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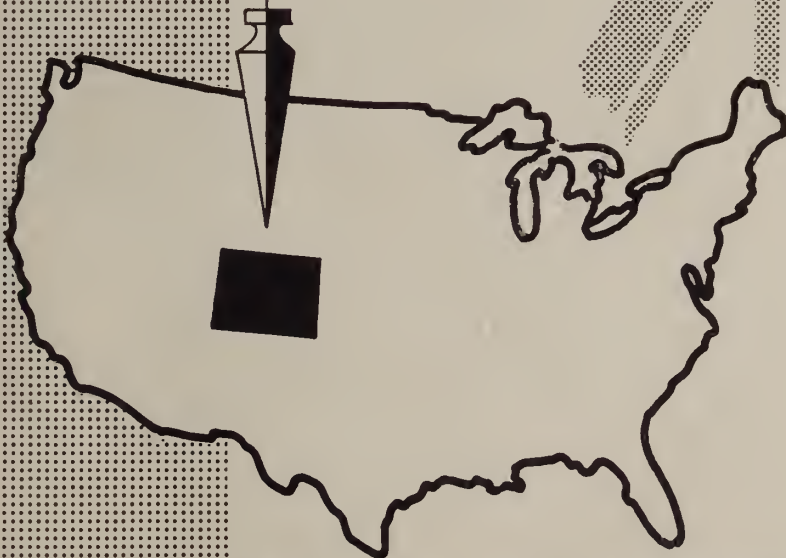
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JANUARY 1961

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# BUDGET REPORT

STATE OF COLORADO



FISCAL YEAR

JULY 1, 1961

JUNE 30, 1962

# CAPITAL CONSTRUCTION SUPPLEMENT



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**State of Colorado**  
EXECUTIVE CHAMBERS  
DENVER

NICHOLS  
RNOR

January 9, 1961

To the Members of the Forty-third General Assembly  
First Regular Session

Transmitted herewith is the Capital Construction Supplement to the Budget Report for 1961-1962.

Included are requests from agencies, departments and institutions for capital improvements with a total estimated cost of \$43,933,136.

As outlined in my budget message of January 6, 1961, appropriations of \$19,308,483 from the Capital Construction Fund are recommended for the more urgent of these capital construction projects. Also recommended are projects with an estimated cost of \$8,638,572 from cash and building levy funds.

A summary of projects requested, and a description of each are contained in this report.

Your earnest consideration of these projects cannot be over-emphasized because of the importance to the programs of each of the agencies and institutions concerned.

Sincerely,





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NOTE:  
 A number of other projects were requested, but project descriptive material was not made available for consideration.

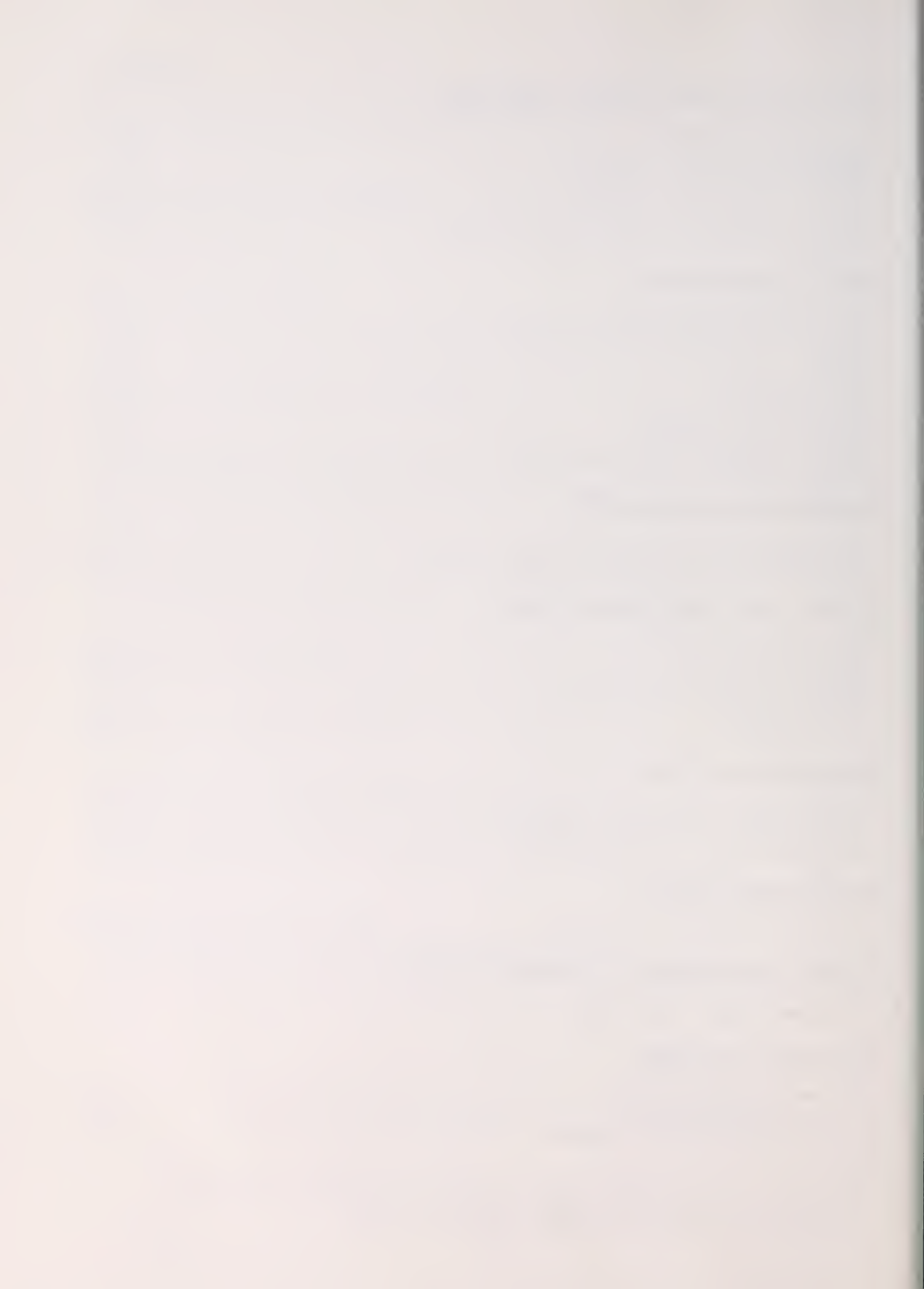


TABLE CC 1

CAPITAL CONSTRUCTION PROJECTS RECOMMENDED FOR APPROPRIATION  
AT 1961 SESSION OF GENERAL ASSEMBLY

Description of Projects By Agency or Institution	Capital Construction Schedule-No.	Pre- Preliminary Project-No.	Total Estimated Cost	Capital Construction	Recommended to 1961 Session		Deferred Until Later
					Cash Funds	Federal Or Other	
<u>Capitol Buildings Section</u>							
Separate Steam Lines for Ventlgt. Units	1-1	94-60	\$ 20,000	\$ 20,000	\$ 0	\$ 0	0
State Power Plant Improvement	1-2	95-60	25,000	25,000	0	0	0
Replacement Radiators - Capitol Annex	1-3	96-60	24,000	24,000	0	0	0
Repair and Replacement Roofs - Museum Office Bldg.	1-4	100-60	15,000	15,000	0	0	0
Preparation of Plans - Museum Bldg.	1-5	105-60	2,625,568	60,000	0	0	2,565,568
Acquisition Land Near Capitol Bldgs.	1-6	110-60	400,000	188,000	112,000	0	100,000
Remodeling Basement Capitol Annex	1-7	111-60	23,700	23,700	0	0	0
Air Cond. Rooms IBM Equip. Capitol Annex	1-8	112-60	18,000	18,000	0	0	0
Sub Totals			\$ 3,151,268	\$ 373,700	\$ 112,000a/	\$ 0	\$ 2,665,568
<u>Colorado National Guard</u>							
Two-Unit Armory - Pueblo	2-1	04-60	180,000	45,000	0	135,000	0
<u>Colorado State Patrol</u>							
Extension of Microwave System	3-1	130-60	219,751	0	219,751	0	0
<u>State Department of Revenue</u>							
Motor Vehicle Land Acquisition	4-1	140-60	100,000	0	100,000	0	0
<u>State Game and Fish Department</u>							
Ted Off Reservoir	5-1	82-60	20,000	0	20,000	0	0
Ramah Dam Reservoir	5-2	83-60	65,000	0	65,000	0	0
Lake John Addition	5-3	84-60	70,000	0	70,000	0	0
Dawson Creek Reservoir	5-4	85-60	25,000	0	25,000	0	0
Beaver Lake	5-5	86-60	5,230	0	5,230	0	0
California Park Reservoir #2	5-6	87-60	100,000	0	100,000	0	0
Fish Creek Reservoir	5-7	88-60	85,640	0	85,640	0	0
Purchase Cory Trout Farm	5-8	114-60	45,000	0	45,000	0	0
Twin Lakes Land Purchase	5-9	115-60	25,000	0	25,000	0	0

TABLE CC 1

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AT 1961 SESSION OF GENERAL ASSEMBLY

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					Cash Funds	Federal Or Other	
<u>State Game and Fish Department (Cont'd.)</u>							
Porter Creek Reservoir	5-10	116-60	\$ 25,000	\$	0	\$ 25,000	\$
Yeomen Park Reservoir	5-11	117-60	48,300	0	0	48,300	0
Snowdon Creek Lake	5-12	118-60	25,000	0	0	25,000	0
Las Animas Rearing Station Repairs	5-13	119-60	18,500	0	0	18,500	0
Walden Lake Enlargement	5-14	120-60	20,000	0	0	20,000	0
Chalk Cliffs Diversion Structure and Pipe Line	5-15	121-60	20,000	0	0	20,000	0
Calamity Draw Reservoir	5-16	122-60	47,000	0	0	47,000	0
Upper Stillwater Reservoir	5-17	123-60	30,000	0	0	30,000	0
Upper Piedra	5-18	124-60	94,700	0	0	94,700	0
Taylor Park Reservoir	5-19	125-60	130,000	0	0	130,000	0
Rifle Hatchery and Rearing Station	5-20	138-60	10,000	0	0	10,000	0
Two Buttes Reservoir	5-21	139-60	6,000	0	0	6,000	0
Beaver Lake & Crystal River Easement	5-22	141-60	23,400	0	0	23,400	0
Spring Creek Reservoir Dam	5-23	143-60	30,000	0	0	30,000	0
Miscellaneous - Small Projects	5-24	--	159,133	0	0	159,133	0
Sub Totals			\$ 1,127,903			\$ 1,127,903	
<u>State Park and Recreation Board</u>							
Cherry Creek Recreation Area	6-1	74-60	69,000	40,000	0	29,000	0
Vega Reservoir Recreation Area	6-2	75-60	9,000	0	0	9,000	0
State Wayside Development	6-3	76-60	22,500	0	0	22,500	0
Sweitzer Lake Recreation Area	6-4	77-60	45,000	0	0	45,000	0
State Park in Gilpin County	6-5	78-60	4,500	0	0	4,500	0
Eleven Mile Reservoir Recreation Area	6-6	79-60	7,500	0	0	7,500	0
Antero Reservoir Recreation Area	6-7	80-60	7,500	0	0	7,500	0
State Park Land Acquisition	6-8	81-60	100,000	100,000	0	0	0
Sub Totals			\$ 265,000	\$ 140,000		\$ 125,000 <sup>b/</sup>	
State Fair - Pueblo	7-1	98-60	39,941	0	0	31,750 <sup>a/</sup>	8,191
Roofing Repairs - Repaving Streets							



TABLE CC 1

CAPITAL CONSTRUCTION PROJECTS RECOMMENDED FOR APPROPRIATION  
AT 1961 SESSION OF GENERAL ASSEMBLY

Description of Projects By Agency or Institution	Capital Construction Schedule-No.	Pre- Preliminary Project-No.	Total Estimated Cost	Capital Construction	Recommended to 1961 Session		Deferred Until Later
					Cash Funds	Federal Or Other	
<u>State Industrial School For Boys</u>							
Central Heating System	8-1	26-60	\$ 187,143	\$ 187,000	\$ 0	\$ 0	143
Replacement Kitchen Roof - Central Dining Hall	8-2	108-60	15,000	15,000	0	0	0
Remodel Vocational Shops Bldg.	8-3	25-60	45,000	40,000	0	0	5,000
Relocation & Paving Road System	8-4	29-60	10,500	10,500	0	0	0
Sub Totals			\$ 257,643	\$ 252,500	\$ 0	\$ 0	5,143
<u>State Training School For Girls</u>							
Furniture & Fixtures - Ramona Cottage	9-1	56-60	14,500	13,000	0	0	1,500
Gymnasium And Class Room Additions	9-2	57-60	227,465	200,000	0	0	27,465
Engineering Study of Sewage Disposal	9-3	128-60	1,500	1,500	0	0	0
Add. Blacktopping Roads & Parking Lots	9-4	58-60	20,000	8,000	0	0	12,000
Miscellaneous Small Projects			8,241	3,241	0	0	5,000
Sub Totals			\$ 271,706	\$ 225,741	\$ 0	\$ 0	45,965
<u>Colorado State Children's Home</u>							
Sidewalks And Curbing	10-1	102-60	32,405	32,400	0	0	5
Remodel & Expansion Heating Plant	10-2	107-60	151,125	150,000	0	0	1,125
Sub Totals			\$ 183,530	\$ 182,400	\$ 0	\$ 0	1,130
<u>State Home &amp; Training School-Grand Junction</u>							
Additional Storage Maintenance Bldg.	11-1	46-60	31,588	31,500	0	0	88
Playground Development	11-2	42-60	30,000	6,000	0	0	24,000
Laundry Bldg. & Sewing Room	11-3	43-60	164,300	154,000	0	0	10,300
Two Orientation Cottages	11-4	44-60	287,312	247,000	0	0	40,312
Addition to Two Duplexes	11-5	45-60	13,780	13,780	0	0	0
Remodel School Bldg.-Rehabilitation Program	11-6	145-60	25,280	10,112	0	15,168	0
Sub Totals			\$ 552,260	\$ 462,392	\$ 0	\$ 15,168	74,700
<u>State Home &amp; Training School-Wheat Ridge</u>							
Preparation Plans-Remodel Edith Raftery Hall	12-1	47-60	237,000	12,500	0	0	224,500

TABLE CC 1

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Description of Projects By Agency or Institution	Capital Construction Schedule-No.	Pre- Preliminary Project-No.	Total Estimated Cost	Capital Construction	Recommended to 1961 Session		Deferred Until Later
					Cash Funds	Federal Or Other	
<u>State Home &amp; Trng. Scl-WheatRidge(Cont.)</u>							
Heating Plant & Utilities	12-2	104-60	\$ 191,275	\$ 191,275	\$ 0	\$ 0	\$ 0
Land Acquisition - Reappropriation	12-3	51 - 55-60	(177,650)c/	0	0	(177,650)c/	0
Pre-Vocational Bldg. & Equipment	12-4	144-60	37,500	14,700	0	22,800	0
Sub Totals			\$ 465,775	\$ 218,475	\$ 0	\$ 22,800	\$ 224,500
<u>Colorado State Penitentiary</u>							
Remodel Old Hospital, Raze Cell House 5	13-1	71-60	35,000	35,000	0	0	0
Medium Security Project 470 - Phase A	13-2	72-60	210,776	60,462	150,300a/	0	14
Electrical & Sound System - Phase 1	13-3	73-60	105,038	105,038	0	0	0
Vocational Equipment	13-4	70-60	82,500	82,500	0	0	0
Sub Totals			\$ 433,314	\$ 283,000	\$ 150,300	\$ 0	\$ 14
<u>Colorado State Reformatory</u>							
Adjustment & Receiving Bldg.	14-1	64-60	731,500	731,500	0	0	0
Preparation Plans Single Room Dormitory	14-2	67-60	714,495	27,000	0	0	687,495
Misc. Capital Improvements	14-3	62-60	169,991	165,000	0	0	4,991
Remodel Existing Administration Bldg.	14-4	59-60	106,743	100,000	0	0	6,743
Boiler House Additions	14-5	68-60	71,100	71,100	0	0	0
Relocation of Farm	14-6	66-60	466,520	150,000	0	0	316,520
Sub Totals			\$ 2,260,349	\$ 1,244,600	\$ 0	\$ 0	\$ 1,015,749
<u>Fort Logan Mental Health Center</u>							
Repairs and Reroofing	15-1	02-60	25,000	25,000	0	0	0
Water Rights	15-2	89-60	40,000	40,000	0	0	0
Development of Irrigation System	15-3	17-60	130,434	130,000	0	0	434
Heating Plant	15-4	127-60	490,500	490,500	0	0	0
Med-Surgical Unit & Diagnostic Facilities	15-5	90-60	2,169,260	2,100,000	0	0	69,260
Add & Equip Two Floors-Wing of Center Complex	15-6	109-60	283,738	248,730	0	0	35,008
Construction & Equip. of 2 Cottages - Remodeling one existing Barrack	15-7		(550,000)d/	(550,000)d/	0	0	0
Sub Totals			\$ 3,138,932	\$ 3,034,230	\$ 0	\$ 0	\$ 104,702

TABLE CC 1

CAPITAL CONSTRUCTION PROJECTS RECOMMENDED FOR APPROPRIATION  
AT 1961 SESSION OF GENERAL ASSEMBLY

Description of Projects By Agency or Institution	Capital Construction Schedule-No.	Pre- Preliminary Project-No.	Total Estimated Cost	Capital Construction	Recommended to 1961 Session		Deferred Until Later
					Cash Funds	Federal Or Other	
Colorado School for the Deaf & Blind							
Misc. Repairs Existing Bldgs.	16-1	34-60	\$ 55,767	\$ 50,000	\$ 0	\$ 0	\$ 5,767
Fire Alarm System	16-2	35-60	106,700	100,000	0	0	6,700
Rewiring & Relighting West Hall	16-3	36-60	22,000	20,000	0	0	2,000
Sub Totals			\$ 184,467	\$ 170,000	\$ 0	\$ 0	\$ 14,467
State Historical Society							
Reconst. Co. Qtrs. Ft. Garland	17-1	103-60	50,000	50,000	0	0	0
Colorado State University							
Preparation of Plans Library Bldg.	18-1	21-60	2,530,000	60,000	0	0	2,470,000
Office Classroom Bldg.	18-2	23-60	1,080,000	800,000	150,000a/	0	130,000
Humanities Bldg.	18-3	22-60	720,000	670,000	0	0	50,000
Sub Totals			\$ 4,330,000	\$ 1,530,000	\$ 150,000	\$ 0	\$ 2,650,000
Colorado State University Experiment Station							
Agr. Engr. Research Shops & Offices	19-1	19-60	50,000	3,000	47,000a/	0	0
Central Feed Storage	19-2	20-60	125,000	0	125,000a/	0	0
Residence Proposed Rogers Mesa Sub-Station	19-3	132-A-60	16,000	16,000	0	0	0
MCA & Equip. Storage "	19-4	132-B-60	6,500	6,500	0	0	0
Truck - Rogers Mesa Sub-Station	19-5	132-C-60	2,000	0	0	0	2,000
Land Purchase	19-6	132-D-60	24,000	24,000	0	0	0
Office Lab Bldg. Mesa Sub-Station	19-7	133-A-60	43,945	43,945	0	0	0
Vet Diagnostic Lab "	19-8	133-B-60	47,340	0	0	0	47,340
Mch. & Equip. Storage "	19-9	133-C-60	6,500	0	0	0	6,500
Greenhouse Entom. Studies Mesa Sub-Sta.	19-10	133-D-60	4,800	0	0	0	4,800
Land Purchase	19-11	133-E-60	40,000	40,000	0	0	0
Equipment	19-12	133-F-60	160,085	0	0	0	160,085
Equipment-Central Great Plains Sta.Akron	19-13	136-A-60	5,400	5,000	0	0	400
Temp & Humidity Chambers, Austin Sta.	19-14	134-A-60	4,000	4,000	0	0	0
Remodel Basement, Austin Sta.	19-15	134-B-60	2,000	2,000	0	0	0
Equipment, Austin Station	19-16	134-C-60	7,800	6,000	0	0	1,800
Repair Items, Hesperus Campus	19-17	137-60	47,250	45,000	0	0	2,250
Sub Totals			\$ 592,620	\$ 195,445	\$ 172,000	\$ 0	\$ 225,175

TABLE CC 1

CAPITAL CONSTRUCTION PROJECTS RECOMMENDED FOR APPROPRIATION  
AT 1961 SESSION OF GENERAL ASSEMBLY

Description of Projects By Agency or Institution	Capital Construction Schedule-No.	Pre- Preliminary Project-No.	Total Estimated Cost	Capital Construction	Recommended to 1961 Session		Deferred Until Later
					Cash Funds	Federal Or Other	
Colorado State College Remodel Old Boiler House	20-1	142-60	\$ 70,000	\$ 20,000	\$ 50,000a/	\$ 0	\$ 0
Ft. Lewis A & M College Prep. of Plans - Science Bldg.	21-1	126-60	24,000	0	18,000a/	0	6,000
Water Distribution System	21-2	06-60	10,400	0	10,400a/	0	0
Campus Exterior Lighting	21-3	08-60	16,500	0	16,500a/	0	0
Chain Link Fencing	21-4	11-60	10,000	2,500	0	0	7,500
Water Softener Installation	21-5	12-60	8,000	0	8,000a/	0	0
Landscaping	21-6	13-60	15,000	5,000	0	0	10,000
Remodel Electrical Power Delivery Site	21-7	14-60	1,500	1,500	0	0	0
Running Track Construction	21-8	32-60	12,250	2,000	0	0	10,250
Curb, Gutter & Sidewalk Construction	21-9	07-60	23,450	0	21,000a/	0	2,450
Road and Street Improvement	21-10	05-60	45,265	3,565	14,000a/	0	27,700
Land Purchase	21-11	16-60	43,200	435	0	0	42,765
Sub Totals			\$ 209,565	\$ 15,000	\$ 87,900	\$ 0	\$ 106,665
University of Colorado - Boulder Land Purchase Program	22-1	99-60	1,500,000	0	190,000a/	100,000e/	1,210,000
Deferred Maintenance	22-2		100,000	0	100,000	0	0
Sub Totals			\$ 1,600,000	\$ 0	\$ 290,000	\$ 100,000	\$ 1,210,000
University of Colorado - Medical Center Hospital Out Patient Dept. & Clinical Wing	23-1	33-60	16,805,000	10,434,000	4,211,000a/	1,200,000	960,000
Western State College Taylor Hall Renovation & Site Development	24-1	131-60	470,120	432,000	38,000a/	0	120
Atmospheric Research Center - Boulder*			300,000	0	300,000*	0	0
GRAND TOTAL			\$ 37,259,144	\$ 19,308,483	\$ 7,165,604	\$ 1,472,968	\$ 9,312,089

a/ From Building Mill Levy Fund  
b/ From Internal Improvement Fund  
c/ Request reappropriation of \$177,650 out of the \$500,000 originally appropriated for site development and utility extension (Account #6006-61)  
d/ Request reappropriation of \$550,000 out of the \$600,000 originally appropriated for barracks renovation (Account #6009-53); \$75,000 of this to be spent to renovate one barrack and \$475,000 to be used to construct one or more treatment cottages.  
\* NOTE: In his message to the General Assembly on January 6, 1961, Governor Steve McNichols requested \$300,000 for land acquisition for the new national Atmospheric Research Center to be located in Boulder, Colorado, to be funded as determined by the General Assembly.

TABLE CC 2

CAPITAL CONSTRUCTION PROJECTS REQUESTED BUT NOT RECOMMENDED  
FOR APPROPRIATION AT 1961 SESSION OF GENERAL ASSEMBLY

Description of Projects By <u>Agency or Institution</u>	<u>Projects Not Recommended to 1961 Session</u>	
	<u>Total Estimated Cost</u>	<u>Amount Deferred Until Later</u>
<u>Division of State Archives and Public Records</u>		
Hall of Public Records	\$ 610,000	\$ 610,000
<u>Capitol Buildings Section</u>		
Exterior Lighting, Capitol Bldgs. & Grounds	47,025	47,025
<u>State Game and Fish Department</u>		
N. W. Regional Office Land	5,000	5,000
S. W. Regional Office Land	5,000	5,000
Landscape New Denver Office	500	500
S. W. Regional H. Q. Building	30,000	30,000
Replace Building 1530 Sherman	<u>585,000</u>	<u>585,000</u>
	\$ 625,500	\$ 625,500
<u>Colorado State Fair - Pueblo</u>		
New Cattle Barn, Remodel Old Cattle Barn, South Parking Lot, FFA, Stock Barn to Dining Hall and Assembly	589,182	589,182
<u>Department of Public Health</u>		
Streptococcal Research Lab	254,050	254,050
<u>Industrial School for Boys</u>		
Remodel Warehouse	60,000	60,000
Medical and Social Service Clinic	200,000	200,000
Gym and Physical Ed Building	330,000	330,000
Artesian Well	20,000	20,000
	<u>\$ 610,000</u>	<u>\$ 610,000</u>



TABLE CC 2 (CONTINUED)

CAPITAL CONSTRUCTION PROJECTS REQUESTED BUT NOT RECOMMENDED  
FOR APPROPRIATION AT 1961 SESSION OF GENERAL ASSEMBLY

Description of Projects By <u>Agency or Institution</u>	<u>Projects Not Recommended to 1961 Session</u>	
	<u>Total Estimated Cost</u>	<u>Amount Deferred Until Later</u>
<u>State Children's Home - Denver</u> Nursery Into Administration Bldg.	\$ 71,715	\$ 71,715
<u>State Home &amp; Training School - Wheat Ridge</u> Two Educable Buildings Custodial Buildings - 180 Bed 66 Bed Ward - Trainable Bldg.	607,781 656,787 305,500 \$ 1,570,068	607,781 656,787 305,500 \$ 1,570,068
<u>Home for the Aged - Trinidad</u> Social Recreational Building	73,055	73,055
<u>Buena Vista Reformatory</u> Classrooms and Auditorium Chapel Field House Remodel Service Building	424,010 79,206 395,100 125,970 \$ 1,024,286	424,010 79,206 395,100 125,970 \$ 1,024,286
<u>Ft. Logan Mental Health Center</u> Equip. Medical Surgical Unit Equip. Intensive Treatment Center Complex	227,982 276,000 \$ 503,982	227,982 276,000 \$ 503,982
<u>Colorado School for the Deaf and Blind</u> Vocational Arts Building Laundry and Garage Building Convent Barn to Athletic and Recreation Center Library Building Tennis Courts	\$ 289,444 96,480 36,180 75,375 5,025 \$ 502,504	\$ 289,444 96,480 36,180 75,375 5,025 \$ 502,504
<u>State Historical Society</u> Caretakers Apt. & Visitors' Center Pike Bloom Mansion - Trinidad El Pueblo Museum	\$ 20,000 1,500 6,000 \$ 27,500	\$ 20,000 1,500 6,000 \$ 27,500

TABLE CC 2 (CONTINUED)

CAPITAL CONSTRUCTION PROJECTS REQUESTED BUT NOT RECOMMENDED  
FOR APPROPRIATION AT 1961 SESSION OF GENERAL ASSEMBLY

Description of Projects By <u>Agency or Institution</u>	<u>Projects Not Recommended to 1961 Session</u>	
	<u>Total Estimated Cost</u>	<u>Amount Deferred Until Later</u>
<u>Colorado State University</u> Veterinary Diagnostic Laboratory	\$ 47,340	\$ 47,340
<u>Colorado State University - Experiment Station</u> Equipment Items - Campus	50,285	50,285
<u>Ft. Lewis A &amp; M College</u> Automatic Lawn Sprinkler	42,500	42,500
Vinyl Tile Replacement	10,000	10,000
Repair Library Roof	15,000	15,000
	<u>\$ 67,500</u>	<u>\$ 67,500</u>
TOTAL OF ALL GROUPS	<u>\$ 6,673,992</u>	<u>\$ 6,673,992</u>



SUMMARY - CAPITAL CONSTRUCTION - APPROPRIATIONS, EXPENDITURES, BALANCES AND METHOD OF FINANCING, FISCAL YEARS, 1960 AND 1961 - CAPITAL CONSTRUCTION

Description of Projects By Agency or Institution	Appropriations 1959-1960	App. Requested for 1960-61 But Made Available Immediately	Method of Financing			Total Appropriations 1959-1960	Capital Construction	Cash Fund	Other	Expenditures 1959-1960	Balance 6/30/60	Adjustments 1959-1960	Adjusted Balance 1959-1960	Expenditures 7/1/60 - 11/30/60	Balance 11/30/60
			Capital Construction	Cash Fund	Other										
<b>Capitol Buildings Section</b>															
Repairs to Capitol Buildings	\$ 10,000	\$	\$	\$	\$ 10,000	\$	\$	\$	\$	\$ 10,000.00	\$	\$ 10,000.00	\$	\$ 10,000.00	\$
State Office Bldg. Remodeling	50,000				50,000				1,250.00	48,750.00		48,750.00	17,743.87	31,006.13	
Remodeling Legislative and Supreme Court		238,350			238,350	238,350			5,910.09	232,439.91		232,439.91	120,974.07	111,465.84	
Pre-Preliminary Planning		10,000			10,000	10,000				10,000.00		10,000.00		10,000.00	
Land Option Museum Bldg. Site		25,000			25,000	25,000				25,000.00		25,000.00		25,000.00	
Remodel First Floor and Basement Capitol		100,000			100,000			100,000		100,000.00		100,000.00	26,607.14	73,392.86	
Sub Totals	\$ 60,000	\$ 373,350	\$	\$	\$ 433,350	\$ 333,350	\$	\$ 100,000	\$ 7,160.09	\$ 426,189.91	\$	\$ 426,189.91	\$ 169,325.08	\$ 260,864.83	
<b>State Historical Society</b>															
Pueblo Museum	15,000	15,000			30,000	30,000			1,246.10	28,753.90		28,753.90	7,996.35	20,757.55	
Ute Museum - Montrose	8,000				8,000	8,000			271.72	7,722.28		7,722.28	245.91	7,476.37	
Ft. Garland Museum	3,000				3,000	3,000				3,000.00		3,000.00		3,000.00	
Renovation Baca House Museum - Trinidad		11,500			11,500	11,500			1,273.82	11,500.00		11,500.00	8,242.26	11,500.00	
Sub Totals	\$ 26,000	\$ 26,500	\$	\$	\$ 52,500	\$ 52,500	\$	\$	\$ 1,273.82	\$ 51,226.18	\$	\$ 51,226.18	\$ 8,242.26	\$ 42,983.92	
<b>Colorado National Guard</b>															
Armory - Fort Collins	42,000	44,000			42,000	42,000		126,000	38,182.70	3,817.30		3,817.30	710.60	3,106.70	
Armory - Cortez		44,000			44,000	44,000		120,000		44,000.00		44,000.00	813.64	43,186.36	
Armory - Greeley		44,000			44,000	44,000		132,000	392.30	43,607.70		43,607.70	20,805.00	22,802.70	
Land Purchase - Delta		6,000			6,000	6,000				6,000.00		6,000.00		6,000.00	
Sub Totals	\$ 42,000	\$ 94,000	\$	\$	\$ 136,000	\$ 136,000	\$	\$ 378,000	\$ 38,575.00	\$ 97,425.00	\$	\$ 97,425.00	\$ 22,329.24	\$ 75,095.76	
<b>Colorado State Reformatory</b>															
Perimeter Fencing	35,000	35,000			35,000	35,000			33,724.91	1,275.09		1,275.09	1,249.42	25.67	
Repair to Irrigation Flumes	22,000	22,000			22,000	22,000			5,000.00	22,000.00		22,000.00	140.50	21,859.50	
Completion of Water System	5,000	5,000			5,000	5,000									
Repair & Replacement Heating System	100,000	100,000			100,000	100,000				100,000.00	+73,000.00	173,000.00	173,000.00	14,665.00	
Planning & Development	30,000	30,000			30,000	30,000			11,940.00	18,060.00		18,060.00	3,395.00	14,665.00	
Additional Facilities	50,000	50,000			50,000	50,000			50,000.00						
Equip. for Vocational Instrc.	293,000	293,000			293,000	293,000			4,534.50	288,465.50	+677,890.00	966,355.50	187,144.71	779,210.79	
New Kitchen & Dining Hall		65,000			65,000	65,000				65,000.00	-65,000.00 <sup>1</sup>				
Equip. for Kitchen & Dining Hall		507,400			507,400	507,400				507,400.00	-507,400.00 <sup>1</sup>				
Const. of Administration Bldg.		5,525			5,525	5,525				5,525.00		5,525.00		5,525.00	
Remodeling Old Dining Hall Into Inmate Quarters		91,490			91,490	91,490				91,490.00	-91,490.00 <sup>1</sup>				
Corridor Remodeling for Internal Security		73,000			73,000	73,000				73,000.00	-73,000.00 <sup>2</sup>				
Adds. & Alterns. Existing Steam Plant		26,000			26,000	26,000				26,000.00		26,000.00		26,000.00	
Prep. Plans Rcvg. & Adjust Unit		61,988			61,988	61,988				61,988.00	-14,000.00 <sup>3</sup>	47,988.00		47,988.00	
Misc. Plant Projects		830,403			830,403	830,403			105,199.41	1,260,203.59		1,260,203.59	364,929.63	895,273.96	
Sub Totals	\$ 535,000	\$ 830,403	\$	\$	\$ 1,365,403	\$ 1,365,403	\$	\$	\$ 105,199.41	\$ 1,260,203.59	\$	\$ 1,260,203.59	\$ 364,929.63	\$ 895,273.96	
<b>State Industrial School for Boys</b>															
Construction on Cottages	240,000	240,000			240,000	240,000				96,404.75		96,404.75	57,818.00	38,586.75	
Remodel & Renovate Cottages	100,000	100,000			100,000	100,000				170,000.00		170,000.00		170,000.00	
Laundry Bldg. Remodel & Equip		70,000			70,000	70,000				55,000.00		55,000.00		55,000.00	
Const. of Two 24 Bed Cottages		250,000			250,000	250,000				250,000.00		250,000.00	6,320.70	243,679.30	
Heating Plant Repairs		25,000			25,000	25,000				25,000.00		25,000.00	1,462.22	23,537.78	
Sub Totals	\$ 340,000	\$ 400,000	\$	\$	\$ 740,000	\$ 740,000	\$	\$	\$ 143,595.25	\$ 596,404.75	\$	\$ 596,404.75	\$ 65,600.92	\$ 530,803.83	

TABLE CC 3

SUMMARY - CAPITAL CONSTRUCTION - APPROPRIATIONS, EXPENDITURES, BALANCES AND METHOD OF FINANCING, FISCAL YEARS, 1960 AND 1961 - CAPITAL CONSTRUCTION

Description of Projects By Agency or Institution	Appropriations 1959-1960	App. Requested for 1960-61 Available Immediately	Total Appropriations 1959-1960	Capital Construction	Method of Financing		Expenditures 1959-1960	Balance 6/30/60	Adjustments 1959-1960	Adjusted Balance 1959-1960	Expenditures 7/1/60 - 11/30/60	Balance 11/30/60
					Cash	Other						
<u>State Home &amp; Trng. School-Bldg</u>												
Remodeling Bldg. Area	\$ 40,000	\$	\$ 40,000	\$ 40,000	\$	\$	\$ 36,396.87	\$ 3,603.13	\$ 3,603.13	\$ 2,427.49	\$ 1,175.64	
Construction of New Warehouse	40,000		100,000	100,000				100,000.00	555,989.00 <sup>4</sup>		555,989.00	
Paving Streets, Curbs & Gutters	20,000		20,000	20,000			20,000.00					
Development of Playground Area	10,000		10,000	10,000			10,000.00					
Automatic Fire Sprinkler System	70,000		70,000	70,000			22,030.56	47,969.44	47,969.44	20,102.32	27,867.12	
Custodial Building		641,800	641,800	641,800				641,800.00	641,800.00		641,800.00	
Bldg. for Trainable Retarded												
Persons		1,129,000	1,129,000	1,129,000				1,129,000.00	1,129,000.00		1,129,000.00	
Services Building		455,989	455,989	455,989				455,989.00	455,989.00 <sup>4</sup>			
Pedestrian Tunnel		50,000	50,000	50,000				50,000.00	50,000.00		50,000.00	
Site Development & Utility Ext.		500,000	500,000	500,000			.76	499,999.24	499,999.24	1,500.00	498,499.24	
Two Cottages for Educable Retarded		414,800	414,800	414,800				414,800.00	414,800.00		414,800.00	
Paving of Roads		7,000	7,000	7,000			6,193.11	806.89	806.89		806.89	
Laundry Equipment		64,670	64,670	64,670				64,670.00	64,670.00	53,752.06	10,918.00	
	\$ 240,000	\$ 3,263,229	\$ 3,503,229	\$ 3,503,229	\$	\$	\$ 94,621.30	\$ 3,408,607.70	\$ 3,408,607.70	\$ 77,761.81	\$ 3,330,845.89	
<u>State Home &amp; Training School - Grand Junction</u>												
Constructing of Irrigation Ditches	4,000		4,000	4,000			2,970.00	1,030.00	1,030.00		1,030.00	
Covering Irrigation Ditches in Res. Area	8,000		8,000	8,000				8,000.00	8,000.00		8,000.00	
Land Leveling	2,400		2,400	2,400			2,594.86	5.14	5.14		5.14	
Irrigation of Lawn Area	2,680		2,680	2,680				2,880.00	2,880.00		2,880.00	
Auto Fire Sprinkler - Meter												
Tower - Meter Dist. Sys.	84,000	63,456	147,456	147,456			7,265.97	140,190.03	140,190.03	8,020.35	132,169.68	
Playground Development		175,000	175,000	175,000				175,000.00	175,000.00		172,821.22	
Gym & Auditorium Construction												
Sub Totals	\$ 101,280	\$ 243,056	\$ 344,336	\$ 344,336	\$	\$	\$ 12,630.83	\$ 331,705.17	\$ 331,705.17	\$ 10,199.10	\$ 321,506.07	
<u>Fort Lewis A. M. College</u>												
Inascaping of Grounds	10,000		10,000	10,000			5,927.12	4,072.88	4,072.88	500.00	3,572.88	
Tennis Courts	12,343		12,343	12,343			11,020.62	1,322.38	1,322.38	294.75	1,027.63	
Paving Roads	10,000		10,000	10,000			9,453.25	546.75	546.75		546.75	
Repairs Reservoir-Exp. Farm												
Sub Totals	\$ 42,343	\$ 0	\$ 42,343	\$ 42,343	\$	\$	\$ 26,400.99	\$ 15,942.01	\$ 15,942.01	\$ 794.75	\$ 10,900.30	
<u>Fort Logan State Hospital</u>												
Maintenance	100,000		100,000	100,000			85,500.20	14,499.80	14,499.80	5,375.00	9,124.80	
Dev. Medical, Arch. & Engr. Plans	50,000		50,000	50,000			11,235.00	38,765.00	38,765.00		37,780.50	
Receiving of Barracks	600,000		600,000	600,000			18,225.00	581,775.00	581,775.00	27,596.16	554,178.84	
Plan. & Constr. Treatment Center	3,430,000		3,430,000	3,430,000				3,430,000.00	3,430,000.00	1,082.78	3,428,917.22	
Acquisition of Water Rights	25,000		25,000	25,000				25,000.00	25,000.00		25,000.00	
Sub Totals	\$ 150,000	\$ 4,055,000	\$ 4,205,000	\$ 4,205,000	\$	\$	\$ 114,960.20	\$ 4,050,039.80	\$ 4,050,039.80	\$ 35,038.44	\$ 4,015,001.36	
<u>State Training School for Girls</u>												
Blacktopping of Roads		7,660	7,660	7,660				7,660.00	7,660.00		7,660.00	
Remodeling of Home Ec Room		4,000	4,000	4,000				4,000.00	4,000.00	4,000.00		
Sub Totals	\$ 0	\$ 11,660	\$ 11,660	\$ 11,660	\$	\$	\$ 0	\$ 11,660.00	\$ 11,660.00	\$ 4,000.00	\$ 7,660.00	
<u>School for the Deaf and Blind</u>												
Wiring & Lighting Argo Bldg.		42,000	42,000	42,000				42,000.00	42,000.00	38,800.00	(80,800.00)	
Wiring & Lighting Adm. Bldg.		21,000	21,000	21,000				21,000.00	21,000.00	21,000.00		
Utility Tunnels & Piping to Gym		17,800	17,800	17,800				17,800.00	17,800.00	17,800.00		
Sub Totals	\$ 0	\$ 80,800	\$ 80,800	\$ 80,800	\$	\$	\$ 0	\$ 80,800.00	\$ 80,800.00	\$ 0	\$ (80,800.00)	



SUMMARY - CAPITAL CONSTRUCTION - APPROPRIATIONS, EXPENDITURES, BALANCES AND METHOD OF FINANCING, FISCAL YEARS, 1960 AND 1961 - CAPITAL CONSTRUCTION

Description of Projects By Agency or Institution	Appropriations 1959-1960	App. Requested for 1960-61 But Made Available Immediately	Total Appropriations 1959-1960			Method of Financing		Expenditures 1959-1960	Balance 6/30/60	Adjustments 1959-1960	Adjusted Balance 1959-1960	Expenditures 7/1/60 - 11/30/60	Balance 11/30/60
			Capital Construction	Cash Fund	Other	Capital Construction	Cash Fund						
Colorado State Childrens Home Recreation Building	\$ 185,000	\$ 185,000	\$ 185,000	\$ 185,000 <sup>C</sup>			\$	\$ 185,000.00	\$	\$ 185,000.00	\$ 8,642.81	\$ 176,357.19	
Western State College Completion of Science Building	\$ 88,000	\$ 88,000	\$ 88,000	\$ 88,000 <sup>D</sup>			\$	\$ 88,000.00 <sup>D</sup>	\$	\$ 88,000.00	\$ 88,000.00	\$	
Colorado State College Heating Plant Extension	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000 <sup>E</sup>			\$	\$ 200,000.00	\$	\$ 200,000.00	\$	\$ 200,000.00	
Colorado State University Construction of Hydraulic Lab	\$ 355,000	\$ 355,000	\$ 355,000	\$ 355,000 <sup>F</sup>			\$	\$ 355,000.00 <sup>F</sup>	\$	\$ 355,000.00	\$	\$ 355,000.00	
Const. Potato Storage San Luis Valley Exp. Sta.	20,000	20,000	20,000		20,000 <sup>G</sup>			20,000.00		20,000.00		20,000.00	
Acquisition of Land Sub Totals	\$ 454,000	\$ 454,000	\$ 454,000	\$ 454,000	\$ 159,000 <sup>H</sup>		\$	\$ 454,000.00	\$	\$ 454,000.00	\$	\$ 454,000.00	
Department of Revenue Construction of Ports of Entry	\$ 92,000 <sup>I</sup>	\$ 92,000	\$ 92,000	\$ 92,000	\$ 149,050 <sup>I</sup>		\$	\$ 43,957.08	\$	\$ 48,042.92 <sup>J</sup>	\$ 19,155.70	\$ 28,887.22	
Colorado State Patrol Ext. of Patrol Radio Micro-Wave System	\$ 201,000	\$ 49,300	\$ 250,300	\$ 250,300 <sup>K</sup>			\$	\$ 166,571.35	\$ + 41,770.63	\$ 125,499.28	\$ 14,886.93	\$ 110,612.35	
State Industrial Commission Remodeling 4th & 5th Floors Capitol Annex	\$	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000 <sup>M</sup>		\$	\$	\$	\$ 50,000.00	\$ 34,229.36	\$ 15,770.62	
Department of Game and Fish Capital Acquisitions	\$ 314,850	\$ 35,000	\$ 314,850	\$ 314,850			\$	\$ 91,560.69	\$ + 11,248.40 <sup>N</sup>	\$ 234,537.71	\$ 99,018.92	\$ 135,518.79	
Hatchery Bldg. Mt. Shavano	30,000	30,000	30,000	30,000				30,000.00		30,000.00		30,000.00	
Navajo-Conejos Diversion	60,000	60,000	60,000	60,000				60,000.00		60,000.00		60,000.00	
Big Blue Lake	110,000	110,000	110,000	110,000				110,000.00		110,000.00		110,000.00	
Lester Creek Lake	40,000	40,000	40,000	40,000				40,000.00		40,000.00		40,000.00	
Spring Creek Lake	65,000	65,000	65,000	65,000				65,000.00		65,000.00		65,000.00	
Alkalai Creek Lake	310,000	310,000	310,000	310,000				310,000.00		310,000.00		310,000.00	
Rock Creek Lake	25,000	25,000	25,000	25,000				25,000.00		25,000.00		25,000.00	
Homestake Lake	60,000	60,000	60,000	60,000				60,000.00		60,000.00		60,000.00	
Granby Seep Lake	50,000	50,000	50,000	50,000				50,000.00		50,000.00		50,000.00	
John Martin Reservoir Wtr Rits. Michigan River Fishing Right of Way	50,000	10,000	50,000	50,000				50,000.00		50,000.00		50,000.00	
N. Sterling Reservoir Land	10,000	10,000	10,000	10,000				10,000.00		10,000.00		10,000.00	
Miller - Spahn Land	50,000	50,000	50,000	50,000				50,000.00		50,000.00		50,000.00	
Misc. Small Projects	95,100	95,100	95,100	95,100				95,100.00	- 14,400.00 <sup>T</sup>	80,700.00		80,700.00	
Agreement With Denver Water Board Sub Totals	\$ 314,850	\$ 1,490,100	\$ 1,804,950	\$ 1,804,950	\$ 0	\$ 1,804,950 <sup>O</sup>	\$	\$ 91,560.69	\$ + 11,248.40	\$ 1,724,637.71	\$ 99,018.92	\$ 1,625,618.79	
State Park & Recreation Board Acquisition of Land & Marina	140,000		140,000 <sup>P</sup>	140,000				17,116.70		122,883.30	10,897.10	111,986.20	
Dev. Recreation Facilities	40,609	62,500	103,109	103,109				62,454.85		40,653.70	22,653.88	17,999.82	
Cherry Creek Res.	8,000	8,000	8,000	8,000				3,293.00		4,707.00	4.00	4,297.00	
Development Antero Reservoir	4,500	4,500	4,500	4,500				105.55		4,394.45	87.77	4,306.68	
Development Vega Reservoir	40,000	40,000	40,000	40,000				192.83		39,807.17	21,810.07	17,997.10	
Development Switzer Lake	17,000	20,000	37,000	37,000				33,110.11		3,889.89	3,660.15	229.74	

TABLE CC 3

SUMMARY - CAPITAL CONSTRUCTION - APPROPRIATIONS, EXPENDITURES, BALANCES  
AND METHOD OF FINANCING, FISCAL YEARS, 1960 AND 1961 - CAPITAL CONSTRUCTION

Description of Projects By Agency or Institution	Appropriations 1959-1960	App. Requested for 1960-61 But Made Available Immediately	Total Appropriations 1959-1960	Method of Financing		Other	Expenditures 1959-1960	Balance 6/30/60	Adjusted Balance 1959-1960	Expenditures		Balance 11/30/60
				Capital Construction	Cash Fund					7/1/60 -	11/30/60	
State Park & Rec. Board (Cont'd)												
Planning Rec. Area	\$ 197,609	\$ 10,000	\$ 10,000	\$ 140,000	\$ 10,000		\$ 3,687.87	\$ 6,312.13	\$ 6,312.13	\$ 6,230.79	\$ 81.34	
Eleven Mile Reservoir		\$ 145,000	\$ 342,609		\$ 202,609		\$ 119,960.91	\$ 222,647.64	\$ 222,647.64	\$ 65,749.76	\$ 156,897.88	
Sub Totals												
School for the Deaf & Blind Repairs to Utility System & Other Facilities	266,428 <sup>a</sup>		266,426	80,800	296,426	4,116	32,596.47	233,029.53	314,629.53	232,441.58	82,187.95	
<b>GRAND TOTALS</b>	<b>\$ 2,608,508</b>	<b>\$ 12,039,448</b>	<b>\$ 14,647,956</b>	<b>\$ 11,593,671</b>	<b>\$ 2,916,334</b>	<b>\$ 1,832,184</b>	<b>\$ 999,063.39</b>	<b>\$ 13,618,892.16</b>	<b>\$ 13,701,911.19</b>	<b>\$ 1,316,366.31</b>	<b>\$ 12,385,544.88</b>	

1 Total amount transferred to Account No. 6004  
2 Total amount transferred to Account No. 6004  
3 \$14,000.00 transferred to Account No. 6004  
4 Total amount transferred to Account No. 6006  
5 Total amount transferred to Account No. 6001  
6 Transferred to Account No. 4010  
7 \$14,400.00 transferred to Account No. 2143 (1960-1961)

A Repayable from Public Building Anticipation (4003) from proceeds of tax established by 130-7-4, C.R.S. 1953.  
B Repayable from Training School for Girls Cash Fund (2193).  
C Repayable from Colorado State Childrens Home Building Appropriation (1773) by 12/31/60 (State General Fund).  
D Funds to be expended together with proceeds of Building Mill Levy authorized by 124-7-15, C.R.S. 1953 and repaid to Capital Construction Fund from any unencumbered proceeds of said Tax Levy remaining after Completion of the Science Building. Repayment shall commence 7/1/62 and be completed 12/31/65 (4023). Building Mill Levy proceeds of \$675,895 are not appropriated and are not included in balances.  
E Funds to be expended together with proceeds from building Mill Levy authorized by 124-6-14, C.R.S. 1953 and repaid to Capital Construction Fund beginning 7/1/62 and ending 12/31/65 (4001).  
F Funds to be expended together with proceeds of Mill Leves, established by 124-10-44 and 124-13-35, C.R.S. 1953; \$40,000 of funds appropriated from Capital Construction Fund shall be repaid such fund from any unencumbered proceeds of Mill Leves established by 124-10-44 C.R.S., 1953 beginning 7/1/62 and ending 12/31/65 (4002). Total project cost amounts to \$635,000 of which only \$555,00 is appropriated.  
G Payable from Colorado State University Land Fund (2115).  
H Payable from Colorado State University Land Fund (2115).  
I \$57,049.77 appropriated in 1958-1959 - Carried forward to 1959-1960. This sum not included except under Method of Financing.  
J Balance of \$105,092.69 transferred to 1960-61.  
K Payable from Highway Users Tax Fund (3071) (Cash transferred from 3071 to 3035).  
L Federal Civil Defense Funds actually received, not included as part of appropriation.  
M Payable from Compensation Insurance Fund (2209) (transferred from 2210).  
N \$11,280.40 transferred from Operating Fund and added to Capital Construction.  
O Total appropriations payable from Game and Fish Department Cash Fund (2146).  
P \$40,000 repayable from Marina Earnings beginning 1960-1961 for four years (2125) (transferred from 6016).  
Q Total appropriations payable from Parks and Recreation Board Internal Improvement Fund (2125).  
R In addition, \$30,000 appropriated 5/7/58; \$5,699.03 appropriated 12/22/58 (B-ME Funds) less reduction of \$1,581 authorized 10/15/59.

a/ Request reappropriation of \$177,650 out of the \$500,000 originally appropriated for site development and utility extension (Account No. 6006-61).  
b/ Request reappropriation of \$550,000 out of the \$600,000 originally appropriated for barracks renovation (Account No. 6009-53) \$75,000 of which is to be used to renovate one barrack and \$475,000 to be used to construct one or more treatment cottages.

