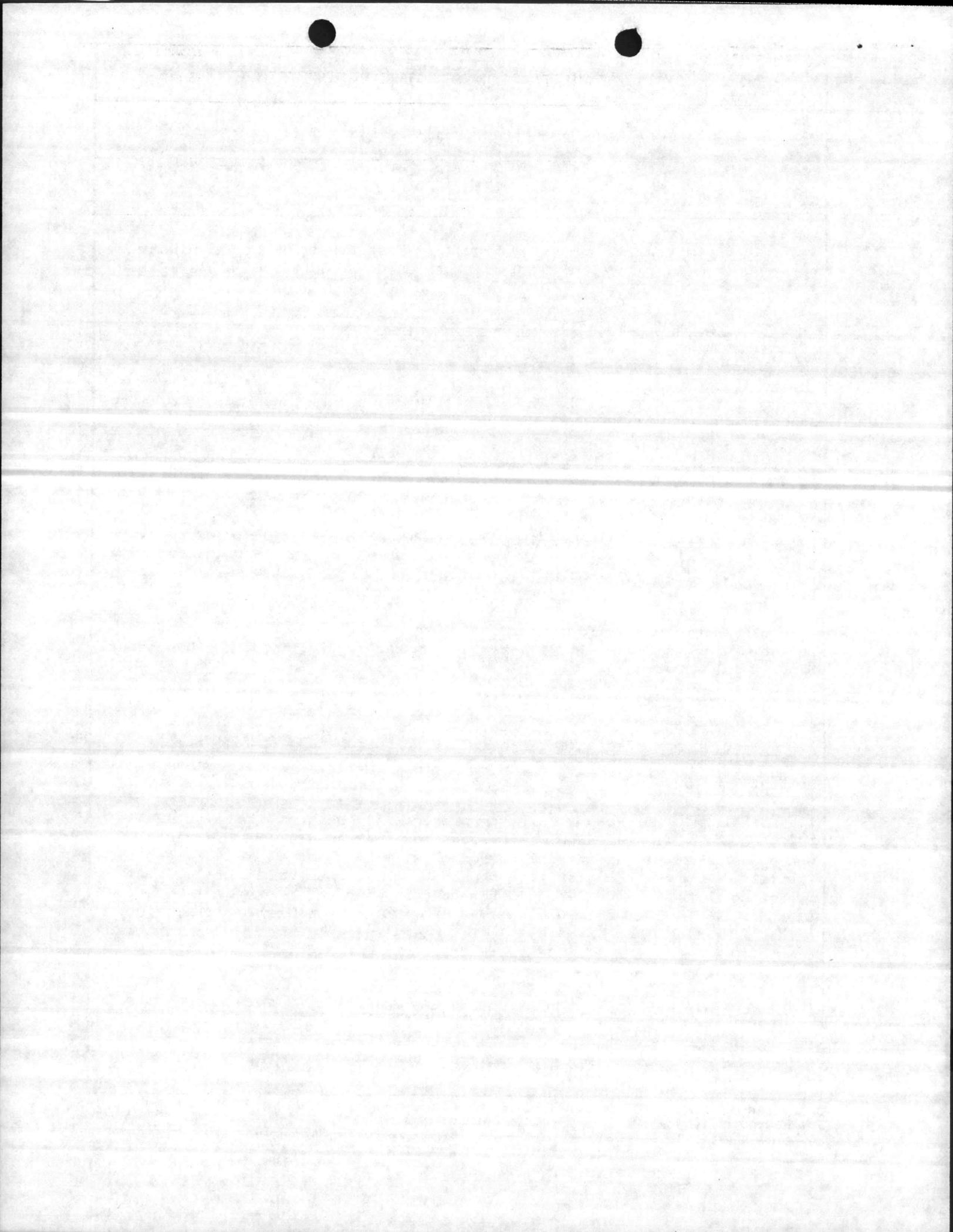
1. COMPONENT NAVY	FY 19 <u>85</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 13 Apr 83
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE DEPENDENT SCHOOL - HIGH SCHOOL	5. PROJECT NUMBER P-827	
<p>11. <u>REQUIREMENTS</u>: (continued)</p> <p>with State and Federal standards for "Quality Schools". <u>IMPACT IF NOT PROVIDED</u>: Continual use of overcrowded substandard facilities will result in escalation of discipline problems, promote health hazards and the erosion of quality education will accelerate.</p> <p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> <p>1. <u>Pollution Prevention, Abatement, and Control</u>: This project will not cause additional air or water pollution.</p> <p>2. <u>Flood Hazard Evaluation</u>: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.</p> <p>3. <u>Environmental Impact</u>: The project Environmental Impact Assessment will be made, reviewed, and where required, the design concepts will give consideration to eliminating adverse environmental effects consistent with applicable directives.</p> <p>4. <u>Fallout Shelter Construction</u>: Fallout shelter protection is incorporated in the facility.</p> <p>5. <u>Design for Accessibility of Physically Handicapped Personnel</u>: Provisions for physically handicapped personnel will be incorporated in this facility.</p> <p>6. <u>Use of Air Conditioning</u>: Ceiling "U" factors will be made to conform with DOD 4270.1-M.</p> <p>7. <u>Preservation of Historical Sites and Structures</u>: The project facility does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possesses a significant quality of American history.</p> <p>EGJ</p>		