TABLE CC 4

INSTITUTION BUILDING APPROPRIATIONS  
From General Revenue Fund

Institution or Agency	1958-59	1959-60	1960-61
<u>TRAINING SCHOOL FOR GIRLS</u>			
Appropriation	\$ 282,186.00	\$ 142,480	\$ 142,480
Expenditures	139,705.82	0	142,480
Forwarded to Following Year	\$ 142,480.18	\$ 142,480	\$ 0
<u>COLORADO CHILDREN'S HOME</u>			
Appropriation	\$ 401,864.00	\$ 401,864	\$ 397,060
Expenditures	0	4,804	196,000
Forwarded to Following Year	\$ 401,864.00	\$ 397,060	\$ 0
SAVINGS			\$ 201,060
<u>STATE HOME &amp; TRAINING SCHOOL-GRAND JUNCTION</u>			
Appropriation	\$ 32,265.00	\$ 32,265	\$ 17,065
Expenditures	0	15,200	15,918
Forwarded to Following Year	\$ 32,265.00	\$ 17,065	\$ 0
SAVINGS			\$ 1,147
<u>STATE HOME AND TRAINING SCHOOL - RIDGE</u>			
Appropriation	\$ 8,400.00	\$ 0	\$ 0
Expenditures	8,400.00	0	0
Forwarded to Following Year	\$ 0	\$ 0	\$ 0



AGENCY Capitol Buildings Section

PROJECT Installing Separate Steam Lines for Ventilating Units

PROJECT DESCRIPTION

In the State Capitol Building, the steam service to the direct radiation and indirect radiation is controlled by one control designed to serve the direct radiation. This is not a satisfactory condition, for, when the direct radiation is satisfied, the steam pressure is cut to a point where there is not sufficient steam to supply the indirect radiation.

With the increasing installations of ventilation with necessary indirect radiation, it is necessary to separate the direct from the indirect. This will necessitate running a new line from the main tunnel with independent control to the various ventilating units.

PROJECT COST

Estimated cost of project ..... \$ 20,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division in the amount of \$20,000.00.



AGENCY Capitol Buildings Section

PROJECT State Power Plant Improvement

PROJECT DESCRIPTION

The feed water heater for boilers in the boiler plant is not a good heater and is so located as to make it difficult to control feed water into present boilers.

It would be economy to install a new, properly-designed, heater in a location to give sufficient water head to feed water pumps to insure uninterrupted feed to boilers.

It would prove economical to convert present boilers from coal-firing to gas-firing and install a separate gas-fired boiler for light loads.

PROJECT COST

Estimated Cost of Project ..... \$ 25,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division in the amount of \$25,000.00.



AGENCY Capitol Buildings Section

PROJECT Replacement of Present Radiators with Convector Type Radiators in Capitol Annex Building

PROJECT DESCRIPTION

The radiators in the Capitol Annex Building are showing evidence of failure of the slip nipple between sections. It would be advantageous to change these radiators to convector type which have no slip nipples. Convector type radiator installation could also improve the ventilating system and improve the conditioning of this building.

PROJECT COST

Estimated Cost of Project ..... \$24,000.00.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division in the amount of \$24,000.00.

AGENCY Capitol Building Section

PROJECT Roof Repairs and Replacement of Roofs  
State Museum and State Office Building

PROJECT DESCRIPTION

There is evidence of water coming through roofs of the State Museum Building and State Office Building and damaging plastered areas underneath. Mopping in gutter areas has not stopped the water coming through. Investigation indicates the need of repairs and replacement of waterproofing under tile and replacing tile in places.

The present numerous leaks indicate the need for complete overhaul and/or replacement of present tile roofs on these buildings.

PROJECT COST

Estimated cost of Project ..... \$15,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division in the amount of \$15,000.00.

AGENCY Capitol Buildings Section

PROJECT Building for Museum, Parking, State Motor Pool, and other Offices.

PROJECT DESCRIPTION

The proposed building would occupy a site on the northeast corner of Colfax and Lincoln, now partially occupied by the Tours Hotel. This site is 125 feet on Colfax Avenue and about 250 feet on Lincoln Street.

The Sub-basement would be devoted entirely to a State motor pool with vehicular access by ramp down one floor from Lincoln Street. Personnel would have access by a passage under the alley connecting with Basement of the State Services Building. There would be space for at least 83 vehicles.

The Basement on Lincoln Street level would provide parking space for visitors to the Museum. In addition there would be a building entrance lobby off Lincoln Street giving access to elevators to the Game and Fish Department offices on the top floor.

The Main or First Floor would be entered from Colfax Avenue and would contain the following: Entrance Foyer, Public Toilets, Check Room, Museum Sales Area, Exhibition Gallery, an Assembly Room capable of being divided by folding partitions into three Special Education Units, Museum Offices, Work Room and Exhibit Preparation, Receiving and Shipping Space.

The Second Floor would be entirely devoted to Exhibition Galleries.

The Third Floor would contain the Museum Library and the History Section of the Museum. The remainder of this floor would be Museum Storage.

The Fourth or top floor would be entirely devoted to office space primarily for the Game and Fish Department.

PROJECT CONSTRUCTION

Structure .....	Reinforced concrete
Exterior Walls .....	White marble with black granite base
Roofing .....	Built-up composition roof
Windows .....	Bronze pivoted
Flooring .....	Terrazzo in public areas, other areas concrete; plastic floor covering in office areas
Interior walls .....	Plaster on terra cotta block for permanent partitions. Office area of top floor to have movable partitions.
Ceilings .....	Suspended acoustical in offices. Exposed slab in storage areas and vehicle parking areas. Special open lattice in exhibition areas
Plumbing .....	Standard type commercial fixtures
Heating & Ventilating.....	Heat source would be steam generated outside this building (not a part of this project). No heat in basement or sub-basement. The three floors of Museum area to be heated and

PROJECT CONSTRUCTION (cont'd)

Heating & Ventilating (cont'd).... ventilated by mechanical ventilating supplemented by convectors where required. The top floor office area to have fan coil units at exterior walls as well as mechanical ventilation. Air-conditioning (cooling) to be provided by evaporative type coolers or refrigeration.

Electrical ..... Conduit. Fluorescent and Incandescent. Special flexibility features for exhibition areas.

Special Feature ..... A large decorative panel over the main entrance depicting an appropriate theme related to the history of Colorado.

PROJECT COST

A. Construction .....	\$2,455,253.00
1. Structure (Genl., Mech., Elec., Fixed Equipment)	
B. Demolition of present building site .....	23,000.00
C. Professional Services	
1. Architectural or Engineering @ 6% .....	147,315.00
D. Total Estimated Cost of Project .....	\$2,625,568.00

STATE PLANNING DIVISION RECOMMENDATION

INTRODUCTORY: The proposed construction of a new State Museum Building is the first phase of an overall program which will require three years to accomplish. First, a new building would be constructed which will provide the State Historical Society with additional exhibit space that is needed, also parking space for busses carrying visiting school children and parking for adult visitors as well, all of which facilities are now lacking. A basement floor would be occupied by the State Car Pool operated by the State Purchasing Department. The new Museum Building would also accommodate, on the Fourth Floor, the headquarters offices of the State Game and Fish Department, which is now badly overcrowded in its building at 1530 Sherman Street. Upon completion of a new building and its occupancy by the State Historical Society, the present Museum Building would be remodeled for the use of the State Supreme Court, in order to give the Justices and their staffs additional space. This program will make all of the State Capitol building available for the use of elective officials and their administrative staffs and departments as well as the General Assembly and its staffs and committees.

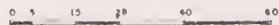
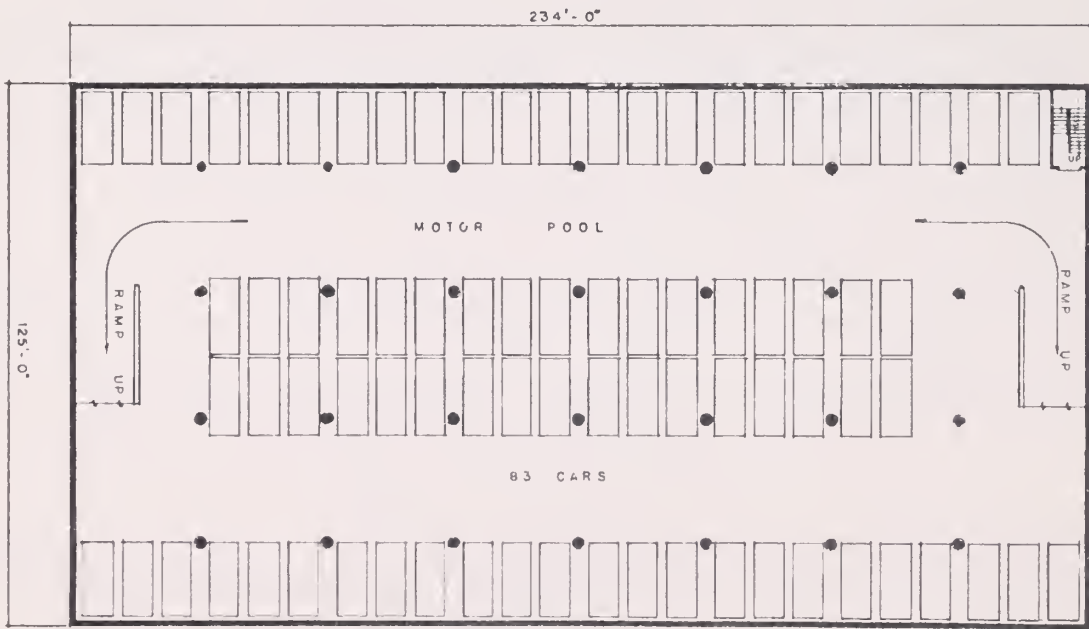
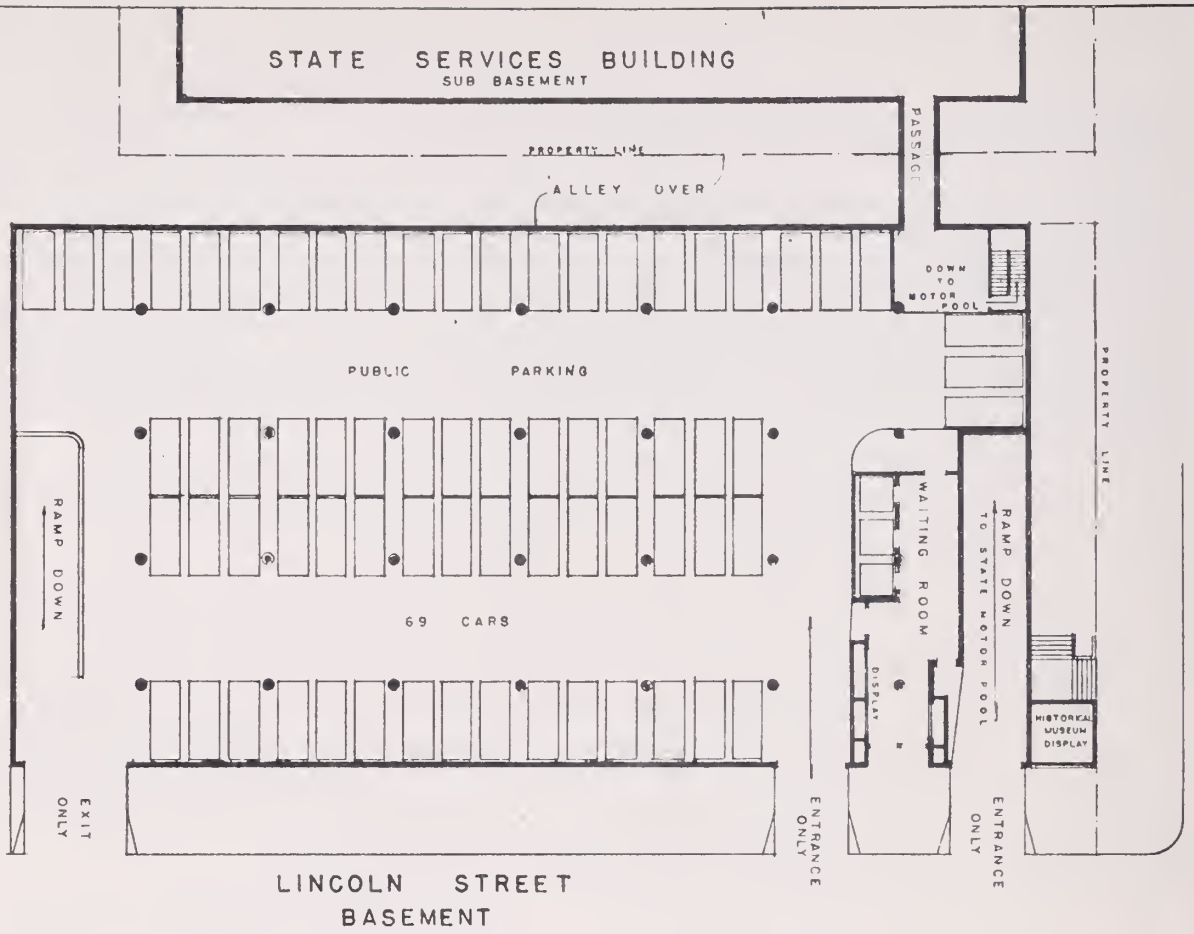
Even if the new building is financed in 1961, it cannot be designed, constructed and occupied before 1963 and the present Museum Building cannot be remodeled and occupied by the Supreme Court until 1964--three years from now.

On the basis of the overall program, the Advisory Board of the State Planning Division recommended that financing of the proposed Museum Building be approved, if possible, but if not, that at least \$60,000.00 be approved for the development

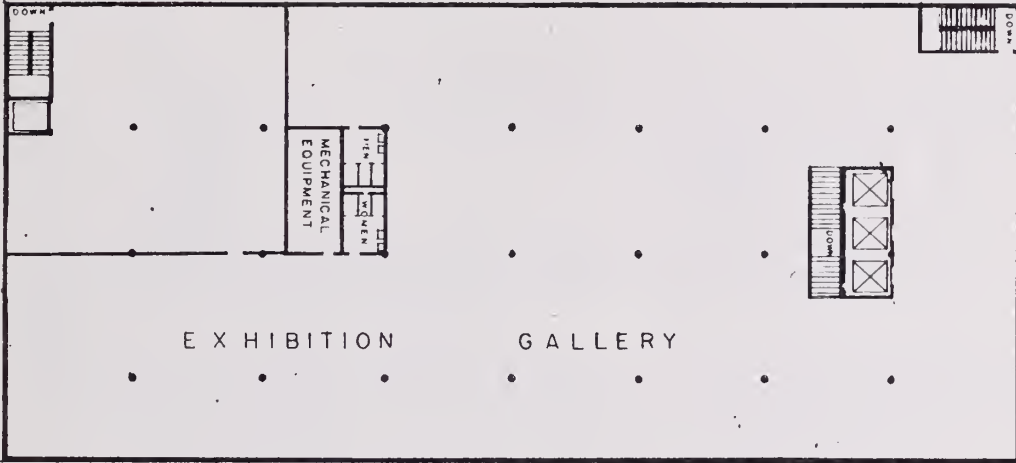
STATE PLANNING DIVISION RECOMMENDATION (cont'd)

of plans and cost estimates, with financing to be provided in 1962. It is anticipated that an agreement will be reached with the State Game and Fish Commission for its financing of the floor to be occupied by the Department. This proposal is that the State Game and Fish Commission finance the cost of one floor in the new Museum Building and be given title to the space. Years hence, when the State Historical Society needs additional exhibit space, the State can purchase the Fourth Floor from the State Game and Fish Department and the latter can perhaps construct its own building.

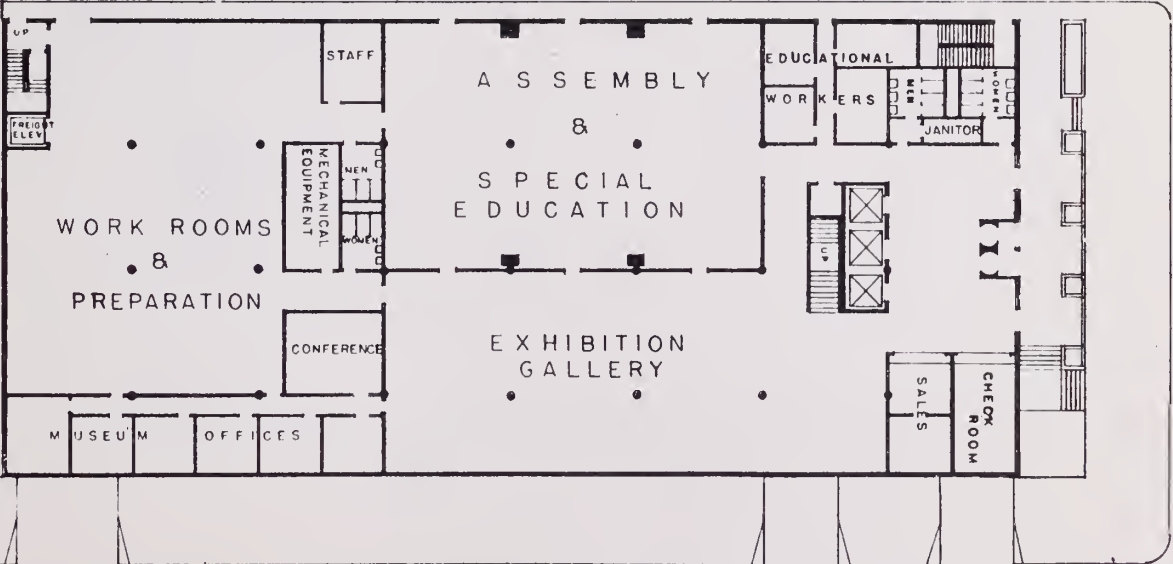




PP-105-60  
 MUSEUM, MOTOR POOL, OFFICES  
 CAPITOL BUILDINGS GROUP  
 Smith & Hegner, Architects  
 Denver, Colo.



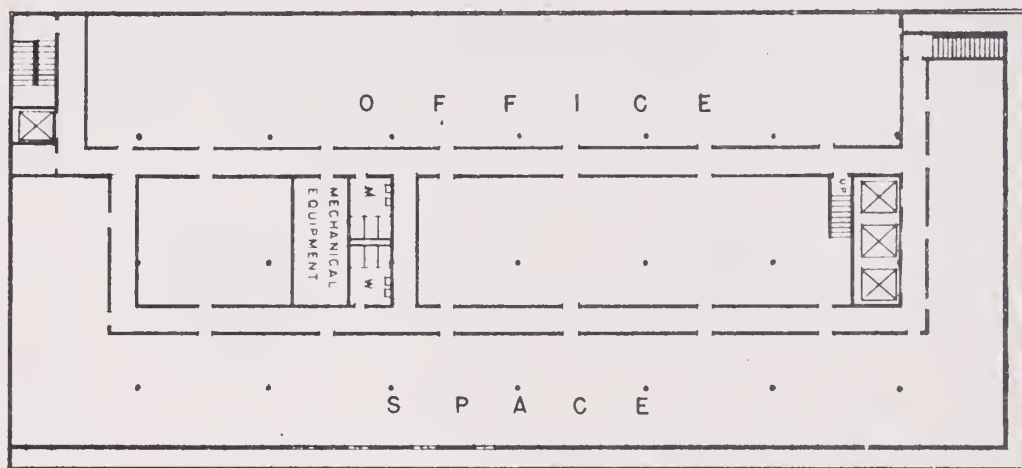
SECOND FLOOR



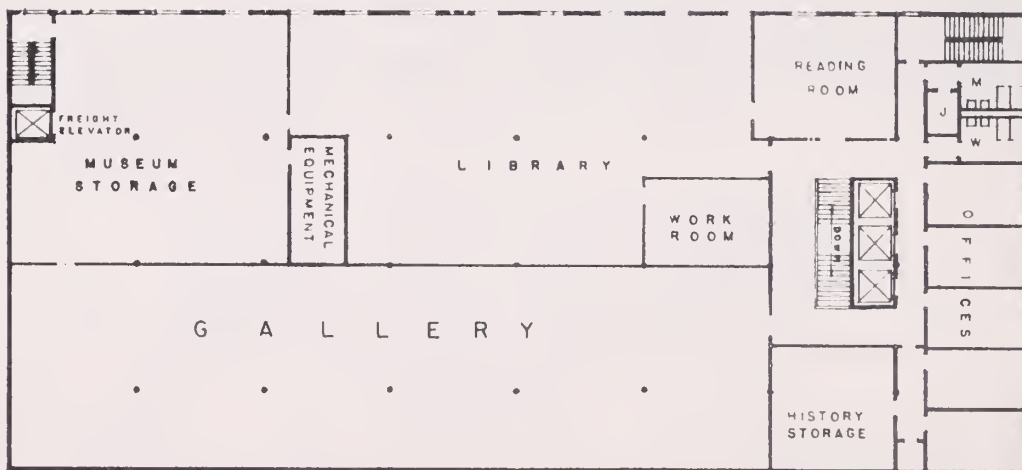
FIRST FLOOR



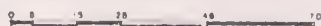
PP-105-60  
 MUSEUM, MOTOR POOL, OFFICES  
 CAPITOL BUILDINGS GROUP  
 Smith & Hegner, Architects  
 Denver, Colo.



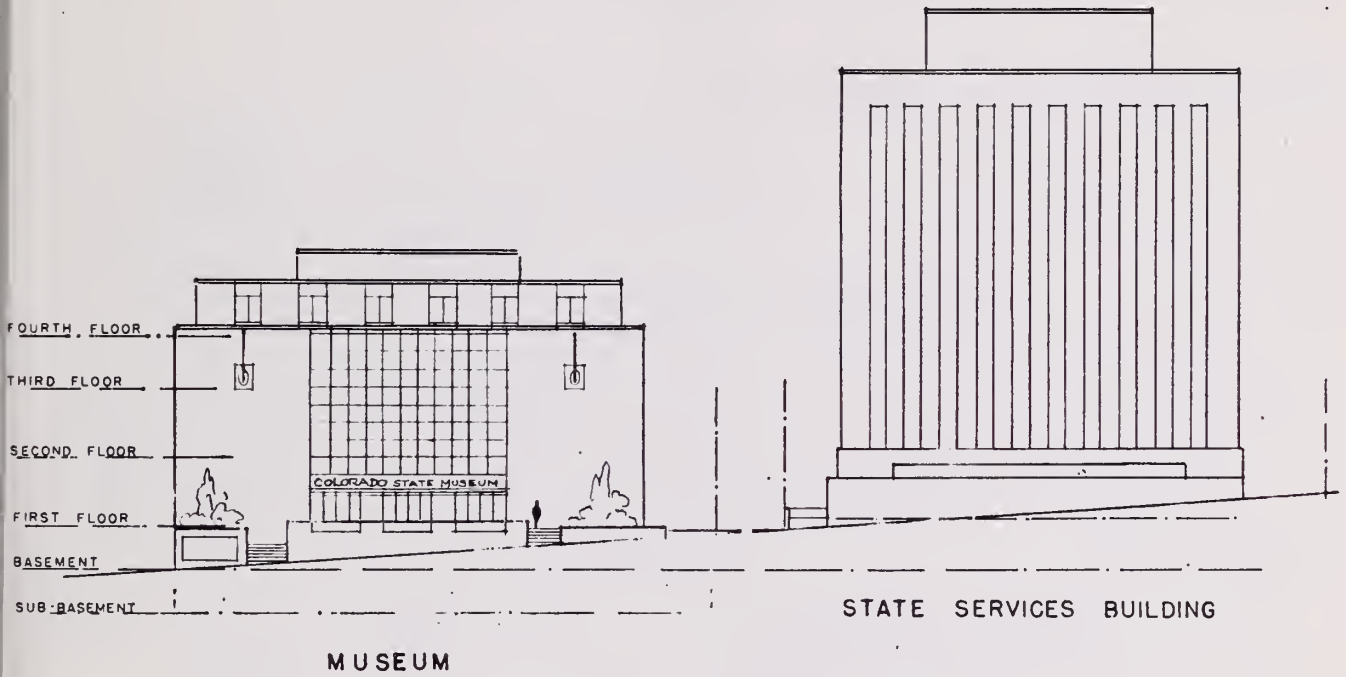
FOURTH FLOOR



THIRD FLOOR



PP-105-60  
MUSEUM, MOTOR POOL, OFFICES  
CAPITOL BUILDINGS GROUP  
Smith & Hegner, Architects  
Denver, Colo.



PP-105-60  
MUSEUM, MOTOR POOL, OFFICES  
CAPITOL BUILDINGS GROUP  
Smith & Hegner, Architects  
Denver, Colo.

AGENCY Capitol Buildings Section

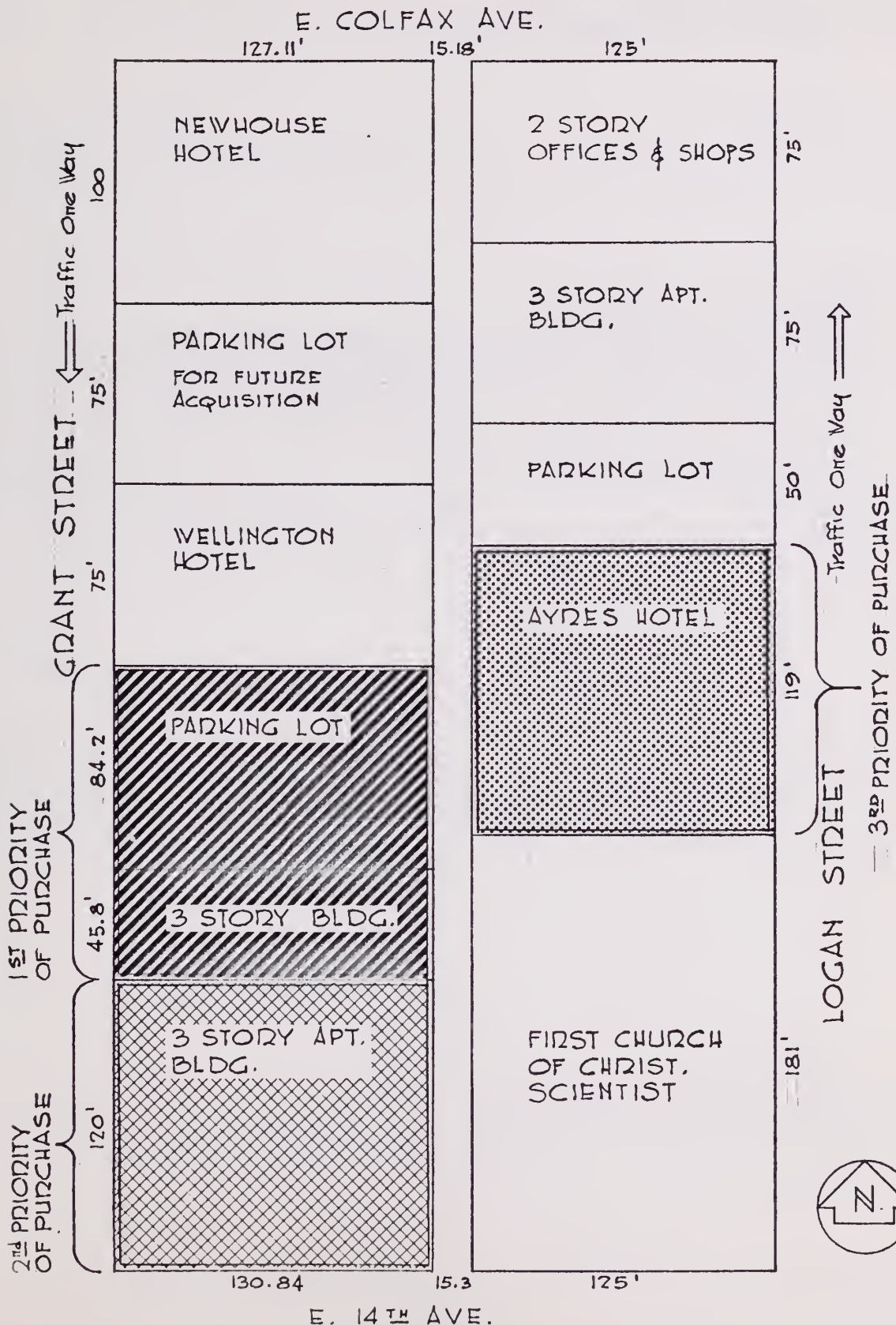
PROJECT Acquisition of Land near Capitol Buildings

PROJECT DESCRIPTION AND  
STATE PLANNING DIVISION RECOMMENDATION

The Advisory Board of the State Planning Division voted to recommend that the State pursue a policy of acquiring parcels of land in the block immediately east of the Capitol--the block bounded by East Fourteenth Avenue on the south, East Colfax Avenue on the north, Grant Street on the west and Logan Street on the east. This recommendation is based on the opinion that it is prudent for the State to acquire additional land for future needs, based on experiences of the past, that such land should be acquired before new buildings have been constructed which might increase the cost of the land and that, by adopting such a policy of land acquisition, the State can proceed in an orderly program over a period of 10 to 15 years--to acquire most of the block of land under consideration. Acquisition of the land in stages is proposed, as indicated on the accompanying drawing of the block area, and approval of funds for the first priority is recommended.



ACQUISITION OF LAND NEAR CAPITOL BUILDINGS



AGENCY Capitol Buildings Section

PROJECT Remodeling of Basement of Capitol Annex

PROJECT DESCRIPTION

The basement of the Capitol Annex is to be remodeled to provide: an adequate coffee shop to accommodate the building, a machine room for IBM equipment and a revision of the building receiving area.

PROJECT COST

A.	Construction	
	1. New 8" concrete Block Walls .....	\$ 968.00
	2. Plaster Work .....	895.00
	3. Acoustical Ceiling .....	1,111.00
	4. New Concrete Floor Fill .....	1,246.00
	5. Waterproof Floor Membrane .....	425.00
	6. New Overhead Door and Side Panels .....	1,000.00
	7. Miscellaneous Carpentry .....	1,500.00
	8. Painting .....	604.00
	9. New Linoleum Floor .....	546.00
	10. Mechanical .....	8,000.00
	11. IBM Room ventilation .....	1,000.00
	12. Electrical .....	1,400.00
	Total Construction Cost .....	\$ 18,695.00
B.	Contingencies (15%) .....	2,856.00
C.	Professional Services	
	1. Architect's Fee .....	<u>2,150.00</u>
	TOTAL PROJECT COST .....	\$ 23,700.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be approved.

AGENCY Capitol Building Section

PROJECT Air Conditioning of Rooms for IBM Equipment, Capitol Annex

PROJECT DESCRIPTION

It is necessary to ventilate and cool the air in these areas occupied by the IBM equipment.

1. This equipment gives off a considerable amount of heat which must be compensated for by ventilating and cooling. This is necessary for the proper operation of the machines and the comfort of the operators.
2. Due to keeping windows open in these areas to compensate for heat, a considerable amount of dust and dirt comes in from out doors. This dirt and dust damages the machines causing excessive maintenance.

PROJECT COST

Estimated Cost ..... \$18,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$18,000.00.

INSTITUTION Colorado National Guard

PROJECT Two-Unit Armory Building, Pueblo, Colorado

PROJECT DESCRIPTION

The proposed building will serve as a two-unit Armory for the National Guard including drill hall, classrooms, storage areas, vaults, locker rooms, toilet facilities, mechanical (heating and ventilating facilities), a small kitchen and office facilities.

PROJECT CONSTRUCTION

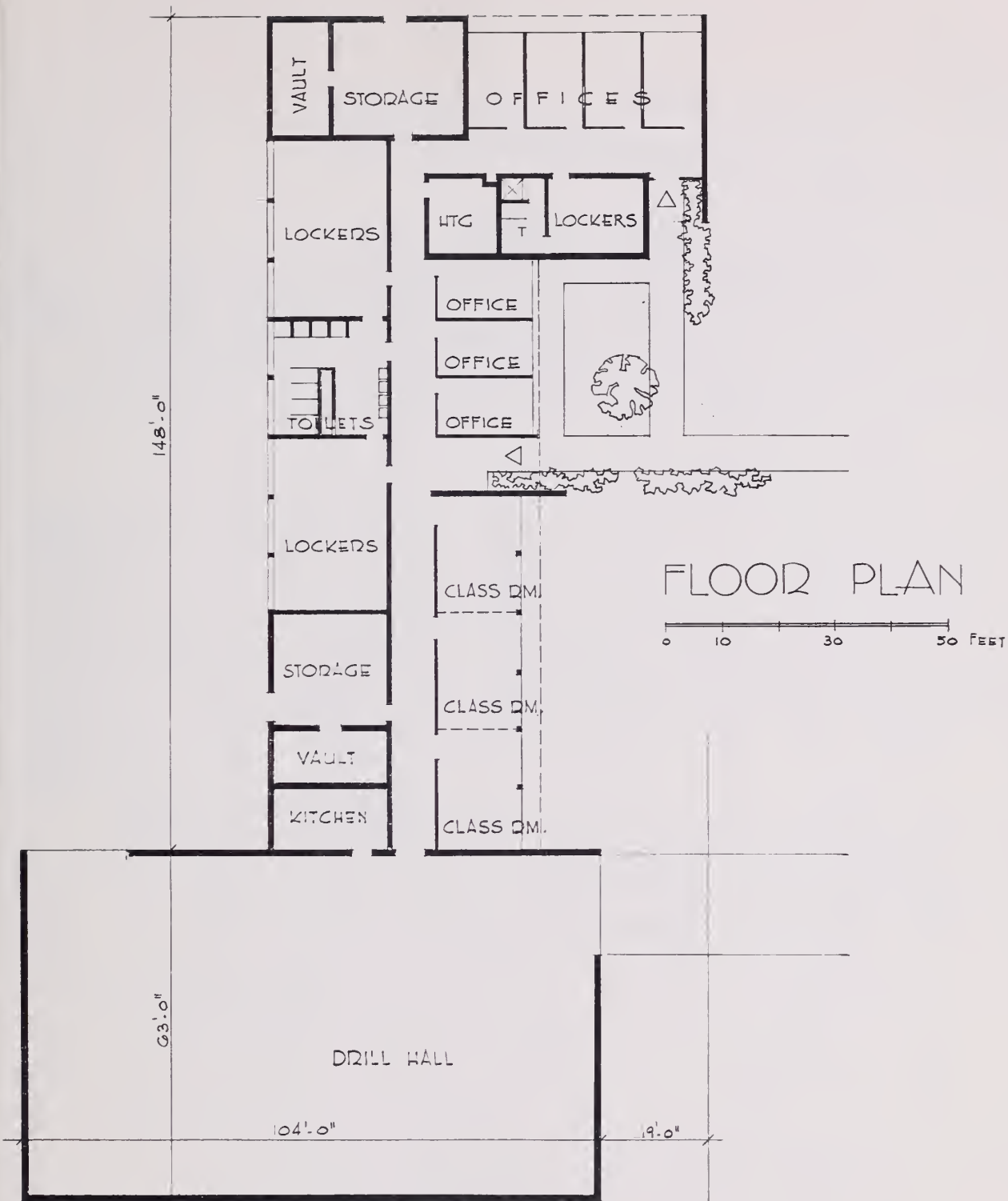
Structure ..... Structural steel and masonry load-bearing partitions  
 Exterior walls ..... Face brick, and block back-up  
 Roofing ..... Built-up composition  
 Flooring ..... Concrete and asphalt tile  
 Interior walls ..... Light-weight block and glazed structural tile  
 Ceilings ..... Exposed steel deck  
 Plumbing ..... Conventional commercial  
 Heating ..... Forced warm air  
 Electrical ..... Incandescent and Fluorescent Fixtures

PROJECT COST

A.	Construction	
1.	Structure (General, Mechanical, Electrical Fixed Equipment).....	\$ 150,000.00
2.	Services (Sewers, Water Supply, Gas, not within structure).....	3,700.00
3.	Site (Roads, Walks, Grading, Fencing, etc.) .....	11,600.00
B.	Contingencies .....	3,500.00
C.	Professional Services:	
1.	Architectural and Engineering .....	10,128.00
2.	Surveys, and Site Investigations .....	1,000.00
D.	Total estimated cost of project .....	\$ 179,928.00
E.	Cost per square foot on Items A-1 & C (15,000 sq. ft.).....	\$ 10.74
F.	Cost per cubic foot based on Items A-1 & C (198,000 cu.ft.)...	.815

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division in the amount of \$45,000.00. To be supplemented by \$135,000.00 of Federal Funds, making a total cost of \$180,000.00.



PROPOSED TWO-UNIT ARMORY

PUEBLO, COLORADO

EARL C. MORRIS-ARCHITECT, DENVER

COLO. NATIONAL GUARD

PP-04-60

CC-2-1

PAGE -17



AGENCY Colorado State Patrol

PROJECT Extension of Microwave System

PROJECT DESCRIPTION

The present microwave system completed extends from Pueblo to Greeley, Colorado Springs to Denver. Under construction is an extension of this microwave system from Denver to Grand Junction and Craig via Eagle. The budget request reflected herein is for an extension of this microwave system from Pueblo to Buena Vista by way of Alamosa and Salida. The stations are to be located at: Pueblo, Walsenburg, La Veta, Alamosa, Pool Table Mountain, Methodist Mountain, Salida, Bald Mountain, Buena Vista, Fooses Creek, Monarch Pass.

PROJECT CONSTRUCTION & COST

Microwave and Power Plant Equipment.....	\$ 140,424.00
9 Towers @ \$2,500 .....	18,900.00
6 Buildings @ \$4,500 .....	27,000.00
14 Gas Storage Tanks @ \$600 .....	8,400.00
20 Antennas .....	12,750.00
2250 ft. Antenna Transmission line .....	3,937.00
20 Antenna Mounting Brackets .....	700.00
Antenna Transmission Line Connectors .....	640.00
Test Equipment .....	7,000.00
	<hr/>
	\$ 219,751.00

The above project is to be financed from State Highway Department funds.

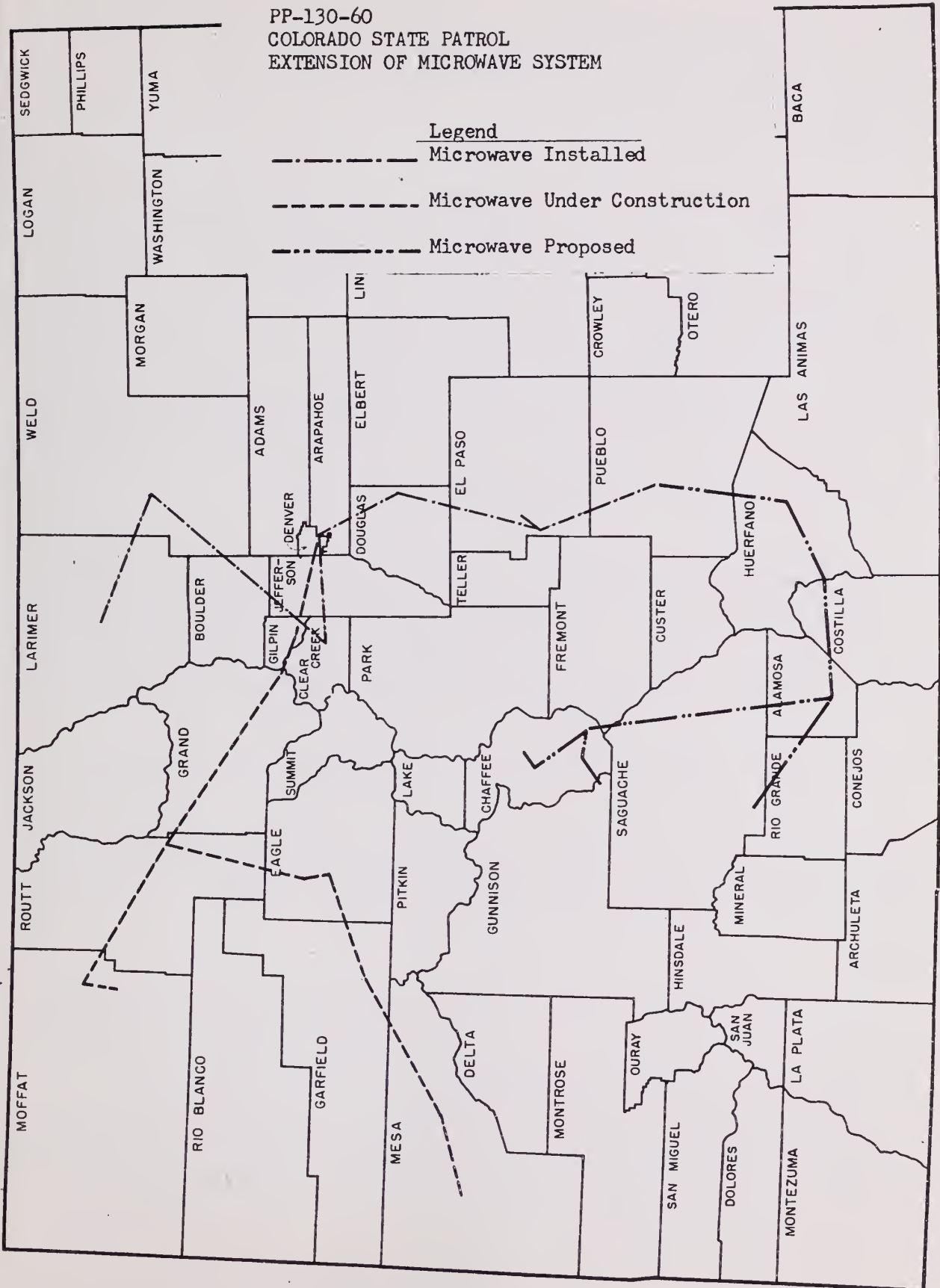
STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$219,750.00.

PP-130-60  
COLORADO STATE PATROL  
EXTENSION OF MICROWAVE SYSTEM

Legend

- Microwave Installed
- - - Microwave Under Construction
- · - · - Microwave Proposed



COLORADO STATE PLANNING DIVISION

AGENCY Department of Revenue

PROJECT Motor Vehicle Land Acquisition

PROJECT DESCRIPTION

**SIZE:**

The Motor Vehicle Division of the Department of Revenue, numbering slightly over three hundred employees, is housed at Sixth and Bannock Streets in Denver, Colorado. All of the activities of the Motor Vehicle Division, including motor vehicle registration, drivers' licensing, safety responsibility, automobile titles, master record file of each registration and driver's license and the driver improvement section, embracing the maintenance of the point system violations records, suspensions, revocations and hearings. In addition to the total activities of the Motor Vehicle Division, allied units of the Department of Revenue are also housed in this area. These include the Motor Vehicle Dealers Licensing Authority, Motor Fuel and Special Fuel Tax Division, Ton Mile Tax Division and the Port of Entry executive office. In other words: all of the activities of the Department of Revenue which directly or indirectly involve motor vehicles are maintained at this location.

The present facilities consist of two separate buildings. One is devoted to drivers' licensing and consists of a converted shop type building. The other building was constructed by remodeling three separate buildings which were contiguous; one of which was an office building and the other two were repair shops maintained by the H. W. Moore Equipment Company for the maintenance of heavy machinery. These buildings occupy approximately two-fifths of the present area owned by the State of Colorado. The remaining three-fifths are converted into a parking lot and vehicle access area for the public.

The land presently owned by the State is the block fronting on Acoma and Bannock Streets and West Sixth Avenue, with the exception of the south 141 ft. The portion of the block not owned by the State is made up of lots 16 through 31, of 125 ft. depth from south to north and a 16 ft. alley. At present all of these lots have homes erected on them. Most of these are between 35 and 50 years old, with a few older. Thus, the land to be acquired is roughly an area of 125 feet by 375 feet, or 39,875 square feet.

**FUNCTION:**

The function is to provide additional area for the parking of vehicles by the public while contacting the various units of the Department of Revenue. Particularly the parking area is necessary to service the vehicles of persons securing drivers' licenses. In addition to the actual parking area, a functional area is needed for the vehicles used by drivers who are required to take road driving tests. At present frequently vehicles are stacked up at the Bannock Street entrance to the driver licensing area. There is a period during practically every day when the applicants who are required to take driving tests are crowded into a line awaiting road tests, which seriously impedes the movement of other vehicles entering the lot.

A secondary function of the area would be to provide the required parking area which would be necessary when future construction would be necessary to house the motor vehicle unit. Present facilities are barely adequate and in this area of motor vehicle administration the average increase in work load is approximately 5% per year. The current registration of motor vehicles number slightly over 1,000,000. The number of licensed drivers in the State is in excess of 1,400,000 and the increase in these two areas is 5% to 6% each year. During a day's time between 1,500 and 2,000 persons and vehicles visit the area.

#### FACTS RELATIVE TO NEED:

As was stated before, the present buildings are barely adequate and as the actual Motor Vehicle unit increases, the fringe units such as Motor Vehicle Dealers Administration, Motor Fuel and Special Fuel tax, Port of Entry and Ton Mile Tax units will have to be transferred to other areas. Also, the building housing the driver examination unit is obsolete and inefficient. The other building, which was remodeled in 1955, is servicable for a number of years, but ultimately a new building or buildings will have to be erected.

The area is being increasingly more commercialized and although originally residential, is now being interspersed with small new office or shop buildings housing small businesses, used primarily by sales representatives and wholesale distributors. The area on the east side of Acoma Street from Fifth to Sixth has erected thereon a one story new brick building 7 or 8 years old which houses the Rolnick Shoe unit, Cutter Laboratories, Foster Auto Supply and several other distributors. The area north of Sixth Avenue has the Stearns-Rogers Manufacturing Company and adjacent parking lot on Bannock Street, with the A. B. Hirschfeld Press and a large national drug firm and Hofmann Mortuary on the Acoma side. Denver General Hospital abuts Sixth Avenue on the Bannock Street side. The entire area sought to be acquired is now in residences. Attached hereto is a rough sketch showing the lot area and the ownership, with the assessed value of the land and improvements, as appears on the assessor's records in Denver.

The importance and urgency of acquiring this property at this time is because unless the intention of the of the State of Colorado to be interested in the acquisition of this land is clearly indicated, there is a strong possibility that some of the older residences will be purchased and new modern buildings erected on the land. This action undoubtedly would be forestalled if the intention of the State to acquire this property is clearly indicated by substantial acquisition at this time. The State has been very fortunate in the acquisition of the other property. The entire area, including the buildings, was purchased at a cost of \$250,000.00.

The area is ideal for the use. Sixth Avenue, Speer Boulevard and Broadway are major access streets and Bannock Street is partially an arterial street also. The area is particularly adaptable to the giving of drivers' road tests; there being both moderately and heavily traveled streets embraced within the test pattern.



No other similar area would provide a central location with such substantial access as this area.

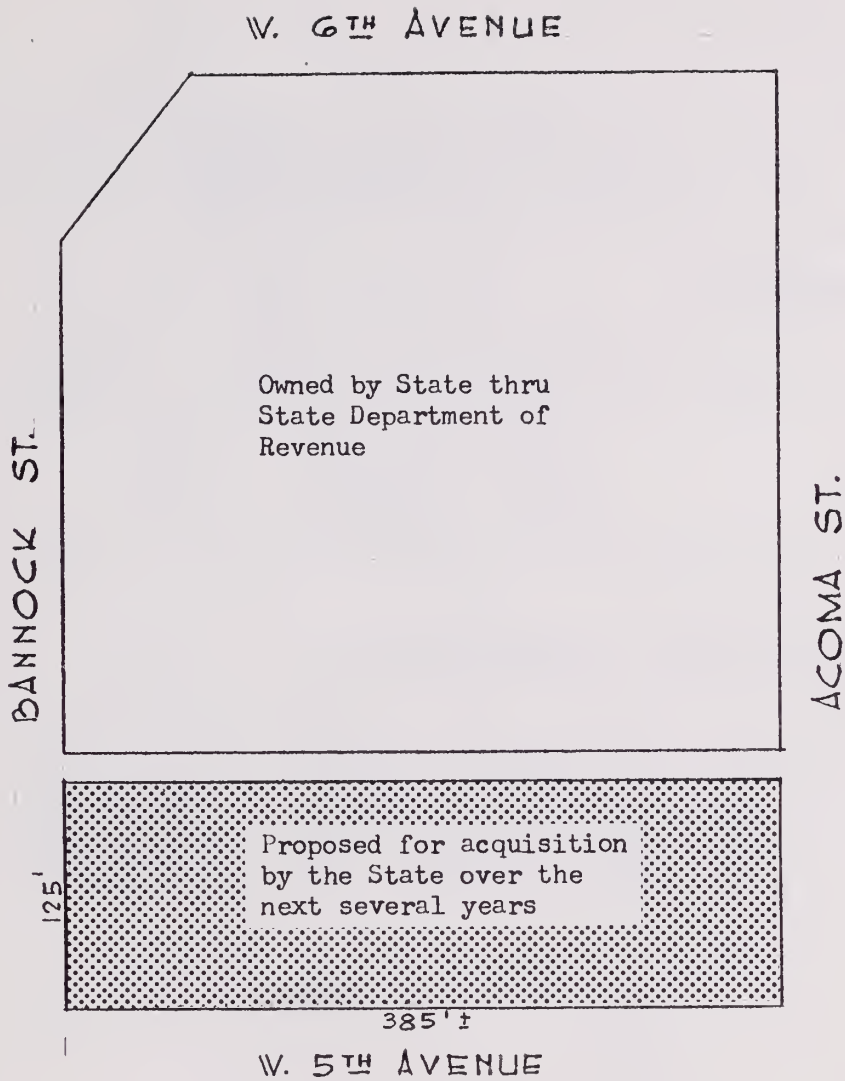
FINANCING:

The purchase price, which is estimated in the neighborhood of \$100,000.00 (and this is a rank estimate without benefit of appraisers. The appraisal could not be secured within the time for filing this request). The money would be secured from the excess of the administration costs allocated to the Revenue Department from all of the motor vehicle funds over and above that actually spent by the Department. For the current year this excess will be \$380,000.00 and therefore wholly adequate for the payment of the amount necessary to secure this land or a portion thereof.

STATE PLANNING DIVISION RECOMMENDATION

Since the State Revenue Department owns about three-fourths of the one-block area occupied by the Motor Vehicle Division, it is the recommendation of the State Planning Division that the remaining private property located in the block be acquired by the State Revenue Department when and as such units become available for purchase at or near the appraised value, the acquisition in each instance being subject to approval of the Governor and other State officials as required by law, after funds for this purpose have been appropriated by the General Assembly.





BLOCK 2, BAMBERGERS ADD. TO BROADWAY TERRACE

PP-140-60  
DEPARTMENT OF REVENUE  
MOTOR VEHICLE LAND ACQUISITION

AGENCY Colorado State Game & Fish Department

PROJECT Ted Off Reservoir

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on private land being purchased by the Game and Fish Department. The site is located approximately one mile west of Yampa, Colorado in Routt County.

PROJECT CONSTRUCTION

The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters from the Yampa River.

PROJECT COST

Estimated cost 80 acre reservoir  
at \$250 per surface acre ..... \$ 20,000.00

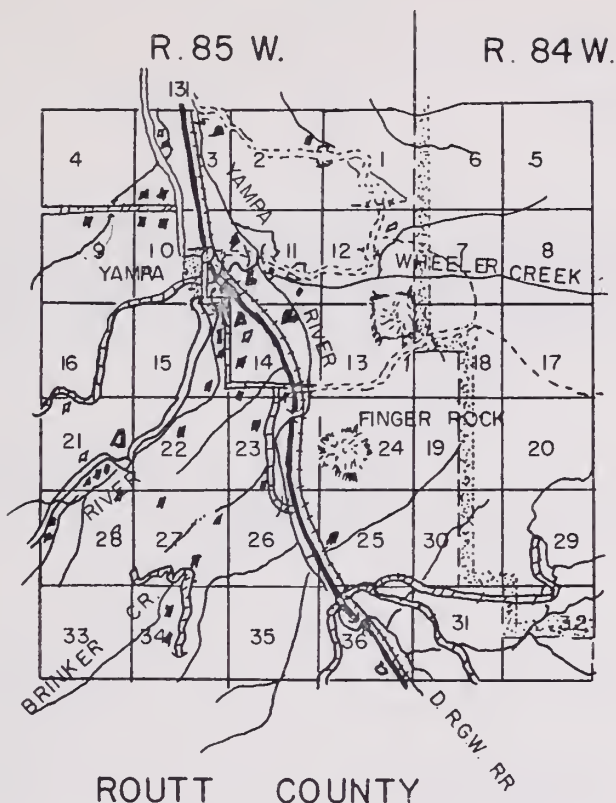
STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval. NOTE. All of the projects which appear on this page and following pages, totaling \$968,770.00, were prepared by the Engineering Section of the State Game and Fish Department and all projects have been approved by the State Game and Fish Commission. For these reasons the Advisory Board of the State Planning Division recommends these projects for approval for financing from Game and Fish Department Funds in the amounts requested.

These projects are numbered:

82-60	88-60	119-60	125-60
83-60	114-60	120-60	138-60
84-60	115-60	121-60	139-60
85-60	116-60	122-60	141-60
86-60	117-60	123-60	143-60
87-60	118-60	124-60	

VICINITY MAP



T. 2 N.  
ROUTT NATIONAL  
FOREST

ROUTT COUNTY

RESERVOIR	SITE	
MAXIMUM	HEIGHT	40 ft.
SURFACE	ACRES	80
ESTIMATED	COST	\$ 20,000.00

PP-82-60

**STATE OF COLORADO**  
GAME AND FISH DEPARTMENT

AGENCY Colorado State Game & Fish Department

PROJECT Ramah Dam Reservoir

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on private land being purchased by the Game and Fish Department. The site is located approximately one mile west of Ramah, Colo. in El Paso County.

PROJECT CONSTRUCTION

The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from the waters of Big Sandy Creek.

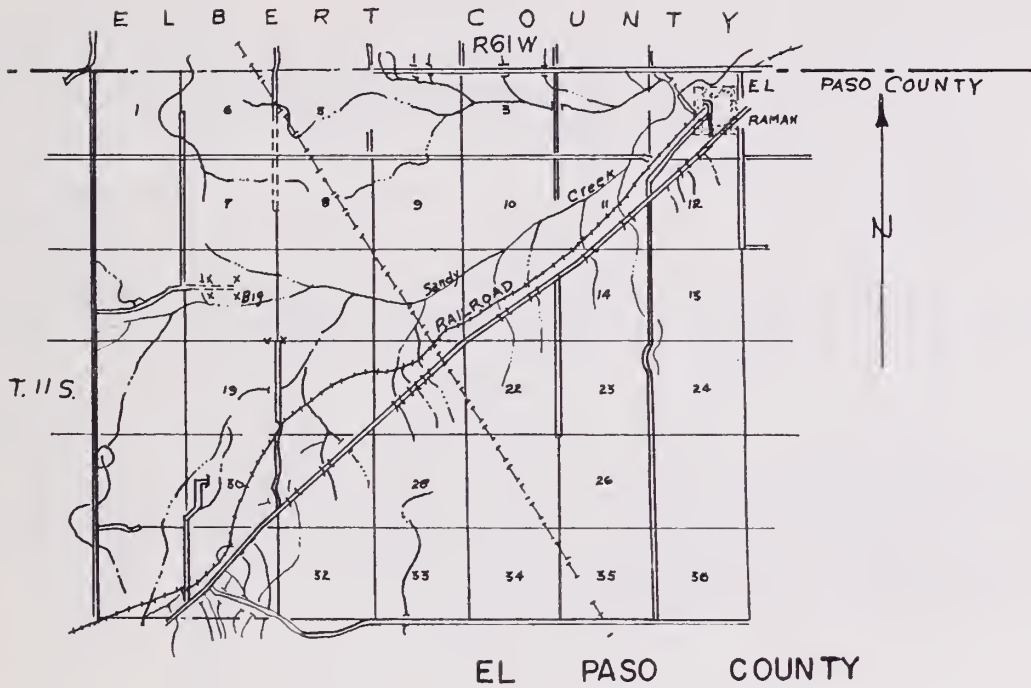
PROJECT COST

Estimated cost 85 acre reservoir  
at \$764.70 per surface acre ..... \$ 65,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$65,000.00. See PP-82-60.

# VICINITY MAP



Ramah Dam

Maximum Height 19 Ft.

Surface Acres 85

Estimated Cost \$ 25,000<sup>00</sup>

PP-83-60

**STATE OF COLORADO**  
GAME AND FISH DEPARTMENT



AGENCY Colorado State Game and Fish Department

PROJECT Lake John Addition

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on private land being purchased by the Game and Fish Department. The site is located approximately 9 miles west and 3 miles north of Walden, Colorado in Jackson County.

PROJECT CONSTRUCTION

The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters from the North Fork of the South Platte River.

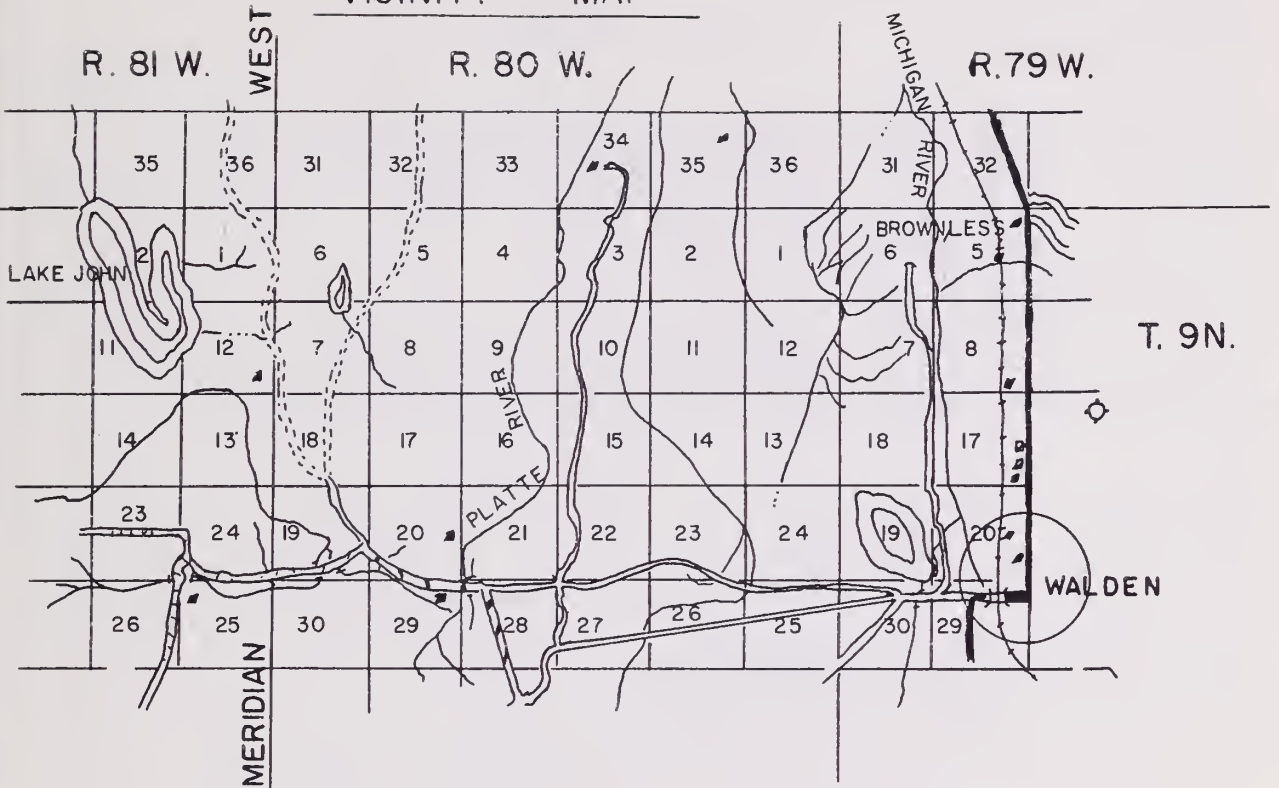
PROJECT COST

Estimated cost 800 acre reservoir	
at \$88 per surface acre .....	\$ 70,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$70,000.00.

VICINITY MAP



TENTH GUIDE

LAKE JOHN	ADDITION	
MAXIMUM	HEIGHT	30 ft.
SURFACE	ACRES	800
ESTIMATED	COST	\$ 70,000.00

PP. 84-60

**STATE OF COLORADO**  
**GAME AND FISH DEPARTMENT**

AGENCY Colorado State Game and Fish Department

PROJECT Dawson Creek Reservoir

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on private land being purchased by the Game and Fish Department. The site is located approximately 3 miles west and 2 miles north of Arriola, Colorado in Montezuma County.

PROJECT CONSTRUCTION

The installation consists of an earth-fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters from Dawson Draw.

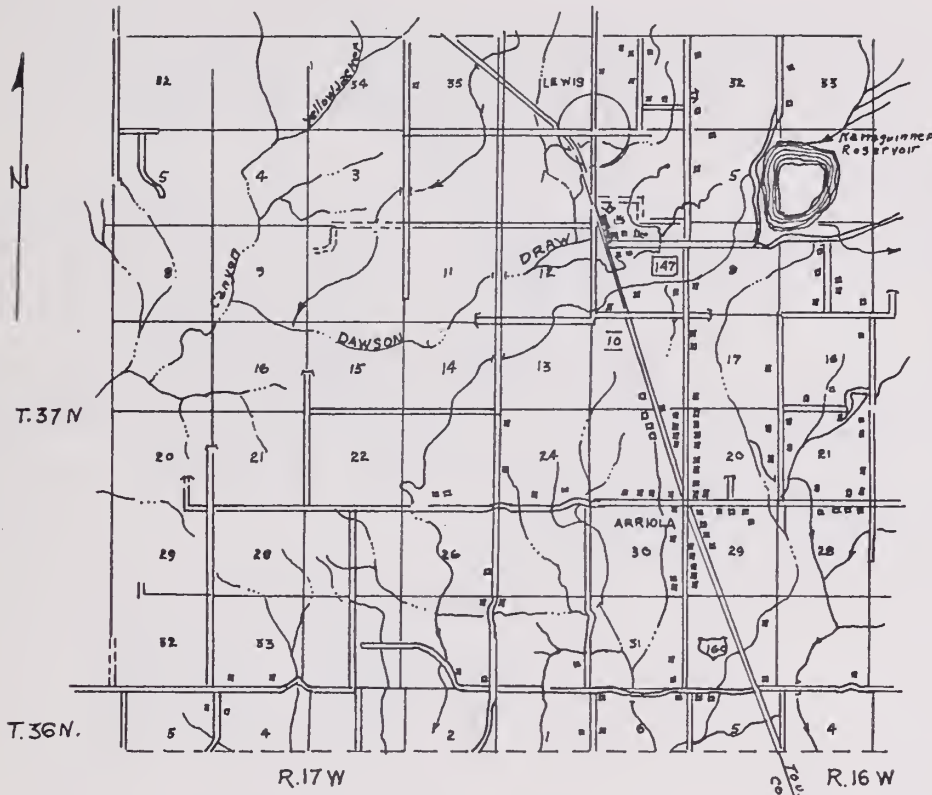
PROJECT COST

Estimated cost 205 acre reservoir	
at \$121 per surface acre .....	\$ 25,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$25,000.00.

VICINITY MAP



MONTEZUMA COUNTY

DAWSON CREEK DAM

MAXIMUM HEIGHT 25 ft.

SURFACE ACRES 205

ESTIMATED COST \$ 25,000<sup>00</sup>

PP-85-60

**STATE OF COLORADO**  
**GAME AND FISH DEPARTMENT**

AGENCY Colorado State Game and Fish Department

PROJECT Beaver Lake

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on private land being purchased by the Game and Fish Department. The site is located at Marble, Colorado in Gunnison County.

PROJECT CONSTRUCTION

The installation consists of an earth fill dam with rock face. The reservoir will be fed from waters from Beaver Creek.

PROJECT COST

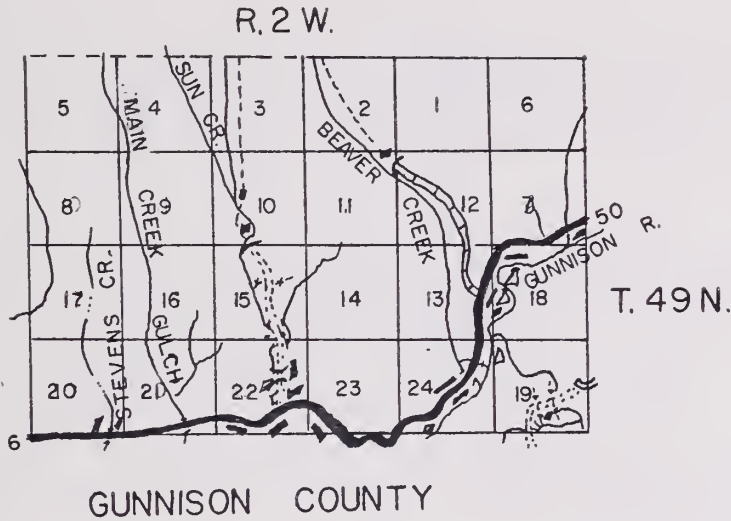
Estimated cost 50 acre reservoir	
at \$105 per surface acre .....	\$ 5,230.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$5,230.00.



VICINITY MAP



EAST BEAVER CREEK	#2
MAXIMUM HEIGHT	6'
SURFACE ACRES	50
ESTIMATED COST	\$ 5,23000

PP-86-60

**STATE OF COLORADO**  
**GAME AND FISH DEPARTMENT**

AGENCY Colorado State Game and Fish Department

PROJECT California Park Reservoir #2

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on lands in the Routt National Forest. The site is located approximately 22 miles north of Hayden, Colorado in Routt County.

PROJECT CONSTRUCTION

The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters from Elkhead Creek.

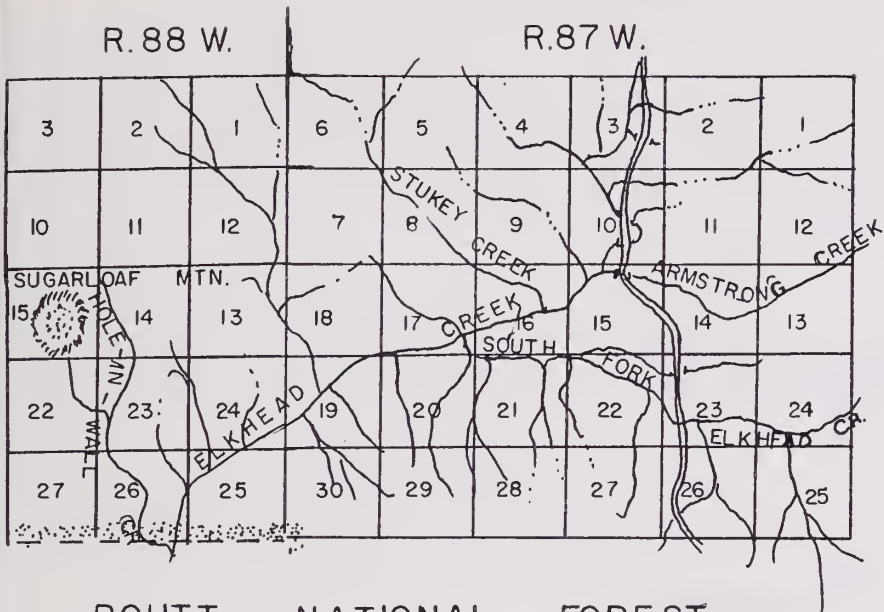
PROJECT COST

Estimated cost 360 acre reservoir  
at \$277 per surface acre ..... \$ 100,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$100,000.00.

VICINITY MAP



ROUTT NATIONAL FOREST  
ROUTT COUNTY

CALIFORNIA	PARK	# 2
MAXIMUM	HEIGHT	37'
SURFACE	ACRES	360
ESTIMATED	COST	\$100,000.00

PP- 87- 60

**STATE OF COLORADO**  
**GAME AND FISH DEPARTMENT**

AGENCY Colorado State Game and Fish Department

PROJECT Fish Creek Reservoir

PROJECT DESCRIPTION

The construction for this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on private land, being purchased by the Game and Fish Department. The site is located approximately eleven miles northwest of Oak Creek in Routt County, Colorado.

PROJECT CONSTRUCTION

The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters of Fish Creek.

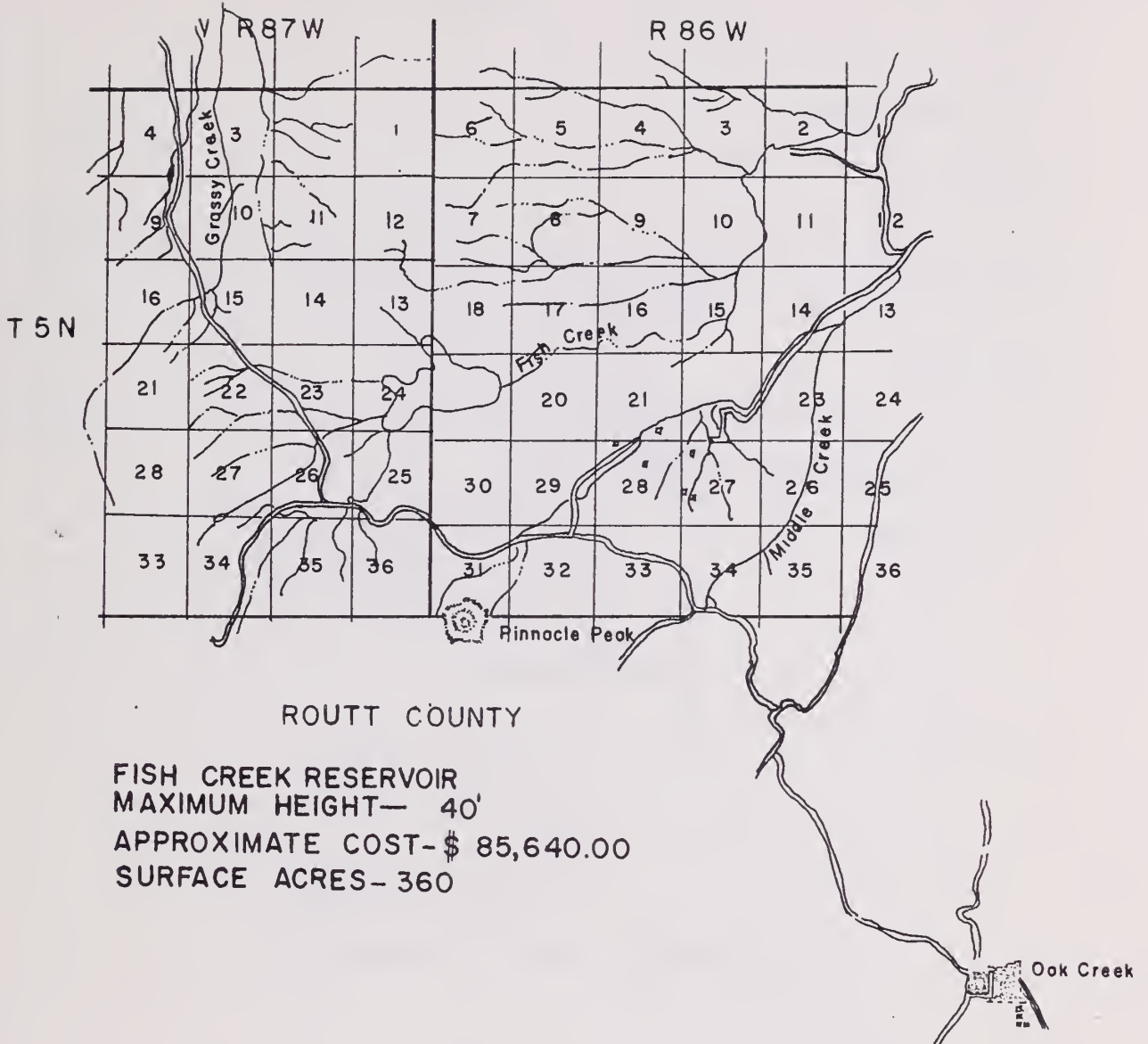
PROJECT COST

Estimated cost 360 acre reservoir  
at \$238 per surface acre..... \$ 85,640.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$85,640.00.

VICINITY MAP



FISH CREEK RESERVOIR  
 MAXIMUM HEIGHT— 40'  
 APPROXIMATE COST— \$ 85,640.00  
 SURFACE ACRES— 360

PP-88-60

**STATE OF COLORADO**  
**GAME AND FISH DEPARTMENT**



AGENCY Colorado State Game and Fish Department

PROJECT Purchase of Cory Trout Farm

PROJECT DESCRIPTION

The purchase of the Cory Trout Farm was approved by the Game and Fish Commission.

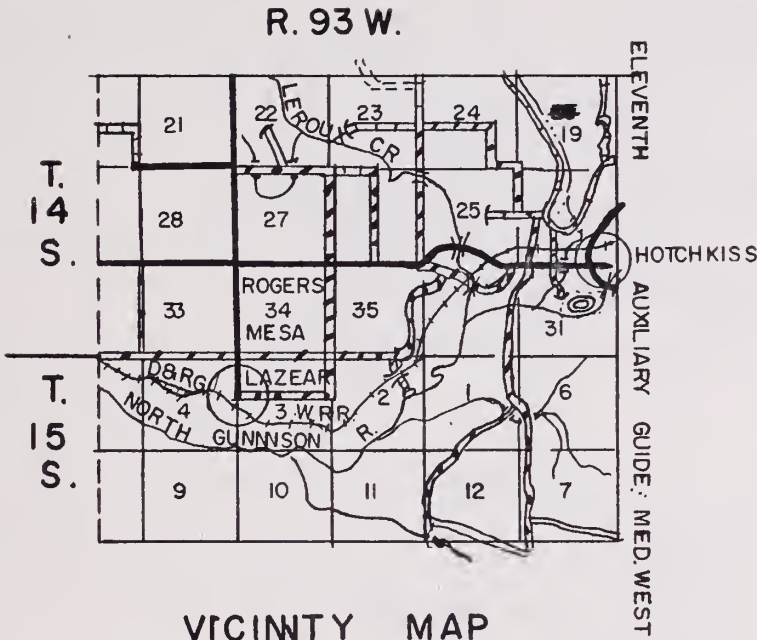
The Trout Farm will increase the output of the Chipeta Hatchery at Hotchkiss which is located above the Cory Trout Farm. These two units will be incorporated and run as one large unit.

PROJECT COST

Estimated cost of purchase..... \$ 45,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$45,000.00.



VICINITY MAP  
 DELTA COUNTY  
 PURCHASE OF CORY  
 TROUT FARM  
 ESTIMATED COST \$ 45,000.00

PP-114-60

**STATE OF COLORADO**  
GAME AND FISH DEPARTMENT

AGENCY Colorado State Game and Fish Department

PROJECT Twin Lakes Land Purchase

PROJECT DESCRIPTION

The purchase of this land was approved by the Game and Fish Commission.

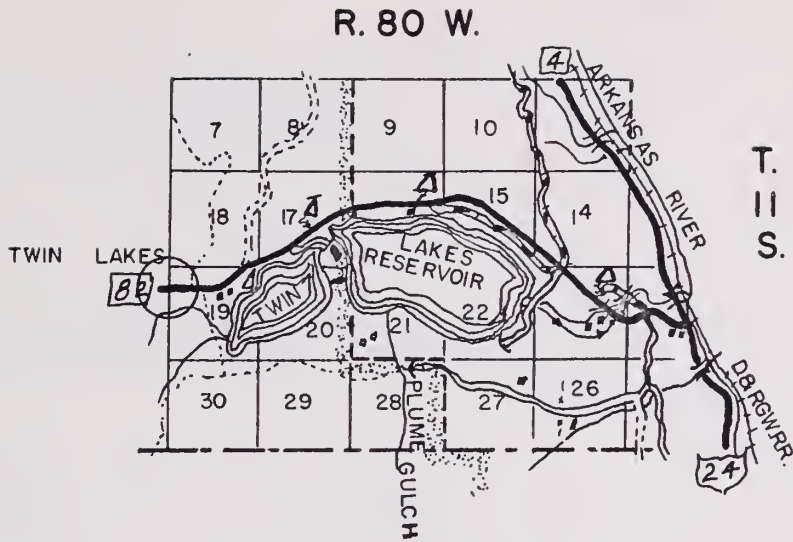
The land surrounding Twin Lakes is needed in order to provide access roads and camp ground facilities. At present, the camp grounds are too limited to take care of the sportsmen visiting this area.

PROJECT COST

Estimated cost of land ..... \$ 25,000.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$25,000.00.



VICINITY MAP

LAKE COUNTY

ESTIMATED COST \$ 25,000.00

LAND PURCHASE

PP-115-60

**STATE OF COLORADO**  
GAME AND FISH DEPARTMENT

AGENCY Colorado State Game and Fish Department

PROJECT Porter Creek Reservoir

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on private land being purchased by the Game and Fish Department. The site is located approximately 25 miles north of Briggsdale, Colorado in Weld County.

PROJECT CONSTRUCTION

The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters from the North Platte River.

PROJECT COST

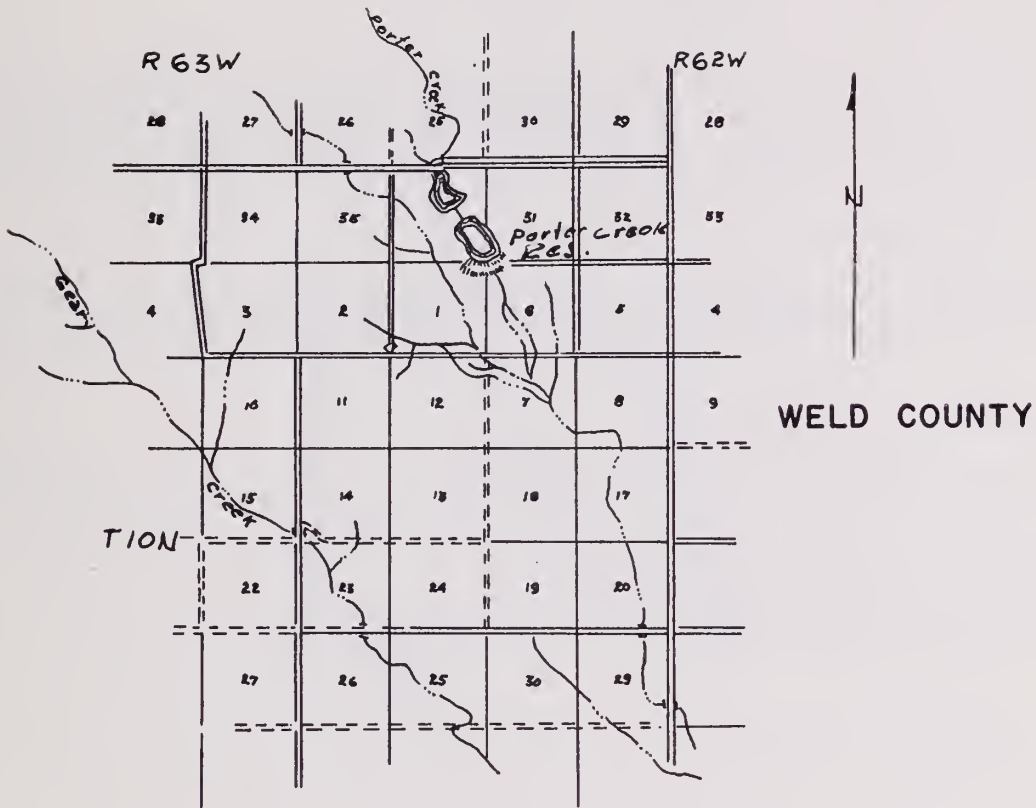
Estimated cost 40-acre reservoir	
at \$625.00 per surface acre .....	\$25,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$25,000.00.



# VICINITY MAP



PORTER CREEK DAM  
MAXIMUM HEIGHT 20 ft.  
SURFACE ACRES 40  
ESTIMATED COST \$ 25,000.00

PP-116-60  
**STATE OF COLORADO**  
GAME AND FISH DEPARTMENT

AGENCY Colorado State Game and Fish Department

PROJECT Yeoman Park Reservoir

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on lands in the White River National Forest. The site is located approximately 16 miles southeast of Eagle, Colorado in Eagle County.

PROJECT CONSTRUCTION

The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters from East Brush Creek.

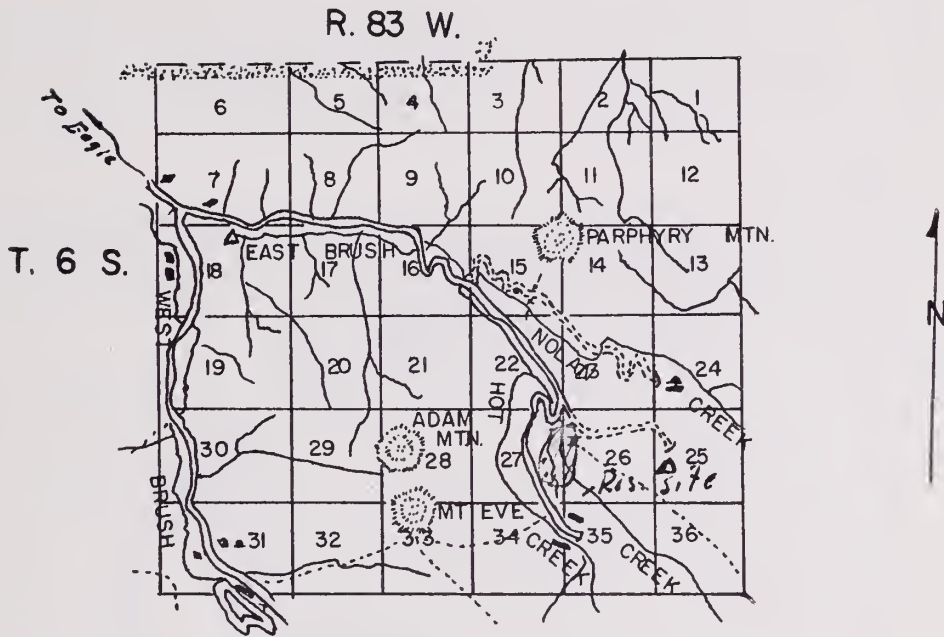
PROJECT COST

Estimated cost 80 acre reservoir  
at \$600.00 per surface acre ..... \$ 48,300.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$48,300.00.

VICINITY MAP



WHITE RIVER NATIONAL FOREST

EAGLE COUNTY

YEOMAN PARK

MAXIMUM	HEIGHT	35
SURFACE	ACRES	80
ESTIMATED	COST	\$ 48,300.00

PP-117-60

**STATE OF COLORADO**  
**GAME AND FISH DEPARTMENT**

AGENCY Colorado State Game and Fish Department

PROJECT Snowdon Creek Lake

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The lake will be used for fish culture and recreational purposes. The project is located on land in the San Juan National Forest. The site is located south of Silverton, Colorado, and one mile West of Molas Pass.

PROJECT CONSTRUCTION

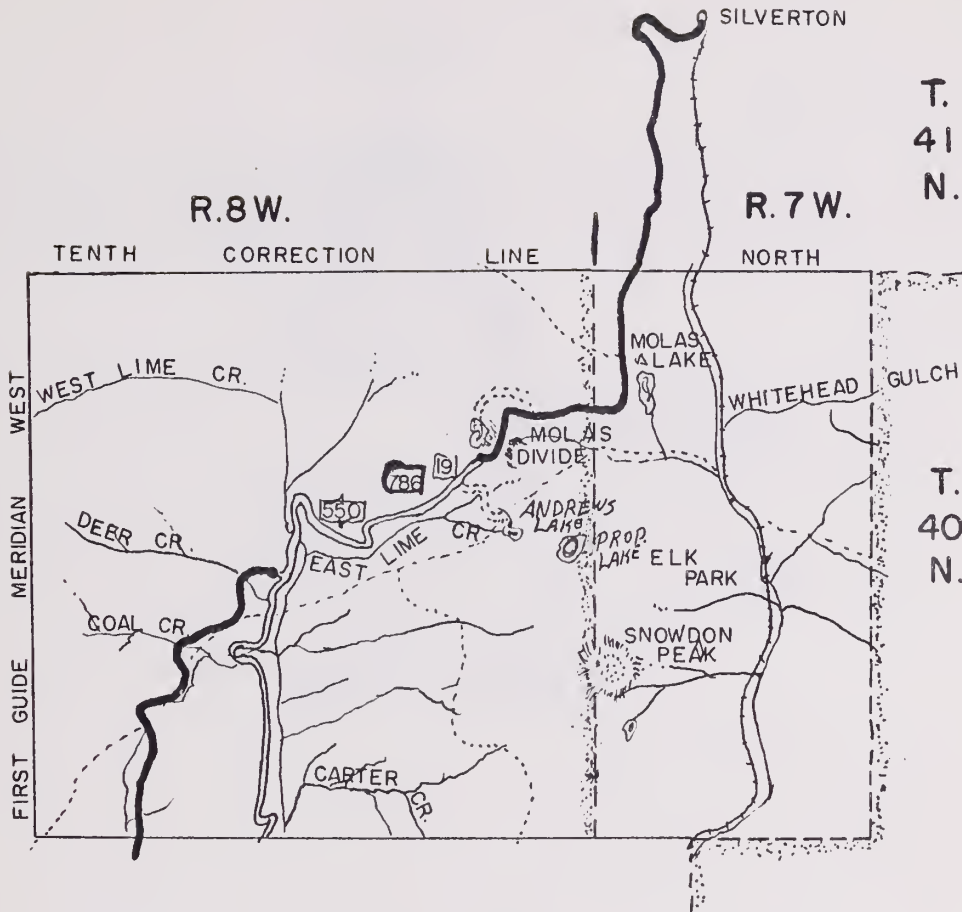
Construction will consist of plugging an outlet where the water goes underground, constructing a small dam and spillway with a diversion ditch to dump the water in at the upper end of Andrews Lake. It is believed this will prevent further winter kills in Andrews Lake.

PROJECT COST

Estimated cost 40-acre lake  
at \$625.00 per surface acre ..... \$ 25,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$25,000.00.



VICINITY	MAP	
SAN JUAN	COUNTY	
SNOWDON	PASS	
MAXIMUM	HEIGHT	50'
SURFACE	ACRES	40
ESTIMATED	COST	\$ 25,000.00

PP-118-60

**STATE OF COLORADO**  
**GAME AND FISH DEPARTMENT**



AGENCY Colorado State Game and Fish Department

PROJECT Las Animas Rearing Station Repairs

PROJECT DESCRIPTION

The repairs to the Las Animas Unit have been approved by the Game and Fish Commission. The repairs consist of installing 1000 feet of 14" pipe and repairing 9 ponds. These repairs are needed because the existing ponds are seeping to the extent that the embankment is sloughing into the raceways.

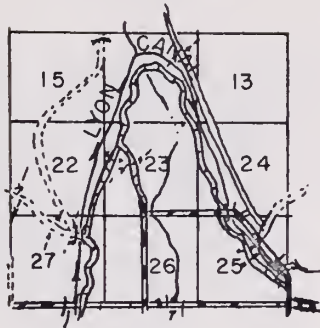
PROJECT COST

The estimated cost of repairs is ..... \$ 18,500.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$18,500.00.

R. 83 W.



T  
22  
S.

5 Miles to  
LAS ANIMAS

VICINITY MAP  
BENT COUNTY

ESTIMATED COST \$ 18,500.00

LAS ANIMAS REARING  
STATION REPAIRS

PP-119-60

**STATE OF COLORADO**  
GAME AND FISH DEPARTMENT

AGENCY Colorado State Game and Fish Department

PROJECT Walden Lake Enlargement

PROJECT DESCRIPTION

The construction of this Project was approved by the Game and Fish Department. The reservoir is presently being used for fish culture and recreational purposes. Additional height is required on the present dam to prevent winter kill. The Project is located near Walden, Colorado.

PROJECT CONSTRUCTION

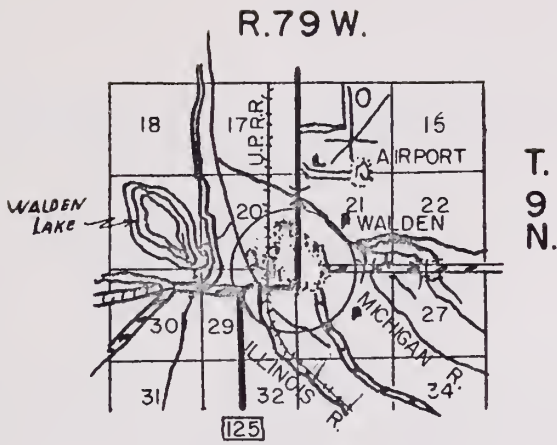
The installation consists of enlarging the earth fill dam with rock face.

PROJECT COST

Estimated Cost ..... \$ 20,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$20,000.00.



VICINITY MAP

JACKSON COUNTY

WALDEN LAKE ENLARGEMENT

ESTIMATED COST \$ 20,000.00

PP-120-60

**STATE OF COLORADO**  
GAME AND FISH DEPARTMENT

AGENCY Colorado State Game and Fish Department

PROJECT Chalk Cliffs Diversion Structure and Pipe Line

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The diversion structure and pipe line will be used to supply water to the Chalk Cliffs Rearing Ponds.

PROJECT CONSTRUCTION

The installation consists of a concrete diversion structure and approximately 800 feet of pipe.

At present the ditch which leads to the Chalk Cliffs Rearing Ponds is badly eroded and washing out. The river rock, which are piled up at the mouth of the ditch to act as an inlet diversion structure, are very unsatisfactory and it is impossible to keep them in place.

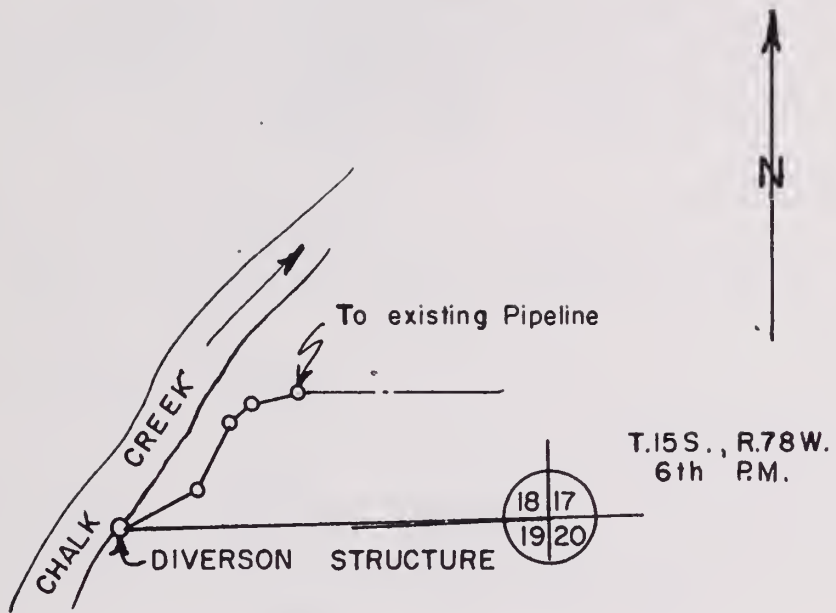
PROJECT COST

Estimated cost ..... \$ 20,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$20,000.00.





**CHAFFEE COUNTY**

**CHALK CLIFFS DIVERSION STRUCTURE  
and PIPELINE**

MAXIMUM LENGTH	800'	14" C.M.P.
ESTIMATED COST	\$ 20,000.00	

PP-121-60

**STATE OF COLORADO**  
**GAME AND FISH DEPARTMENT**

AGENCY Colorado State Game and Fish Department

PROJECT Calamity Draw Reservoir

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on private land being purchased by the Game and Fish Department. The site is located approximately two miles west of Nucla, Colorado in Montrose County.

PROJECT CONSTRUCTION

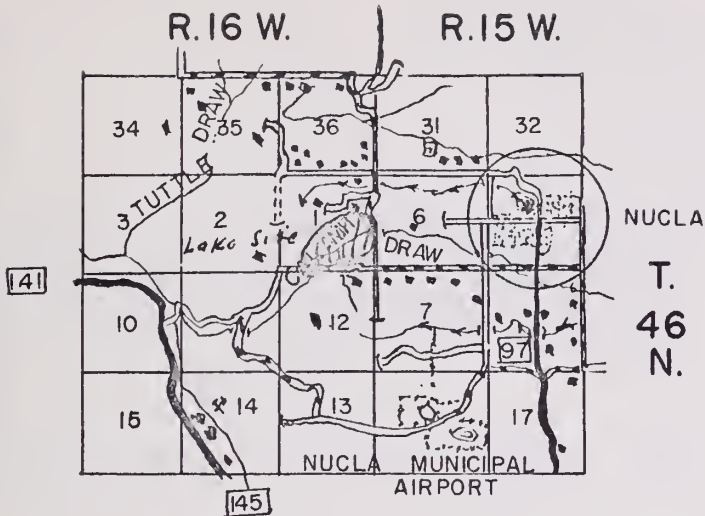
The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters from Calamity Draw.

PROJECT COST

Estimated cost 100-acre reservoir  
@ \$470.00 per surface acre ..... \$ 47,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$47,000.00.



VICINITY MAP  
MONTROSE COUNTY

CALAMITY DRAW	
MAXIMUM HEIGHT	32'
SURFACE ACRES	100
ESTIMATED COST	\$ 47,000.00

PP-122-60.

**STATE OF COLORADO**  
GAME AND FISH DEPARTMENT

AGENCY Colorado State Game and Fish Department

PROJECT Upper Stillwater Reservoir

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on lands in the White River National Forest. The site is located approximately 13 miles southwest of Yampa, Colorado in Garfield County.

PROJECT CONSTRUCTION

The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters from Bear Creek.

PROJECT COST

Estimated cost 100-acre reservoir	
@ \$300.00 per surface acre .....	\$ 30,000.00

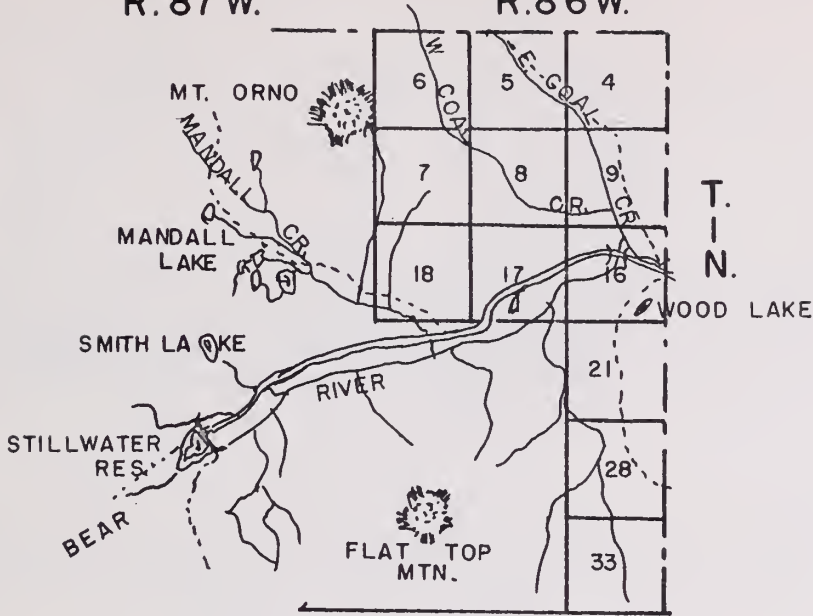
STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$30,000.00.

RIO BLANCO COUNTY

R. 87 W.

R. 86 W.



WHITE RIVER NATIONAL FOREST

VICINITY MAP  
GARFIELD COUNTY

UPPER STILLWATER		
MAXIMUM HEIGHT	25'	
SURFACE ACRES	100	
ESTIMATED COST	\$ 30,000.00	

PP-123-60

**STATE OF COLORADO**  
GAME AND FISH DEPARTMENT



AGENCY Colorado State Game and Fish Department

PROJECT Upper Piedra

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on land in the San Juan National Forest. The site is located approximately 6 miles east of Williams Creek Reservoir, in Hinsdale County.

PROJECT CONSTRUCTION

The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters from Middle Fork Piedra.

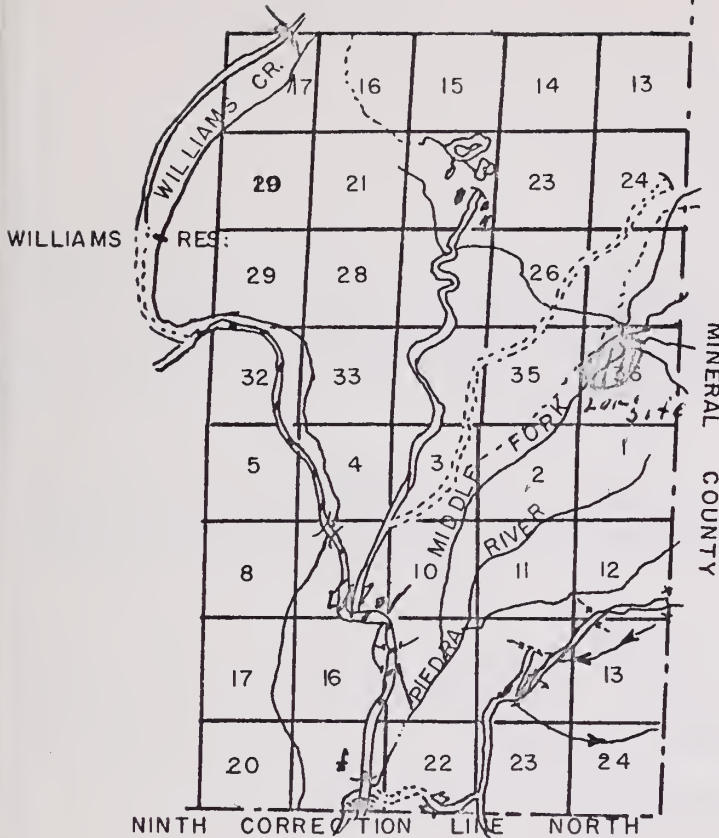
PROJECT COST

Estimated cost 100-acre reservoir  
@ \$947.00 per surface acre ..... \$ 94,700.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$94,700.00.

R. 3 W.



T.  
38  
N.

MINERAL COUNTY

T.  
37  
N.

ARCHULETA COUNTY

SAN JUAN NATIONAL FOREST

VICINITY MAP

HINSDALE COUNTY  
 UPPER PIEDRA RESERVOIR  
 MAXIMUM HEIGHT 85'  
 SURFACE ACRES 100  
 ESTIMATED COST \$ 94,700.00

PP-124-60

STATE OF COLORADO  
 GAME AND FISH DEPARTMENT

AGENCY Colorado State Game and Fish Department

PROJECT Taylor Park Reservoir

PROJECT DESCRIPTION

The construction of this project was approved by the Game and Fish Department. The reservoir will be used for fish culture and recreational purposes. The project is located on lands in the Gunnison National Forest. The site is located approximately 7 miles north of Taylor Park Reservoir in Gunnison County.