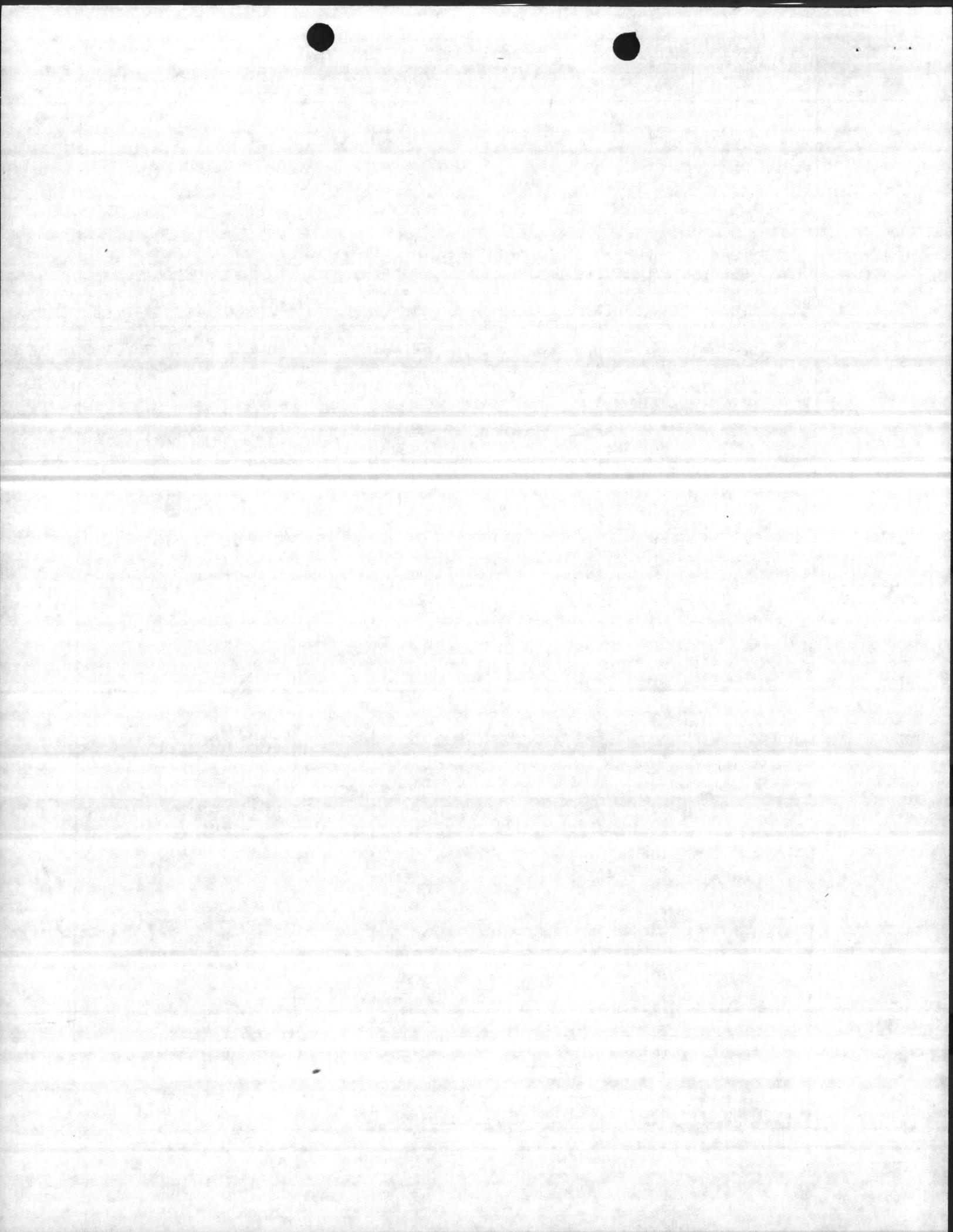
1. COMPONENT NAVY	FY 19 <u>85</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 13 Apr 83
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542		
4. PROJECT TITLE DEPENDENT SCHOOL - HIGH SCHOOL	5. PROJECT NUMBER P-827	
<p><u>FACILITY STUDY</u></p> <p>1. <u>Project</u>: Provide 140,375 SF Dependent's High School Facility.</p> <p>2. <u>Current and Planned Future Workload with Regard to this Project</u>: The duration of need is indefinite and the facility will be utilized 100% of the time. The School will be operated an average of nine hours per day five days per week. Additionally, these facilities will support various continuing education programs given during night sessions. This facility will support the educational instruction of ninth through twelfth grade students. This project will provide adequate facilities for any foreseeable future increase in student population.</p> <p>3. <u>Description of Proposed Construction.</u></p> <p style="padding-left: 40px;">a. <u>Type of Construction</u></p> <p style="padding-left: 80px;">(1) Permanent one-story High School Facility on pilings with reinforced concrete foundation, floors, masonry walls, built-up roof, insulation, interior utilities and air conditioning.</p> <p style="padding-left: 80px;">(2) Rigid and flexible pavements for walks, playing courts, and parking areas, area lighting, site improvements, electrical substation with primary and secondary feeders, sewage lift station with force main, water distribution connections, telephone and fire alarm connections.</p> <p style="padding-left: 40px;">b. <u>Replacement</u>. Brewster Junior High School, Building #40 will be converted to Central Office Administrative use. Tarawa Terrace II, Bldg. #TT48, (Grades 4,5,6) and Midway Park School, Building #4003 will be turned over to the base.</p> <p style="padding-left: 40px;">c. <u>Description of Work to be Done.</u></p> <p style="padding-left: 80px;">(1) <u>Primary Facility</u>: Reinforced concrete/masonry facility on pile foundation with such special features as an indoor swimming pool, sprinkler and fire alarm system.</p> <p style="padding-left: 120px;">(a) <u>Support Facilities</u>: Electrical substation, hot water boiler, sewage lift station and extension of all utilities</p> <p style="padding-left: 80px;">(2) <u>Energy Conservation</u>. Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.</p> <p style="padding-left: 80px;">(3) <u>Collateral Equipment</u>: To be submitted under separate cover.</p>		