PROJECT CONSTRUCTION

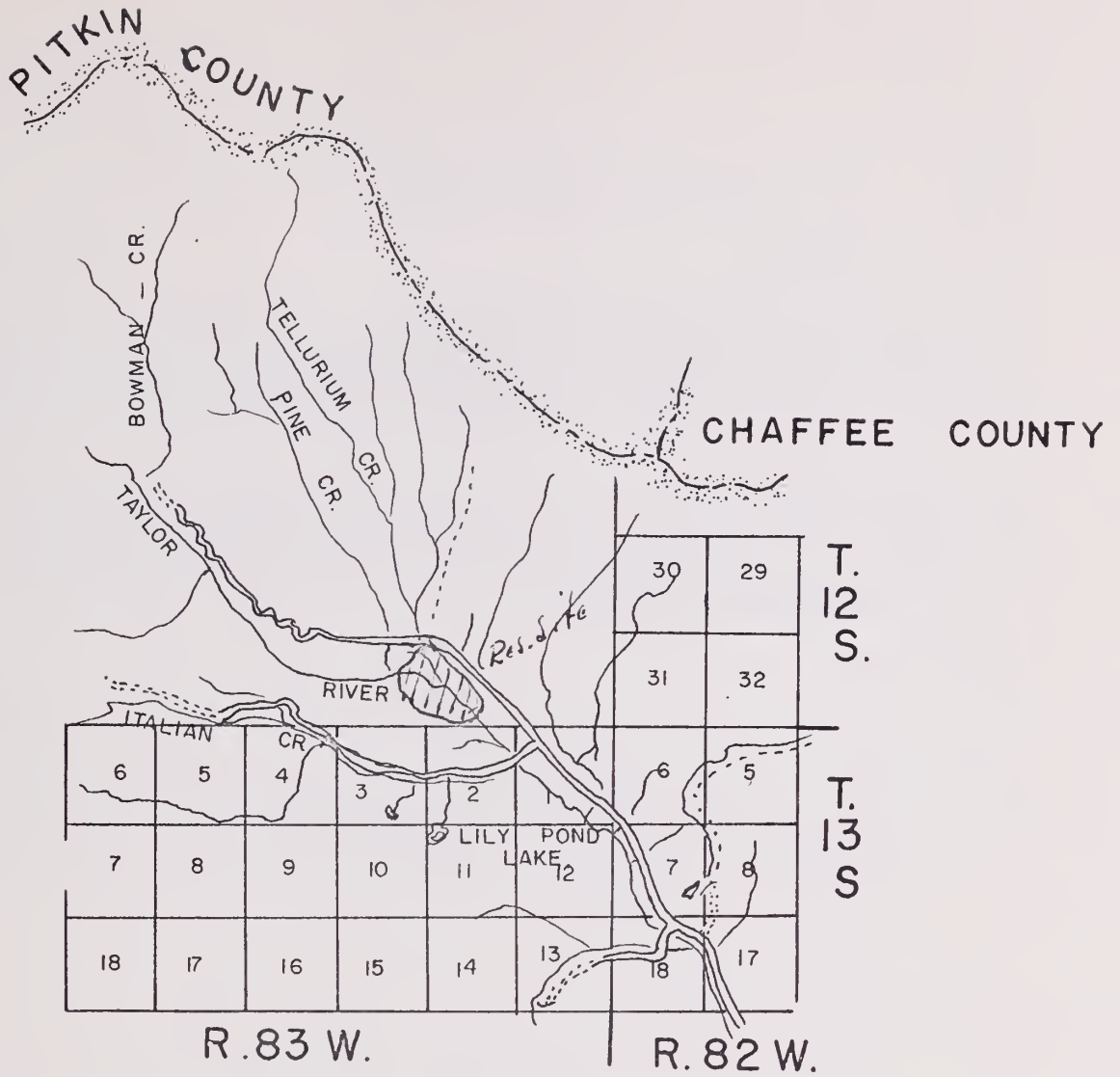
The installation consists of an earth fill dam with rock face, concrete spillway and outlet tube. The reservoir will be fed from waters from Taylor River.

PROJECT COST

Estimated cost 500-acre reservoir  
@ \$260.00 per surface acre..... \$ 130,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$130,000.00.



VICINITY MAP  
GUNNISON COUNTY

TAYLOR PARK  
 MAXIMUM HEIGHT 70'  
 SURFACE ACRES 500  
 ESTIMATED COST \$ 130,000.00

PP-125-60

**STATE OF COLORADO**  
 GAME AND FISH DEPARTMENT

AGENCY Colorado State Game and Fish Department

PROJECT Rifle Hatchery and Rearing Station

PROJECT DESCRIPTION

Three acres of land with two bedroom house, old power house, waterfalls, and excellent shaded picnic area. East Rifle Creek flows through this property and there are several places where picnic tables and fireplaces could be located, making an excellent recreation area on the bank of a nice trout stream.

Additional housing facilities are needed at this unit and this house would be quite satisfactory as this property adjoins Game and Fish property on the lower end. Should there be expansion of this unit by building additional raceways on the lower meadow, this would give control of the access from the lower end which would be desirable.

PROJECT COST

Contract Price ..... \$ 10,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$10,000.00.



AGENCY Colorado State Game and Fish Department

PROJECT Two Buttes Reservoir

PROJECT DESCRIPTION

This land acquisition is part of a long range program for the management of the Two Buttes Area which provides the best Goose shooting in the Rocky Mountain Region. It is estimated that there will be over 30 thousand Canadian Geese on this reservoir by the end of the season. This is also a good trout fishing reservoir, which is unusual for this portion of the State.

This land acquisition of approximately 320 acres of land controls part of the shoreline for fishing and also lies adjacent to our shooting area some of which lies between our Blinds and the reservoir. By owning this property, we will be able to manage the area better and control the traffic during the waterfowl season.

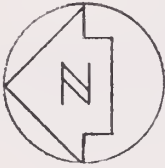
PROJECT COST

Contract Price ..... \$ 6,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$6,000.00.

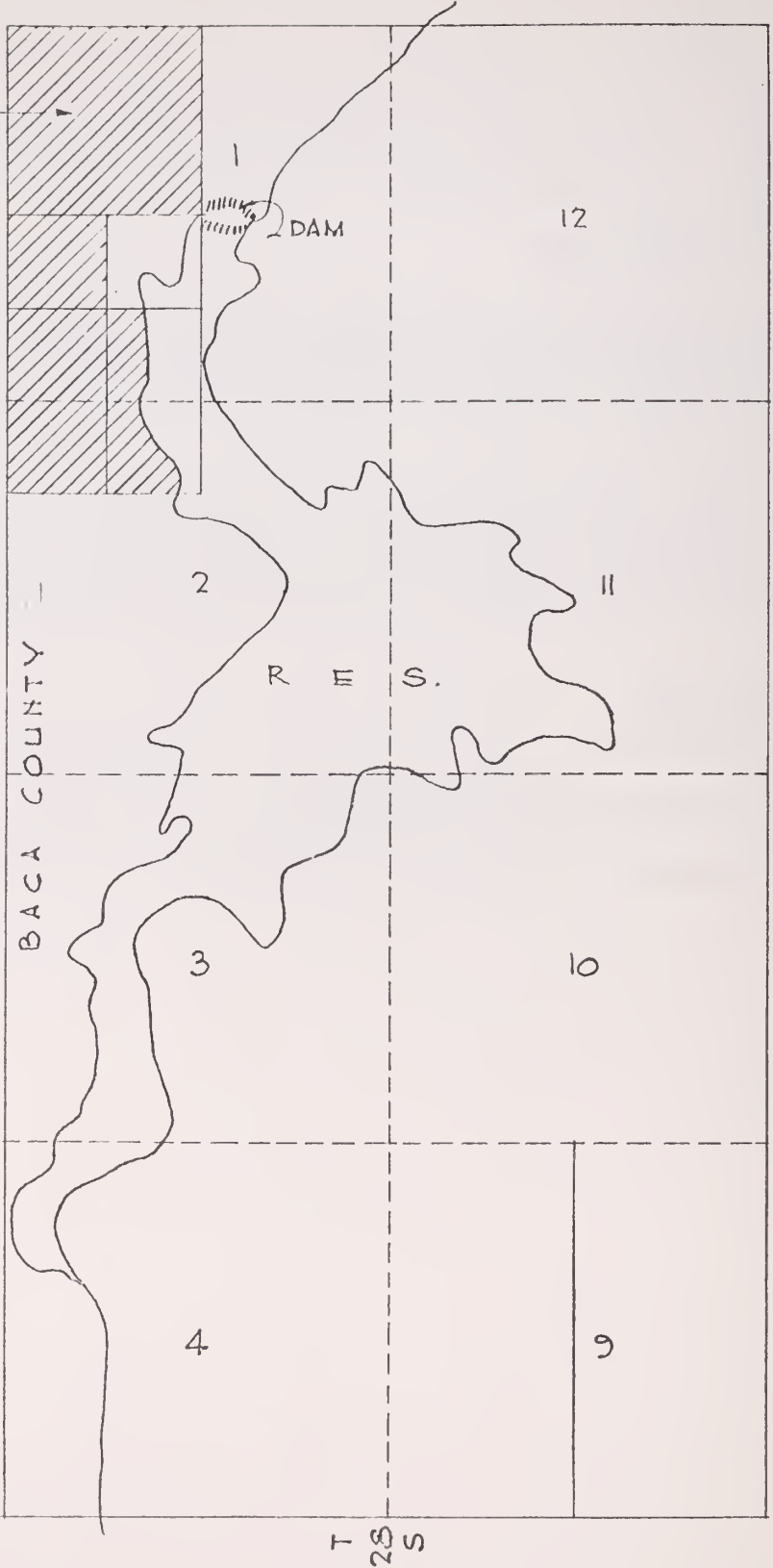
R.C. BEST PROPERTY



School Section

PROWERS COUNTY

G. & F. Land



LAND MANAGEMENT AREA PROJECT 44-L  
 BACA COUNTY, COLORADO  
 SIXTH PRINCIPAL MERIDIAN  
 Scale 2 in. = 1 mile

PP-139-60

**STATE OF COLORADO**  
**GAME AND FISH DEPARTMENT**

AGENCY Colorado Game and Fish Department

PROJECT Beaver Lake and Crystal River Easement

PROJECT DESCRIPTION

The purchase of 45.803 acres of land, together with Beaver Lake with a surface of 23 acres and an easement 20 feet each side of the Crystal River together with water rights and ditch rights.

PROJECT COST

Contract Price ..... \$ 23,400.00

NEED

To provide more public fishing and recreation in the area.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$23,400.00.

AGENCY Colorado State Game and Fish Department

PROJECT Spring Creek Reservoir Dam

PROJECT DESCRIPTION AND COST

Original Project Application for this project was approved 6/2/60 for the construction of a 40 acre lake at a cost of \$1,000 per surface acre.

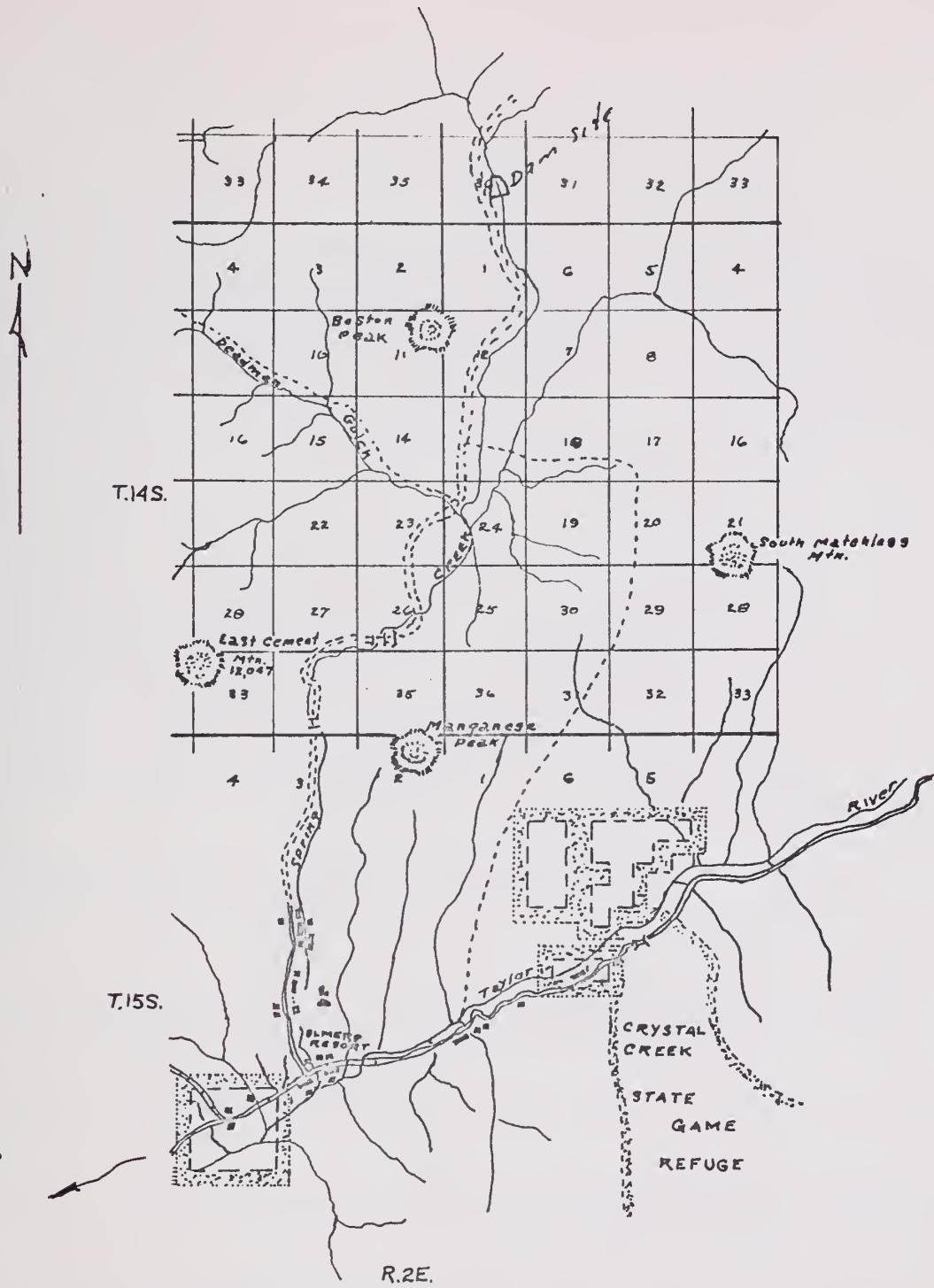
Since that time field surveys have been completed which indicate that an 88.6 surface acre lake can be constructed at a cost of \$790.00 per surface acre.

The Gunnison National Forest has budgeted for an access road into the area and are planning camp sites and recreational facilities.

For these reasons, it is requested that an additional \$30,000.00 be allotted to the present \$40,000.00 making a total of \$70,000.00 available for the construction of the 88.6 surface acre impoundment.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval.



SPRING CREEK RESERVOIR

PP-143-60

STATE OF COLORADO  
GAME AND FISH DEPARTMENT

INSTITUTION OR AGENCY Colorado State Game and Fish DepartmentPROJECT Miscellaneous Small Projects

1.	Small isolated tracts of land. To cover cost of access roads that are encountered during the business year, but normally can not be anticipated at budget time. . . . .	\$ 15,000.00
2.	Purchase of approximately 10 - 12 acres including 7 shares of water adjacent to present hatchery at Bellvue. . . . .	6,000.00
3.	Purchase of 200 acres of land for enlarging upper Brown's Lake. . . . .	10,000.00
4.	Blacktop and gravel new building parking lot at Wildlife Research Laboratory at Ft. Collins. . . . .	5,000.00
5.	Repairs - Lake John . . . . .	1,500.00
6.	Access Road - Lake John . . . . .	4,000.00
7.	Blacktop and grade - Idaho Springs Check Station . . . . .	6,000.00
8.	Access road to Seaman Reservoir . . . . .	2,000.00
9.	Boat Ramp - Boyd - Equalizer . . . . .	3,000.00
10.	Boat Ramp - Jackson Lake . . . . .	3,000.00
11.	Boat Ramp - N. Sterling Reservoir . . . . .	4,000.00
12.	Boat Ramp - Jumbo Reservoir . . . . .	4,000.00
13.	Boat Ramp - Prewitt Reservoir . . . . .	1,000.00
14.	Access Road - Colorado State Forest . . . . .	1,000.00
15.	Improve land - Bellview Hatchery . . . . .	4,000.00
16.	Repair and Improve Raceways - Denver . . . . .	4,000.00
17.	Settling Basin - Crystal River Unit . . . . .	3,500.00
18.	Boat Ramp - Upper Twin Lakes . . . . .	2,500.00
19.	Boat Ramp - Setchfield Lake . . . . .	2,500.00
20.	Boat Ramp - Turquoise Lake . . . . .	2,500.00
21.	Duck Nesting Ponds - Seggo Springs . . . . .	800.00
22.	General Improvements - Fish Creek Management Area . . . . .	2,000.00
23.	Improvements - Twenty Streams . . . . .	3,000.00
24.	Fence - Williams Creek Lake . . . . .	1,000.00
25.	Cattleguard and Sign - Bauer Lake . . . . .	400.00
26.	Fence and Sign - Hartman Draw Reservoir . . . . .	900.00
27.	Fence and Sign - Spring Creek Reservoir . . . . .	2,200.00
28.	Access Road - N. Sterling Reservoir . . . . .	1,000.00
29.	Access Road - Jumbo Reservoir . . . . .	1,000.00
30.	Metal Prefab Storage Building . . . . .	6,000.00
31.	Bel-Aire Hatchery . . . . .	5,000.00
32.	Check Station - Del Norte . . . . .	3,000.00
33.	Boat House - La Jara Reservoir . . . . .	1,000.00
34.	Check Station - Idaho Springs . . . . .	8,000.00
35.	Remodel Annex - Denver Hatchery . . . . .	750.00
36.	Equipment - Wildlife Research Laboratory - Fort Collins . . . . .	23,883.00
37.	Insulate Hanger - Grand Junction . . . . .	1,200.00
38.	Change Heating System - Poudre Hatchery . . . . .	2,000.00
39.	Bel-Aire Hatchery - 400' Gravel for Raceway . . . . .	3,500.00
40.	S. E. Regional Office - Additional Storage . . . . .	5,000.00
41.	Chipita Hatchery - Remodel Houses . . . . .	1,000.00
42.	Dolores Hatchery - Remodel Houses . . . . .	1,000.00
43.	Durango Hatchery - Remodel Houses . . . . .	1,000.00

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 \$159,133.00



AGENCY State Park and Recreation Board

PROJECT Cherry Creek State Recreation Area

PROJECT DESCRIPTION

Additional phase of development of recreational facilities for use by the General Public. Previous phases have provided quarters for Reformatory personnel and inmates, boat control facilities, ski-beach development, park workshop and garage, etc. The Corps of Engineers constructed under a \$46,000 contract, the first section of Main Park Road. The authorized increase of the of the conservation pool from 10,000 to 15,000 acre feet provide a much better water body, although it necessitated trebling the amount of earthwork for the public landing.

PROJECT COST

Metal Bathhouse and Bathing Beach Fence .....	\$ 12,000.00
Metal Toilet Building at Ski-Beach .....	10,000.00
Sewage Disposal System .....	6,000.00
Water Line Extension to Camp Ground .....	3,000.00
Camp Ground Site Development .....	2,000.00
Camp Ground Facilities .....	4,000.00
Power Line to Camp Ground .....	1,000.00
Additional picnic Ground Facilities .....	2,000.00
Motor Maintainer .....	6,000.00
	<hr/>
	\$ 46,000.00
Salaries and PERA .....	17,300.00
Operating Expense and Travel .....	5,700.00
	<hr/>
	\$ 69,000.00

Internal Improvement Income Fund, supplemented by appropriations from the from the Capital Construction Fund.

\$23,000.00 would be transferred from this total allotment to the Park Project Overhead Fund.

The major portion of these projects will be accomplished by inmates from the Reformatory operating from permanent quarters already completed by the previous project.

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the total amount of \$265,000.00 requested for a State-wide program involving seven (7) recreation areas and a land acquisition program for recreation purposes be approved for financing. The recommendation is based on the information that approximately \$125,000.00 of cash funds are available from the State Internal Improvement Fund, leaving approximately \$100,000.00 that would be required from the Capital Construction Fund.

AGENCY State Park and Recreation Board

PROJECT Vega Reservoir State Recreation Area

PROJECT DESCRIPTION

Additional development of recreational facilities to meet increase in basic needs of the general public.

The Bureau of Reclamation expended \$25,000.00 for roads, a well and picnic parking areas. The current project will provide picnic ground facilities by the Honor Road Camp located at Sweitzer Lake. Continuation of the project will provide a camp ground development with water supply and a combination toilet and kitchen shelter.

PROJECT COST

Materials and limited control services for:

Gravity water system to camp ground .....	\$ 2,000.00
Camp ground combination building .....	3,000.00
Camp ground facilities .....	1,000.00
	<hr/>
	\$ 6,000.00
Salaries & P.E.R.A. ....	2,250.00
Operating expense and travel .....	750.00
	<hr/>
	\$ 9,000.00

Internal Improvement Income Fund supplemented by appropriation from the Capital Construction Fund.

\$3,000.00 would be transferred from the above total project cost to the Park Project operating fund.

The main portion of this development will be accomplished by the Honor Road Camp following completion of the projects at Sweitzer Lake.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$9,000.00. See PP-74-60.

AGENCY State Park and Recreation Area

PROJECT State Wayside Development

PROJECT DESCRIPTION

Additional Wayside developments by the Reformatory Honor Work Camp, upon completion of the current project at Sweitzer Lake and Vega State Recreation Areas.

Waysides developed during 1960-1961 include Eads, Towner, Cheyenne Wells, Cope and a partial development at Fort Namaqua.

Waysides being considered for development during the 1961-1962 fiscal year include Mancos, Silverton, Leadville, Basalt on the West Slope and completion of Fort Namaqua and Empire Reservoir on the East Slope.

PROJECT COST

Project Materials, Well drilling and limited contractual services...	\$ 15,000.00
Salaries and P.E.R.A. ....	7,500.00
	<u>22,500.00</u>
	\$ 22,500.00

Internal Improvement Income Fund, supplemented by appropriations from the Capital Construction Fund.

\$7,500.00 would be transferred from the above total project cost to the Park Project Overhead Fund.

The major portion of these projects will be accomplished by an Honor Road Camp, using Reformatory inmates.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$22,500.00. See PP-74-60.

AGENCY State Park and Recreation Board

PROJECT Sweitzer Lake State Recreation Area

PROJECT DESCRIPTION

Additional phases of development of recreation facilities for use by the general public. The first phase now underway by an Honor Work Camp from the Reformatory will have provided a water system operations headquarters, concession building, power line, grading and toilets at the boat landing, also, some picnic facilities.

The second phase will expand the facilities at the boat landing and on the south shore of the lake, primarily for day use activities.

PROJECT COST

(By units, for materials and contractual services)

Concrete Boat Ramps .....	\$ 3,000.00
Parking Areas and Barrier Blocks .....	2,500.00
Roadway around lakeshore .....	7,000.00
Pit toilets--south area .....	1,000.00
Water line extension to south area .....	4,000.00
Sewage disposal system--west area .....	4,500.00
Landscaping and Bathing beach development .....	4,000.00
Picnic shelters and facilities .....	4,000.00
	<hr/>
	\$ 30,000.00
P.E.R.A. ....	15,000.00
	<hr/>
	\$ 45,000.00

Internal Improvement Income Fund, supplemented by appropriations from the Capital Improvement Income Fund.

\$15,000.00 would be transferred from the above total project cost to the Park Project Overhead Fund.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$45,000.00. See PP-74-60.

AGENCY State Park and Recreation Board

PROJECT State Park in Gilpin County

PROJECT DESCRIPTION

This area is the first State-owned State Park in Colorado. The State has entered into a deferred purchase control to acquire 680 acres over a four year period. Two hundred acres are now owned in fee simple title and the remainder is covered by a lease-option arrangement. A 640 acre school section contiguous on the east is being leased and an application has been filed with the Bureau of Land Management for 160 acres contiguous with the fee-titled land. Thus, the conifer covered foothill and the valley along Ralston Creek will be developed to help meet the heavy impact of Denver area people. This project will provide the minimum basic facilities for picnic purposes on the fee-titled land.

PROJECT COST

(Project Materials and Contractual Services)

Well and Hand Pump .....	\$ 1,000.00
Double Pit Toilet (2) .....	1,000.00
Picnic Tables and Grills .....	1,000.00
	<u>3,000.00</u>
Salaries and P.E.R.A. ....	1,098.00
Operation expense and travel .....	402.00
	<u>4,500.00</u>

Internal Improvement Funds supplemented by an appropriation from the Capital Construction Fund.

The well will be drilled under a contract and the toilets and other facilities will be constructed at Cherry Creek by the work Camp and set-up by the Supervisory Groundsmen.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$4,500.00. See PP-74-60.



AGENCY State Park and Recreation Board

PROJECT Eleven Mile Reservoir State Recreation Area

PROJECT DESCRIPTION

This is a follow-up of the survey project carried on during the 1960 season to determine the justification of operating this Denver Water Board area in addition to, or in lieu of the Antero area--both of which are located in Park County. The survey showed that 2303 tents and trailers parked overnight after July 1, in addition to 4,404 cars on day visits. Boat launching totaled 2,992 at an average of 32 per day. Such attendance for only a three-month period appears to justify the expansion of basic facilities providing the Water Board grants a lease for an extended period.

PROJECT COST

(Project materials and limited contractual services for:)

Well on North shore .....	\$ 1,000.00
Fence around camp ground .....	1,500.00
Enlarge Boat Ramps .....	1,500.00
Camp Ground Facilities .....	1,000.00
	<hr/>
	\$ 5,000.00
P.E.R.A. ....	1,870.00
Operation expense and Travel .....	630.00
	<hr/>
	\$ 7,500.00

Internal Improvement Income Fund Supplemented by appropriations from the Capital Construction Fund.

\$2,500.00 would be transferred from the above total project cost to the Park Project Overhead Fund.

The major portion of this development will be accomplished by Reformatory Crews making daily trips from the Institution.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$7,500.00. See PP-74-60.



AGENCY State Park and Recreation Board

PROJECT Antero Reservoir State Recreation Area

PROJECT DESCRIPTION

Additional development of recreational facilities to meet increased basic needs of the general public. Interest in overnight camping, as evidence during the 1960 season, justifies the installation of modern camp ground facilities and a new access road from U. S. 50, providing the Denver Water Board grants a lease for an extended period.

PROJECT COST

(Project materials and limited contract services for:)

Access Road .....	\$ 1,000.00
Camp Ground Toilet .....	2,000.00
Water System .....	2,000.00
	<hr/>
	\$ 5,000.00
Salaries and P.E.R.A. ....	1,880.00
Operating Expense and Travel .....	620.00
	<hr/>
	\$ 7,500.00

Internal Improvement Income Fund Supplemented by Appropriation from the Capital Construction Fund. \$2,500.00 would be transferred from the total project cost to the Park Project Overhead Fund.

The major portion of this development will be accomplished by Reformatory Crews making daily trips from the Institution.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$7,500.00. See PP-74-60.

AGENCY State Park and Recreation Board

PROJECT State Park Land Acquisition

PROJECT DESCRIPTION

This fund provides for acquisition of lands "in conformity with the plan entitled, 'A State Park System for Colorado'."

The first purchased unit for the first State park in Colorado was 200 acres in Gilpin County (The Ranch). The second purchase unit will also be consummated in the current fiscal year.

An addition to Sweitzer Lake is also encumbered against the current year appropriations, as is a lease from the Land Board for the Gilpin County area.

Other encumbrances leave a free balance of \$68,686.00, but possible encumbrances for Martin Lake in Huerfano County or Douglas County could use up the present balance.

To continue the acquisition program, an additional request is being made for \$100,000.00. It is expected that some desirable Public Domain lands can be acquired in conformance with the long-range plan.

PROJECT COST

Total ..... \$ 100,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division for approval at \$100,000.00. See PP-74-60.

INSTITUTION Colorado State Fair, Pueblo

PROJECT Roofing Repairs to Existing Buildings  
 Re-paving existing Streets Within Fairgrounds

PROJECT DESCRIPTION

The roofs of the following buildings on the Fairgrounds are in need of repair: 4-H Dorms, Ladies Exhibit Building, Poultry Building, Swine and Sheep Building, Residence, Band Shell, Quarter Horse Barn, Rodeo Chutes, Agriculture Building, 4-H Dining Hall, 4-H Assembly.

The paving on the existing streets has deteriorated and needs new surfacing.

PROJECT COST

A.	Roofing	
	1. Asbestos aluminum roof coating	
	1365 sqs. @ \$6.00 per sq. ....	\$ 8,190.00
B.	Paving	
	1. Removal of existing paving, gravel base course and 2" asphalt surfacing. 31,679 sq. yds. ....	<u>31,751.00</u>
C.	Total Estimated Cost .....	\$39,941.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division at \$31,750.00; to be financed from B.M.L. fund of State Fair.

INSTITUTION State Industrial School for Boys, Golden

PROJECT Central Heating System

PROJECT DESCRIPTION

The condition of the mechanical equipment and steam distribution system for the State Industrial School has been in question for a considerable period. When requests for mechanical maintenance monies appeared excessive for the size of the physical plant, a survey was made. This comprehensive report, by Stuart R. Colson, P. E., is on file with the State Planning Division and includes analysis of the steam loads, present efficiencies, conditions of boilers, controls, distribution system, return lines, expansion joints, water treatment and fuel costs.

The summary of this analysis concludes: . . . "The condition of the boilers and related equipment leave no choice as to what to do; new boilers are a must. The only question is as to what fuel shall be used. Initial investment and economy of operation indicate gas with #6 oil as stand-by fuel."

PROJECT COST

Estimated cost of coal-fired boilers and coal-handling equipment .....	\$257,686.00
Estimated cost of gas-fired boilers with oil stand-by.....	187,143.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division for approval at \$187,000.00.

INSTITUTION State Industrial School for Boys, Golden

PROJECT Replacement of Kitchen Roof, Central Dining Hall

PROJECT DESCRIPTION

Over a period of many months there has been a noticeable sag in the kitchen roof adjacent to the dining hall at the Industrial School for Boys. This roof is of hipped design and surfaced with clay tile. The wooden framing that constitutes the structure of this roof has fractured in various places. A complete report covering the full condition was made by the Public Works Section, State Planning Division, in July, 1960. Temporary measures have been taken to prevent a possible collapse.

It is expedient from a maintenance standpoint that the roof of this portion of the building be removed and replaced with a steel framing system of proper design.

PROJECT CONSTRUCTION

Structure .....	Longspan steel joists
Roofing .....	Built-up composition on gypsum deck and form board
Parapet & coping .....	Face brick
Ceiling .....	Metal lath & plaster
Electrical .....	Conduit and replacement of existing fixtures

PROJECT COST

A. Removal of present roof & ceiling approx. 30' x 100' = 3,000 sq. ft. ....	\$ 900.00
B. Construction	
1. Steel joist framing, built-up roof on gypsum deck, masonry parapets & metal downspouts, plaster, ceiling, painting .....	10,000.00
2. Electrical & Exhaust fans.....	1,500.00
C. Supervision & Contingencies .....	<u>2,600.00</u>
D. Total estimated cost of project .....	\$ 15,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division at \$15,000.00.

INSTITUTION State Industrial School for Boys, Golden

PROJECT Vocational Shops Building (Remodeling)

PROJECT DESCRIPTION

This building was constructed in 1932 of fire-safe construction. The main floor is now being used as a vocational shops area in which are included a printing shop, a shoe and leather shop, and a general shop.

The lower floor is now being used for a general campus garage and maintenance carpenter shop, which shop should be removed to the remodeled warehouse and maintenance shops building.

The three vocational shops are to be relocated on the main floor with proper exit facilities and a vocational shop for teaching automotive work is to be placed in the area vacated by the maintenance carpenter shop on the lower floor. The present campus garage will remain on this lower floor.

Present toilets are not up to health standards and need to be renovated. Present lighting as well as acoustics are inadequate and need to be updated. Also present exit and entrance facilities will not meet with the State Industrial Commission requirements.

In the remodeling process a new elevated walkway would be provided to give better access to the individual shops, as well as providing better exit facilities. The gross area of the building is 11,360 sq. ft.

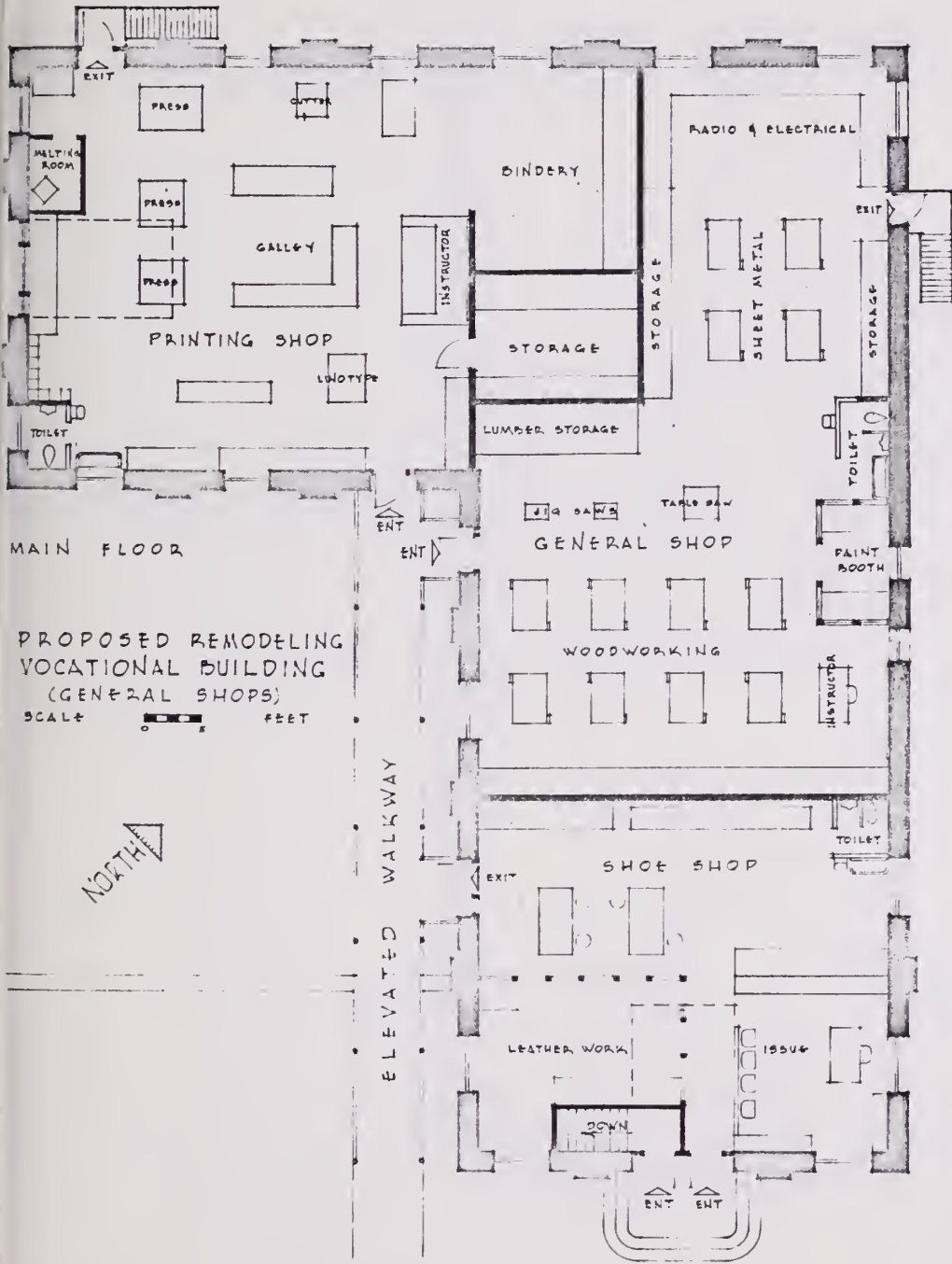
PROJECT COST

A. Professional Services	
1. Architectural and Engineering .....	\$ 3,400.00
2. Surveys and site investigation (included in A-1) .....	
B. Construction	
1. Structure (general, mechanical and electrical work).....	32,000.00
2. Utility Services (sewers, water, steam & electrical feeds)...	1,000.00
3. Site work	
(a) Utility tunnels, grading, roads, curbs and walks .....	1,000.00
C. Construction supervision (field superintendent).....	2,000.00
D. Contingencies .....	2,000.00
E. Equipment .....	3,600.00
F. Construction cost per sq. ft., 34,000 ÷ 11360.....	\$3.00
	\$45,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division at \$40,000.00.





PROPOSED REMODELING  
 VOCATIONAL BUILDING  
 (GENERAL SHOPS)  
 SCALE 1" = 10' FEET



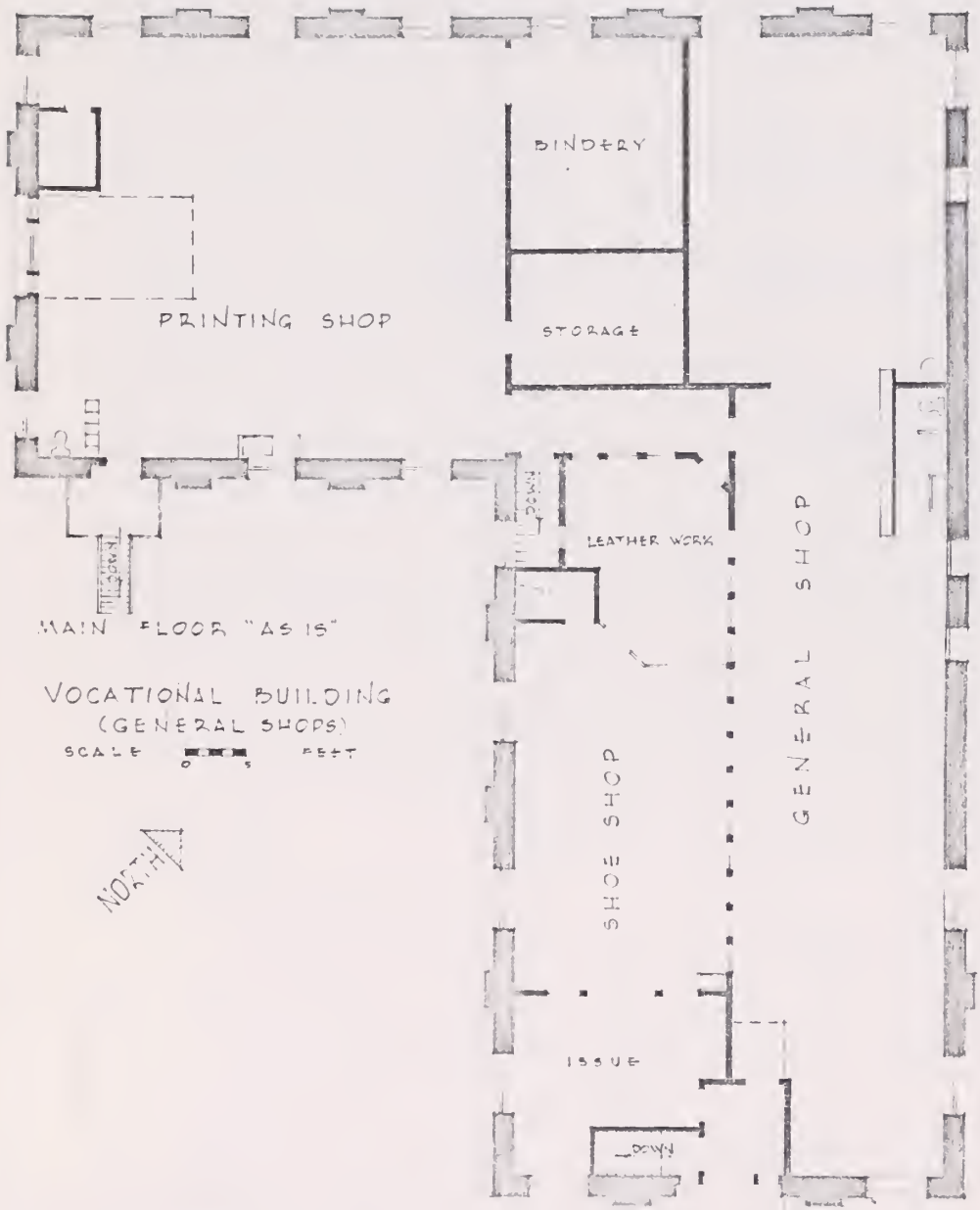
PR-25-60

PROPOSED FUTURE DEVELOPMENT  
 COLORADO STATE INDUSTRIAL  
 SCHOOL FOR BOYS - GOLDEN  
 GENERAL SHOPS BUILDING  
 PRE-PRELIMINARY SERVICES

FULLER, FULLER & FULLER  
 ARCHITECTS - ENGINEERS  
 DENVER, COLORADO

OCT 30, 1959





MAIN FLOOR "AS IS"  
 VOCATIONAL BUILDING  
 (GENERAL SHOPS)  
 SCALE 0 5 FEET



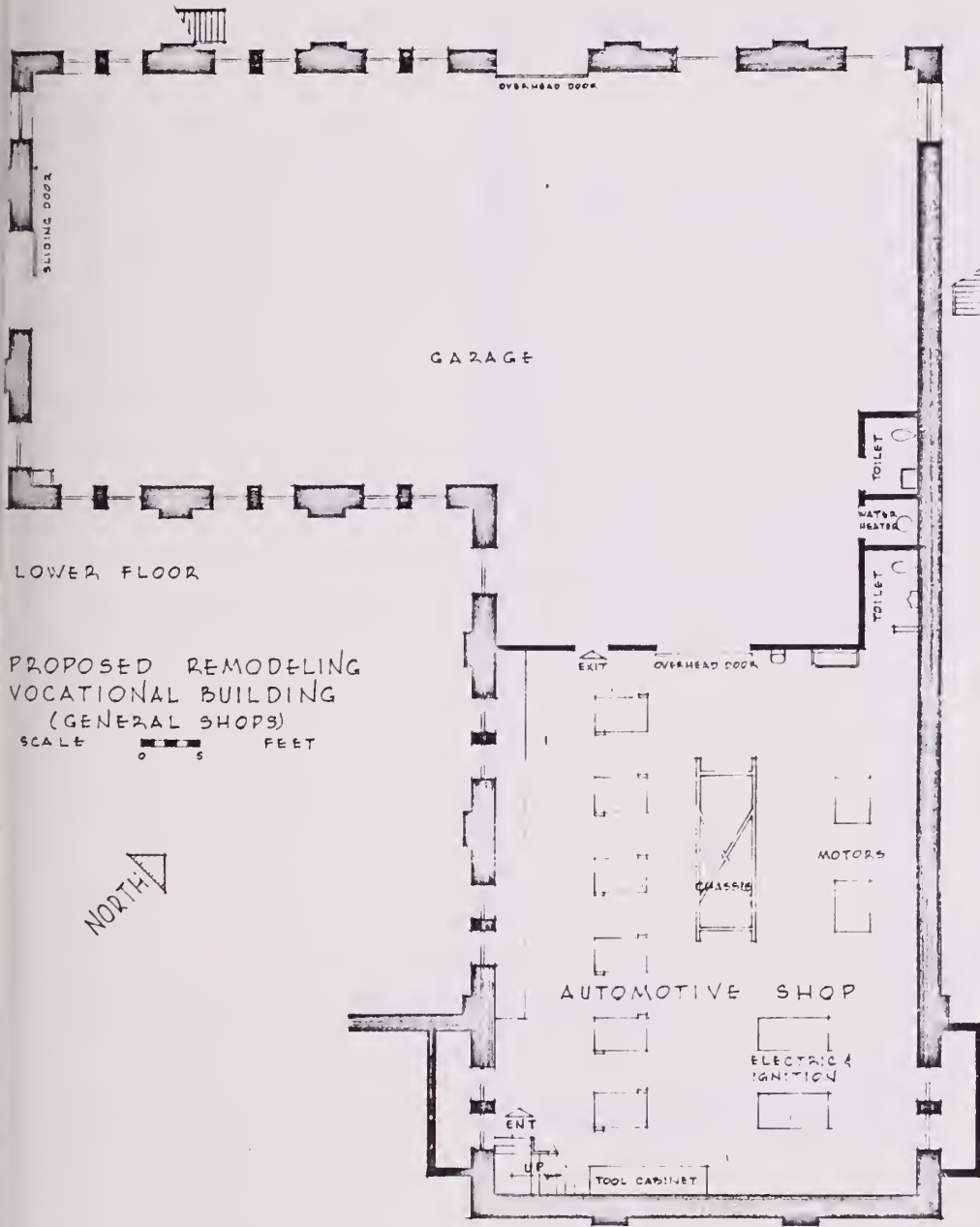
PP-25-60

PROPOSED FUTURE DEVELOPMENT  
 COLORADO STATE INDUSTRIAL  
 SCHOOL FOR BOYS • GOLDEN  
 GENERAL SHOPS BUILDING  
 PRE PRELIMINARY SERVICES

FULLER, FULLER & FULLER  
 ARCHITECTS - ENGINEERS  
 DENVER, COLORADO

OCT 30, 1959





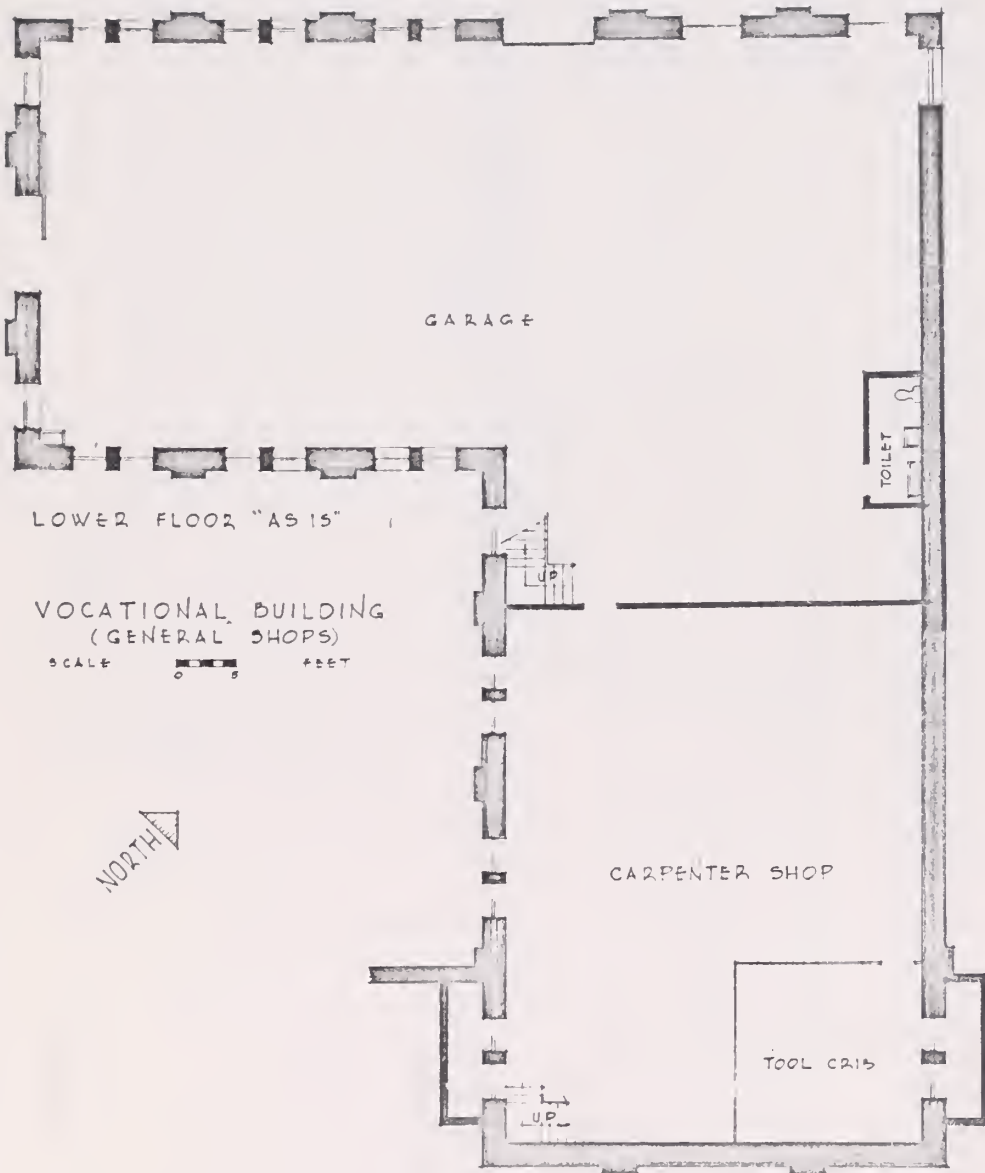
PP-25-60

PROPOSED FUTURE DEVELOPMENT  
 COLORADO STATE INDUSTRIAL  
 SCHOOL FOR BOYS - GOLDEN  
 GENERAL SHOPS BUILDING  
 PRE-PRELIMINARY SERVICES

FULLER, FULLER & FULLER  
 ARCHITECTS - ENGINEERS - GOLDEN  
 DENVER COLORADO

OCT 30, 1959

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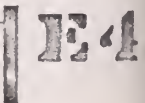


PP-25-60

PROPOSED FUTURE DEVELOPMENT  
COLORADO STATE INDUSTRIAL  
SCHOOL FOR BOYS - GOLDEN  
 GENERAL SHOPS BUILDING  
 PRE-PRELIMINARY SERVICES

FULLER, FULLER & FULLER  
 ARCHITECTS - ENGINEERS  
 DENVER COLORADO

OCT 30, 1959



INSTITUTION State Industrial School for Boys, Golden

PROJECT Relocation and Paving of Road System

PROJECT DESCRIPTION

To achieve the perimeter road system conforming with the long-range development plan, certain roads now existing with gravel surface must be paved and new connecting links of road graded and ballasted to receive plant-mixed hot asphalt mat.

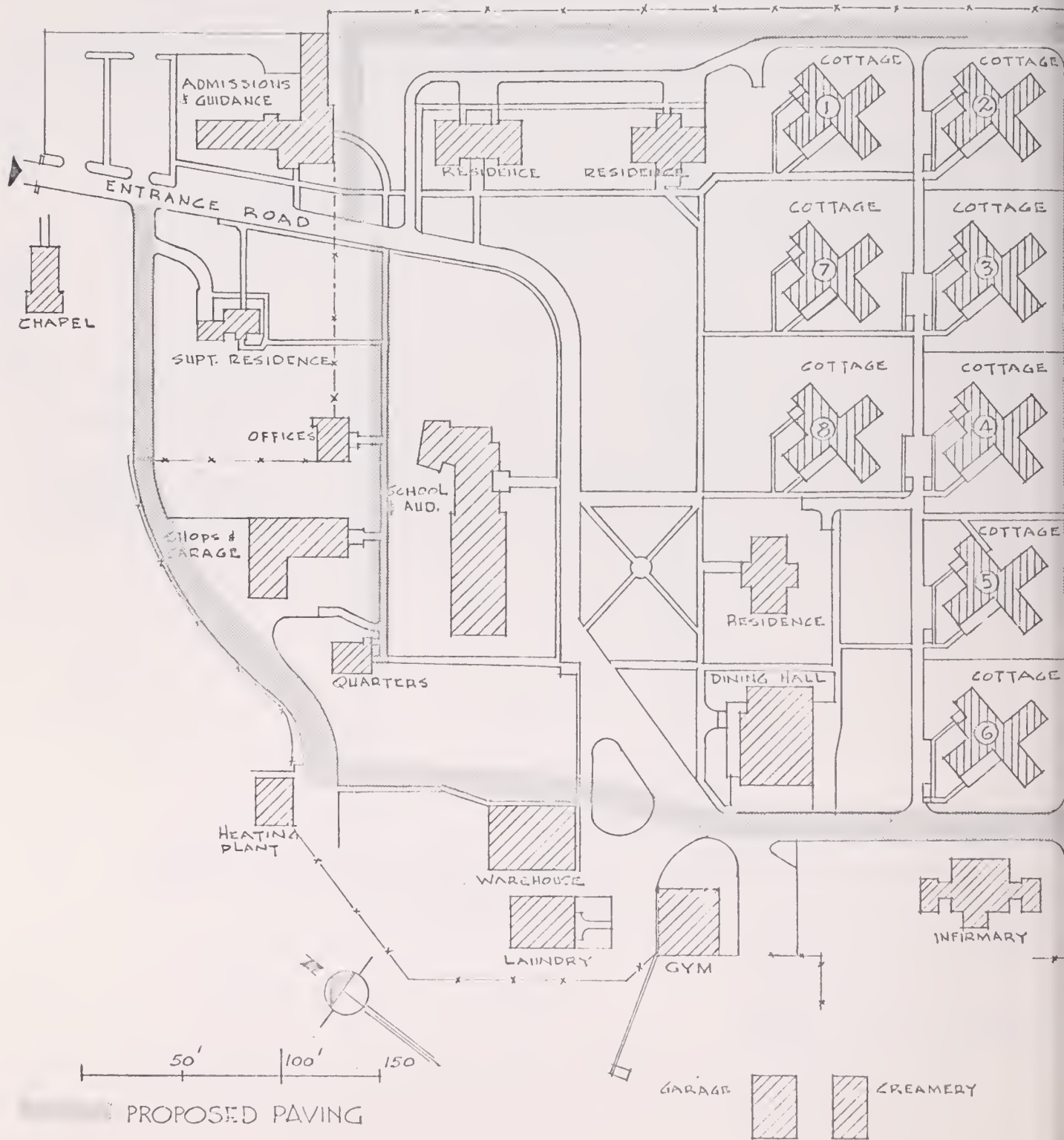
PROJECT COST

1900' (.278 mi.) of 15' road	
= 3,175 sq. yds. @ \$1.65 .....	\$5,250.00
3800 lin. ft. of cem. curb and gutter @ \$1.35 plf. ....	<u>5,250.00</u>
TOTAL PROJECT COST .....	\$10,500.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division at \$10,500.00.





PP-29-60

RELOCATION AND PAVING OF ROAD SYSTEM  
STATE INDUSTRIAL SCHOOL  
FOR BOYS — GOLDEN



INSTITUTION State Training School for Girls, Morrison

PROJECT Furniture & Fixtures, Ramona Cottage

PROJECT DESCRIPTION AND COST

Listed below are the estimated amounts needed to furnish the new Ramona Cottage to be completed in November, 1960:

1. Two Officers' Apartments	
Beds, furniture, rugs, drapes .....	\$ 2,400.00
2. Girls' Rooms	
Beds, rugs, wardrobes, drapes .....	3,800.00
3. Recreation Room	
Ranch oak furniture, TV, rugs, drapes, lamps .....	3,300.00
4. Office	
Desk, chairs, lamps .....	500.00
5. Kitchen	
Refrigerator, washing machine, dryer, serving and bake tables, range, dining room furniture, polisher, misc. cooking supplies .....	4,000.00
6. Intercom .....	500.00
	<hr/>
TOTAL .....	\$14,500.00

STATE PLANNING DIVISION RECOMMENDATIONS

Recommended for approval by the Advisory Board of the State Planning Division in the amount of \$13,000.00.

PP-57-60

INSTITUTION State Training School for Girls, Morrison

PROJECT Gymnasium and Class Room Additions

PROJECT DESCRIPTION

The existing Gym, located in a basement area, is inadequate for conducting a good indoor sports program. There is insufficient headroom and the floor is in poor condition.

There is a need for two additional academic class rooms, a Cosmetology class and an Arts and Crafts class. These rooms could very well be incorporated with a new gym facility.

PROJECT CONSTRUCTION

Structure .....	Structural Steel
Exterior walls .....	Face brick, cement block back-up
Roofing .....	Built-up composition
Windows .....	Aluminum projected
Flooring .....	Vinyl asbestos
Interior walls .....	Cement block with tile wainscots
Ceilings .....	Acoustic plaster
Plumbing .....	Institutional fixtures
Heating .....	Forced hot water
Electrical .....	Fluorescent and incandescent fixtures

PROJECT COST

A. Construction (general, electrical, mechanical)		
1. Gym and locker areas	10,130 sq. ft.	
2. Class room areas	<u>4,176</u> sq. ft.	
	14,306 sq. ft.	
	14,306 sq. ft. @ \$15.00	\$ 214,590.00
B. Professional services		
1. Gym and locker areas Archt. @ 6%	.....	9,150.00
2. Class room areas, Archt. @ 6%	.....	<u>3,725.00</u>
TOTAL PROJECT COST	.....	\$ 227,465.00

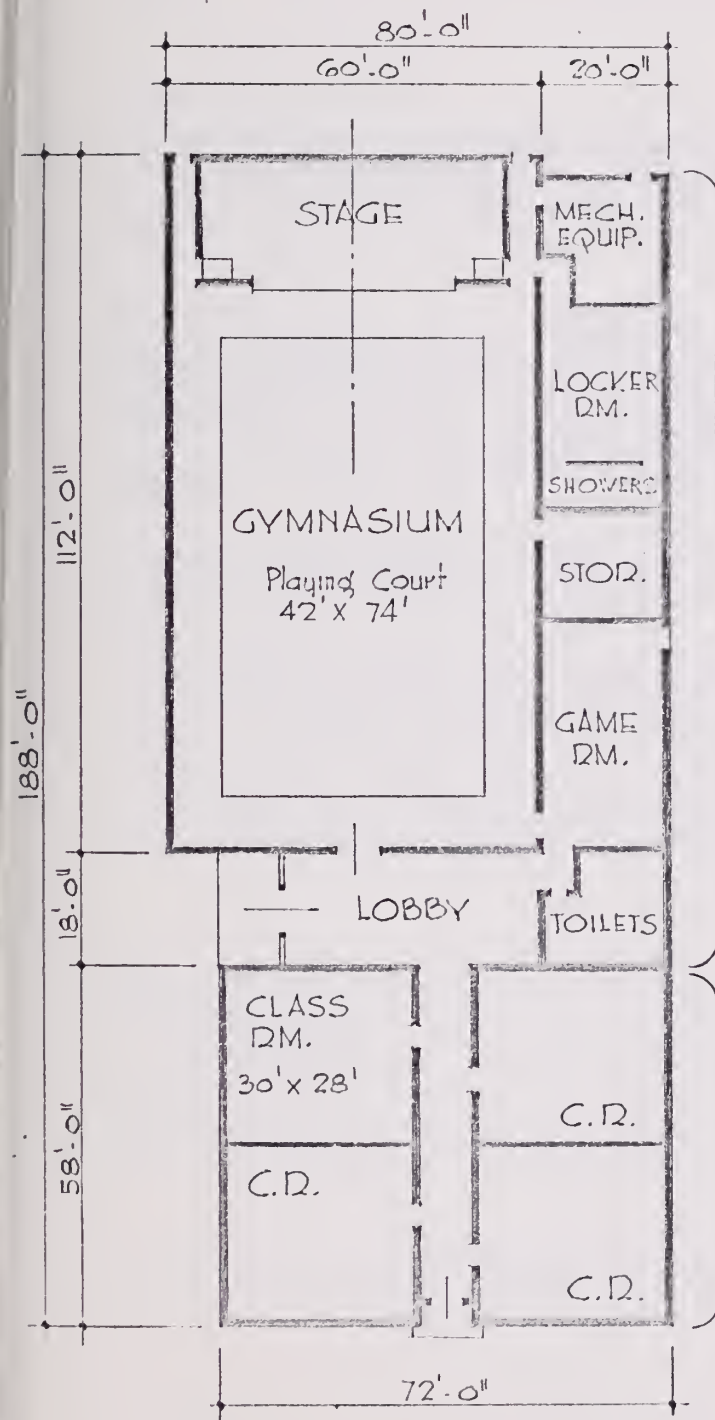
STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division in the amount of \$200,000.00.

STATE TRAINING SCHOOL FOR GIRLS — MORRISON

PP. 57-60

GYMNASIUM &  
CLASS RM. ADDITIONS



NOTE \_\_\_\_\_

THIS PLAN IS FOR SPACE ALLOCATION ONLY. RELATIONSHIP OF ELEMENTS TO EXISTING BUILDINGS IS SUBJECT TO FURTHER DESIGN STUDY.

- Ext. Walls Face Brick
- Int. Walls Cem. Blk.
- Face Brick Walls in Gym.
- Gl. Tile, Locker Area.
- Roof struc. Longspan & Std. Stl. Joists
- Roof Built-up on 2" Gyp. Deck
- Floor Conc. Slab
- Gym. Fl. Hardwood
- Stage. Hardwood
- Windows Aluminum Proj.

Gym	8 960	
Lobby & Toilets	1 170	
	<hr/>	10,130 sq'
Class Rms.	4 176	
	<hr/>	14,306 Sq. Ft.

PLAN  
Scale: 1" = 30'

INSTITUTION State Training School for Girls, Morrison

PROJECT Engineering Study of Sewage Disposal

PROJECT DESCRIPTION

The State Training School for Girls at Morrison, Colorado, is an installation of approximately 185 persons in residence which is expected to increase to 215 in the immediate future. Sewage is at present disposed of in a lagoon of less than acre area which is less than half the size ordinarily required for a population of such proportion.

The Jefferson County health authorities have served notice on the School that corrective measures must be taken to provide adequate disposal facilities, either by increasing the area of the lagoon to  $2\frac{1}{2}$  or 3 times its present size or connecting with a sanitary sewer system. Moreover, private residents in the vicinity are constantly complaining of the stench that permeates the atmosphere.

Because of the location of the School and the relatively small area of suitable land available, the lagooning method of sewage disposal is considered not only inadvisable but impracticable.

A real estate subdivision due east of the School is in planning stage, and a sanitary sewer that will terminate just south of Colorado Academy, about one mile from the State Training School for Girls, is being engineered.

In all probability, arrangements could be made to connect a sanitary sewer trunk line from the School to the aforementioned sanitary sewer line.

PROJECT COST

Engineering feasibility Study ..... \$1,500.00.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$1,500.00.

INSTITUTION State Training School for Girls, Morrison

PROJECT Additional Black Topping of Roads and Parking Lots

PROJECT CONSTRUCTION

For the construction, ballasting, finish grading and placement of plant-mixed hot asphalt mat on the following roads and/or parking lots:

Parking Areas:

Warehouse .....	100 x 100 .....	10,000 s.f.
Guidance Center .....	50 x 100 .....	5,000 "
Administration Bldg. ....	50 x 100 x (2 req'd)..	10,000 "
Residences .....	50 x 30 x (2 req'd)..	3,000 "
School .....		2,000 "
Hospital .....		1,000 "
Garage .....		<u>5,000 "</u>
		36,000 s.f.
4,000 sq. yds. @ \$1.65 = .....		\$ 6,600.00

Road: .92 miles of 15' road =  
 8121 sq. yds. @ \$1.65 per sq. yd. = ..... 13,400.00  
 \$20,000.00

Or  
 1.37 miles 15' road = 12,121 sq. yds. @ \$1.65 = ..... \$20,000.00

(Note: Existing grounds incorporate approx. 1½ miles of road)

STATE PLANNING DIVISION RECOMMENDATION

INTRODUCTORY. In its 1960 session, the 42nd General Assembly appropriated \$7,680.00 for black-topping roads on the grounds of the State Training School for Girls out of a total of \$37,680.00 requested for such improvements. The appropriated funds have not been expended because of the high unit cost of the work which would result.

Additional funds are needed and it is the recommendation of the Advisory Board of the State Planning Division that \$8,000.00 be added to the appropriation already made for these improvements.

INSTITUTION State Training School for Girls, Morrison

PROJECT Miscellaneous Small Projects

PROJECT DESCRIPTION

Equipment items for the Home Economics Classroom:

1 Hamilton Beach Mixette.....	\$	11.00
2 Hamilton Beach Food Mixers .....		55.00
2 Hamilton Beach Coffee Makers .....		30.00
4 #404 Singer Sewing Machines .....		459.00
1 General Electric Washer .....		179.00
1 General Electric Dryer .....		154.00
1 General Electric Range .....		184.00
1 O'Keefe Merrit Gas Range .....		288.00
2 General Electric Refrigerators .....		572.00
6 Venetian Blinds .....		<u>126.00</u>

TOTAL COST ..... \$ 2,058.00

Need additional amount of \$1,183.00 to supplement original appropriated amount of \$4,000 for Economics Classroom. In addition, \$5,000 is requested for further blacktopping.

TOTAL REQUESTED ..... \$ 8,241.00



INSTITUTION Colorado State Children's Home, Denver

PROJECT Sidewalks and Curbing

PROJECT DESCRIPTION

At present there is no sidewalk or curbing bounding the north side of the property, extending from South Logan Street on the west, eastward along East Iliff Street to South Emerson Street on the east.

This lack of sidewalk poses a serious traffic hazard for our school children due to the lack of a defined area on which to walk. The result is that they wander down off the dirt walk and parking area into the street and amidst congested traffic.

The style sidewalk and curb is to be the regular height curb and sidewalk set well back on the park area. This will necessitate the removal of 22 large maple and elm trees now located on the park area.

PROJECT COST

A.	Removal of trees .....	\$1,800.00
B.	Removal of curbs and/or gutters .....	438.00
C.	Excavation .....	3,177.00
D.	Adjusting manhole tops .....	120.00
E.	New paving .....	26,870.00
F.	Total Estimated Cost .....	<u>\$32,405.00</u>

STATE PLANNING DIVISION RECOMMENDATION

INTRODUCTORY. The cost estimate submitted on this project is considered to be a very reliable estimate of the cost of the work requested to be done. Also, the sidewalk improvements should be installed as proposed.

On this basis, it is the recommendation of the Advisory Board of the State Planning Division that the amount of \$32,400.00 be provided for these improvements.

INSTITUTION Colorado State Children's Home, Denver

PROJECT Remodeling and Expansion of Heating Plant

PROJECT DESCRIPTION

The majority of the buildings are approximately forty years old and are heated by low pressure steam from a central plant. The boilers have received only minor repairs to date and are in need of complete retubing and resetting. About 90% of the present distribution system is original piping. The known future expansion consists of a new Recreation Building, remodeling of Nursery into Administration Building, and remodeling present Administration Building into a Boys' Dormitory.

A major overhaul of the entire mechanical system is needed. A comprehensive report by Stone and Birkle, Inc., Mechanical Engineers, is on file with the State Planning Division which includes analysis of the steam loads, present efficiencies, condition of boilers, controls, distribution system, return lines, water treatment and fuel costs.

PROJECT COST

1. Boiler plant gas conversion and repairs, distribution system repair and extension .....	\$120,900.00
2. Overhead and profit @ 15% .....	18,135.00
3. Engr. Fee @ 7%; Contingencies @ 3% .....	12,090.00
TOTAL ESTIMATED COST .....	<u>\$151,125.00</u>

STATE PLANNING DIVISION RECOMMENDATION

INTRODUCTORY. The engineering survey conducted of the heating plant and distribution facilities for the State Children's Home is considered to be a reliable estimate of the work that is urgently needed in order to rehabilitate the heating system.

On this basis, the Advisory Board of the State Planning Division recommends that \$150,000.00 be provided for this project.

INSTITUTION State Home and Training School, Grand Junction

PROJECT Additional Storage to Maintenance Building

PROJECT DESCRIPTION

The proposed building is designed to provide for adequate storage space for our maintenance shop which is now entirely inadequate. The area will provide storage for such items as pipe, cement, glass, lumber, wiring and to house the groundsman's equipment such as mowers, hose, nozzles, rakes, shovels, brooms, tractors, pickup, etc. This building is to be constructed west of and contiguous with the present maintenance building to save on the cost of construction and for the maintenance materials already accessible to the maintenance shop.

PROJECT CONSTRUCTION

Structure ..... Long-span joists supported by bearing walls.  
 Bearing walls are carried by grade beams supported by wood piling.

Exterior walls ..... Pumice aggregate concrete block

Roofing ..... Built-up composition over tongue and groove wood decking

Windows ..... Steel, industrial projected

Flooring ..... Mesh reinforced concrete slab on grade

Interior walls ..... Exposed pumice aggregate concrete block

Ceilings ..... Exposed long-span joists and tongue and groove wood decking

Plumbing ..... None

Heating ..... None

Electrical ..... Conductors in conduit, fluorescent fixtures

Special equipment ..... Overhead-acting garage doors

PROJECT COST

A. Construction

    1. Structure (General, electrical) ..... \$ 28,800.00

    2. Site (roads, walks, grading)..... 1,000.00

B. Professional services

    1. Architectural ..... 1,788.00

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C. Total estimated cost of project ..... \$ 31,588.00

Gross Area sq. ft. 6,000

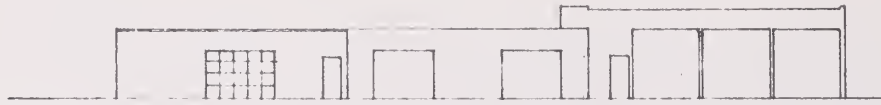
Est. Cost per sq. ft. \$ 5.26

STATE PLANNING DIVISION RECOMMENDATION

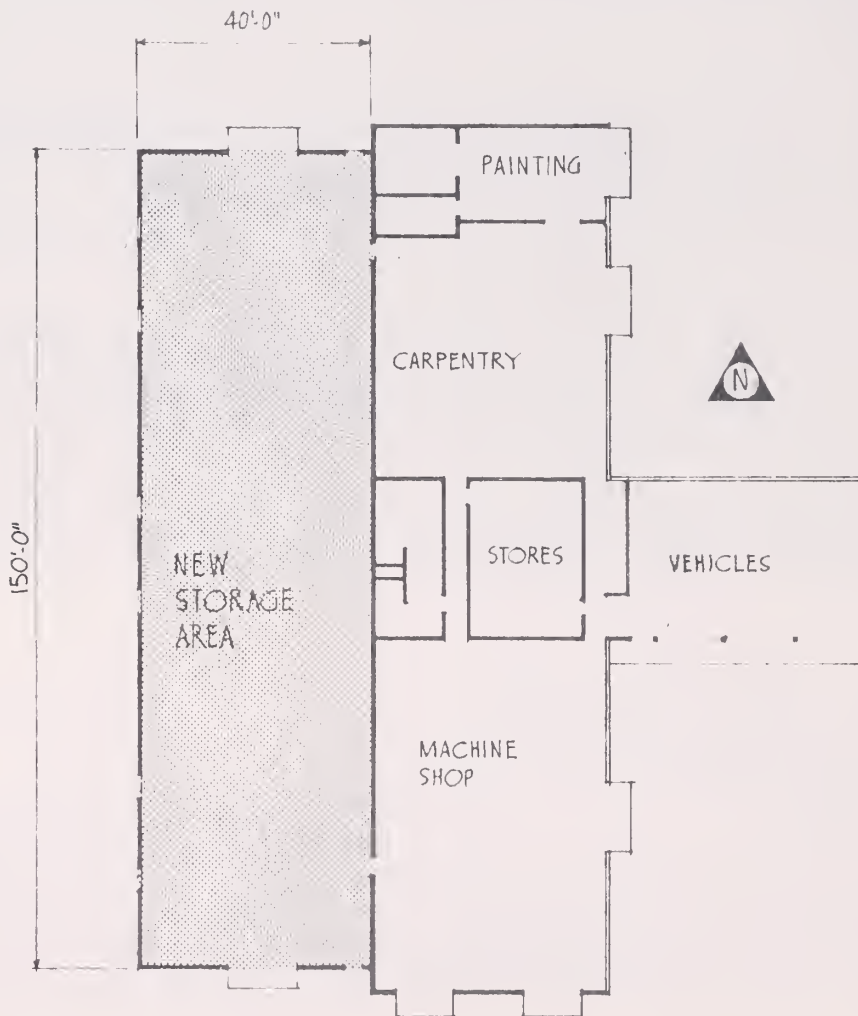
Recommended for approval in the amount of \$31,500.00.



WEST ELEVATION •  $\frac{1}{32}'' = 1'-0''$



SOUTH ELEVATION •  $\frac{1}{32}'' = 1'-0''$



PLAN OF MAINTENANCE BUILDING & ADDITION •  $\frac{1}{32}'' = 1'-0''$

PP-46-60  
ADDITION TO STORAGE &  
MAINTENANCE BUILDING  
STATE HOME & TRAINING SCHOOL  
GRAND JUNCTION  
Van Deusen & Bliska, Architect  
Grand Junction, Colo.

INSTITUTION State Home and Training School, Grand Junction, Colorado

PROJECT Playground Development

PROJECT DESCRIPTION

The proposed playground area, of which we now have none, is designed to provide adequate playground facilities for our present population and a contemplated expansion of our present playground facilities which consists of only a small playground attached directly to four (4) buildings, some of which house children who are extremely retarded and must be kept under close supervision and surveillance at all times. We do not have playground facilities of any type for our educable or more vocational retarded students. This area is to consist of a baseball and soft ball field, tennis court, fish pond, etc. It is our desire to provide trees and an underground sprinkling system whereby grass may be planted in this area.

PROJECT CONSTRUCTION

Construction to be performed by the State Home and Training School maintenance crew.

PROJECT COST

A. Total estimated cost of project ..... \$30,000.00

Gross Area approximately 7 acres

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$6,000.00.



INSTITUTION State Home and Training School, Grand Junction

PROJECT Laundry Building & Sewing Room

PROJECT DESCRIPTION

The proposed building is designed to provide for adequate laundry service for this institution. It was originally designed to service a population of 333. Our present population is 874. The laundry insured valuation is \$17,900.00. We process approximately 15 tons of laundry per week through this institution. The building was originally constructed in 1887 and since then has been remodeled twice. It is entirely unsatisfactory as far as future abilities and wholly inadequate for our immediate needs, let alone any contemplated expansion for future needs. The proposed facilities include a laundry area for the washing and ironing of the laundry, a clean linen room for storage facilities, a soil linen room for storage facilities, and a sewing room for mending and sewing facilities.

PROJECT CONSTRUCTION

Structure .....	Structural steel posts, long-span and open-web joists, masonry bearing walls, on concrete grade beams bearing on wood piles
Exterior walls .....	Face brick with block back-up
Roofing .....	Built-up composition
Windows .....	Steel, industrial projected
Flooring .....	Concrete
Interior walls .....	Pumice aggregate concrete block and structural glazed tile
Ceilings .....	Exposed steel structural members and roof decking
Plumbing .....	Conventional commercial
Heating .....	Steam unit heaters and radiation supplied from central institution plant
Electrical .....	Conduit protected conductors, commercial fluorescent fixtures
Special equipment .....	Complete laundry installation with monorails

PROJECT COST

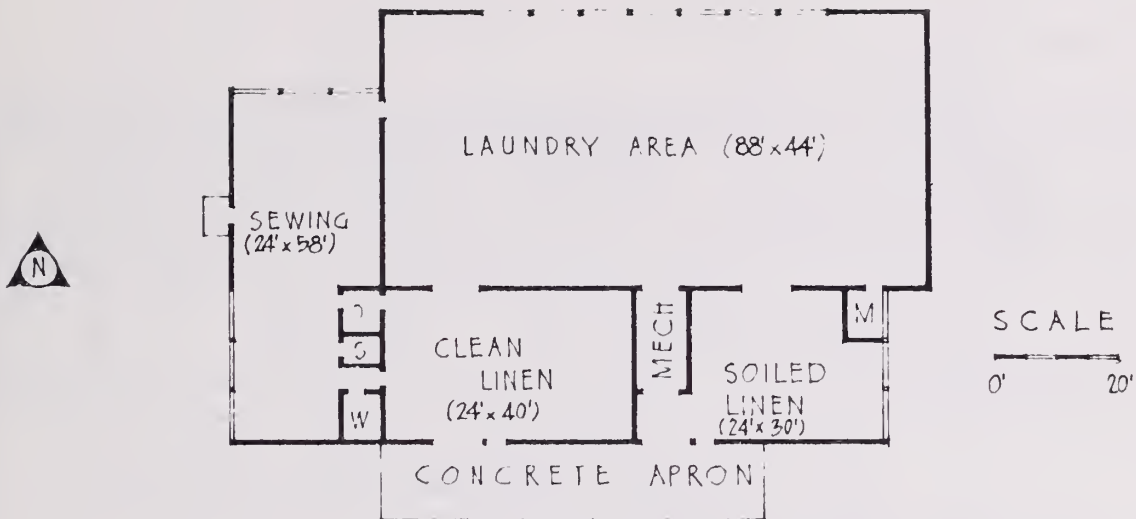
A. Construction	
1. Structure (general, mechanical, electrical).....	\$140,000.00
2. Moving and installation of equipment .....	10,000.00
3. Services .....	4,500.00
4. Site (roads, walks, etc.) .....	500.00
B. Professional Services	
1. Architectural .....	9,300.00
C. Total estimated cost of project .....	\$164,300.00

Gross Area sq. ft.	7455	
Est. Cost per sq. ft.		\$ 22.04

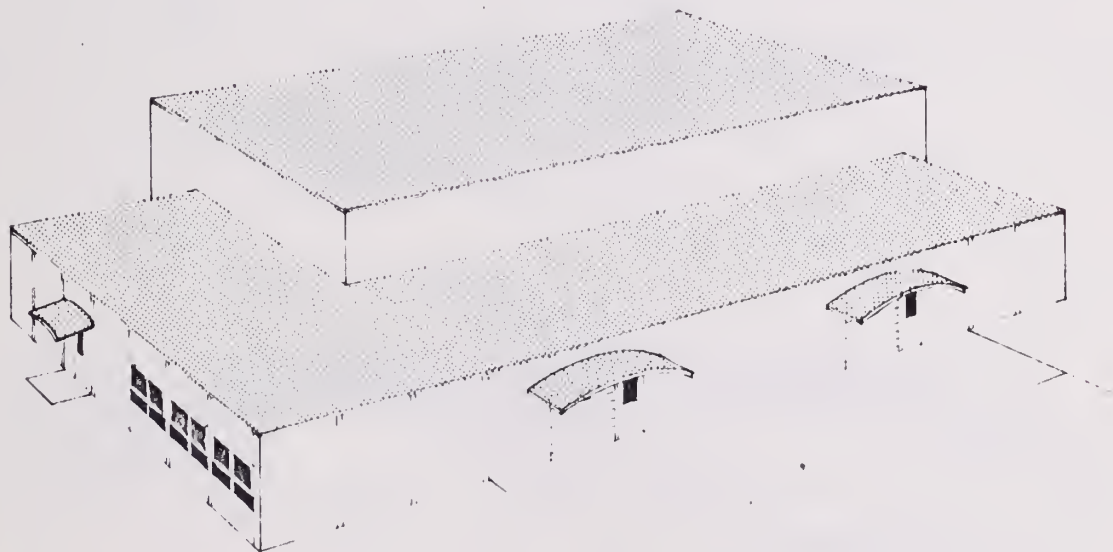
STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$154,000.00, and \$10,300.00 for equipment be deferred to 1962.





PLAN OF LAUNDRY BUILDING & SEWING ROOM



PERSPECTIVE FROM SOUTHWEST

PP-43-60  
LAUNDRY BUILDING & SEWING ROOM  
STATE HOME & TRAINING SCHOOL  
GRAND JUNCTION  
Van Deusen & Bliska, Architects  
Grand Junction, Colorado

INSTITUTION State Home and Training School, Grand Junction

PROJECT Two Orientation Cottages

PROJECT DESCRIPTION

The proposed buildings are designed to provide adequate space to complete the rehabilitation training at this institution and to provide space for the orientation of students who are to be returned to society as self-sustaining citizens. This program now exists in the State Home and Training School at Wheat Ridge, Colorado. The building is to be completely self-sustaining having housing facilities for 20 students, an apartment for two cottage counsellors, a relief room for a relief cottage counsellor, utility room, kitchen, dining room, living room and recreation area.

PROJECT CONSTRUCTION

Structure .....	Wood framed roof, veneer and stud walls, concrete bearing slabs, all on piling or concrete caissons
Exterior walls .....	Face brick veneer, redwood siding
Roofing .....	Built-up composition using steep roof pitch
Windows .....	Aluminum horizontal sliding
Flooring .....	Resilient tile and ceramic tile over concrete slabs
Interior walls .....	Plaster, ceramic tile, wood veneer panelling
Ceilings .....	Plaster, acoustic tile
Plumbing .....	Conventional domestic
Heating .....	Constant volume forced warm air
Electrical .....	Conductor carrying conduit with incandescent and fluorescent fixtures

PROJECT COST

A.	Construction	
1.	Structure .....	\$230,000.00
2.	Site (walks, grading within project area).....	1,800.00
3.	Services (sewer, water, gas, etc. not within structures)	6,000.00
B.	Equipment .....	40,000.00
C.	Professional Services	
1.	Architectural 1 bldg. @ 6% .....	9,512.00
	1 bldg. @ 2% .....	<u>          </u>
D.	Total estimated cost of project .....	\$287,312.00
	Gross Area sq. ft. 12,776	
	Est. Cost per sq. ft.	22.49

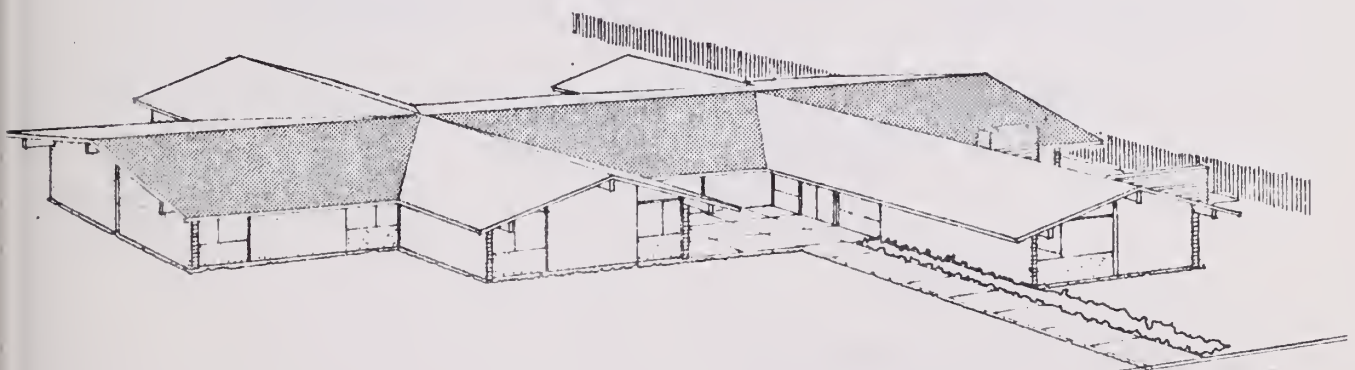
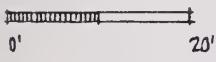
STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$247,000.  
 Recommended that \$40,312.00 for furnishings and equipment be deferred to 1962.



FLOOR PLAN

Scale



PERSPECTIVE

PP-44-60  
 TWO ORIENTATION COTTAGES  
 STATE HOME & TRAINING SCHOOL  
 GRAND JUNCTION  
 Van Deusen & Bliska, Architects  
 Grand Junction, Colo.

INSTITUTION State Home and Training School, Grand Junction

PROJECT Addition to two duplexes

PROJECT DESCRIPTION

The proposed building is designed to provide two duplex units with three bedrooms each. The reason for this request being that staff personnel now living in these quarters have children of both sexes. The girls have reached the age of puberty and are required to sleep double, in one bed, with their smaller brother or brother. The new construction will consist of two bedrooms, one to be 10.5 x 12, the other 14 x 10.

PROJECT CONSTRUCTION

Structure .....	Wood rafters and ceiling joists supported on masonry bearing walls; wood floor joists bearing on concrete grade beams; all supported by wood piling
Exterior walls .....	Face brick, common brick back-up
Roofing .....	Asbestos shingles on one-inch sheathing
Windows .....	Steel casements
Flooring .....	Wood
Interior walls .....	Plaster
Ceilings .....	Plaster
Plumbing .....	None
Heating .....	Steam from present institution system w/radiation
Electrical .....	Conduit, incandescent fixtures

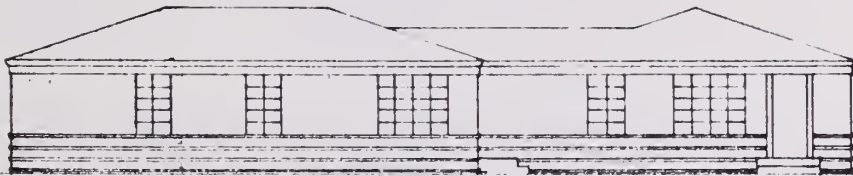
PROJECT COST

A. Construction		
1. Structure (General, mechanical, electrical) .....		\$12,900.00
2. Site (walks, grading within project area) .....		100.00
B. Professional Services		
1. Architectural .....		780.00
C. Total estimated cost of project .....		<u>\$13,780.00</u>

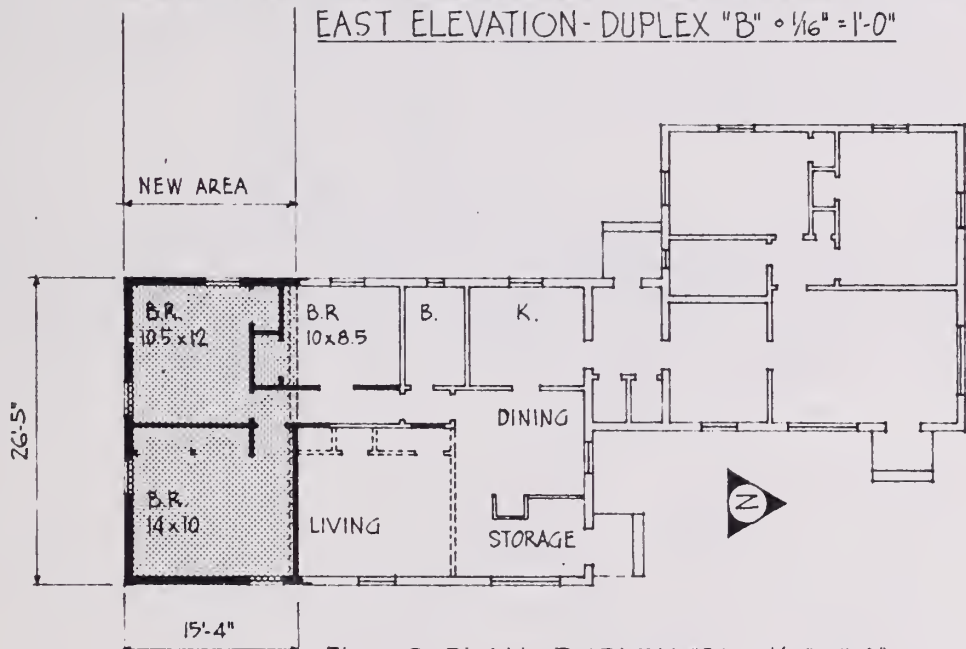
Gross Area Sq. Ft.	814	
Est. Cost per sq. ft.		\$ 16.93

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$13,780.00.



EAST ELEVATION - DUPLEX "B" •  $\frac{1}{16}$ " = 1'-0"



FLOOR PLAN - DUPLEX "B" •  $\frac{1}{16}$ " = 1'-0"

(REPEAT COMPLETE OPP HAND FOR DUPLEX COTTAGE "A")

PP-45-60  
ADDITION TO TWO DUPLEXES  
STATE HOME & TRAINING SCHOOL  
GRAND JUNCTION  
Van Deusen & Bliska, Architects  
Grand Junction, Colo.



INSTITUTION State Home and Training School, Grand Junction

PROJECT: Remodeling of Old School Building for Rehabilitation Program

PROJECT DESCRIPTION

It is planned to provide necessary space and equipment for a concentrated vocational instructional program under the auspices of the State Department of Rehabilitation, as funds are made available on a matching ratio of 40 per cent State and 60 per cent Federal. In addition to the equipment that is needed, two (2) vocational instructors will be employed to correlate the training program in the various departments, relative to the rehabilitation of students at the School.

The School's officials have initiated a program of obtaining job descriptions of each student now employed within the various disciplines (departments) within the Institution in an attempt to not only adequately train the students, but to match the vocations within this Institution with those which might be acceptable to various employers on the outside. Under this program a list of 28 job categories has been developed for the training program.

BUILDING PROGRAM

It is planned to use part of the old school building for the proposed program and this building will require some remodeling. It will also be necessary to provide equipment for various department areas where the students will be trained, where the equipment is insufficient to provide adequate training. Project construction and remodeling work would be performed by the State Home and Training School maintenance crew.

PROJECT COST

State's share ..... \$10,112.00

STATE PLANNING DIVISION RECOMMENDATION

This project was filed with the State Planning Division, December 14, 1960 and is, therefore, transmitted without consideration of any recommendation.





INSTITUTION State Home & Training School, Wheat Ridge

PROJECT Rehabilitation Center - School & Therapy Units  
(Remodeling of Edith Raftery Hall)

PROJECT DESCRIPTION

The Rehabilitation Center is the converting of Edith Raftery Hall into school facilities and therapy units. The west wing of the present 100 Bed Ward will be converted into 10 Classrooms including Recreation and Crafts Area and Lounge. The east wing of Raftery Hall which is at present a 100 Bed Ward Unit will be converted into a Dental Suite, Exercise Room, a series of 2 Bed and 3 Bed Ward Units, Psychologist's Office, Medical Offices, Sociologist's Office, Secretarial Pool, and Speech Audio-Sound Booths.

PROJECT COST

A. Professional Services	
1. Architectural or Engineering .....	\$ 16,300.00
2. Surveys and other Site investigations .....	
B. Construction	
1. Structure (general, mechanical, electrical, fixed equipment)...	163,400.00
2. Services (sewers, water supply, etc., not within Structure)....	
3. Site (roads, walks, grading, etc., within project area).....	
C. Supervision (detailed supervision, not in A-1).....	2,300.00
D. Furnishings (furniture, equipment, etc., not in B-1).....	55,000.00
E. Other .....	
F. Total estimated cost of project .....	\$237,000.00
G. Cost per square foot .....	\$ 10.55

STATE PLANNING DIVISION RECOMMENDATION

Since construction of new housing financed from 1960 appropriations must be completed before any remodeling of Edith Raftery Hall can be undertaken, and since such construction cannot be completed until some time in 1962, it is recommended by the Advisory Board of the State Planning Division that financing of this project be deferred until 1962 and that only \$12,500.00 be provided at this time for the preparation of plans.



INSTITUTION State Home & Training School, Wheat Ridge

PROJECT Heating Plant & Utilities

PROJECT DESCRIPTION

The utilities system at the State Home & Training School must be augmented and extended to handle the expansion program. Five buildings were approved for construction in last year's appropriations. The master plan envisions other facilities to meet the ultimate need.

The total cost of conversion of the existing heating plant plus the gas service line cost as of now would amount to \$118,500.00. The analysis by Stuart R. Colson, P.E. indicates a saving of \$13,675.61 per year as a result of the proposed conversion of the plant to gas firing. This means that the total investment of \$118,500.00 would be written off in approximately 8.6 years by reason of the increased fuel savings.

PROJECT COST

A. Construction	
1. Conversion of Boiler Plant (coal to gas) .....	\$ 88,500.00
(a) New 6" gas line to existing boiler plant approx. one mile in Kipling Street .....	30,000.00
2. New Sanitary sewers for north area construction plus increased main sewer in Kipling Street.....	66,900.00
3. New 100,000 gal. water storage tank.....	50,000.00
4. New pump station and pumps close to Arvada's 2½ million gallon water reservoir on Wheat Ridge property .....	9,200.00
5. New water distribution piping from new 100,000 gallon reservoir to North and South Campus including 14 fire hydrants and fire loop piping.....	50,000.00
6. Intercommunication and fire alarm systems.....	16,000.00
7. New primary electrical system to serve North area construction .....	29,000.00
8. Site development, sidewalks, curbs, roads serving North area construction.....	38,000.00
9. New steam distribution lines and pressure reducing station serving South & West area new construction....	6,000.00
10. New steam distribution system from existing boiler plant to North area construction.....	85,000.00
11. New domestic gas line to serve North area construction....	6,400.00
	<hr/>
	\$475,000.00
B. Architects' fees .....	\$ 1,000.00
C. Engineering fees and contingencies @ 9% .....	37,625.00
	<hr/>
Total estimated cost .....	\$513,625.00

STATE PLANNING DIVISION RECOMMENDATION

INTRODUCTORY. The 42nd General Assembly appropriated \$500,000.00 for "site development and utilities extension" to serve an expanded building program



STATE PLANNING DIVISION RECOMMENDATION (cont'd)

at the State Home and Training School at Wheat Ridge. Part of the appropriation was to be used for the acquisition of additional land to accommodate the new buildings in the expanded program and the balance was to be used for utilities. Engineering studies of the existing heating plant system indicate that the present plant should be expanded to provide for the building expansion instead of building a second plant as was originally proposed. Also the engineers recommend conversion of the heating plant system to gas for fuel as an economy measure. The electrical system and water and sewer lines have to be extended and improved.

Total cost of the utility improvements is estimated at \$513,625.00 by the engineers. The five (5) parcels of land proposed for purchase are appraised at \$177,650.00 in 1960 as compared with an appraisal of \$161,500.00 in 1959.

These added costs for the utilities and land acquisition makes the total cost of "site development and utilities extension", \$691,275.00. On this basis, an additional appropriation of \$191,275.00 is required to provide for the land acquisition and utility services that are needed.

Recommended by the Advisory Board of the State Planning Division that \$191,275.00 be approved as additional appropriation for site development and utility extension.

PP-51-60  
PP-52-60  
PP-53-60  
PP-54-60  
PP-55-60

CC 12-3

INSTITUTION State Home & Training School, Wheat Ridge

PROJECT Land Acquisition

PROJECT DESCRIPTION

This land is necessary for future expansion, construction of new buildings and agricultural use of the farming land. Construction of new buildings (this coming year) across Ridge Road north of the campus will seriously delete some of the School's most valuable crop lands.

PROJECT COST

- PP-51-60 Parcel #4, 10 acres  
Legal description: 5105 Miller Street, 10 acres located in NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , Section 16, Township 3, Range 69W
- PP-52-60 Parcel #29, 1 acre  
Legal description: 5185 Miller Street, 1 acre located in S142, N198, E $\frac{1}{2}$ , NW $\frac{1}{4}$ , Section 16, Township 3, Range 69W
- PP-53-60 Parcel #47, 1.54 acres  
Legal description: 5189 Miller Street, 1.54 acres located in NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , Section 16, Township 3, Range 69W
- PP-54-60 Parcel #9, 8.19 acres  
Legal description: 10405 W. 52nd Avenue, 8.19 acres located in SW $\frac{1}{4}$ , NE $\frac{1}{4}$ , Section 16, Township 3, Range 69W
- PP-55-60 Parcel #15, 19 acres  
Legal description: 4993 Miller Street, 19 acres located in SW $\frac{1}{4}$ , NE $\frac{1}{4}$ , Section 16, Township 3, Range 69W

STATE PLANNING DIVISION RECOMMENDATION

INTRODUCTORY. These parcels of land were recommended for purchase in 1959 by the Advisory Board of the State Planning Division. Funds for the acquisition of the land were appropriated in the 1960 session of the 42nd General Assembly, however, additional legislation is required which will provide legal descriptions of the land proposed for purchase, based on an opinion of the Attorney General of Colorado.





15

19 ACRES

9

8.19 ACRES



R.R.

RIDGE ROAD

R.R.

47

1.54 ACRES

29

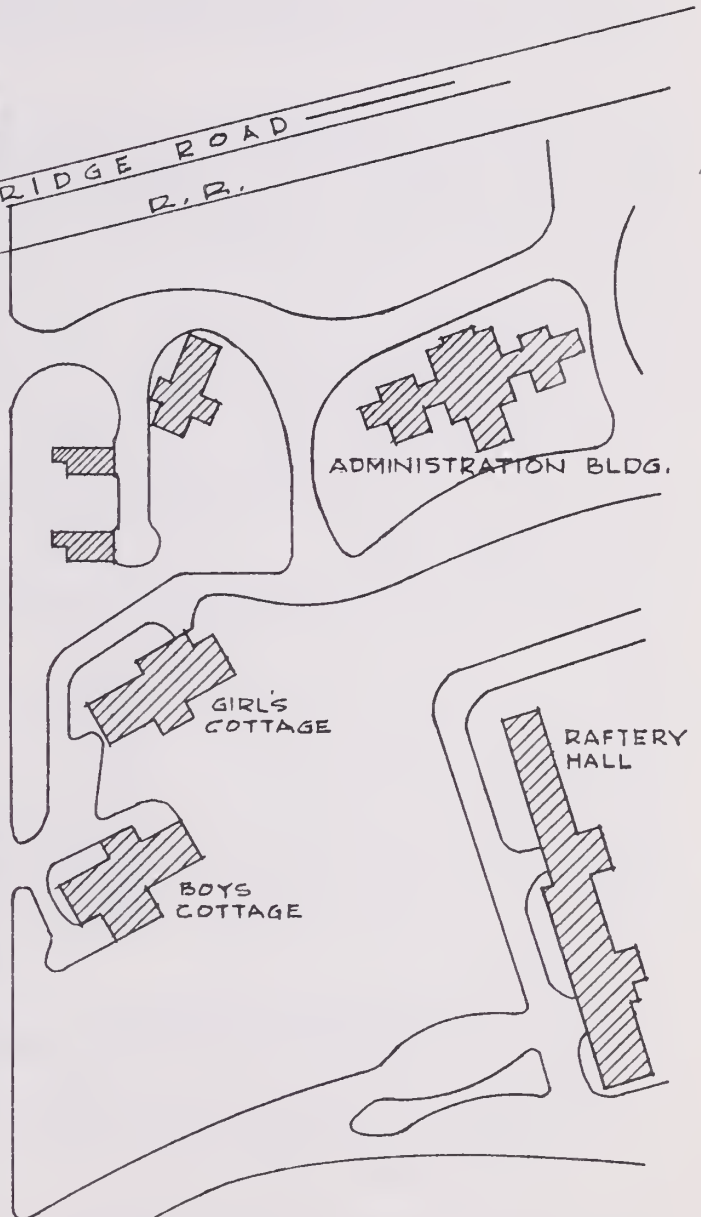
1 ACRE

15

4

10 ACRES

MILLER STREET



PP- 51, 52, 53, 54, 55-60  
LAND ACQUISITION  
STATE HOME & TRAINING SCHOOL  
WHEAT RIDGE

AGENCY Department of Rehabilitation

PROJECT Pre-Vocational Building and Equipment at  
State Home and Training School, Wheat Ridge

PROJECT DESCRIPTION

The proposed building is designed to provide for pre-vocational and some vocational training in order to prepare inmates to be better adjusted when they are referred to a job, either in the institution or on the outside.

The building will be designed to provide rooms for the training of two classes of 10 children each. The facility will include two class rooms of approximately 1500 square feet, a small office for individual counseling purposes and toilet facilities for both boys and girls. This will require modifications of the present building such as partitions, new roof, and tiling of the floor.

The program plan for the vocational building will include training in a number of skills which will enable the instructors and the vocational counselors to evaluate the progress the individual is making with his program. This will enable them to be moved at the appropriate time into the next phase of the training program until the termination is reached.

The building used will be the old paint shop, plus construction of an addition to the building of approximately 1600 square feet.

PROJECT CONSTRUCTION

Structure to blend with the old building exterior

FINANCING:

Walls .....	brick	State 40%	\$14,700
Roof .....	composition type roof	Federal 60%	<u>22,800</u>
Windows .....	suitable	Total	\$37,500
Floor .....	tile		
Interior walls .....	plastered and painted		
Ceilings .....	Acoustical tile		
Plumbing .....	institutional fixtures		
Heating .....	steam from institution system		
Electrical .....	same as they provided in the present buildings		

Also equipment would be occupational equipment needed for instruction in spray painting

Tools needed in furniture refinishing

Equipment needed to set up a suitable program for training in sewing for the girls

Equipment needed to furnish wood-working shop

TOTAL AMOUNT REQUESTED FROM STATE . . . . . \$ 14,700

STATE PLANNING DIVISION RECOMMENDATION

The request for this project was received by the Public Works Section of the State Planning Division December 5, 1960. The proposal is transmitted without recommendation.

INSTITUTION Colorado State Penitentiary, Canon City

PROJECT Remodeling Old Hospital and Razing Cell House Five

PROJECT DESCRIPTION

Facilities are needed for the following: Doctor's Office, Doctor's Lounge, Psychology Department, Rehabilitation Office, Dental Office, Laboratory, Inmate Personnel Living Quarters. Previous planning indicated the Old Hospital could be remodeled at a lower cost rather than building new space to accommodate the necessary facilities.

Included in these plans is the razing of Cell House Five to provide room for an exercising yard for Hospital patients and personnel. Cell House Five's present structure is impossible to remodel for any beneficial use. Public Works Section of State Planning Division has confirmed that remodeling this structure for further use would be inadvisable.

PROJECT CONSTRUCTION

Structure .....	Stone masonry & stucco
Roof .....	Reinforced concrete slab with built-up composition
Windows .....	Steel projected
Floor Covering .....	Vinyl asbestos
Interior Walls .....	Concrete block plastered
Ceilings .....	Hardwall plaster
Plumbing .....	Institutional fixtures

PROJECT COST

A. Construction (remodeling).....	\$ 27,350.00
B. Supervision .....	7,650.00
	<hr/>
Total Project Cost .....	\$ 35,000.00

STATE PLANNING DIVISION RECOMMENDATION

INTRODUCTORY. The State Penitentiary has had a building mill of .11994 mill which has been providing approximately \$425,000.00 annually for new construction required at the institution. This mill levy expired in 1960, with final collections to be made in 1961. However, the income is not sufficient to finance the four projects requested by the State Penitentiary totaling \$433,314.00.

Recommended by the Advisory Board of the State Planning Division that the four projects be approved in the lump sum of \$433,000.00 in order that projects that run above their estimate of cost may be offset by other projects that run under the estimate.

INSTITUTION Colorado State Penitentiary, Canon City

PROJECT Medium Security Project 470, Phase A

PROJECT DESCRIPTION

Phase A, Medium Security Penitentiary, when completed will have cell house facilities to house 300 men, kitchen equipment to serve 1000, dining space to serve 530. Medium Security is so designed that if in the future any additional housing is needed, all utilities are provided for and will not require additional work.

Laundry and barber equipment will be sufficient to take care of 600 men for any future expansion that may occur from an increase in population in future years. This equipment will make it possible for the Medium Security Institution to do its own complete laundry and to handle Ranch One and the Dairy located in the immediate vicinity. With these facilities, the Laundry portion of this Institution will be self-sustaining and will not require any transfer of laundry between it and the main Institution, thereby minimizing security risk.