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4. PROJECT TITLE DEPENDENT SCHOOL - HIGH SCHOOL	5. PROJECT NUMBER P-827	
<p>4. <u>Cost Estimate.</u> Cost Data derived from Historical Construction Data obtained from LANTNAVFACENCOM Design personnel. Costs are escalated to FY-85.</p> <p>5. <u>Justification for Project and for Scope of Project.</u></p> <p>a. <u>Justification for Project.</u></p> <p>(1) <u>Project:</u> Proposed facility is required to provide "Quality Schools" in accordance with State and Federal standards.</p> <p>(2) <u>Current Situation.</u> Present facilities are overcrowded and do not meet building codes and Life, Safety, and Handicapped codes necessary to comply with State and Federal Standards for "Quality Schools".</p> <p>(3) <u>Impact if Not Provided.</u> Continual use of overcrowded sub-standard facilities will result in escalation of discipline problems; promote health hazards, and the erosion of quality education will accelerate.</p> <p>b. <u>Justification for Scope of Project.</u> The project scope 140,375 SF is the minimum size facility that can meet the requirements of a Dependent High School, grades 9-12.</p> <p>6. <u>Equipment Provided from Other Appropriations.</u> Not applicable.</p> <p>7. <u>Common Support Facilities.</u> There are no common support facilities available. The local County School System cannot absorb any increased student loading.</p> <p>8. <u>Effect on Other Resources.</u> The project will require approximately \$110,000 per year increased O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.</p> <p style="text-align: center;"><u>UTILITY REQUIREMENTS</u></p> <p>a. Electricity Consumption: 1,570,564 KWH/Yr</p> <p>b. Gas Consumption: 9,606 Therms</p>		