PROJECT COST

The following is a summary of remaining purchases for the Medium Security Project, Phase A:

1. Kitchen and Dining Equipment .....	\$ 67,544.00
2. Heating and Ventilating .....	27,235.00
3. Lighting .....	25,000.00
4. Paint (Including Vitra Glaze) .....	38,515.00
5. Plastering .....	6,213.00
6. Guard Tower Windows .....	2,744.00
7. Floor Covering .....	2,000.00
8. Cement .....	6,000.00
9. Reinforcing Steel .....	5,000.00
10. Glass and Glazing .....	2,000.00
11. Lumber .....	7,500.00
12. Laundry and Barber Equipment .....	45,000.00
13. Plumbing .....	15,500.00
14. Wages .....	40,000.00
	<hr/>
Total .....	\$290,251.00
Contingencies .....	<hr/> 24,525.00
Total needed for Completion.....	\$314,776.00
Balance in Project #470-Phase A.....	<hr/> 104,000.00
Funds needed to complete Project.....	\$210,776.00

STATE PLANNING DIVISION RECOMMENDATION

Included in total of \$433,300.00 recommended. See PP-71-60.



INSTITUTION Colorado State Penitentiary, Canon City

PROJECT Electrical and Sound System--Phase I

PROJECT DESCRIPTION

At the request of the Colorado State Penitentiary, the firm of Parker and Associates of Pueblo, Colorado, was engaged to begin a survey of the Electrical System for the Penitentiary. The engineering project was to be split into phases. Phase 1 consists of items considered critical and/or hazardous. These items should be corrected as soon as possible. Continuation of the survey will bring a report and conclusions upon less pressing items not included in Phase 1. In the course of the continued survey, revisions will be necessary to Phase 1; but the engineers are certain the budget cost figures will not be materially altered.

PROJECT CONSTRUCTION

1. Primary Electric System .....	\$ 32,329.00
2. Secondary Vault Panels and Feeder Circuits .....	15,753.00
3. Sound System .....	25,490.00
4. Re-Wire Cell House 6 .....	3,091.00
5. Re-Wire Cell House 7 .....	6,226.00
6. Floor Lighting .....	3,000.00
7. Women's Dormitory Re-Wiring .....	<u>9,600.00</u>
Total Estimated Material Cost .....	\$ 95,489.00

PROJECT COST

1. Total Estimated Material Cost .....	\$ 95,489.00
2. Plus 10% for Engineer Fee for Preparation of Specifications and Supervision .....	<u>9,549.00</u>
TOTAL Project Cost .....	\$105,038.00

STATE PLANNING DIVISION RECOMMENDATION

Included in total of \$433,300.00 recommended. See PP-71-60.

INSTITUTION Colorado State Penitentiary, Canon City

PROJECT Vocational Equipment

PROJECT DESCRIPTION

1. The proposed equipment is designed to provide vocational training for 100 to 150 inmates.

The Colorado State Penitentiary is in need of this type of training since all our training in the past has been solely connected with maintenance and construction work. This latter type of training is not recognized by any authority in Vocational Training. With this vocational training it will be possible for us to become approved under Government Surplus Property purchases. We do plan to use these men in some maintenance jobs after they have received proper vocational training. By making this Program two-fold, Medium Security will be able to handle their own maintenance work.

This Vocational Program with recognized Vocational Instructors will give our inmates a chance to secure employment with outside employers.

Vocational instruction will be given in the following trades:

1. Welding
2. Machine Shop
3. Automotive (Mechanical and Body Repair)
4. Tin and Sheet Metal--Sheet Metal Work
5. Electrical

These are the major Vocational Trades and any man proving proficient in these trades can usually find employment.

This Vocational Training Program was a part of the Planning of Medium Security at the outset and is a very important functional phase of the Medium Security Program.

Three Hundred inmates that will be housed on the first phase of Medium Security will have to have some active training program, since there will be no work involved by these inmates in our Industrial Program, although many of them when time permits will be utilized on the Farm Program.

The following equipment is needed for the Vocational Shop Building at the Medium Security Penitentiary:

9 - Benches and Equipment for Booths	1 - Surface Plate - 24" x 48"
7 - Rectifiers	1 - Shear, 12-ga. PEXTO 12-U-4
2 - Generators	Power Shear
1 - Heliarc Equipment	2 - Bench Grinders
12 - Steel Stand Holders, Oxygen & Acetylene Cylinders & Cutting Torch Equipment	1 - Hammond Pedestal Tool Grinder
2 - Work Tables	1 - Bar Shelver, 1' x 9' x 7' Steel Bench with Six Open Shelves
2 - Cooling Tanks (Portable)	1 - Sheet Metal Bench
	1 - Brake, PEXTO 8-Foot Box Brake



1. PROJECT DESCRIPTION (cont'd)

- |   |  |
|---|--|
| 2 - Anvils on Steel Stands  | 1 - Pipe Machine, 2' x 6' x 3' Steel Bench with BTM Shelf          |
| 1 - Cutting Table   | 1 - Stock Rack (Pipe and Bar) 1' x 20' x 7' steel Frame w/Brackets |
| 1 - Portable Steel Holder--Oxygen and Acetylene Cylinders & Cutting Torch | 1 - Hydraulic Hoist  |
| 1 - Combination Shear Punch & Coper--No. 3-Kling, 3-H.P.                  | 3 - Grease Equipment - Lincoln Portable Cabinets                   |
| 1 - Vises, Bench Type   | 12 - Bench, 2' x 4' x 3'   |
| 1 - Gap Lathe   | 8 - Cabinets, Steel Tool Cabinets with Four Shelves with Doors     |
| 5 - Engine Lathes   | 1 - Alignment Equipment Machine                                    |
| 2 - Screw Cutting Machines (Lathes)                                       | 1 - Alignment Rack   |
| 1 - Turret Lathe  | 1 - Anvil, with Steel Block  |
| 2 - Milling Machines  | 1 - Vise, Bench, 2' x 3' x 3' Steel Bench with Swivel Vise         |
| 1 - Power Hacksaw   | 1 - Wheel Balancer   |
| 1 - Radial Drill  | 1 - Puller - Porter power Set                                      |
| 3 - Drilling Machines   | 1 - Metal Cutter   |
| 3 - Vise Benches  | 1 - Portable Arc Welder  |
| 1 - Shaper-8" Shaperite Hy-Duty Shaper, 3/4 H.P.                          | 1 - Portable Acetylene Welder                                      |
| 4 - Tool Cabinets   | 1 - Portable Motor Hoist - Two Ton                                 |
| 1 - Cutter and Grinder  | 4 - Floor Jacks  |
| 1 - Surface Grinder, 6" x 18"   | 2 - Tune-up Analyzer Sets  |
| 1 - Press, K.R. Wilson 50-Ton Powered Shop Press--5 H.P.                  | 1 - Generator Tester   |
| 1 - Battery Charger   | 1 - Hydraulic Hoist  |
| 1 - Bench Grinder   | 2 - Grinders on Steel Benches                                      |

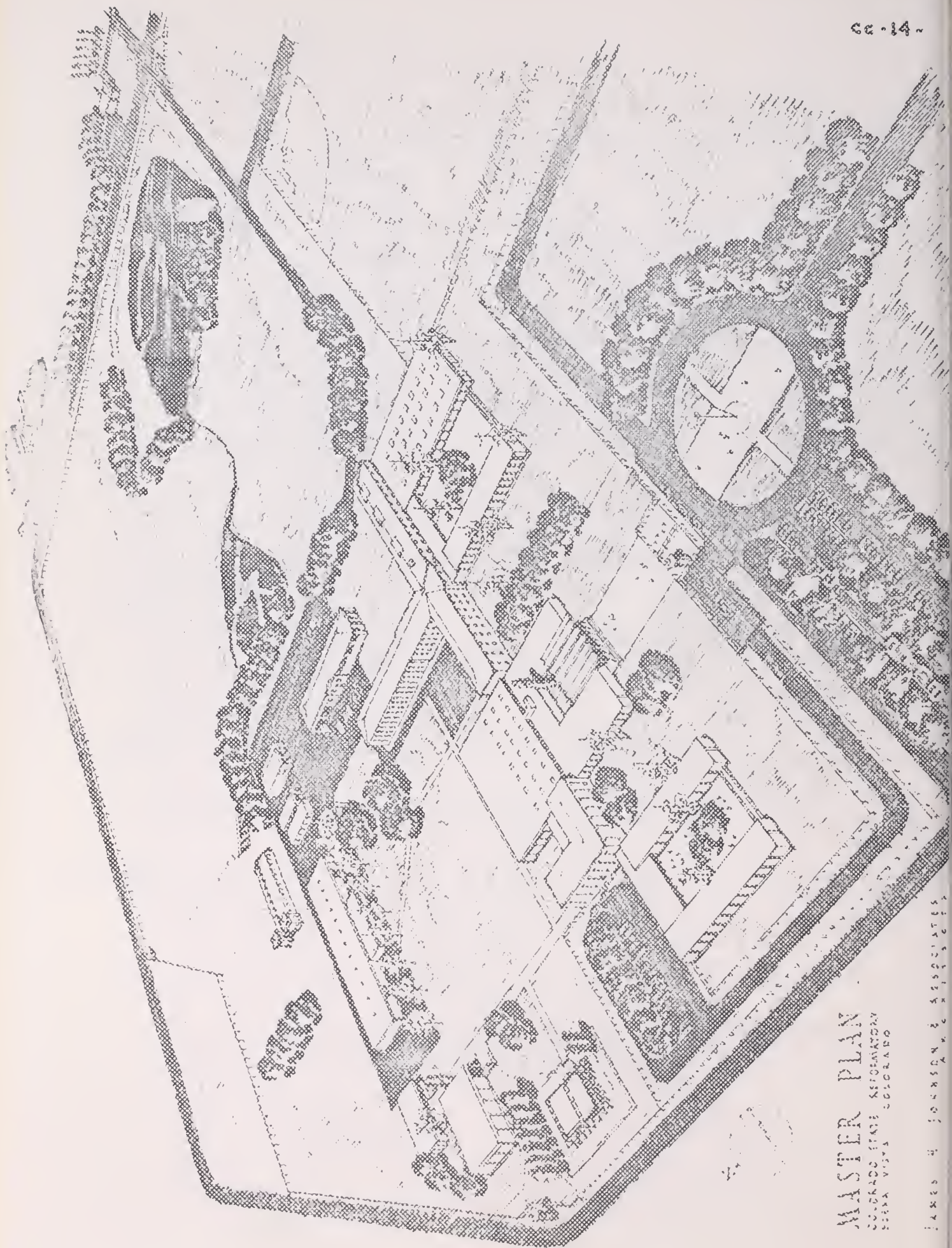
OTHER MINOR EQUIPMENT NECESSARY FOR THE OPERATION OF A STANDARD VOCATIONAL TRAINING PROGRAM.

The estimated cost of the above equipment, submitted by the Architect of Project #470, is \$82,500.00.

PROJECT COST . . . . . \$82,500.00

STATE PLANNING DIVISION RECOMMENDATION

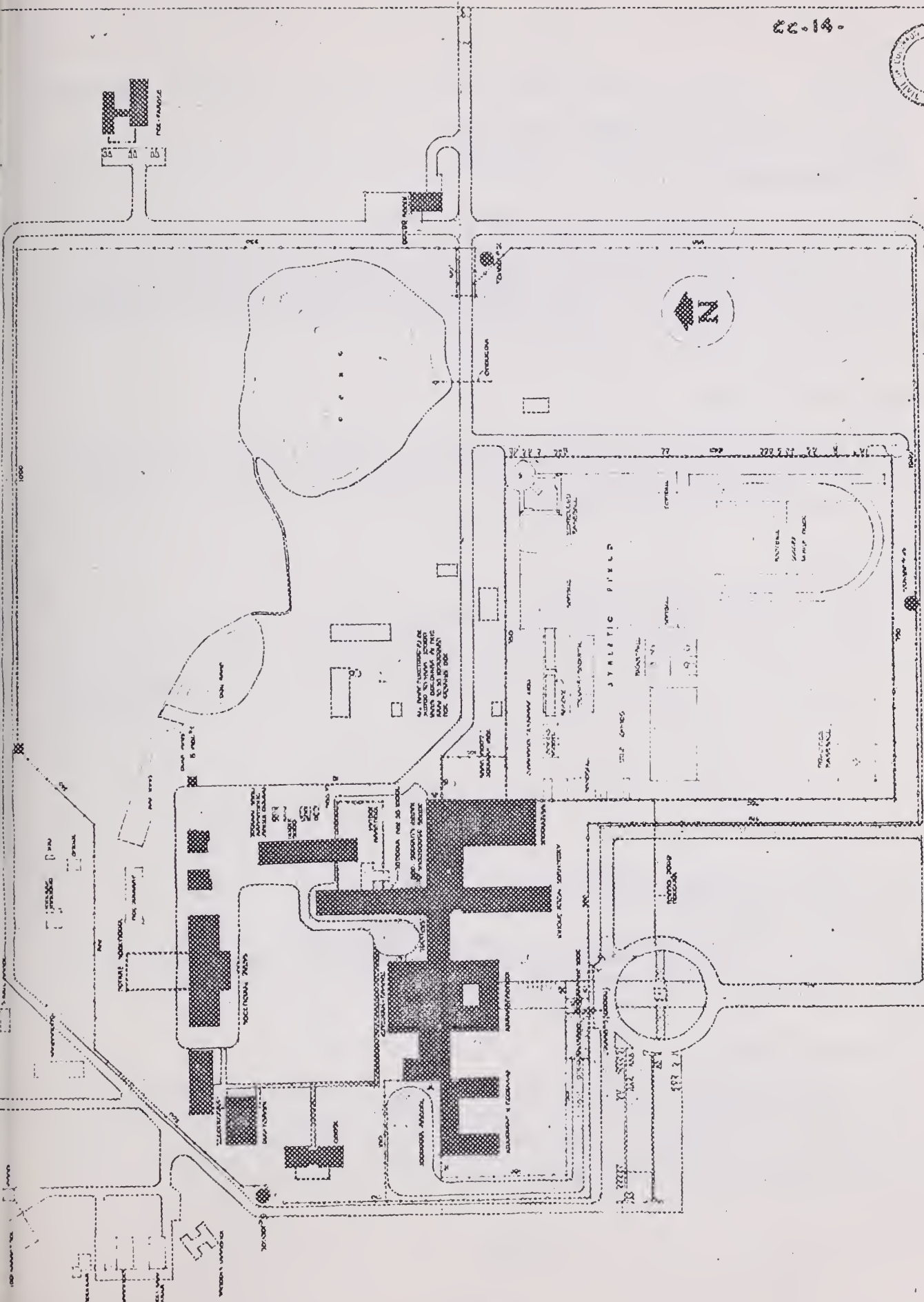
Included in total of \$433,300.00 recommended. See PP-71-60.



MASTER PLAN  
 COLORADO STATE INSTITUTIONS  
 STATE VISAS COLORADO

JAMES H. JOHNSON & ASSOCIATES





MASTER PLAN

COLORADO STATE REFRIGERATORY SUEVA YISTA, COLORADO



INSTITUTION Colorado State Reformatory, Buena Vista

PROJECT Adjustment and Receiving Building

PROJECT DESCRIPTION

The proposed cell blocks are to be placed on the south side at the west end of the main control corridor. A cell block for 74 new arrivals with its day room, and another block for 55 inmates requiring segregation plus an additional 19 isolation cells. Cells will be two tiers high. Each cell block and day room is arranged so that one guard, during day time use of the area, may supervise cell block and day room. For night time use, one guard can supervise the entire area by passage through the day rooms.

PROJECT JUSTIFICATION

Segregation of inmates is a necessity for proper rehabilitation. The institution is presently without sufficient facilities to house its current population in terms of segregation and security. This building will provide for current and future maximum security requirements.

PROJECT COSTS

a. New construction (26,610 sq.ft.)	
Remodel portion of existing Administration Building.	
1,730 sq. ft. at \$15.00 per sq. ft. ....	\$490,000.00
b. Jail Equipment .....	210,000.00
	<u>\$700,000.00</u>
c. 4-1/2% Fees and Contingencies .....	31,500.00
	<u>31,500.00</u>
TOTAL PROJECT COST .....	\$731,500.00

STATE PLANNING DIVISION RECOMMENDATIONS

Recommended for approval in the amount of \$731,500.00. In its 1960 session, the 42nd General Assembly appropriated \$26,000.00 towards the preparation of plans for this building, with financing of construction deferred to 1961.

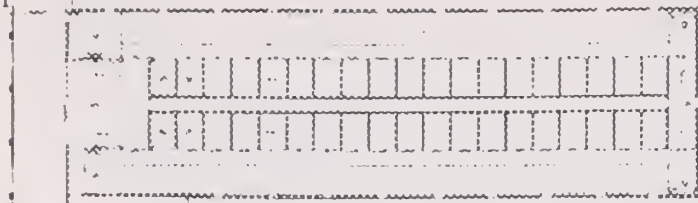
SUPPORTING STATEMENT

An estimated expenditure of \$3,284,365.00 will be required to bring the overall plan of development for the State Reformatory up to standards which will enable the management to house and care for the inmates properly, to carry on a rehabilitation program and to have facilities which will accommodate a population of around 650 as compared with the present population of 460.

SUPPORTING STATEMENT (cont'd)

An effort has been made to phase this construction over a period of the shortest time possible to enable the management to have the facilities needed, but long enough--three years--to provide for the careful expenditure of tax funds.

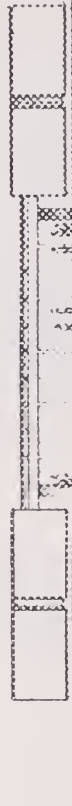
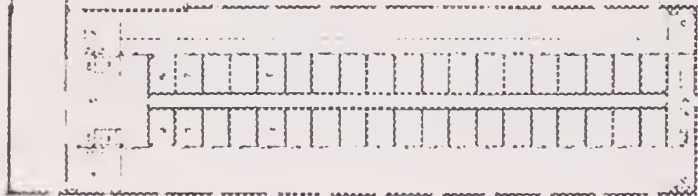
On this basis, the Advisory Board of the State Planning Division has recommended expenditures on six projects which will require a total of \$1,244,500.00 to be provided in 1961. This would leave slightly more than \$2,000,000.00 to be financed in succeeding years.



EAST ELEV.

PP-64-60  
Adjustment & Receiving Bldg.

COLORADO STATE REFORMATORY  
BUENA VISTA



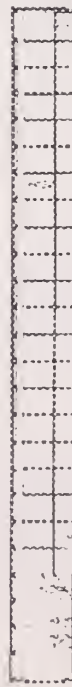
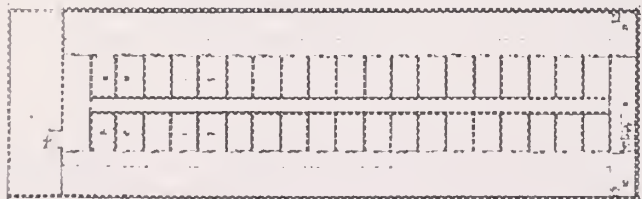
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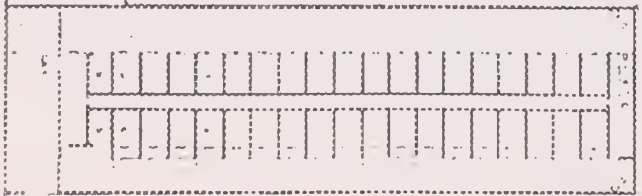
- 1. MAIN ENTRANCE
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- 5. WOMEN'S ROOM
- 6. RECEPTION
- 7. STORAGE
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EAST ELEV.



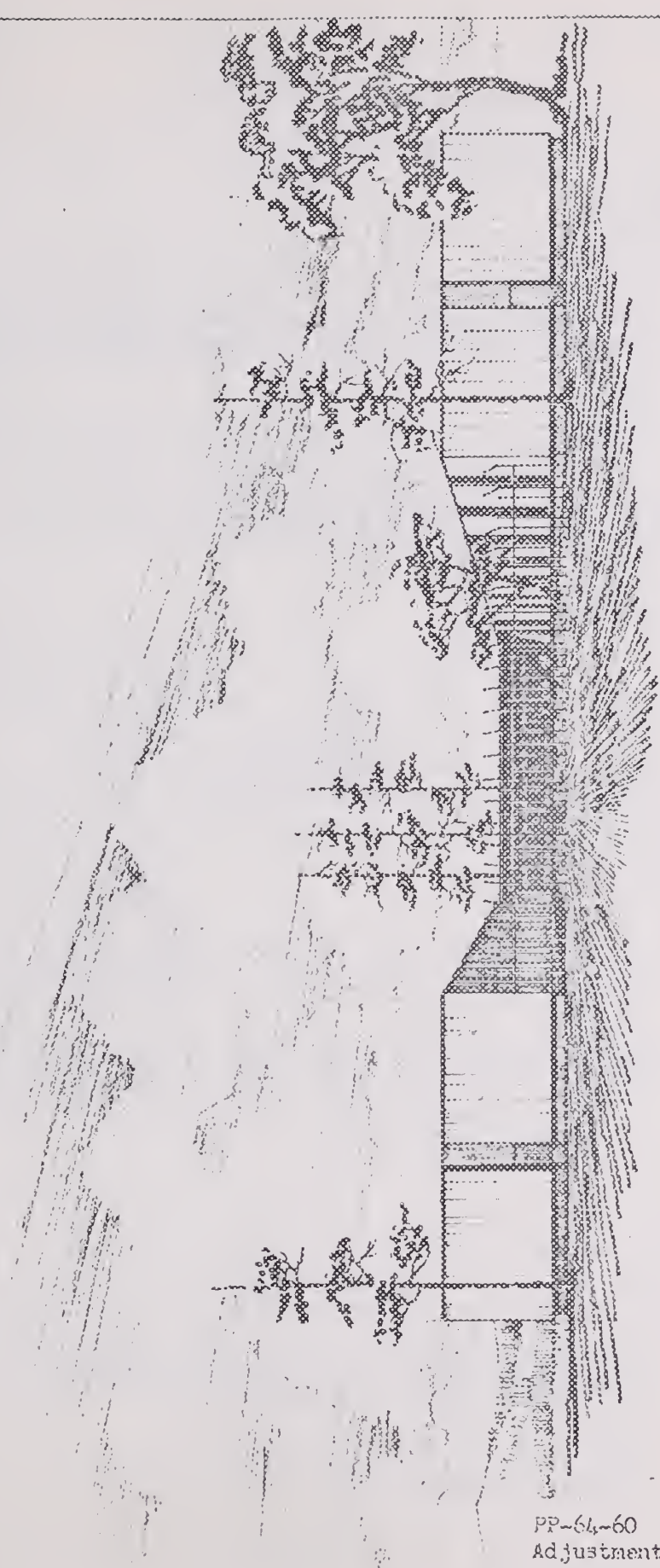
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EAST ELEV.



EAST ELEV.





83.12.1

ADJUSTMENT AND RECEIVING BUILDING  
COLORADO STATE REFORMATORY, BUENA VISTA, COLO.

JAMES H. JOHNSON & ASSOCIATES, ARCHITECTS

PP-64-60  
Adjustment & Receiving Bldg.

COLORADO STATE REFORMATORY  
BUENA VISTA

INSTITUTION Colorado State Reformatory, Buena Vista

PROJECT Single-Room Dormitory

PROJECT DESCRIPTION

The Single-Room Dormitory is a medium security housing element, to be located at the south side of the main control tower opposite the existing Services Building. The building will house 150 inmates with medium security classification in individual outside rooms. Day room, shower and guard facilities will be incorporated in the building.

PROJECT JUSTIFICATION

The design population for the reformatory requires housing for 300 medium security inmates. Present facilities provide for 150. Many inmates with medium security classification are now housed in minimum or maximum security areas.

BUILDING CONSTRUCTION

Structure .....	Reinforced concrete
Exterior walls .....	Architectural concrete
Roofing .....	Built-up composition
Flooring .....	Concrete
Interior walls .....	Reinforced concrete
Ceilings .....	Painted concrete
Plumbing .....	Special jail fixtures
Heating .....	Steam from existing central system; forced air ventilation; automatic temperature controls
Electrical .....	Jail vandal-proof electrical fixtures, where required
Special equipment .....	Cell front steel and jail equipment

<u>GROSS FLOOR AREA</u>	23,920 sq. ft.
	2,700 area below day-rooms for locker rooms related to field house.
TOTAL	<u>26,620 sq. ft.</u>

PROJECT COSTS

a. New building construction (23,900 sq. ft.) .....	\$ 500,000.00
b. Jail equipment .....	100,000.00
c. Remodel portion D-block, 2,000 sq.ft. @ \$5.00.....	\$10,000.00
Move elevator.....	<u>5,000.00</u> .. 15,000.00
d. 9% Fees and contingencies .....	58,995.00
e. Space for field house locker rooms, 2,700 sq.ft. @ \$15.00 .....	<u>40,500.00</u>
TOTAL PROJECT COST BASED ON (a,b,c,d, & e) .....	\$714,495.00

STATE PLANNING DIVISION RECOMMENDATION

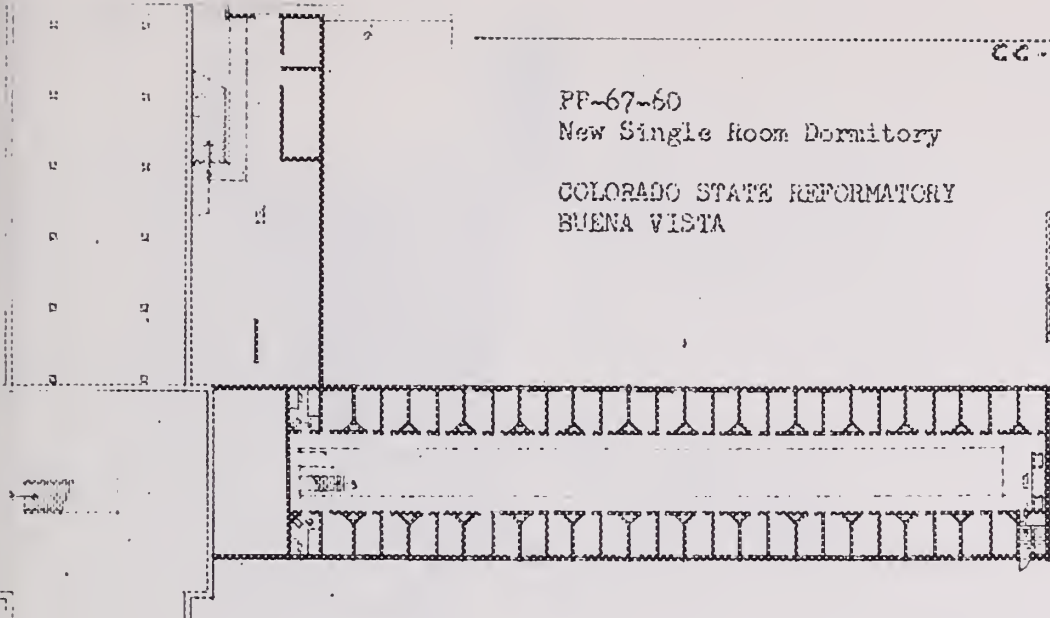
Recommended for approval by the Advisory Board of the State Planning Division in the amount of \$27,000.00 for the preparation of plans. Requested financing of construction to be deferred to 1962.



PF-67-60  
New Single Room Dormitory

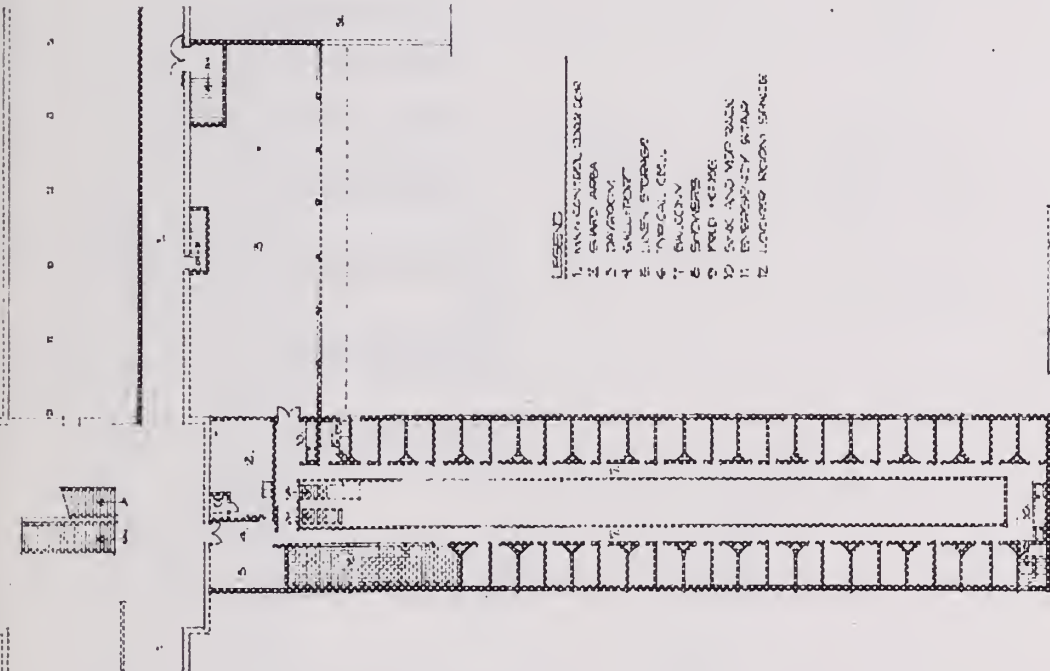
COLORADO STATE REFORMATORY  
BUENA VISTA

FIRST FLOOR

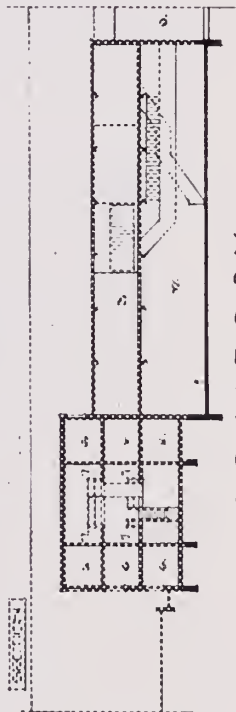
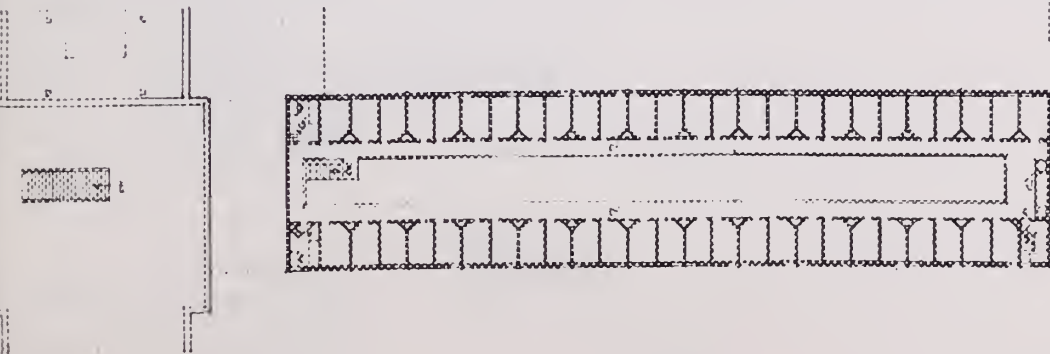


- LEGEND
- 1. MANICUTAL DRESSING
  - 2. WARD AREA
  - 3. BATHROOM
  - 4. GALLERY
  - 5. LINEN STORAGE
  - 6. TOILET AREA
  - 7. BALCONY
  - 8. SHOWERS
  - 9. PAID KITCHEN
  - 10. SINK AND WIPER
  - 11. EMERGENCY STAIR
  - 12. LOCKER ROOM STAIRS

SECOND FLOOR



THIRD FLOOR



SINGLE ROOM DORMITORY  
STATE REFORMATORY BUENA VISTA, COLORADO





56-14-2

JAMES H. JOHNSON & ASSOCIATES, ARCHITECTS

SINGLE ROOM DORMITORY  
COLORADO STATE REFORMATORY

PP-67-60  
New Single Room Dormitory

COLORADO STATE REFORMATORY  
BUENA VISTA

INSTITUTION Colorado State Reformatory, Buena Vista

CAPITAL IMPROVEMENTS

a. Perimeter fence lighting .....		\$ 42,000.00
b. A & B block window guards (material only, labor by institution).....		2,800.00
c. Landscaping .....		10,500.00
d. Black top .....		26,250.00
e. Completion of inter-com and paging system .....		11,725.00
f. Water main extension .....		5,700.00
g. Development of new recreation yard .....		26,250.00
h. Surveys:		
1. General (utilities & improvements).....	\$2,500.00	
2. Electrical .....	<u>1,500.00</u>	4,000.00
i. Guard towers - 4 @ \$9,350.00.....	\$37,400.00	
9% fees and Contingencies .....	<u>3,366.00</u>	40,766.00
		<hr/>
GRAND TOTAL, CAPITAL IMPROVEMENTS.....		\$169,991.00

STATE PLANNING DIVISION RECOMMENDATIONS

Recommended for approval by the Advisory Board of the State Planning Division, in the amount of \$165,000.00.



INSTITUTION Colorado State Reformatory, Buena Vista

PROJECT Remodeling of Existing Administration Building

PROJECT DESCRIPTION

Upon completion of the new administration building, the existing building will be remodeled to house facilities for new inmate processing, classification and parole offices. A new addition to house day rooms for existing "A" and "B" blocks will be provided. Showers, an organized guard area and a new stair from the cells to the main control corridor will be provided.

PROJECT COSTS

a. Remodeling:

6,350 sq. ft. at \$8.00 per sq. ft.  
(excepting corridor remodeling required for Receiving  
and Adjustment Building) ..... \$ 50,800.00

b. Additions:

2,520 sq. ft. at \$15.00 per sq. ft. .... 37,800.00

c. Jail Equipment ..... 8,000.00  
\$ 96,600.00

d. 10-1/2% Fees and Contingencies ..... 10,143.00

TOTAL PROJECT COST ..... \$106,743.00

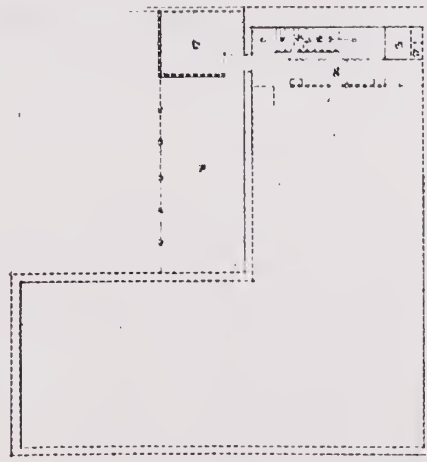
STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division in the amount of \$100,000.00.

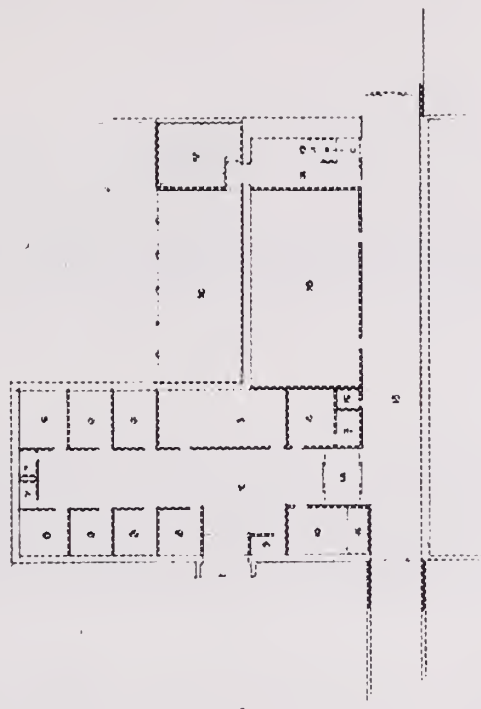


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27. RECEPTION  
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SECOND FLOOR PLAN



GROUND FLOOR PLAN

REMODELING OF OLD ADMINISTRATION BUILDING - INMATE ARRIVAL AND PAROLE FUNCTIONS

COLORADO STATE REFORMATORY BUENA VISTA, COLORADO

PP-59-60  
 Remodeling of Existing  
 Administration Building

COLORADO STATE REFORMATORY  
 BUENA VISTA

INSTITUTION Colorado State Reformatory, Buena Vista

PROJECT Second Boiler for Boiler House

PROJECT DESCRIPTION

This item includes a second boiler required to service the additional buildings included within the 1960-61 budget request.

PROJECT COSTS

Second Boiler .....	\$65,200.00
9% fees and contingencies .....	<u>5,900.00</u>
TOTAL PROJECT COST .....	\$71,100.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division in the amount of \$71,000.00.

INSTITUTION Colorado State Reformatory, Buena Vista

PROJECT Relocation of Farm

PROJECT DESCRIPTION

The proposed project basically consists of providing housing, employment and vocational training for 50 minimum security inmates in the form of dairy facilities and other farm operations, and is to be located at the existing farm of the Colorado State Reformatory, located 2½ miles south of the Reformatory buildings. The master plan indicates future development of this area into an organized agricultural farm to partially provide food for the institution.

PROJECT JUSTIFICATION

Existing facilities are inadequate and located immediately adjacent to the main buildings. This location of farm animals has caused an acute fly and insect problem and odors in the main area, particularly in the kitchen and dining rooms. All of these operations would be moved to the south farm.

BUILDING CONSTRUCTION

All buildings will be of incombustible construction. Inmate dormitory, guards' housing, creamery and pasteurization areas will be finished construction--reinforcing concrete, or steel structural frame. Barns will be of the exposed steel frame in accordance with the recommendations for this type of construction as furnished by the Colorado State University at Fort Collins. It is intended to build many of the barns from materials salvaged from Ft. Logan, with inmate labor, but from complete architectural drawings and services.

BUILDING AREAS

Dormitory 50 inmates at 150 sq. ft. each .....	7,500	sq. ft.
Guards' Quarters .....	1,200	"
Creamery and Pasteurization .....	1,500	"
Milking Barn .....	<u>1,200</u>	"
Total finished area .....		11,400 sq. ft.
Cow Barn .....	4,800	sq. ft.
Hay Barn .....	6,000	"
Two Heifer Barns .....	4,000	"
Calf Barn .....	3,200	"
Bull Barn .....	3,000	"
Grainery .....	2,800	"
Poultry .....	4,200	"
Swine .....	6,000	
Miscellaneous .....	<u>3,000</u>	<u>37,000</u> sq. ft.
GRAND TOTAL .....		48,400 sq. ft.

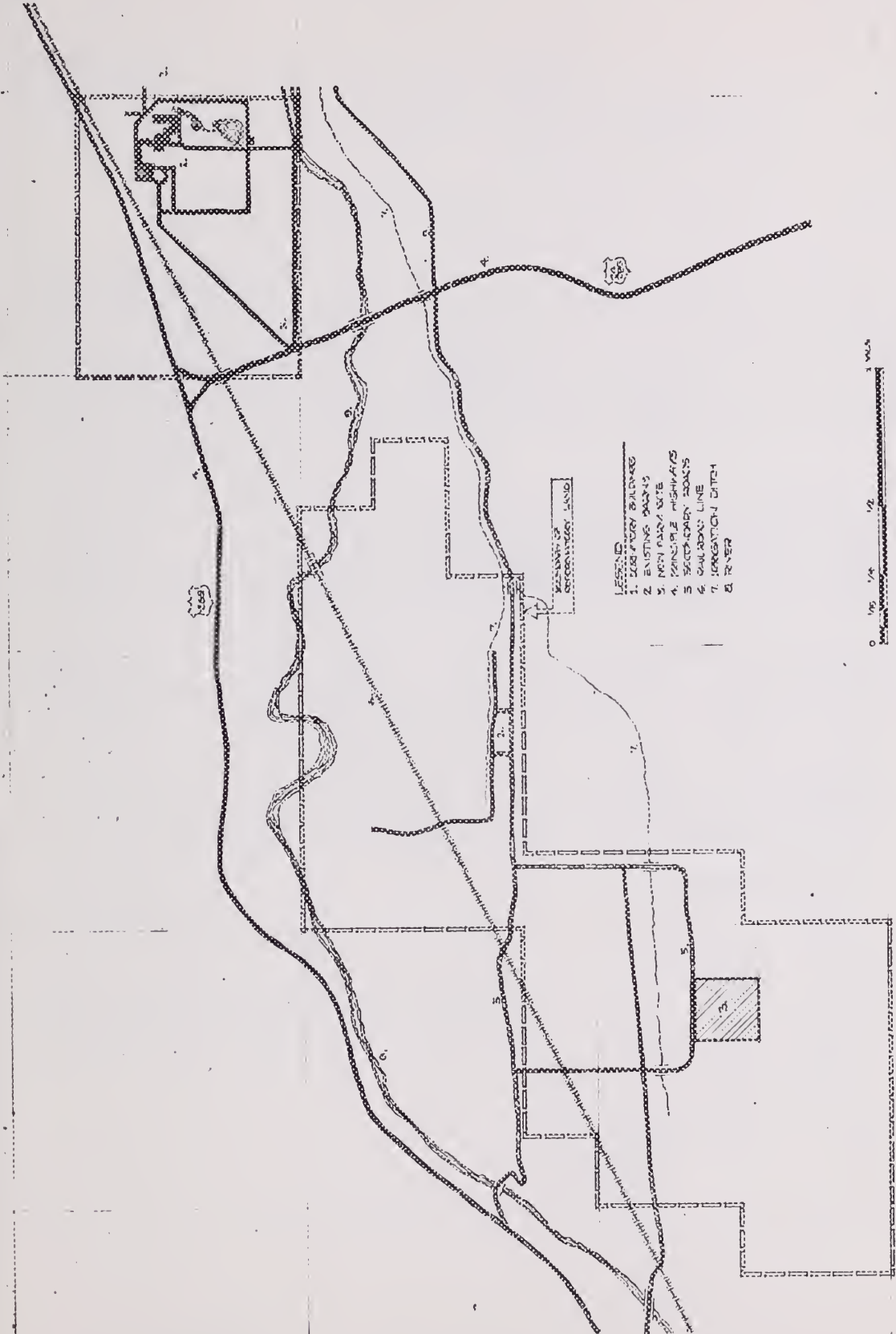
PROJECT COSTS

a. Dormitory 7,500 sq. ft. at \$18.00 per sq. ft. ....	\$135,000.00
b. Guards' Quarters 1,200 sq. ft. at \$18.00 per sq. ft. ....	21,500.00
c. Creamery and pasteurization 1,500 sq.ft. at \$18.00 per sq.ft. ...	27,000.00
d. Milking Barn, 1,200 sq.ft. at \$18.00 per sq. ft. ....	21,500.00
e. Barns: 37,000 sq. ft. at \$4.00 per sq. ft. ....	148,000.00
f. Heating (Ft. Logan boilers and stokers) ....	40,000.00
g. Domestic Water (including fire protection) ....	15,000.00
h. Dairy equipment ....	20,000.00
i. 9% fees and contingencies ....	38,520.00
<hr/>	
TOTAL PROJECT COST .....	\$466,520.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division for partial financing in 1961 in the amount of \$150,000.00. Additional financing later.





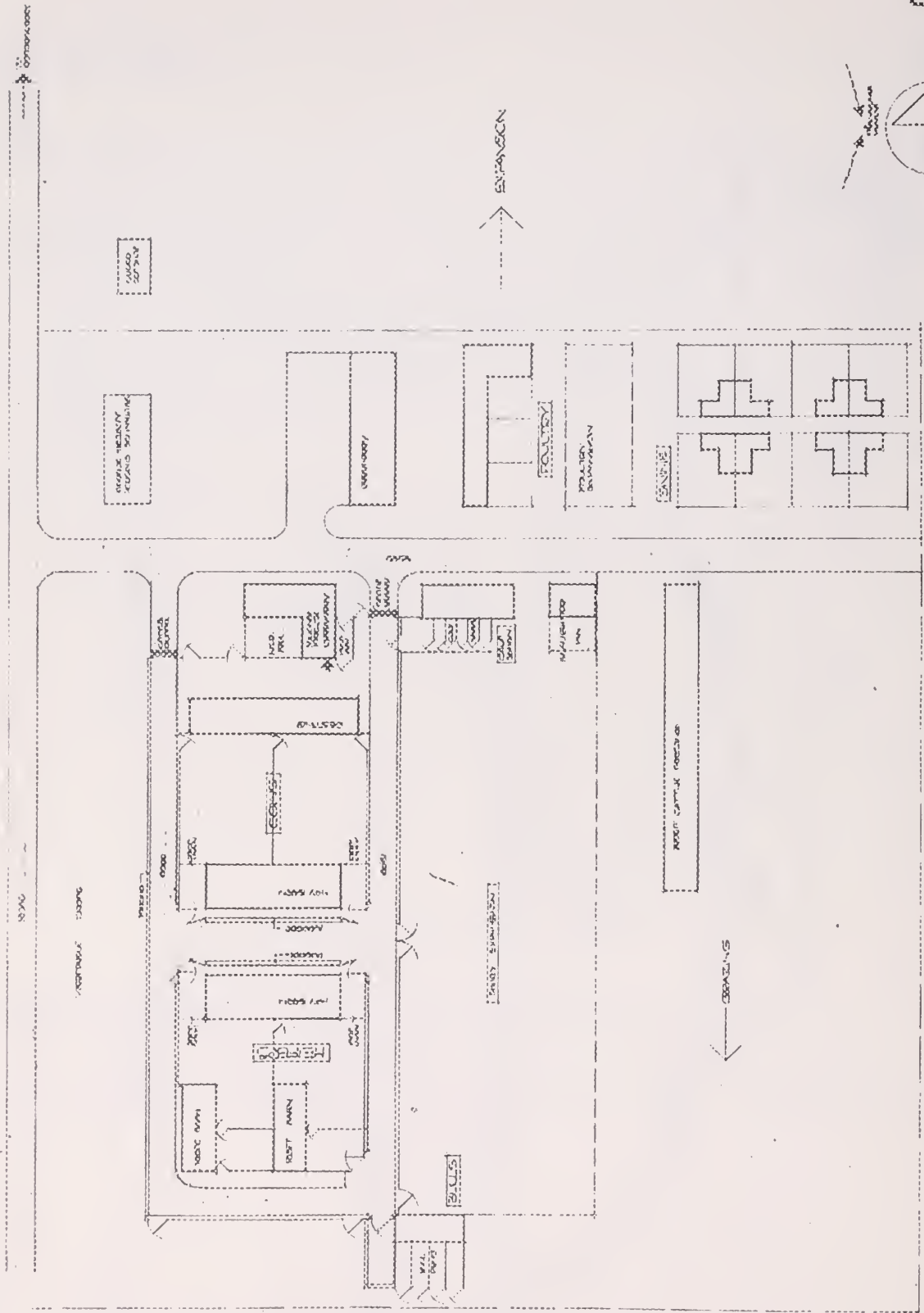
- LEGEND
- 1. EXISTING BUILDINGS
  - 2. EXISTING PAVINGS
  - 3. NEW PAVING SITE
  - 4. FENCE LINE
  - 5. EXISTING ROADS
  - 6. CALCULATED LINE
  - 7. IRRIGATION DITCH
  - 8. RIVER



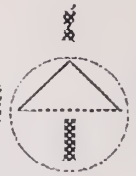
RELOCATION OF FARM  
 COLORADO STATE REFORMATORY BUENA VISTA, COLORADO

FP-66-60  
 Relocation of Farm

COLORADO STATE REFORMATORY  
 BUENA VISTA



20-14-47



SCALE 1/4" = 1'-0"



RELOCATION OF FARM

COLORADO STATE REFORMATORY, BUENA VISTA, COLORADO

PP-66-60  
Relocation of Farm

COLORADO STATE REFORMATORY  
BUENA VISTA

INSTITUTION Ft. Logan Mental Health Center

PROJECT Repair of Wooden Overhangs, Gutters, Downspouts,  
and Other Sheet Metal on 31 Housing Units

Reroofing of Building 26-27 and Repair of Sheet  
Metal and Wooden Overhangs

PROJECT DESCRIPTION

The present sheet metal work on gutters and downspouts has deteriorated to such a point that they are inadequate for caring for the flow of water from the roofs of dwellings. This has caused a great deal of dry rot in the wooden overhangs, and has affected the masonry work on the buildings to such an extent that unless corrected, it could eventually be the cause of structural failure.

Information from the Veterans Administration tends to indicate that it has been fifteen years since any preventive or corrective maintenance has been performed on the dwellings at Fort Logan. The master plan of Fort Logan calls for rental of these housing units to State Mental Health Center employees and they will be used for an indefinite number of years.

Bldg. 26-27. The roof of this building (installed 50-60 years ago) has disintegrated to such an extent that a complete re-roofing job is necessary to preserve, protect, and maintain the building. Temporary repairs were made this spring which will not last more than ten to twelve months.

The building is now in use and will be used to house fifty inmates from the State Reformatory and ten trustees from the State Penitentiary to assist in performing maintenance and ground work at Fort Logan.

PROJECT COST

Estimated Cost of re-roofing and repair ..... \$ 25,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$25,000.00.

INSTITUTION Ft. Logan Mental Health Center

PROJECT Water Rights

PROJECT DESCRIPTION

This is a request for a supplemental appropriation to Fund No. 6009-55, passed in House Bill No. 100 in January 1960, which set up \$25,000 for the acquisition of water rights for Fort Logan. The money presently appropriated is inadequate to acquire the water rights necessary to operate Fort Logan's irrigation system.

Fort Logan, through a water consultant, has located irrigation water in the amount of approximately 7 CSF in the Simonton Ditch, such water being tentatively committed to the State by the present owners for the sum of \$60,000.00. Additional funds in the amount of \$35,000.00 are necessary to consummate the transaction.

In addition, it will be necessary to request the courts of Colorado to permit a change in the point of diversion from the junction of the Bear Creek and Simonton Ditch to the junction of the Bear Creek and Harriman Ditch. It is anticipated that an additional \$5,000.00 may be necessary for court costs, attorney fees, and expert testimony in support of the State's case.

PROJECT COST

Additional funds to be added to Fund No. 6009-55 ..... \$ 40,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$40,000.00.

INSTITUTION Ft. Logan Mental Health Center

PROJECT Development of Irrigation System

PROJECT DESCRIPTION

By means of a diversion structure, supply line and the building of a storage reservoir, adequate irrigation water can be supplied to Fort Logan State Property. By erecting an earth dam in the southwest corner of the property, a good location for a storage reservoir is achieved. This site is nearest the source of supply and also at the highest point on the property. Any other location would be uneconomical because the supply line would have to be longer and location at a lower elevation would require more pumping. A minimum of existing buildings and obstructions would have to be removed. The dam would be built just to the south of Bldg. 244 and Bldg. 104.

PROJECT COST

A. Diversion structure .....	\$ 300.00
B. Supply line (2400 lin. ft.) .....	17,800.00
C. Reservoir -- earthwork, concrete lined spillway, rip-rap, drain line, gate structure, suction line, intake structure .....	50,350.00
D. Removal of buildings .....	1,400.00
E. Soil Testing (Boring) .....	<u>1,000.00</u>
 BASIC COST OF RESERVOIR .....	 \$ 70,850.00
F. Bentonite stabilization (47,000 SY @ \$1.00) .....	47,500.00
Contingencies (3%) .....	3,551.00
G. Professional Services	
Engineering (7%) .....	<u>8,533.00</u>
 TOTAL CONSTRUCTION COST .....	 \$130,434.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$130,000.00.



INSTITUTION Ft. Logan Mental Health Center

PROJECT Heating Plant

PROJECT DESCRIPTION

A separate heating plant for the complex of buildings at this Institution has been considered from the inception of the program. Savings in the individual buildings result in not providing a heating plant for each unit.

It is proposed to construct the plant in stages as the Institution develops, and all planning and layout of the plant will be done with this in mind. The initial installation, however, will have to provide the ultimate space required for control areas, pumping facilities and other such areas. In the first state, the building will require about 6,000 sq. ft., and will be located near the Medical-Surgical Building in an area convenient for construction of a laundry at a later date. The initial boiler installation will probably be two twenty-million BTU boilers with all necessary pumping and control equipment.

PROJECT COST

1. Construction .....	\$ 450,000.00
2. Architect's fees @ 6% .....	27,000.00
3. Contingencies @ 3% .....	<u>13,500.00</u>
 TOTAL ESTIMATED COST .....	 \$ 490,500.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$490,500.00.

INSTITUTION Ft. Logan Mental Health Center

PROJECT Medical-Surgical Unit and Diagnostic Facilities, 125 Beds

PROJECT DESCRIPTION

This facility is planned to serve not only the first increment of 250 beds (including the Medical and Surgical Building) but the future increments (of 200 to 250 beds each) as well. It will contain the diagnostic and special treatment of the physically ill. These facilities consist of Examination and Treatment rooms for Eye, Ear, Nose and Throat; Dental Suite; Laboratory; Electro-cardiogram; Metabolic and Electroencephalogram; Morgue and Autopsy; Radiography; Pharmacy; Physical Therapy; Emergency Treatment; Central Sterilizing, and Surgical Suite.

The building (which will serve also the later increments) is planned to have a total of five nursing units as follows:

Two nursing units (2 story) one for the seriously physically ill, as well as the mentally ill; one for the convalescent-wholly or partially ambulant physically and mentally ill.

Two nursing units for the chronic physically ill who require a large proportion of long-term bedside care.

One nursing unit to be chiefly used by new geriatric patients who would need hospitalization, but not require the same type of program which would be in effect in the Receiving and Intensive Treatment Units.

The facility would also contain administrative, dietary and storage facilities.

PROJECT CONSTRUCTION

Structure .....	Concrete
Exterior Walls .....	Face brick and block back-up; stone trim at column bents
Roofing .....	Built-up composition
Windows .....	Aluminum projected; detention screens
Floorings .....	Terrazzo in rooms; resilient tile in corridors and lobbies
Interior Walls .....	Block with plaster and tile
Ceilings .....	Acoustical tile and plaster
Plumbing .....	Conventional and institutional
Heating .....	Radiant heat in slabs on grade; convectors in remaining areas; forced warm air in interior spaces, with separate exhaust.
Electrical .....	Conduit, fluorescent and incandescent
Special Equipment ..	Laboratory; radiographic; physiotherapy; dental; eye, ear, nose and throat; pharmacy; central sterilizing; examination and treatment equipment and (future elevator).

PROJECT COST

A. Construction (general, electrical, mechanical).....	\$ 1,971,600.00
B. Contingencies @ 4% (includes site work) .....	79,064.00
C. Professional services -- Architect Fees @ 6% .....	118,596.00
	<hr/>
	\$ 2,169,260.00

1. Sq. ft. cost 65,720 sq. ft. @ \$ 30.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$2,100,000.00.

INSTITUTION Ft. Logan Mental Health Center

- PROJECT
1. Additional Two Floors; Wing of Center Complex
  2. Equipping Two Floors; Wing of Center Complex

PROJECT COST

The structural system and finish materials will be a continuation of the first increment of this hospital which is now an authorized project. The additional two floors will contain Medical Library Staff Seminar and Training Facilities and Staff Offices.

1. Additional Two Floors

A. Construction @ \$23.00 sq. ft. ....	\$ 228,200.00
B. Contingencies @ 4% .....	6,846.00
C. Professional Services -- Architect Fees @ 6% .....	13,692.00
	\$ 248,738.00

2. Equipment ..... \$ 35,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$248,700.00.

Recommended that \$35,000.00 equipment item be deferred to 1962.

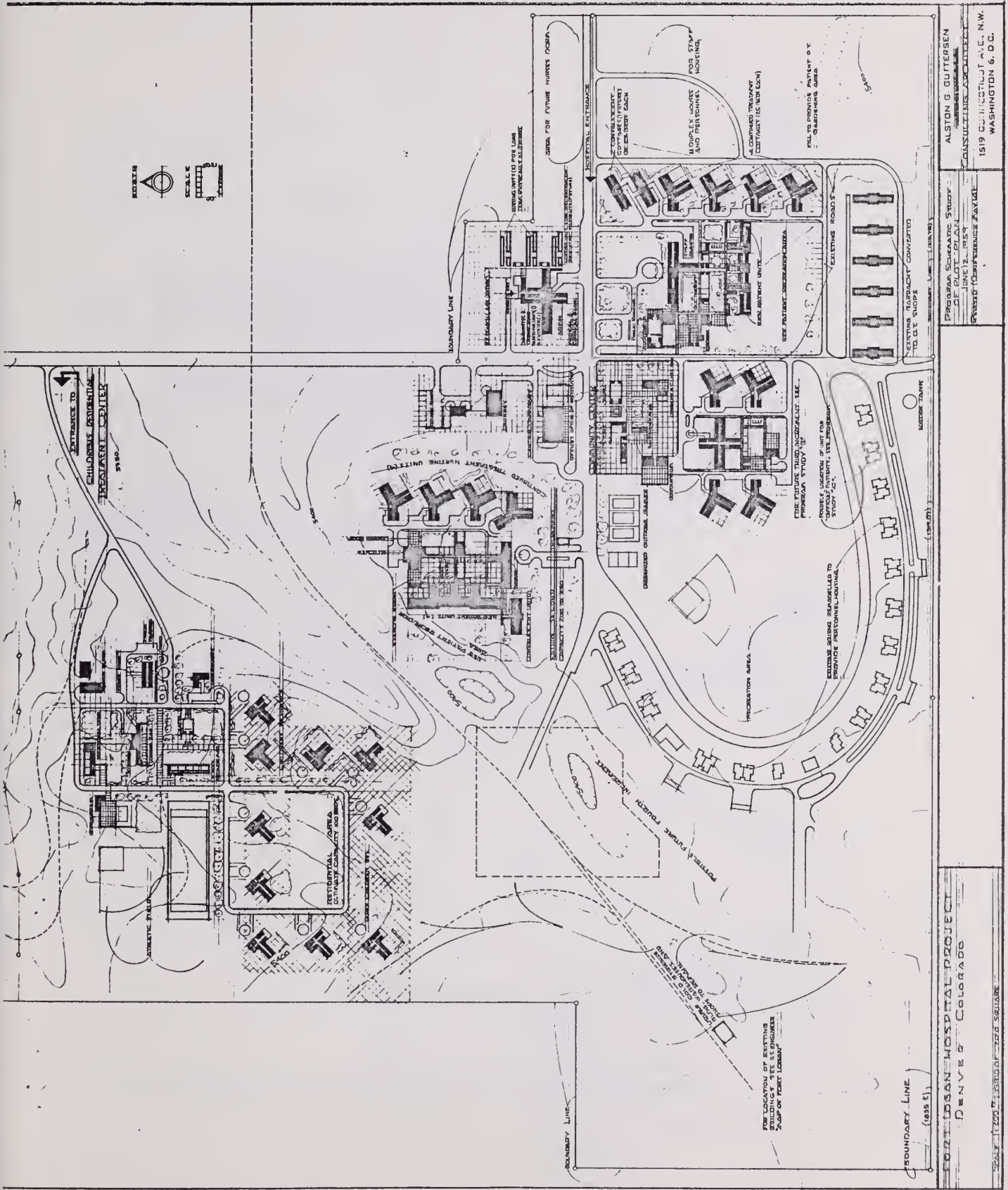




J. P. BRITTON DEL. 60

PROPOSED DEVELOPMENT  
FORT LOGAN MENTAL HEALTH CENTER

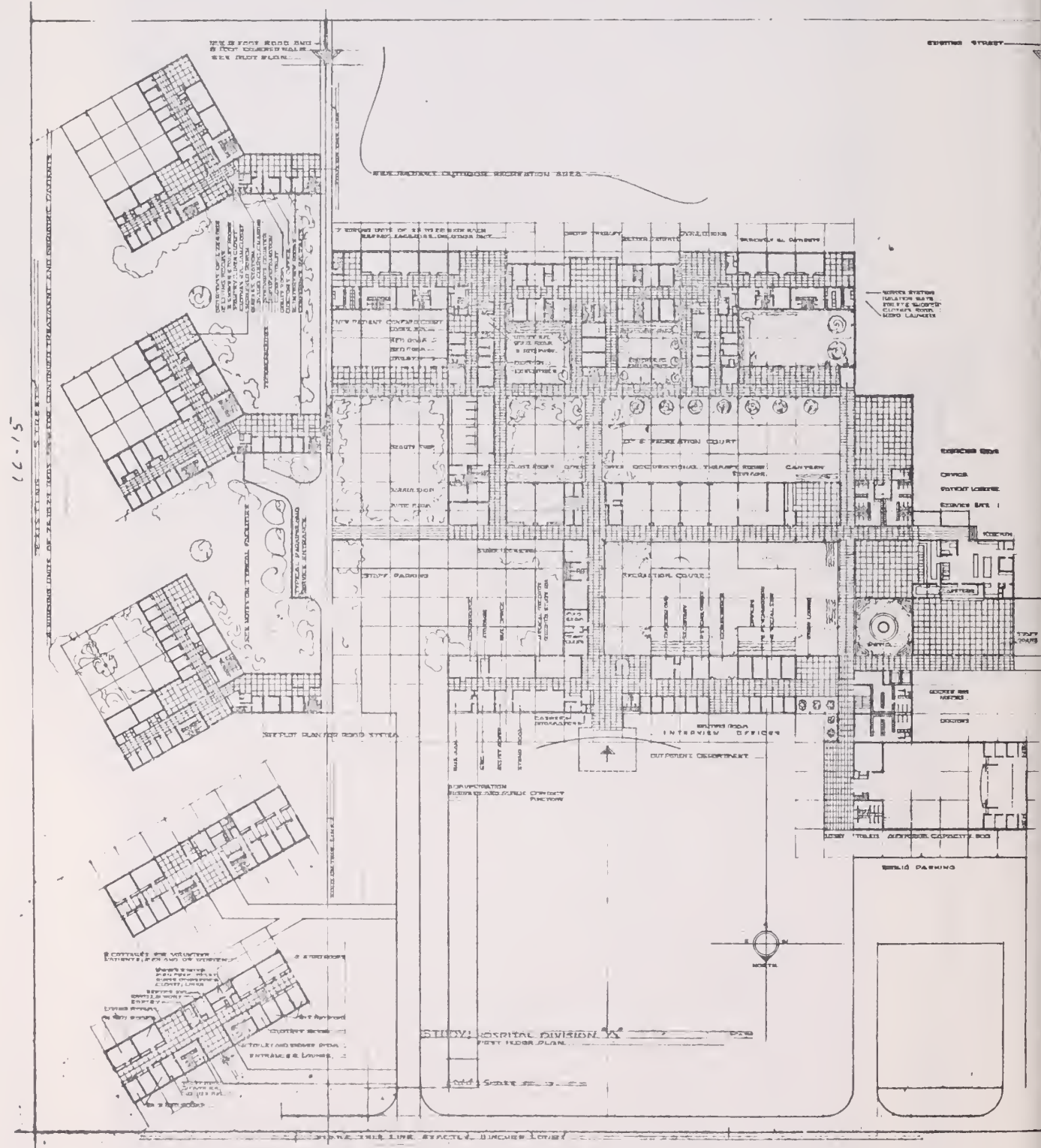




ALSTON G. GUTERSEN  
CONSULTING ARCHITECTS  
1519 CONNECTICUT AVE., N.W.  
WASHINGTON 6, D.C.

PROGRAM SCHEMATIC STUDY  
OF PLANT PLAN  
PROPOSED FOR REFERENCE AVAILABLE

FORDE LOGAN HOSPITAL PROJECT  
DENVER, COLORADO  
SCALE: 1/8" = 1'-0" (SEE SHEET 1515)



CC-15

HANCOCK AVENUE

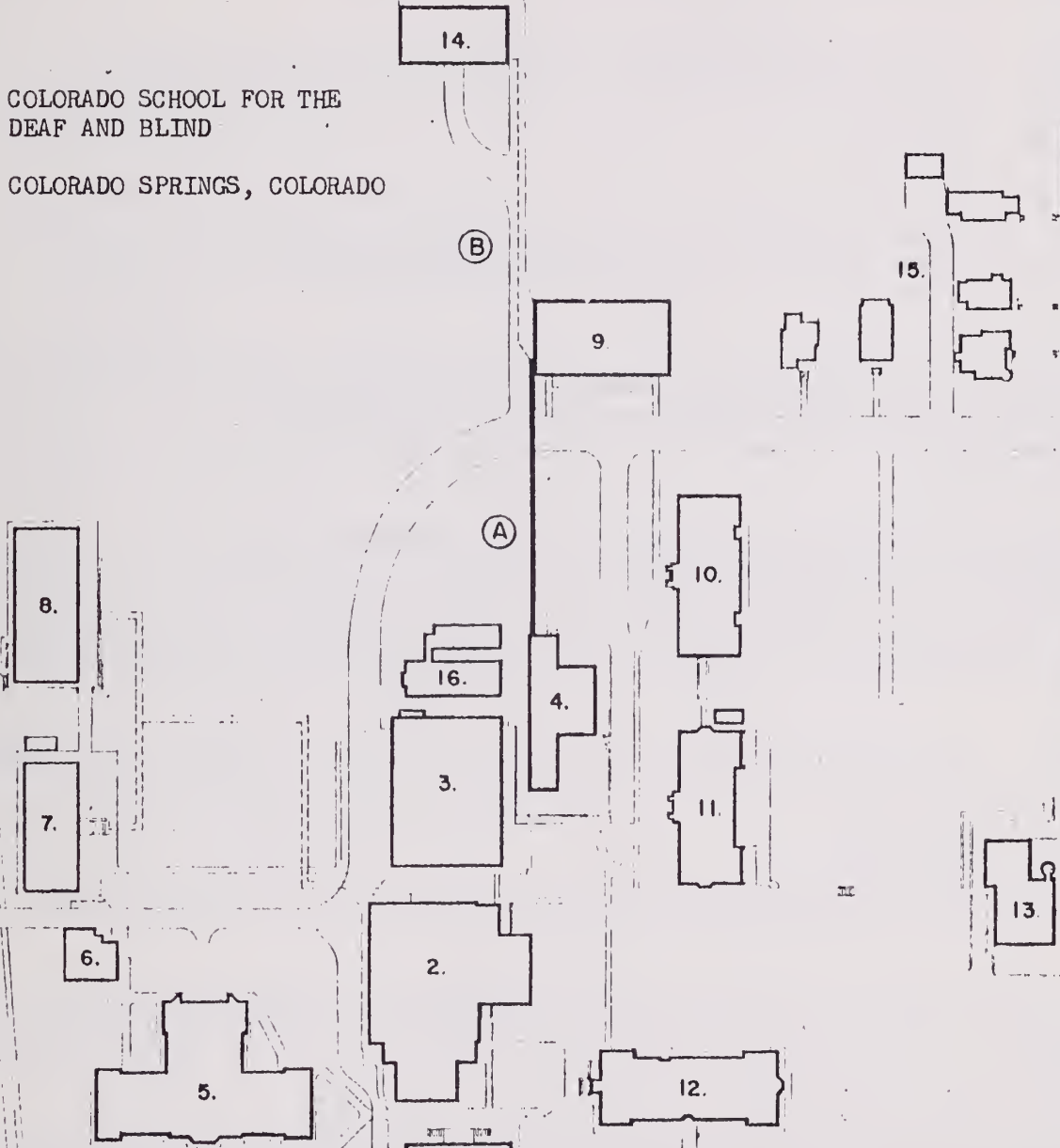
COLORADO SCHOOL FOR THE DEAF AND BLIND  
COLORADO SPRINGS, COLORADO

HIGH STREET

PIKES PEAK AVENUE



INSTITUTE STREET



PLOT PLAN OF CAMPUS

- 1. Administration Building
- 2. Argo Building
- 3. Industrial Building
- 4. Infirmary
- 5. Gottlieb School
- 6. Sloyd Building
- 7. Jones Hall
- 8. Palmer Hall
- 9. Hubert Work Gymnasium
- 10. Ritter Hall
- 11. West Hall
- 12. Brown Hall
- 13. Steam Plant
- 14. Barn
- 15. Houses
- 16. Greenhouse



INSTITUTION Colorado School for the Deaf & Blind, Colorado Springs

PROJECT Miscellaneous Repairs to Existing Buildings

ITEM 1 Acoustical Tile Ceilings in Dining Rooms in Argo Building

PROJECT DESCRIPTION

The noise level in the dining rooms due to the usual clatter of dishes and normal conversation as well as scraping of chairs on the tile floor is unusually high and constitutes a very irritating situation to the blind and deaf. It makes the use of hearing aids quite difficult.

It is proposed that the flat ceiling surfaces between beams in the four dining rooms be treated with  $\frac{1}{2}$ -inch thick perforated acoustical tile, with flame-resistant surface, affixed to the existing plaster.

ESTIMATED COST

1. Approximate area of ceiling to receive acoustical tile:	
3,200 sq. ft. @ \$.40 .....	\$ 1,280.00
2. Professional services @ 10% .....	<u>128.00</u>
TOTAL Estimated cost .....	\$ 1,408.00

ITEM 2 Re-roof Argo Building, Jones and Palmer Halls, Gymnasium and Steam Plant; replace exterior decks on Ritter and West Halls.

PROJECT DESCRIPTION

All of the above roofs have been in place many years and have outlived the guarantees and bonds originally covering them.

Under this project the existing roofing slate and felt underlayment on pitched roof portions of Argo Building, Jones and Palmer Halls, and the Gymnasium will be removed, the roof surface repaired as required, and a new roof of rigid asbestos shingles applied over one layer of 30-lb. felt.

The existing built-up roof on the Steam Plant will be removed, the roof slab repaired as required, and a new 20-year bonded, built-up pitch-and-gravel roof will be applied.

The existing roofing applied as a stop-gap measure over the quarry tile decks on Ritter and West Halls will be removed and a new DEX-O-TEX WEATHERWEAR roof deck covering applied over the quarry tile.

In connection with all of the above work, sheet metal gutters, downspouts and flashings will be repaired or replaced as required to place them in first-class condition.

ITEM 2 (cont'd)

ESTIMATED COST

1. The most accurate cost estimate available is the average of seven Alternate Bids actually received for this work in May, 1960 ...	\$18,636.00
2. Professional services @ 10% .....	<u>1,863.60</u>
TOTAL Estimated Cost .....	\$20,499.60

ITEM 3 Install temperature controls in Jones, Palmer, Ritter, West, and Brown Halls, Gymnasium, and Argo Building

PROJECT DESCRIPTION

The heating of the above buildings is at present manually controlled at a panel in the Steam Plant. When a change in temperature is required in the building, it is necessary to telephone to the engineer at the Steam Plant and request him to turn the steam on or off as required by weather conditions.

This project involves the installation of pneumatic automatic control valves and thermostats to control each building as a separate zone. This system will be an extension of the existing Johnson Service Control System. The installation of these automatic controls should result in more evenly heated buildings with an accompanying decrease in heating costs. It should also remove a contributing factor to illness among the pupils due to colds.

ESTIMATED COST

1. Construction (including 20% Contingency) .....	\$ 6,240.00
2. Professional Services @ 10% .....	<u>624.00</u>
TOTAL Estimated Cost.....	\$ 6,864.00

ITEM 4 Instructor's Showers in Gymnasium Building

PROJECT DESCRIPTION

Recent contracts have covered the reconditioning of plumbing and wiring in the Gymnasium Building. Included in the work as bid in May, 1960, was the installation of shower stalls at each of the two gymnasium instructors' offices. In order to keep within budgeted figures, it was necessary to delete these instructors' showers.

It is now proposed to install these shower facilities which will provide private showers for men and women gym instructors so that it will not be necessary for the instructors to use the pupils' shower rooms as at present. The work involves the installation of plumbing and tile work in an existing alcove in each instructor's room.



ITEM 4 (cont'd)

ESTIMATED COST

1. Construction (including 20% contingency) .....	\$ 1,614.46
2. Professional services @ 10% .....	161.44
	<hr/>
TOTAL Estimated Cost .....	\$ 1,775.90

ITEM 5 Rewire and relight Model Cottage and Gardener's Cottage

PROJECT DESCRIPTION

The Model Cottage and the Gardener's Cottage are each small frame houses in reasonably good condition and both are quite important in the operation of the School.

Both of these cottages are sub-standard insofar as wiring and lighting are concerned. The present systems are grossly inadequate and overloaded and constitute a fire hazard.

The rewiring and relighting of these cottages was included as an Alternate Bid in the work bid in May, 1960, but in order to keep within budgeted amounts it was necessary to delete the work on these cottages in awarding a contract.

ESTIMATED COST

1. Construction (including 20% contingency) .....	\$ 4,927.00
2. Professional services @ 10% .....	492.70
	<hr/>
TOTAL Estimated Cost .....	\$ 5,419.70

ITEM 6 Install campus lighting system

PROJECT DESCRIPTION

The existing lighting on the campus is grossly inadequate. It consists of a very few poorly located and obsolete light standards. It is necessary that all of the pupils and staff travel back and forth across the campus at night as well as during daylight from dormitories to dining halls, gymnasium, etc. The present unlighted areas through which they must travel constitute a definite hazard to their safety.

It is proposed to install an adequate system of campus lighting consisting of modern lighting standards located approximately 100 feet apart along the main walks from building to building. Each standard will have a 250-watt mercury lamp individually controlled by a photocell relay. This campus lighting was bid as an Alternate when bids were taken on a general rehabilitation of the electrical system on the campus in May, 1960. Due to lack of funds, it was not included in the work contracted for at that time.

ITEM 6 (continued)

ESTIMATED COST

1. Construction (Including 20% Contingency).....	\$14,400.00
2. Professional services @ 10% .....	<u>1,440.00</u>
TOTAL Estimated Cost .....	\$15,840.00

ITEM 7 New water service to Brown Hall

PROJECT DESCRIPTION

When Brown Hall (girls' dormitory) was built in 1941, the water service was tied into an existing line which had served the former building that had occupied the same site. This water line has now become corroded to the point that when lawn sprinklers fed from the same line are in use, no water can be drawn from the faucets on the top floor of the three-story building.

It is proposed to run a new 4-inch cast-iron line from the existing 6-inch line east of Ritter Hall west along a line approximately 50 feet south of Ritter and West Halls to a point west of Brown Hall, then north to connect to an existing 4-inch line. This will complete a domestic water loop around the campus and permit adequate water service to any of the buildings.

ESTIMATED COST

1. Approximately 720 lineal feet of 4-inch diameter cast-iron water line @ \$5.00 .....	\$ 3,600.00
2. Professional services @ 10% .....	<u>360.00</u>
TOTAL Estimated Cost .....	\$ 3,960.00

SUMMARY OF ESTIMATED COSTS:

ITEM 1	Acoustical tile in Dining Rooms .....	\$ 1,408.00
2	Re-roofing .....	20,499.60
3	Temperature Controls .....	6,864.00
4	Instructors' Showers in Gymnasium .....	1,775.90
5	Rewiring and relighting Cottages .....	5,419.70
6	Campus lighting .....	15,840.00
7	New water line to Brown Hall .....	<u>3,960.00</u>
TOTAL ESTIMATED COST OF WORK .....		\$55,767.20

STATE PLANNING DIVISION RECOMMENDATION

Estimates of the cost of these improvements have been carefully prepared and are well documented. On this basis the recommendation of the Advisory Board is that \$55,000.00 be approved for the work proposed in this project, many of which are in the category of deferred maintenance items and are urgently needed.

INSTITUTION Colorado School for the Deaf & Blind, Colorado Springs

PROJECT Fire Alarm System

PROJECT DESCRIPTION

There is no existing fire alarm system on the campus except in the Gottlieb School Building which was built in 1952. The system in this building is a manual, evacuation-type system. When a fire is discovered in the school building, it is necessary to trip an alarm box on the wall; fire alarm signals then sound throughout the building. It is then necessary to call the fire department by telephone. None of the other buildings has any type of fire alarm system.

This project contemplates the installation of a manual-automatic fire alarm system in each of the following buildings, each of which is occupied either day or night and sometimes both, and by both deaf and blind persons:

1. Administration Building
2. Argo Building
3. Industrial Building
4. Infirmary Building
5. Gottlieb School Building
6. Jones Hall
7. Palmer Hall
8. Gymnasium
9. Ritter Hall
10. West Hall
11. Brown Hall

In spite of the fact that its replacement is likely in the next few years, as has been recommended for some time now, the Industrial Building is included because it constitutes one of the greatest hazards on the campus.

The system proposed will be both an audio and visual type; in other words, the alarm signals will be horns (for the blind) and flashing lights (for the deaf). Alarms will be automatically turned in to the city central station for action by the Fire Department. Annunciator will show the Fire Department which building has actuated an alarm.

Automatic fire detectors will be installed in all spaces in each building except the Gottlieb School Building (which is for daytime use principally). These operate on a rate-of-rise principle as well as a considerably high-temperature idea and automatically trip the alarm. There will also be manual boxes, as required, for people who might discover fires in the areas.

This system will also include a Civil Defense Button in the Administration Building for use by the personnel for fire drills, Civil Defense drills, etc.

ESTIMATE OF COST

1. This fire alarm system was bid as an Alternate in May, 1960. It was deleted from contracts awarded at that time due to lack of funds. At that time seven bids were received ranging from \$54,189.00 to \$126,712.00. The average bid was \$95,035.00.

Because of the wide variation in bids, it was deemed advisable to approach the estimate from another angle. Estimates were, therefore, obtained on the materials and equipment required and the labor involved. These estimates indicate an approximate cost of ..... \$ 97,000.00

2. Professional services @ 10% ..... 9,700.00
- TOTAL Estimated Cost ..... \$106,700.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division at \$100,000.00 in order to provide the safety features required to protect the children at the School.

INSTITUTION Colorado School for the Deaf and Blind, Colorado Springs

PROJECT Re-Wiring and Re-Lighting of West Hall

PROJECT DESCRIPTION

As a result of bids received in May, 1960, a contract was awarded for rewiring and relighting of all buildings on the campus except Gottlieb School Building, Brown Hall, and West Hall.

Gottlieb School Building and Brown Hall were constructed since 1940 and the wiring and lighting in each is up to standard and Code. Due to lack of funds, it was necessary to delete the wiring and lighting of West Hall, which was included in the Base Bid, when the contract was awarded.

Under this project it is proposed to rewire and relight West Hall to bring it up to the standards set by the other buildings rewired and relighted under the contract awarded in May, 1960. This building houses and provides classroom facilities for approximately 19 boys and 12 girls in Preparatory Grade 3.

The existing wiring and lighting is grossly inadequate and not fully in compliance with the present electrical Code. The level of illumination is considerably below that required for children with normal sight and hearing and far below that required for the type of children occupying this building.

ESTIMATE OF COST

1. Construction .....	\$ 20,000.00
2. Professional services @ 10% .....	<u>2,000.00</u>
TOTAL Estimated Cost .....	\$ 22,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval by the Advisory Board of the State Planning Division at \$20,000.00.



AGENCY State Historical Society of Colorado

PROJECT Reconstruction of Company Quarters Ft. Garland State  
Historical Monument

PROJECT DESCRIPTION

Ft. Garland, acquired by gift in 1945, by the State of Colorado and placed in custody of the State Historical Society, is located 25 miles east of Alamosa in Costilla County. It operated as a military outpost from 1858 to 1883 and as a museum has a full time curator.

The Society has long planned to restore, as funds become available, such of the buildings as have been destroyed, including the Company Quarters, which occupied the south side of the main quadrangle of the fort. An essential part of the original fort is lacking until these buildings are restored. The space in the proposed buildings is needed to complete the story of military life on the Colorado frontier, which is the theme of Fort Garland State Historical Monument.

The two buildings desired to be restored are each about 200 ft. x 35 ft., one story and built of adobe on rock foundations. They will have wooden floors, timber roof structure and dirt roofs. Utilities are easily extended from nearby buildings. Effort will be made to restore the buildings as nearly as possible to the way the old fort was.

PROJECT COST

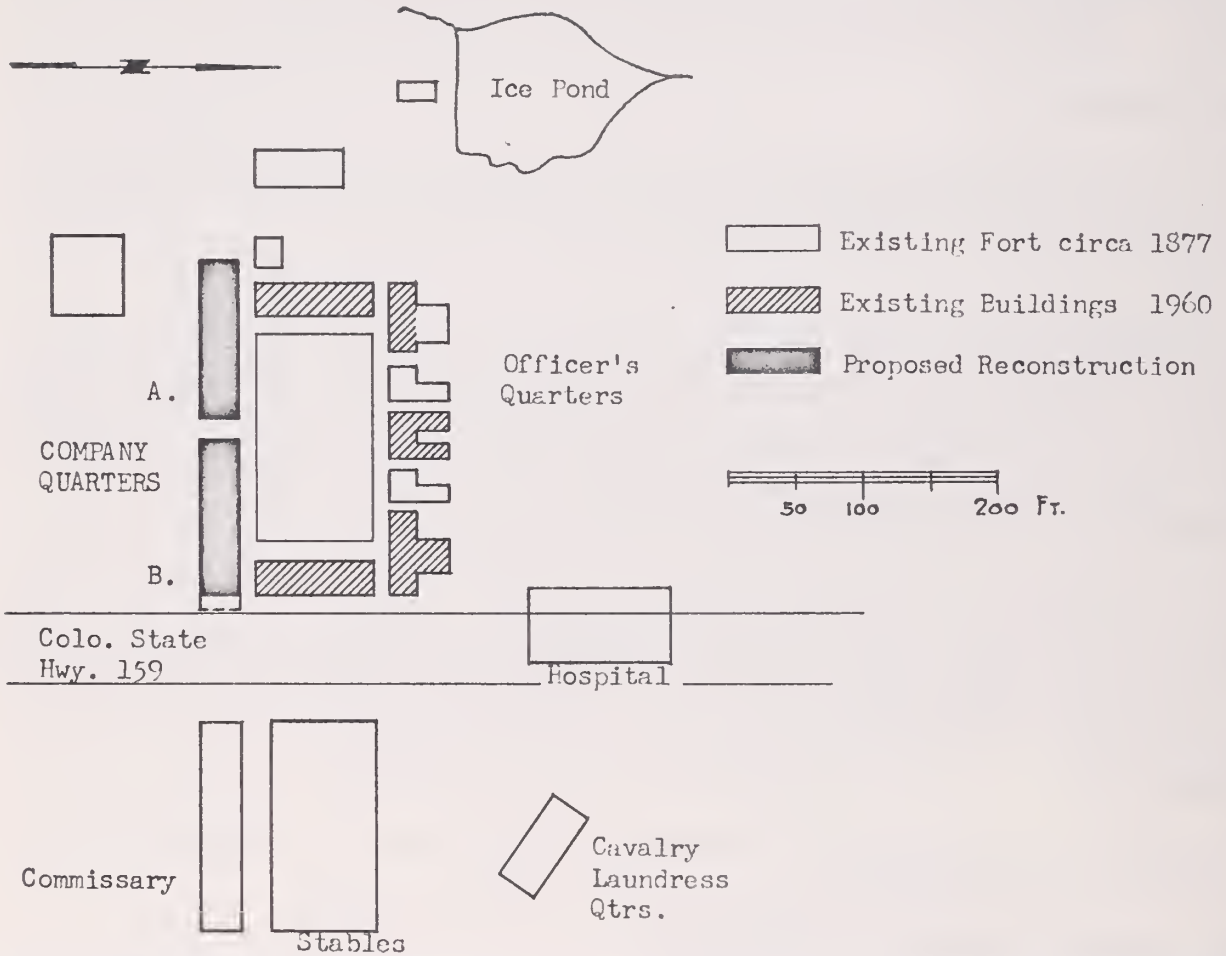
In the opinion of the Historical Society \$50,000.00 would be required to accomplish this restoration.

STATE PLANNING DIVISION RECOMMENDATION

Recommended for construction, as stated, when funds are available.

State Historical Society of Colorado

Reconstruction of Company Quarters  
Ft. Garland State Historical Monument



COMPANY QUARTERS

Building A. to Contain:

- Guard Room
- Prisoner's Room
- Prisoner's Cells
- Grain Room
- Shoemaker and Tailor
- Post Bakery
- Stove Room
- Lumber & Coal Room

Building B. to Contain:

- Adjutant's Office
- Commanding Officer's Office
- Ordnance Store Room
- Chapel
- Telegraph Office
- Cavalry Kitchen
- Cavalry Dining Rm.
- Carpenter Shop
- Blacksmith Shop

PP - 103 - 60  
COLORADO STATE PLANNING DIVISION  
PUBLIC WORKS SECTION

INSTITUTION Colorado State University, Fort Collins

PROJECT Library Building

PROJECT DESCRIPTION

A library facility, to serve as the University's main library, to consist of approximately 105,000 square feet, gross, (70,000 square feet net), to accommodate a maximum of 630,000 volumes. The building is to be designed for complete flexibility in stack areas, expandable, with integrated reading and browsing areas, and includes specialized reading rooms, audio-visual facilities, and all normal requirements for receiving, processing, cataloging, etc.

Construction to be of reinforced concrete frame, fireproof, of a design compatible with the other newer buildings on the campus.

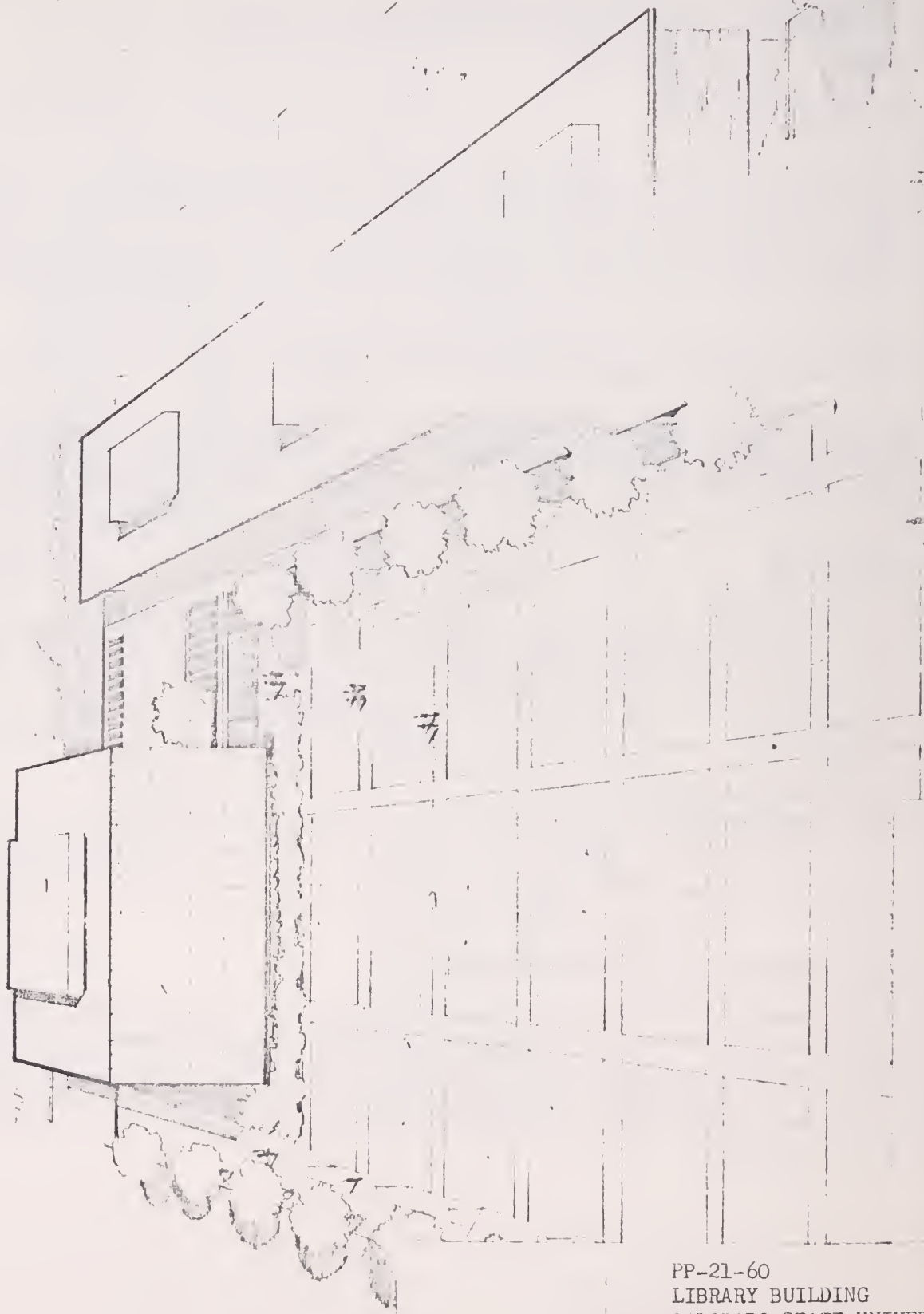
The need for this building is pointed up in the report to the Committee on Education Beyond High School, presented by Mr. Alfred Baxter, and the Long Range Campus Planning Study prepared by James M. Hunter, FAIA and Associates, Architects.

PROJECT COST

A. Construction		
1. Structure (105,000 sq. ft. @ \$20.70) .....	\$2,173,300.00	
2. Services (Sewers, Water, Power) .....	20,000.00	
3. Site (Walks, Roads, Grading) .....	15,000.00	
B. Supervision .....	14,000.00	
C. Furnishings .....	150,000.00	
D. Other .....	25,000.00	
E. Professional Services		
1. Architectural .....	130,700.00	
2. Surveys, etc. ....	2,000.00	
F. Total Estimated Cost of Project .....	\$2,530,000.00	

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that \$60,000 be provided for the development of plans and cost estimates only, and that financing of construction be deferred until 1962; further, that continued use of the present Library Building (constructed in 1927) for library purposes be included in the program of library expansion on the campus of Colorado State University.



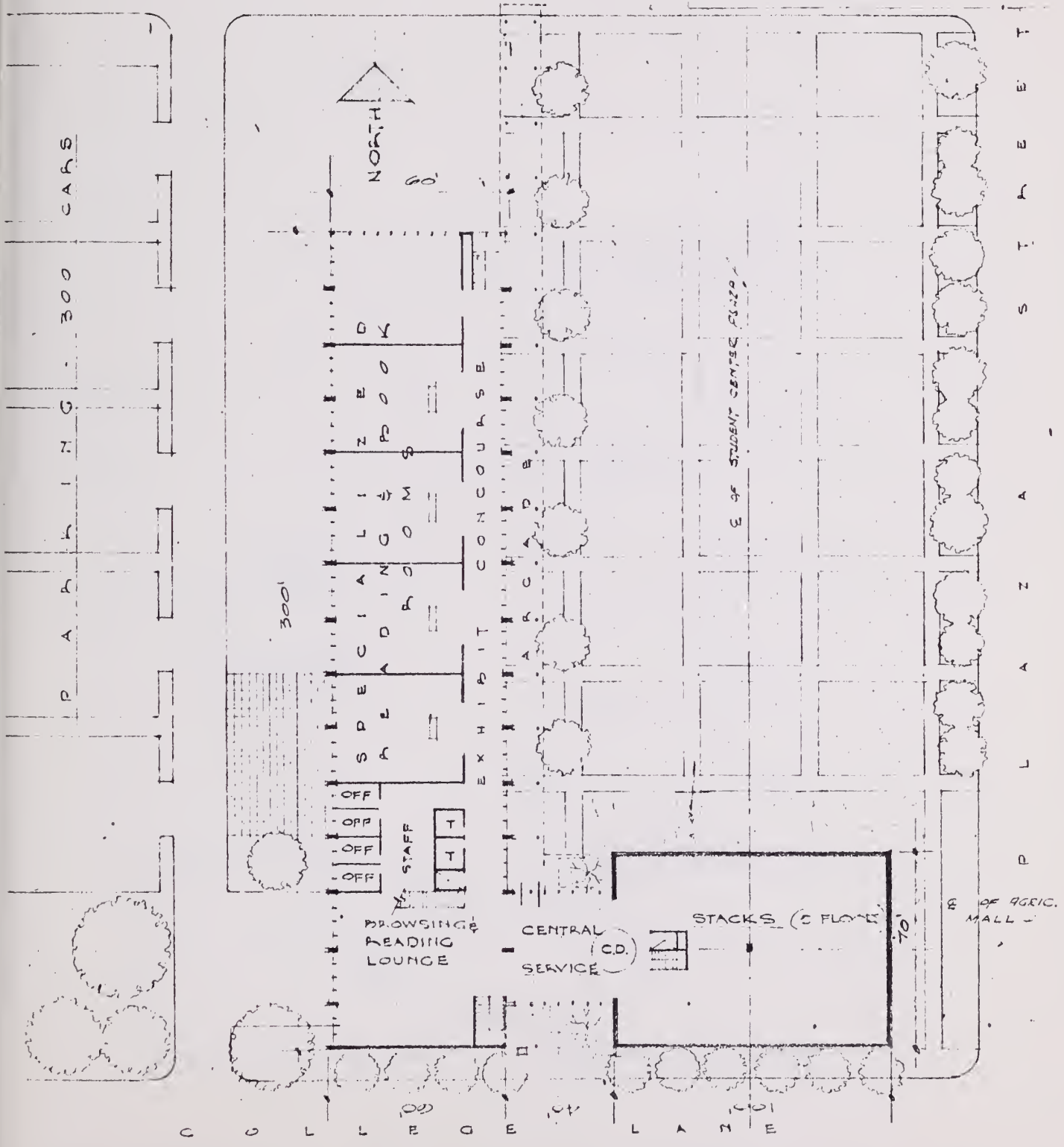
PP-21-60  
LIBRARY BUILDING  
COLORADO STATE UNIVERSITY

James M. Hunter & Assoc.  
Architects  
Boulder, Colo.

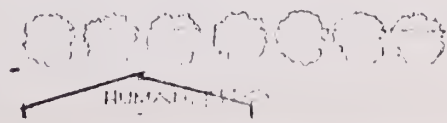
PP-21-60  
LIBRARY BUILDING  
COLORADO STATE UNIVERSITY

James M. Hunter & Assoc.  
Architects  
Boulder, Colo.

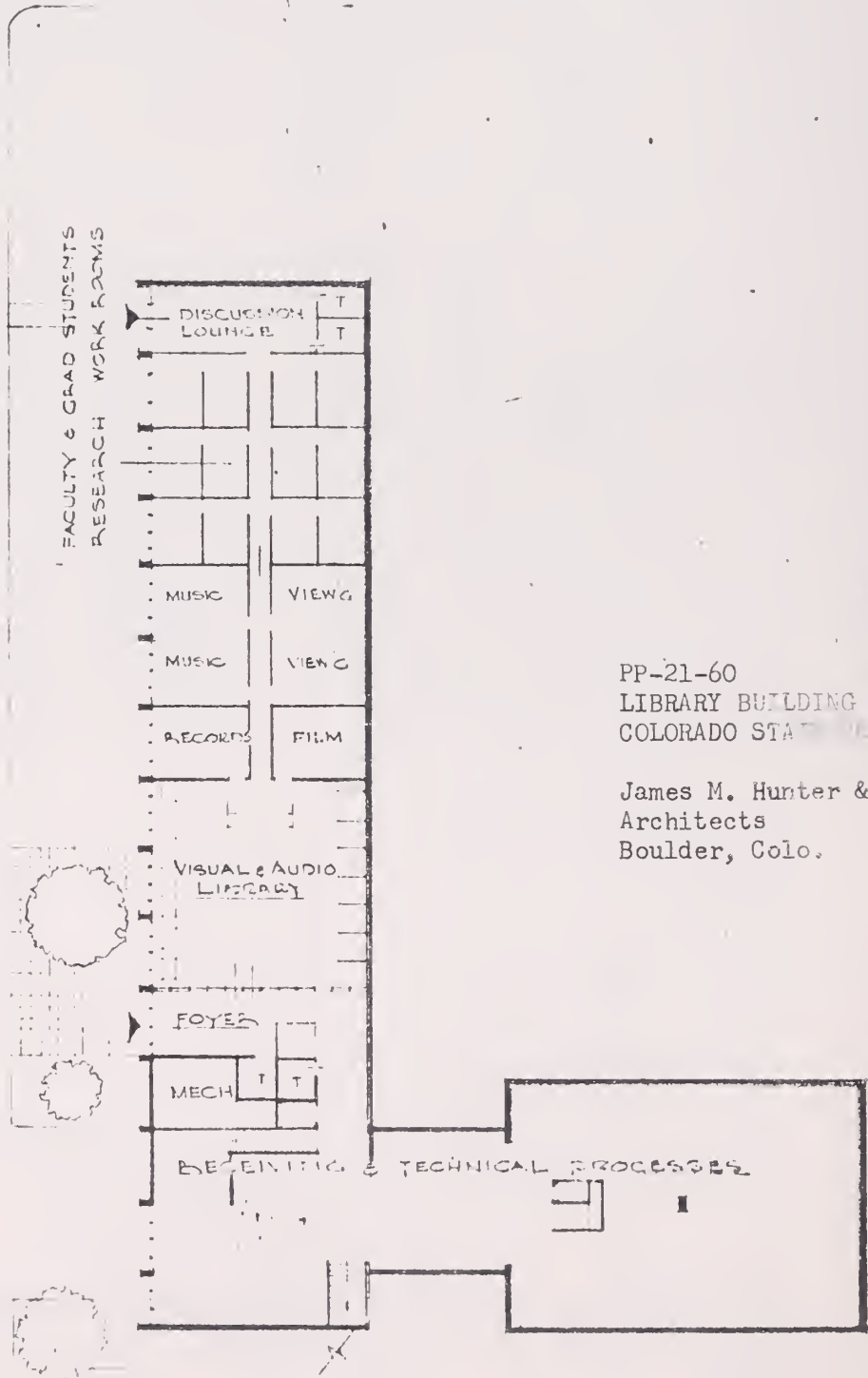
C A R P E L D



MAIN FLOOR PLAN 1"=50'



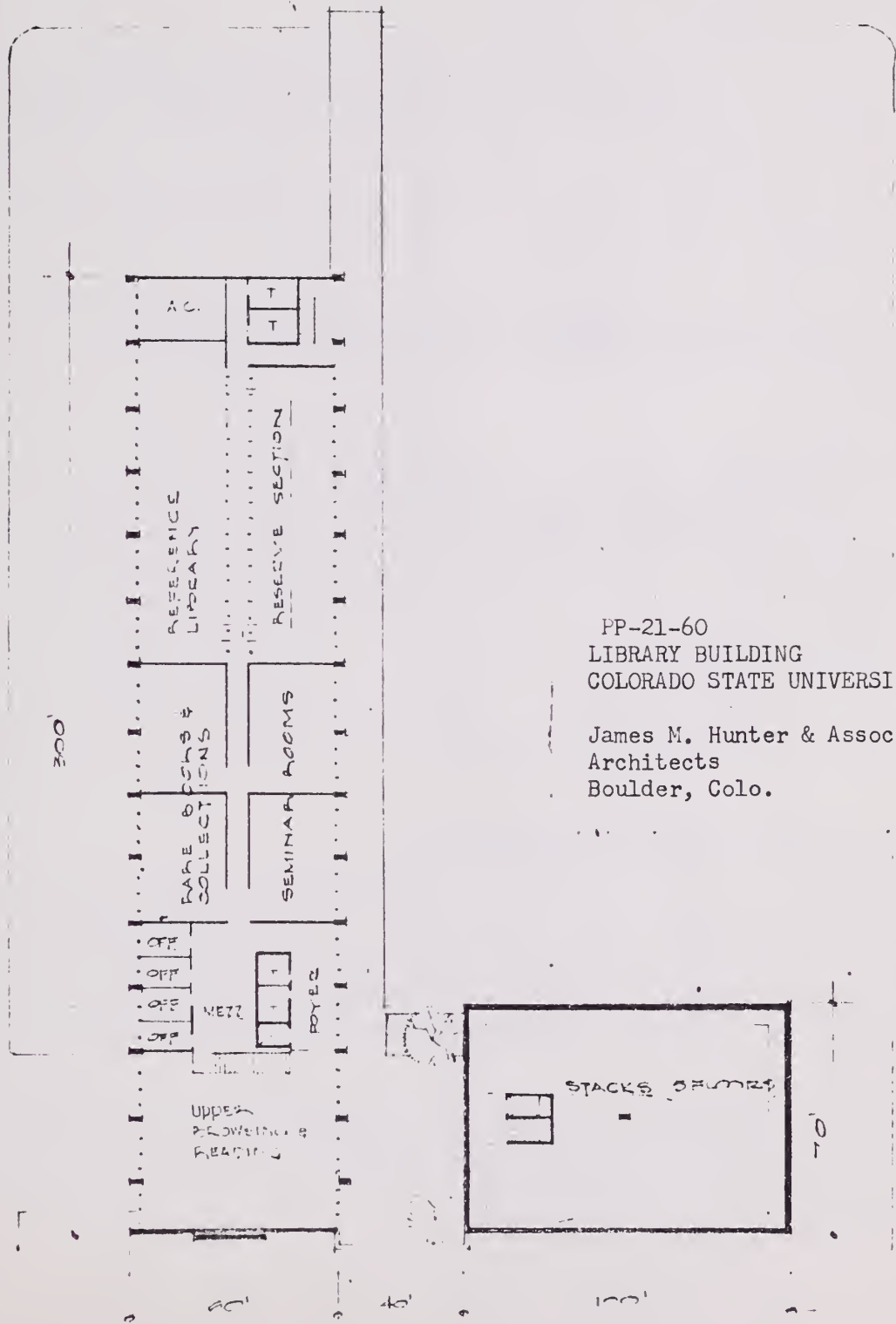




PP-21-60  
 LIBRARY BUILDING  
 COLORADO STATE UNIVERSITY

James M. Hunter & Assoc.  
 Architects  
 Boulder, Colo.