1. COMPONENT NAVY	FY 19 85 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 13 Apr 83						
3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAMP LEJEUNE, NC 28542								
4. PROJECT TITLE DEPENDENT SCHOOL - HIGH SCHOOL		5. PROJECT NUMBER P-827						
<p>9. <u>Siting of the Project.</u> This facility will be located in the Berkeley Manor Housing area. See enclosure (1).</p> <p>10. <u>Other Graphic Presentations, including Photographs.</u> Not applicable.</p> <p>11. <u>Economic Analysis.</u> This facility is being constructed on an undeveloped site. Economic savings will be in nominal energy consumption savings to be realized from energy conservation.</p> <p>12. <u>Environmental Impact Assessment.</u> An Environmental Impact Assessment (EIA) will be written and processed through the local EIA Review Board. No significant adverse environmental impact is anticipated.</p> <p>13. <u>Quantitative Data.</u></p> <table border="1" data-bbox="324 882 1250 997"> <thead> <tr> <th><u>Project</u></th> <th><u>SF</u></th> <th><u>No. Students</u></th> </tr> </thead> <tbody> <tr> <td>P-827 High School</td> <td>140,375</td> <td>700</td> </tr> </tbody> </table> <p style="text-align: center;">SUPERINTENDENT OF SCHOOLS SATISFACTORY TO AS CORRECTED</p>			<u>Project</u>	<u>SF</u>	<u>No. Students</u>	P-827 High School	140,375	700
<u>Project</u>	<u>SF</u>	<u>No. Students</u>						
P-827 High School	140,375	700						



1) COMMANDANT OF THE MARINE CORPS (CODE LFF-1)

(470)

SECTION A
FOR USE BY REQUESTER

FROM
 COMMANDING GENERAL, MARINE CORPS BASE, CAMP LEJEUNE, NC 28542

CATEGORY CODE AND PROJECT TITLE 730-60, DEPENDENT SCHOOL - HIGH SCHOOL	TYPE OF FUNDING MCON	COST (\$000) \$10,900	PROGRAM YEAR FY-85
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PROJECT DESCRIPTION: Construct a high school complex (academic/applied instruction, gym, auditorium, 50 ME indoor pool, cafeteria, tennis courts, playing fields, track, stadium, parking, roads, and sidewalks.)

REMARKS: Present facilities are overcrowded and do not meet building codes & life, safety, and handicapped codes necessary to comply with State/Federal stds. for "Quality Schools."

TYPE OF MAF Site Location (encl 1)	DATE -	REQUESTED BY (Typed name and signature) J. T. MARSHALL, COL, USMC By direction	DATE 13 Apr 83
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ANALYSIS

(Place a check (✓) in box opposite each item Y = Yes; N = No; NA = Not Applicable)

Y	N	NA	PROJECT SITING CONSIDERATION	Y	N	NA	PROJECT SITING CONSIDERATION
			a COMPATIBLE WITH ACTIVITY PLANNED DEVELOPMENT GOALS				d COMPLIES WITH THE FOLLOWING CRITERIA
			b DEMONSTRATES SOUND PLANNING PRINCIPLES				(1) AMMUNITION AND EXPLOSIVES
			c MEETS MINIMUM PLANNING AND SITING CRITERIA				(2) ELECTROMAGNETIC RADIATION
							(3) AIRFIELD SAFETY
							(4) NOISE INTENSITY
							(5) FIRE PROTECTION

COMPATIBLE WITH ACTIVITY MASTER PLAN (Check appropriate box)

- | | | |
|---|---|--|
| <input type="checkbox"/> IDENTICAL | <input type="checkbox"/> NOT SHOWN BUT CONSISTENT | <input type="checkbox"/> *NOT SHOWN AND INCONSISTENT |
| <input type="checkbox"/> DIFFERENT BUT CONSISTENT | | <input type="checkbox"/> *DIFFERENT AND INCONSISTENT |

CRITERIA CERTIFICATION(S) REQUESTED (Check)

- DDESB CNO NAVSEA NAVELEX NAVAIR OTHER

DATE

DATE CERTIFICATION(S) RECEIVED

- _____ DDESB _____ CNO _____ NAVSEA _____ NAVELEX _____ NAVAIR _____ OTHER

ACTION

APPROVED DISAPPROVED DEFERRED

REMARKS

APPROVING OFFICIAL (Typed name and signature)	DATE
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SECTION B
HOMC REVIEW AND ANALYSIS

*Requires approval of a major change to the master plan prior to site approval.