LOWER FLOOR PLAN 1960



PP-21-60  
 LIBRARY BUILDING  
 COLORADO STATE UNIVERSITY

James M. Hunter & Assoc.  
 Architects  
 Boulder, Colo.

UPPER FLOOR PLAN

INSTITUTION Colorado State University, Fort Collins

PROJECT Office Classroom Building

PROJECT DESCRIPTION

This proposed building is for the purpose of replacing abandoned and/or demolished general teaching and office space, and will contain approximately 28 classrooms, two lecture halls and a minimum of 130 offices. Classrooms are for the tool subject type of instruction for Liberal Arts and Sciences.

Building to be of concrete frame construction, three stories high, with a double-loaded corridor system, and containing approximately 55,000 square feet, gross.

Reference is made to the Baxter Report to the Committee on Education Beyond High School for data relating to the need for this facility.

PROJECT COST

A. Construction	
1. Structure (55,000 sq. ft. @ \$15.85) .....	\$ 871,800.00
2. Services (Sewers, Water, Power) .....	15,000.00
3. Site (Walks, Roads, Grading) .....	10,000.00
B. Supervision .....	12,000.00
C. Furnishings .....	100,000.00
D. Other .....	17,000.00
E. Professional Services	
1. Architectural .....	52,200.00
2. Surveys, etc. ....	2,000.00
	2,000.00
F. Total Estimated Cost of Project .....	\$1,080,000.00

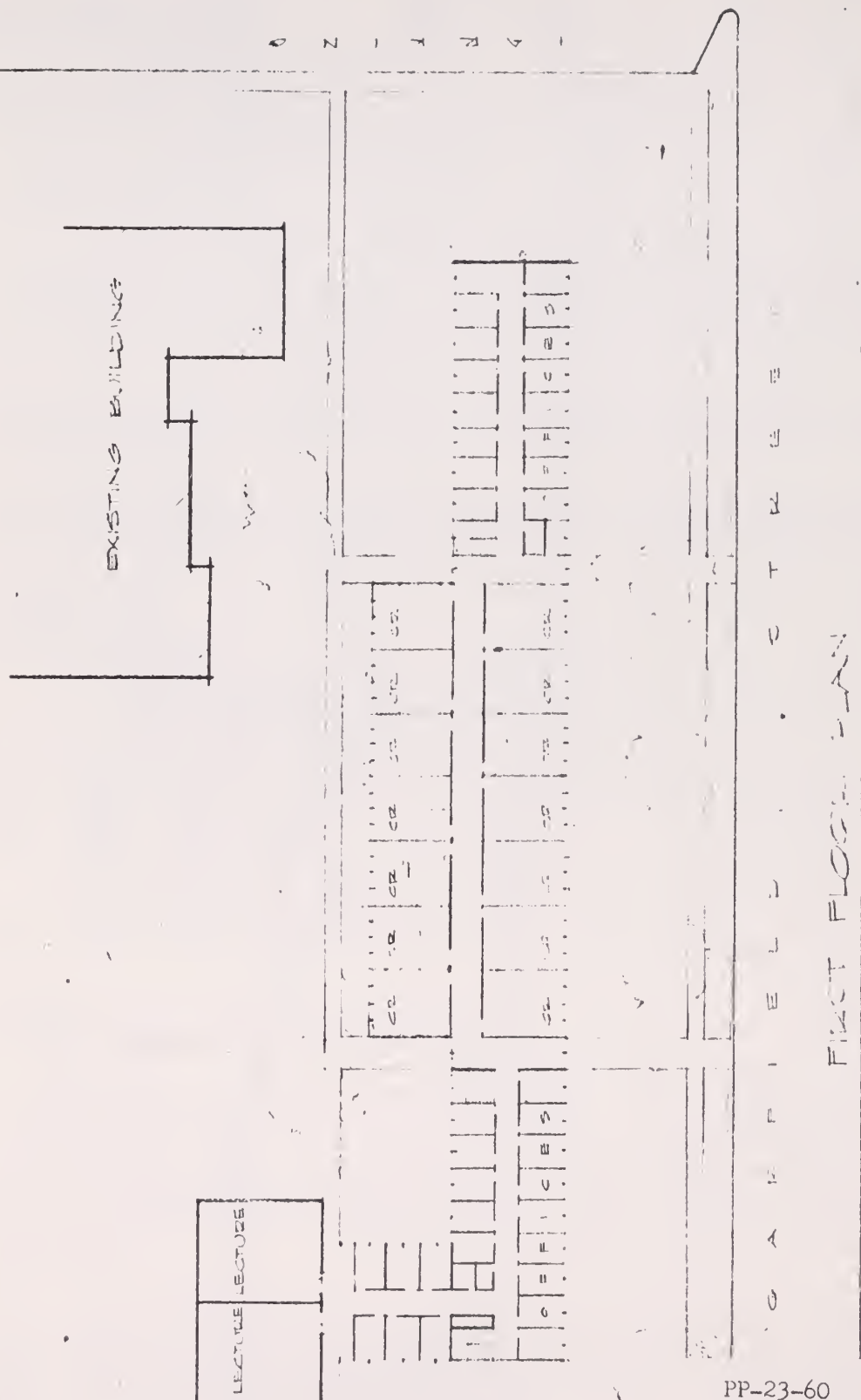
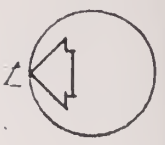
STATE PLANNING DIVISION RECOMMENDATION

A number of the old classroom buildings on the campus of Colorado State University were constructed prior to 1900. These buildings are not only worn out but are fire hazards as well, on the basis of inspections made by the staff of the State Industrial Commission and the staff of the Public Works Section of the State Planning Division. The cost of trying to remodel these old buildings and bring them up to safety standards for student and faculty occupancy is not justified.

Accordingly, the Advisory Board of the State Planning Division recommends that \$950,000.00 be provided for the construction of an Offices and Classrooms Building and \$670,000.00 for the construction of a Humanities Building; and that funds for furnishing and equipping these buildings, and miscellaneous items, be deferred for financing until 1962.

PP-23-60  
OFFICE-CLASSROOM BUILDING  
COLORADO STATE UNIVERSITY  
FT. COLLINS  
James M. Hunter & Assoc.  
Architects  
Boulder, Colo.

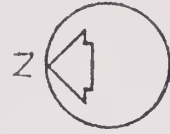




FIRST FLOOR PLAN

PP-23-60  
 OFFICE-CLASSROOM BUILDING  
 COLORADO STATE UNIVERSITY  
 FT. COLLINS  
 James M. Hunter & Assoc.  
 Architects  
 Boulder, Colo.





THIRD FLOOR PLAN  
12,460 SQ. FT.

SECOND FLOOR PLAN  
10,300 SQ. FT.

PP-23-60  
OFFICE-CLASSROOM BUILDING  
COLORADO STATE UNIVERSITY  
FT. COLLINS  
James M. Hunter & Assoc.  
Architects  
Boulder, Colo.

INSTITUTION Colorado State University, Fort Collins

PROJECT Humanities Building

PROJECT DESCRIPTION

Building is for the purpose of providing instructional space for Music and Art, and would contain 39,000 gross square feet (26,000 square feet net), in which would be disposed 20 music practice rooms, 17 studies, 4 classrooms, 5 art laboratories, 4 recital rooms, 1 music library, and 5 offices.

Building to be three stories, of concrete frame and masonry construction.

The construction of this building is necessitated by the condemnation of Old Main, Old Spruce, and the Old Music Building, in addition to the student growth, and is so recommended in the Baxter Report to the Committee on Education Beyond High School.

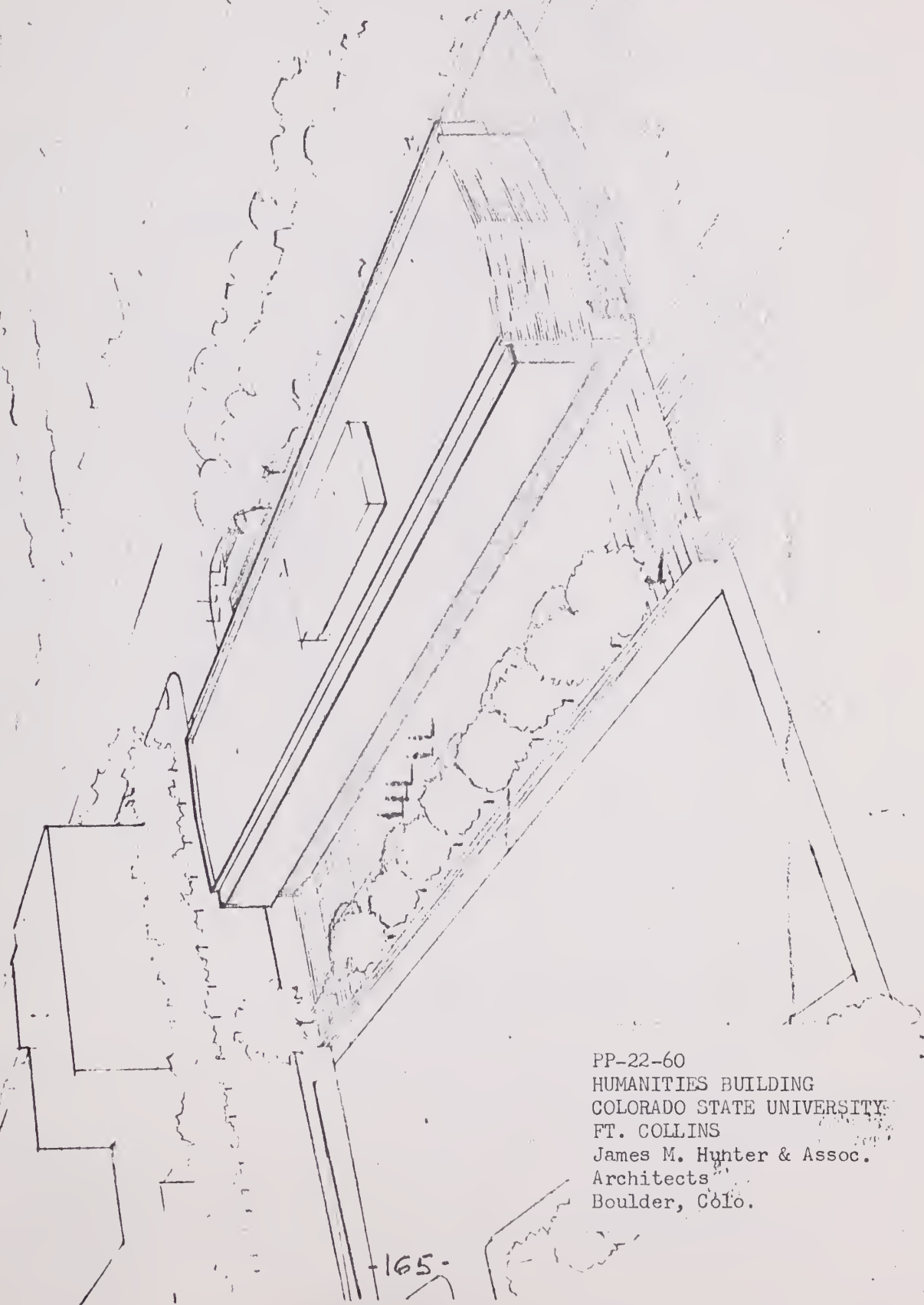
PROJECT COST

A.	Construction	
	1. Structure (39,000 sq. ft. @ \$15.75).....	\$614,400.00
	2. Services (Sewers, Water, Power).....	10,000.00
	3. Site (Walks, Roads, Grading).....	5,000.00
B.	Supervision.....	10,000.00
C.	Furnishings.....	35,000.00
D.	Other.....	7,000.00
E.	Professional Services	
	1. Architectural.....	36,600.00
	2. Surveys, etc.....	2,000.00
F.	Total Estimated Cost of Project .....	<u>\$720,000.00</u>

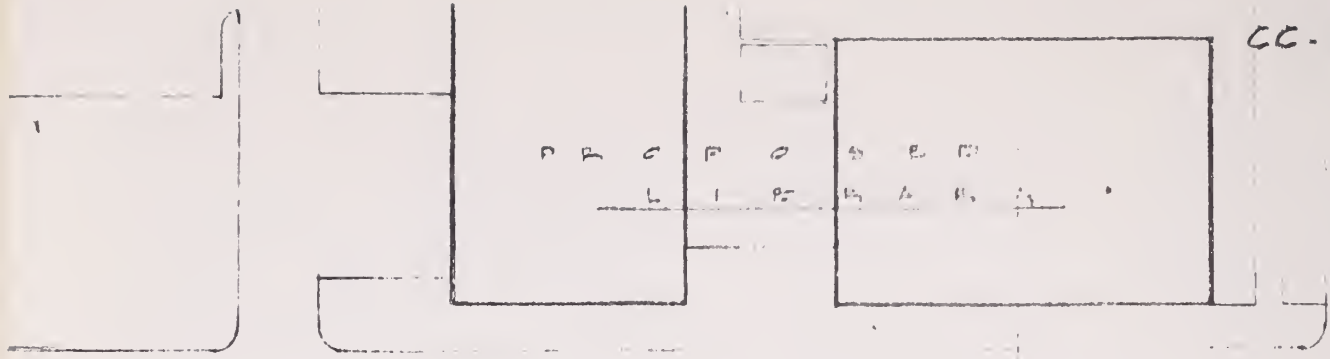
STATE PLANNING DIVISION RECOMMENDATION

A number of the old classroom buildings on the campus of Colorado State University were constructed prior to 1900. These buildings are not only worn out but are fire hazards as well, on the basis of inspections made by the staff of the State Industrial Commission and the staff of the Public Works Section of the State Planning Division. The cost of trying to remodel these old buildings and bring them up to safety standards for student and faculty occupancy is not justified.

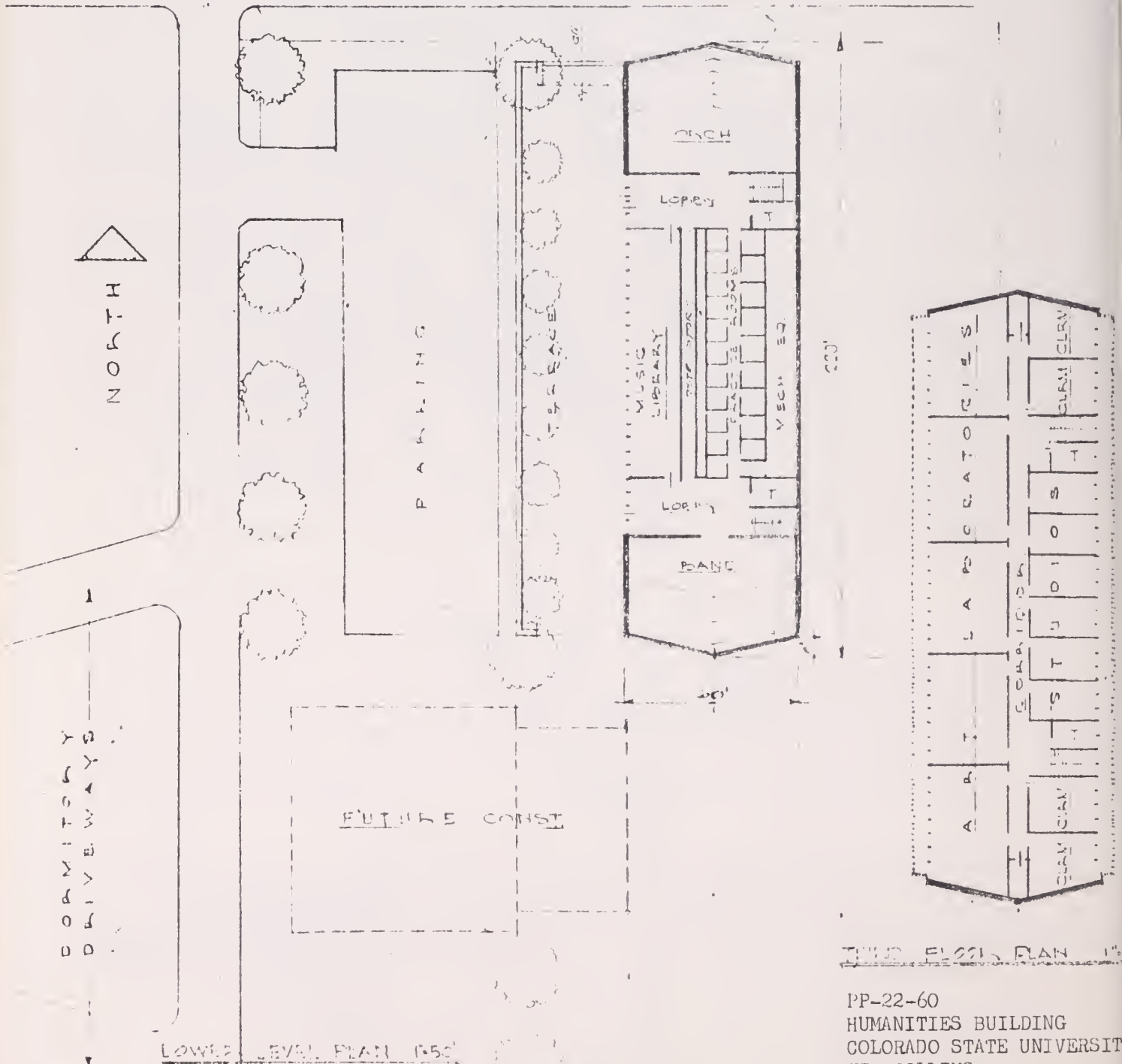
Accordingly, the Advisory Board of the State Planning Division recommends that \$950,000 be provided for the construction of an Offices and Classrooms Building and \$670,000 for the construction of a Humanities Building; and that funds for furnishing and equipping these buildings, and miscellaneous items, be deferred for financing until 1962.



PP-22-60  
HUMANITIES BUILDING  
COLORADO STATE UNIVERSITY  
FT. COLLINS  
James M. Hunter & Assoc.  
Architects  
Boulder, Colo.



C O L L E G E L A N E



LOWER LEVEL PLAN 1950

PP-22-60  
 HUMANITIES BUILDING  
 COLORADO STATE UNIVERSITY  
 FT. COLLINS  
 James M. Hunter & Assoc.  
 Architects  
 Boulder, Colo.

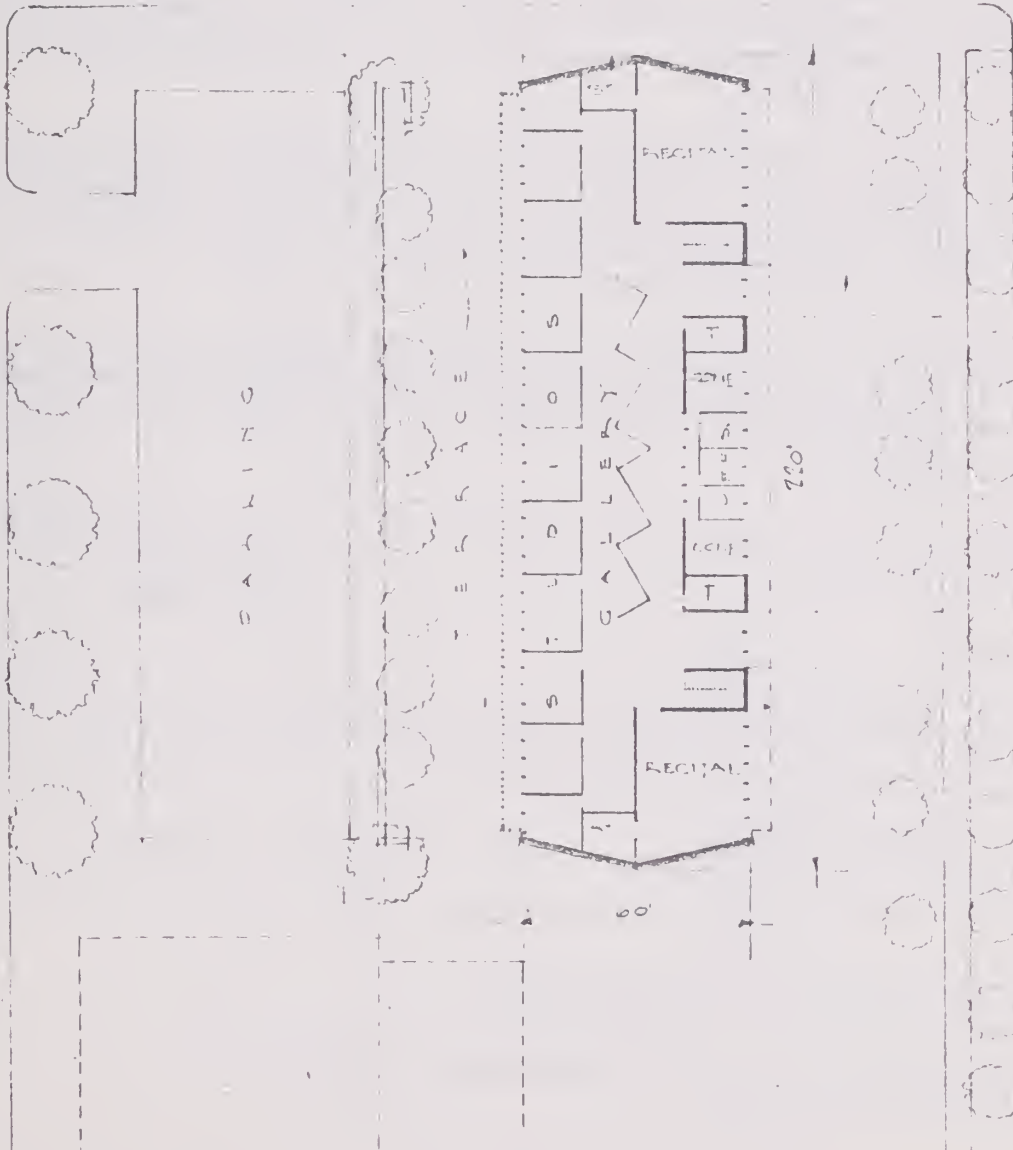
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PP-22-60  
 HUMANITIES BUILDING  
 COLORADO STATE UNIVERSITY  
 FT. COLLINS  
 James M. Hunter & Assoc.  
 Architects  
 Boulder, Colo.

SECOND FLOOR PLAN



INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Agriculture Engineering Research Shops and Offices

PROJECT DESCRIPTION

The Agriculture Engineering Research Shops and Offices project will be constructed in an existing building located on the main campus at Fort Collins. The Industrial Research building on the main campus now houses the wind tunnel used in experimental work, but we plan to move the wind tunnel to the new Hydraulics building to be constructed on a site at the foothills campus location. (Project #696)

The space in the Industrial Research building released for other uses when the wind tunnel is moved will be remodeled for use as an Agricultural Engineering Research Shop and offices. Major costs will be for installation of partitions, lighting and plumbing to remodel the existing structure for the uses indicated on the preliminary plans.

It is estimated the total cost of the facility will be \$50,000.00 of which \$25,000.00 will be expended in moving the wind tunnel to the new location and \$25,000.00 to remodel the space vacated as a result of moving the wind tunnel.

PROJECT CONSTRUCTION

Installation of partitions, etc., necessary to adapt the vacated space to use for offices and shops.

PROJECT COST

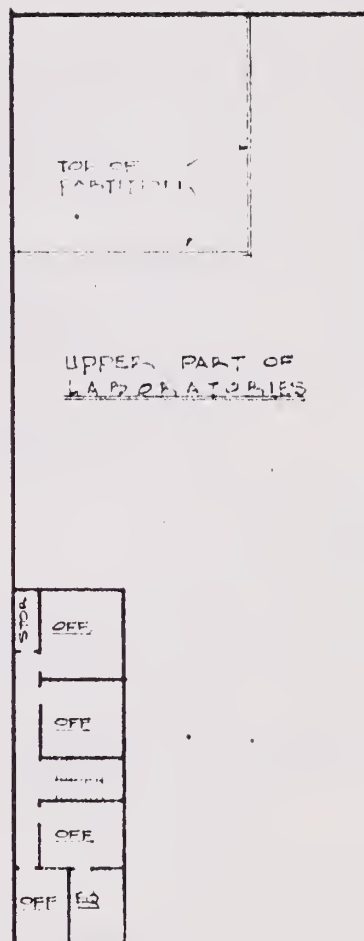
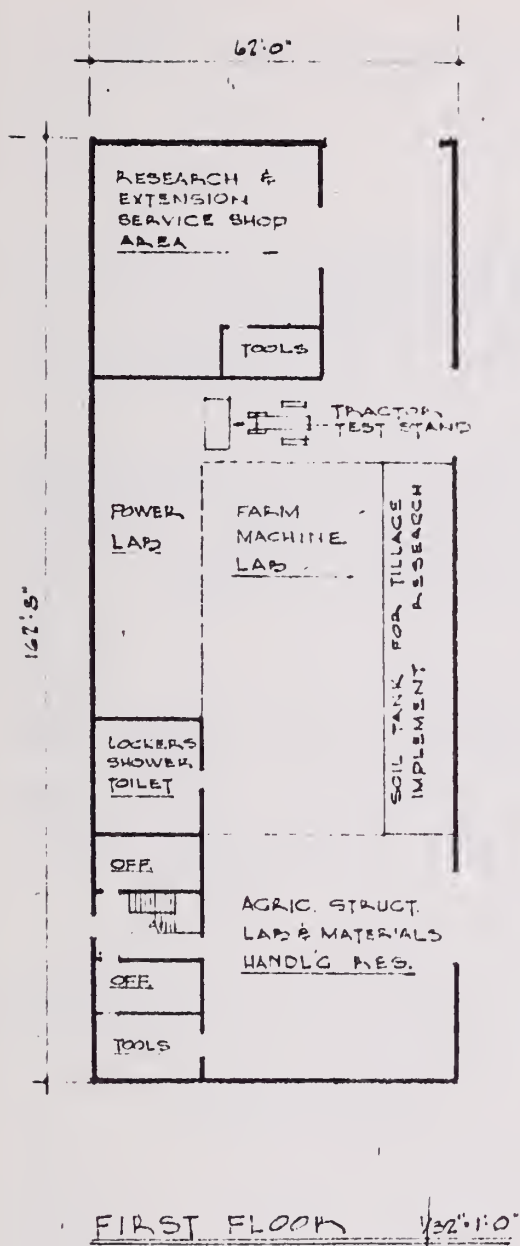
1. Remodeling of existing space.....	\$ 25,000.00
2. Moving existing wind tunnel to the new location .....	<u>25,000.00</u>
Total Estimated Cost of Project .....	\$ 50,000.00

SOURCE OF FUNDS FOR PROJECT

Experiment Station Building Mill Levy #4025

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$50,000.00



PP-19-60  
 AGRICULTURE ENGINEERING  
 RESEARCH FACILITY  
 COLORADO STATE UNIVERSITY  
 FT. COLLINS  
 James M. Hunter & Assoc.  
 Architects  
 Boulder, Colo.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Central Feed Storage

PROJECT DESCRIPTION

Justification of need of this facility is the feeding operation for animals owned or held by the School of Agriculture and the School of Veterinary Medicine. These include experimental herds for the Department of Animal Husbandry, dairy herds for the Department of Dairy, as well as both experimental animals and patient animals for the Veterinary Medicine School.

This facility would consolidate the feed storage and processing activities for the entire University and permit mass buying at advantageous times and reasonable use intervals for all cereal grains and forage used by the animals. The operation would include the grinding, rolling and mixing of feeds, but does not anticipate pelleting or involved processing techniques.

PROJECT CONSTRUCTION

- 100' x 40' pre-fab. metal building with concrete floor
- 12' - 9" dia. x 34' high--hopper bottom storage bins, 30-ton capacity each
- 90' x 30' Hay Shed
- Truck scale and weigh house together with mixing, grinding, and rolling machinery, belt conveyors, auger conveyors, power equipment and process storage bins.

PROJECT COST

A. Construction.....	\$ 112,900.00
B. Supervision .....	1,000.00
C. Furnishings (Equipment) .....	
(included in A above)	
D. Other (Contingencies) .....	3,000.00
E. Professional Services	
1. Architectural @ 6% .....	7,500.00
2. Surveys .....	600.00
	<hr/>
Total Estimated Cost .....	\$ 125,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$125,000.00.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Residence at Proposed Rogers Mesa Sub-Station (Western Slope)

PROJECT DESCRIPTION

Construction of a Residence for the Assistant Horticulturist or Assistant Entomologist at the proposed Rogers Mesa Sub-Station to include two (2) bedrooms and full basement, including utilities and sewage disposal.

PROJECT CONSTRUCTION

Structure ..... Concrete Foundations, Wood frame construction  
 Exterior Walls ..... Wood Siding  
 Roofing ..... Composition or Built up  
 Windows ..... Aluminum  
 Flooring ..... Resilient and Oak  
 Interior Walls ..... Sheetrock Painted  
 Ceilings ..... Sheetrock  
 Plumbing ..... Copper Piping, Cast Iron Fixtures and Drains  
 Heating ..... Residential Warm Air Gas Furnace  
 Electrical ..... Thinwall and Romex System

PROJECT COST

A. Construction		
1. Structure .....		\$ 13,020.00
2. Services (Septic System, Water, Etc.) .....		1,000.00
3. Site .....		700.00
B. Supervision (By Architect)		
C. Furnishings .....	(None )..	00.00
D. Other (2%) .....		320.00
E. Professional Services		
1. Architectural (6%) .....		960.00
		<hr/>
Total Estimated Cost of Project .....		\$ 16,000.00

Gross Area sq. ft. 2,128  
 Est. Cost per sq. ft. \$7.51

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION Colorado State University Experiment Station, Ft. Collins

PROJECT Machinery and Equipment Storage Building at Proposed Rogers Mesa Site Sub-Station (Western Slope)

PROJECT DESCRIPTION

Construction of a Machinery and Equipment Storage Building at the proposed Rogers Mesa Site of approximately 1,000 square feet (24' x 40') to include concrete floor, one (1) 9' x 12' office, lavatory, toilet, shower and utilities.

PROJECT CONSTRUCTION

Structure ..... Concrete Foundations, concrete Masonry Walls  
 Exterior Walls ..... Concrete Masonry  
 Roofing ..... Built up Composition  
 Windows ..... Aluminum  
 Flooring ..... Concrete  
 Interior Walls ..... Concrete Masonry  
 Ceilings ..... Exposed Wood Joists  
 Plumbing ..... Copper Piping, Cast Iron Fixtures  
 Heating ..... Unit Heaters (Bottled Gas)  
 Electrical ..... Thinwall

PROJECT COST

A. Construction		
1. Structure .....		\$ 4,980.00
2. Services .....		500.00
3. Site .....		500.00
B. Supervision (By Architect)		
C. Furnishings .....	(None).	00.00
D. Other (2%) .....		130.00
E. Professional Services		
1. Architectural (6%) .....		390.00
Total Estimated Cost of Project .....		\$ 6,500.00

Gross Area sq. ft.      960 sq. ft.  
 Est. Cost per sq. ft. \$6.77

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.



INSTITUTION Colorado State University Experiment Station, Ft. Collins

PROJECT Equipment--One pickup truck to serve expanded needs for transportation and farm operations at Rogers Mesa Site.

PROJECT COST

Total Estimated Cost ..... \$ 2,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that the above project be deferred.

INSTITUTION Colorado State University Experiment Station, Ft. Collins

PROJECT Land Purchase

PROJECT DESCRIPTION

Purchase of 80 acres of unimproved land located on Rogers Mesa, Delta County, for expanded fruit and vegetable crops research to be operated in connection with Western Slope Branch Experiment Station at Austin, Colorado.

PROJECT COST

Estimated Cost ..... \$ 24,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Office Laboratory Building at Proposed Mesa County Branch Station

PROJECT DESCRIPTION

Construction of an Office-Laboratory Building to contain five (5) offices 8' x 12', four (4) Laboratories 14' x 20' each with built-in laboratory benches and cabinets, lavatory, toilet and shower. Building to have a full basement. Project to include utilities and sewage disposal and an outside drive-down entrance to basement.

PROJECT CONSTRUCTION

Structure ..... Concrete foundations, structural concrete floor slab. Wood joist roof.  
 Exterior walls ..... Concrete block, wood and glass.  
 Roofing ..... 20-Year Bonded, built-up composition  
 Windows ..... Aluminum  
 Flooring ..... Asphalt tile  
 Interior walls ..... Gypsum board and concrete block  
 Ceilings ..... Gypsum board  
 Plumbing ..... Copper piping, cast iron drainage, cast iron fixtures  
 Heating ..... Warm air furnace (bottle gas)  
 Electrical ..... Thinwall and Romex. Fluorescent fixtures  
 Special Equipment ..... Laboratory benches

PROJECT COST

A. Construction	
1. Structure .....	\$ 29,784.40
2. Services .....	1,200.00
3. Site .....	500.00
B. Supervision (By Architect)	
C. Equipment .....	8,945.00
D. Other (2%) .....	878.90
E. Professional Services .....	
1. Architectural .....	2,636.70
Total Estimated Cost of Project .....	\$ <u>43,945.00</u>

Gross Area sq. ft. 2,100  
 Est. Cost per sq. ft. \$16.66

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Veterinary Diagnostic Laboratory at Proposed Mesa County  
Branch Experiment Station

PROJECT DESCRIPTION

Construction of a Veterinary Diagnostic Laboratory to include two (2) offices 9' x 12', two (2) Laboratories 12' x 16', one (1) Laboratory 20' x 32', one (1) Storage room 12' x 18', one (1) Disposal room 16' x 20'. Laboratories to contain built-in benches and cabinets. Project will include utilities, sewage and animal disposal unit, and will contain approximately 2,000 square feet of area.

PROJECT CONSTRUCTION

Structure ..... Concrete foundations, concrete masonry bearing walls  
 Exterior Walls ..... Concrete masonry  
 Roofing ..... 20-year bonded, built-up composition  
 Windows ..... Aluminum  
 Flooring ..... Asphalt tile on concrete slab  
 Interior walls ..... Concrete masonry, brick (at incinerator), Gypsum board  
 Ceilings ..... Gypsum board  
 Plumbing ..... Copper piping cast iron drainage, cast iron fixtures  
 Heating ..... Warm air furnace  
 Electrical ..... Thinwall and Romex system, fluorescent fixtures

PROJECT COST

A. Construction	
1. Structure .....	\$ 34,912.80
2. Services .....	800.00
3. Site .....	500.00
B. Supervision (By Architect)	
C. Equipment .....	7,340.00
D. Other .....	946.80
E. Professional Services	
1. Architectural .....	<u>2,840.40</u>
Total Estimated Cost of Project	\$ 47,340.00

Gross area sq. ft. 2,280  
 Est. Cost per sq. ft. \$17.54

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Machinery and Equipment Storage Building at Proposed Mesa County Site Sub-station (Western Slope)

PROJECT DESCRIPTION

Construction of a Machinery and Equipment Storage Building at the proposed Mesa County Site of approximately 1,000 square feet (24' x 40') to include concrete floor, one (1) 9' x 12' office, lavatory, toilet, shower and utilities.

PROJECT CONSTRUCTION

Structure ..... Concrete foundations, concrete masonry walls  
 Exterior walls ..... Concrete masonry  
 Roofing ..... Built up composition  
 Windows ..... Aluminum  
 Flooring ..... Concrete  
 Interior walls ..... Concrete masonry  
 Ceilings ..... Exposed wood joists  
 Plumbing ..... Copper piping, cast iron fixtures  
 Heating ..... Unit heaters (bottled gas)  
 Electrical ..... Thinwall

PROJECT COST

A. Construction	
1. Structure .....	\$ 4,980.00
2. Services .....	500.00
3. Site .....	500.00
B. Supervision (by Architect)	
C. Furnishings .....	(None) ... 00.00
D. Other (2%) .....	130.00
E. Professional Services	
1. Architectural (6%) .....	390.00
	<hr/>
Total Estimated Cost of Project .....	\$ 6,500.00

Gross area sq. ft.      960 sq. ft.  
 Est. cost per sq. ft. \$6.77

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.



INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Greenhouse for Entomological Studies at proposed Mesa County Site

PROJECT DESCRIPTION

Construction of a Greenhouse 12' x 20' for Entomological Studies at proposed Mesa County Site. Building will be covered with plastic in lieu of glass.

PROJECT CONSTRUCTION

Structure .....	Concrete foundation and walls. Steel "T" section framing
Exterior walls .....	"Mylar" plastic in lieu of glass
Roofing .....	"Mylar" plastic in lieu of glass
Flooring .....	Gravel
Interior walls .....	Concrete and plastic
Plumbing .....	Copper piping
Heating .....	Space Heater
Electrical .....	Thinwall system

PROJECT COST

A. Construction		
1. Structure .....		\$ 4,116.00
2. Services .....		150.00
3. Site .....		150.00
B. Supervision (by Architect)		
C. Furnishings .....	(None)..	00.00
D. Other .....		96.00
E. Professional Services		
1. Architectural .....		288.00
		<hr/>
Total Estimated cost of Project .....		\$ 4,800.00

Gross area sq. ft. 240 sq. ft.  
 Est. cost per sq. ft. \$20.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Land Purchase for Mesa County Branch Station

PROJECT DESCRIPTION

Purchase of 80 acres of improved, irrigated farm land on Orchard Mesa for Mesa County Branch Experiment Station, including water rights, residence, out-buildings, and 30 acres of bearing fruit trees.

PROJECT COST

Estimated Cost ..... \$ 40,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Equipment for Mesa County Branch Station

PROJECT DESCRIPTION

Farm and field research equipment for operating Mesa County Branch Station farm and leased farm land in Mesa County.

PROJECT COST

Hand sugar refractometer.....	\$ 175.00
Toledo scales .....	450.00
3 hydrothermographs for recording temperature and relative humidity .....	750.00
Hunter color and color difference meter .....	2,400.00
Speedsprayer, Bean model 321 .....	4,000.00
Sprayer, 10 GPM and accessories .....	1,200.00
Vogel grain thresher .....	1,800.00
4 Parshall flumes @ \$75 .....	300.00
Eversman Automatic Land Leveler .....	1,500.00
Ditcher .....	300.00
Precision grain and grass drill .....	825.00
Precision type fertilizer spreader .....	300.00
50 fuel oil burners, for frost protection.....	1,000.00
	<u>\$ 15,000.00</u>
2 pick-up trucks for expanded research and farm operations at Mesa County Branch Station farm and leased land in Mesa County.....	<u>4,000.00</u>
Total Estimated Cost of equipment .....	\$ 19,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred to lack of time for study.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Equipment Items, U. S. Central Great Plains Field Station,  
Akron, Colorado

PROJECT COST

1. Capital equipment for expanded field crops research:

Vogel plot thresher (est.) .....	\$ 1,800.00
Small plot planter, 4-row cone type .....	1,500.00
Small plot planter, single-row cone type .....	250.00
Plot harvester, Jari single row .....	250.00
Plot mower (est.) .....	600.00
4 Soil temperature recorders @ \$250.00 .....	<u>1,000.00</u>

Estimated Total Request .....\$5,400.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$5,000.00.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Controlled Temperature and Humidity Chambers at Western Slope Branch Station, Austin, Colorado

PROJECT DESCRIPTION

Construction of a building to contain four (4) Apple Storage Studies. Chambers will be approximately 4' x 6' x 6', insulated and will be equipped with Temperature and Humidity controls.

PROJECT CONSTRUCTION

Structure .....	Concrete foundation, concrete masonry walls
Exterior Walls .....	Concrete masonry
Roofing .....	Built up composition
Windows .....	Aluminum
Flooring .....	Concrete slab
Interior walls .....	Concrete block masonry
Ceilings .....	Sheetrock
Plumbing .....	None, other than special equipment
Heating .....	Space heater, (bottle gas)
Electrical .....	Thinwall
Special Equipment .....	Temperature and Humidity controls

PROJECT COST

A. Construction	
1. Structure .....	\$3,230.00
2. Services .....	200.00
3. Site .....	250.00
B. Supervision (by Architect)	
C. Furnishings .....	00
D. Other .....	80.00
E. Professional Services	
1. Architectural .....	240.00
Estimated Cost .....	<u>\$4,000.00</u>

Gross area sq. ft. ....570 sq. ft.  
 Est. cost per sq. ft. .... \$7.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that savings be effected in equipment and that total of improvements at Austin Branch Experiment Station, namely PP-134-A,B,C-60, be approved at \$12,000.00.



INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Remodel Basement, Austin Branch Experiment Station

PROJECT DESCRIPTION

Remodel basement of present Office-Laboratory at Austin, Colorado, to provide room for leaf analysis laboratory

PROJECT COST

Estimated Cost ..... \$2,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that savings be effected in equipment and that total of improvements at Austin Branch Experiment Station, namely, PP-134-A,B,C,-60, be approved at \$12,000.00.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Equipment--Austin Branch Experiment Station

PROJECT CONSTRUCTION AND COST

Capital equipment for leaf analysis laboratory:

Beckman Model "B" spectrophotometer, complete tubes, flame attachments...	\$1,750.00
Drying oven, Freas, precision gravity model 144 .....	740.00
Roller-Smith balance .....	250.00
Magnetic mixer .....	51.00
Stainless steel bucket .....	28.00
Trip balances (weighing caustic chemicals) .....	138.00
Dessicator, inside diameter 200 mm and porcelain plate .....	28.00
Beckman model "G" pH meter .....	240.00
Gloves and aprons, eye protectors .....	15.00

Other scientific and field equipment, Western Slope Branch Station

Executive desk .....	300.00
Swivel chair .....	95.00
Straight chair .....	45.00
2 filing cabinets @ \$30.00 .....	60.00
Book case .....	60.00
Water cooler .....	30.00
10 folding chairs @ \$10.00 .....	100.00
Calculator .....	800.00
Warming ripening room with relative humidity control .....	500.00
Juicer for fruits .....	40.00
Centrifuge, clinical, 4 place head, for 50 ml tubes .....	120.00
Refractometer, AO Spencer Abbe, with sugar scale .....	685.00
Thermocouples and recording device .....	500.00
Weather barometer .....	20.00
Balance, analytical .....	353.00
10 mercury manometer tensiometers @ \$30.00 .....	300.00
Portable hygrothermograph .....	112.00
Wiley mill .....	300.00
1200 leaf sample bottles .....	140.00
Estimated Cost .....	\$7,800.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that savings be effected in equipment and that total of improvements at Austin Branch Experiment Station, namely, PP-134-A,B,C,-60, be approved at \$12,000.00.

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Repair Items, Hesperus Campus (Fort Lewis A & M Branch Station).

A. Repair domestic water system at Hesperus Campus .....	\$ 10,000.00
B. Replace gas distribution lines on Hesperus Campus, 3,000 ft. of 2" treated pipe with service outlets .....	4,500.00
C. Repair sewer system to residences on Hesperus Campus, including 4 new manholes, repair septic tank, clean out existing lines, and 100 yds. of 8" tile .....	2,750.00
D. Repair of 6 residences, barns, and corrals at Hesperus Campus .....	15,000.00
E. Reroofing of Library building and other repairs for use as Headquarters building for Experiment Station operations .....	<u>15,000.00</u>
Total Estimated Cost .....	\$ 47,250.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval in the amount of \$45,000.00.

INSTITUTION Colorado State College, Greeley

PROJECT Remodeling of Old Boiler House...New Industrial Arts Facility

PROJECT DESCRIPTION

Due to increasing enrollment, the current space allotted to Industrial Arts facilities at the College has become quite inadequate and overcrowded. This project contemplates the demolition and removal of the existing equipment and facilities in the former central heating system "Boiler House" structure, made obsolete by the construction of a new central high temperature hot water heating distribution system (complete with a new "Boiler Plant" building); and the remodeling of this building to provide adequate space and facilities for the Industrial Arts' activity at the College. The planned remodeling consists of utilizing the existing below-grade concrete floor area for a machine shop and welding areas; the addition of a first intermediate floor for woodworking, art metal, lapidary, and electrical work areas, plus toilet room facilities; and the addition of a second intermediate floor to be used for classroom area. A minimum amount of remodeling of the existing structure is planned.

PROJECT COST

A.	Construction	
1.	Structure (Gen.,Mech.,Elec.,Fixed Equipment).....	\$ 59,000.00
2.	Services (Sewers, Water, Power).....	None*
3.	Site (Roads, Walks, Grading).....	None*
B.	Supervision .....	400.00
C.	Furnishings (Furniture, Loose Equipment) .....	None*
D.	Other (Demolition within existing building) .....	3,000.00
E.	Professional Services	
1.	Architectural or Engineering .....	4,100.00
2.	Surveys or other site investigation .....	300.00
F.	Contingencies (5% of above) .....	3,200.00
	TOTAL Estimated cost of project .....	\$ 70,000.00

Gross Area sq. ft. 10,220  
 Est. Cost per sq. ft. \$6.85

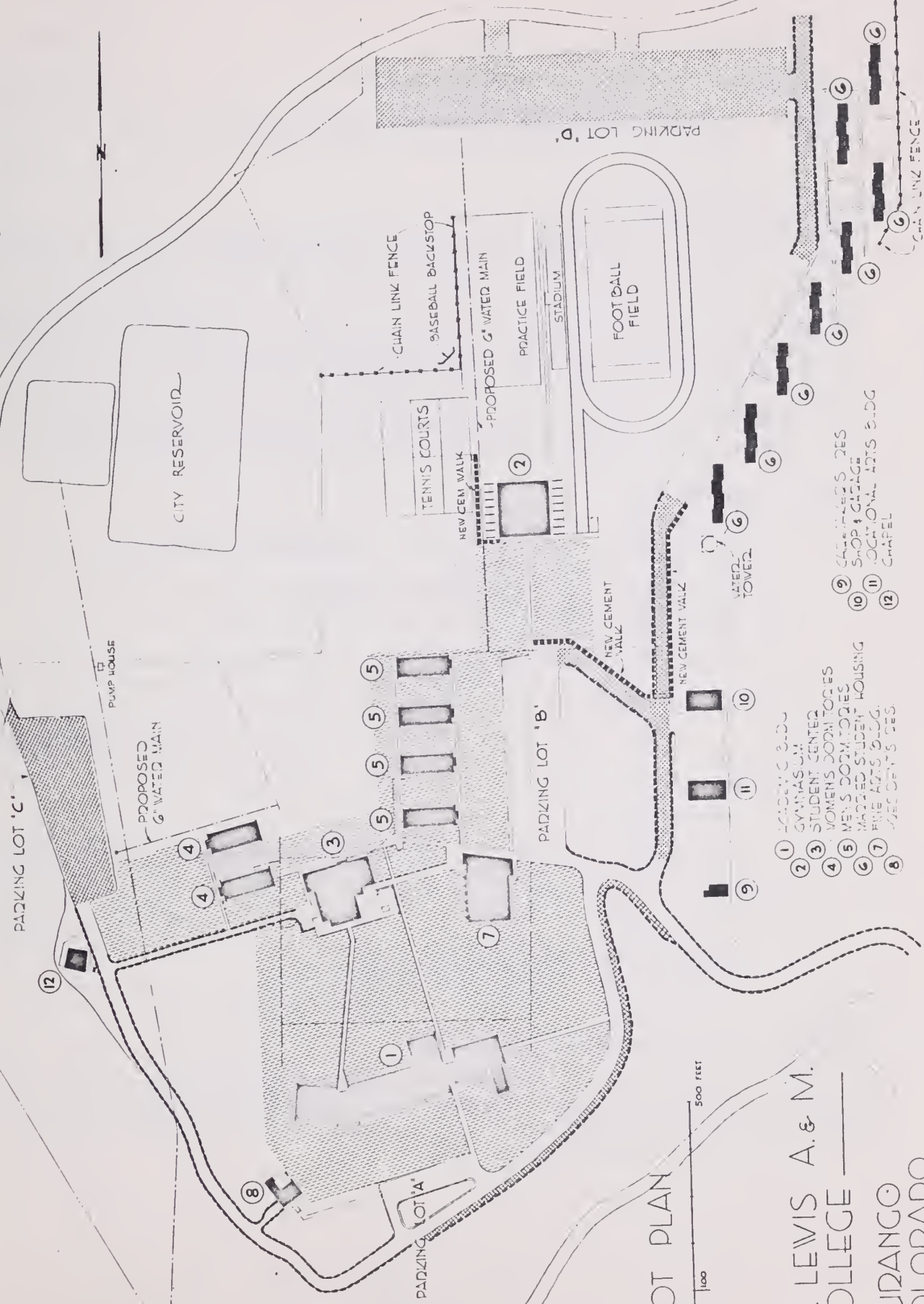
\*Existing facilities to be used in conjunction herewith.

STATE PLANNING DIVISION RECOMMENDATION

Since there is not sufficient money remaining uncommitted in the building mill levy fund of Colorado State College to finance this needed improvement, it is the recommendation of the Advisory Board of the State Planning Division that \$70,000.00 be approved for remodeling of the old heating plant building as an Industrial Arts facility.



- NEW CURBS & GUTTER
- ▨ NEW PAVING
- ▨ IDEA TO BE SERVED BY SPRINKLING SYSTEM



- ① ACADEMY BLDG
- ② GYMNASIUM
- ③ STUDENT CENTER
- ④ WOMEN'S DORMITORIES
- ⑤ MEN'S DORMITORIES
- ⑥ MARRIED STUDENT HOUSING
- ⑦ FINE ARTS BLDG.
- ⑧ MESS HALL
- ⑨ CHAIRMAN'S DES
- ⑩ SHOP & GARAGE
- ⑪ OCCASIONAL ARTS BLDG
- ⑫ CHAPEL

PLOT PLAN

100  
500 FEET

FT. LEWIS A. & M.  
COLLEGE  
DURANGO  
COLORADO



INSTITUTION Ft. Lewis A. & M. College, Durango

PROJECT Preparation of Plans for Science Building and Conversion of Academic Building Laboratories to Class Rooms

PROJECT DESCRIPTION

The enrollment for the first semester 1959 was 401 (head count day students). A 20% increase was predicted for the first semester 1960, representing a total of 480. The enrollment for the first semester 1960 has reached 570. This represents an increase in excess of 40% and places the Institution within eleven students of the enrollment predicted for the first semester of 1963, which was 581. Growth of the Institution is approximately three full years ahead of anticipated growth. Occupancy of the requested unit cannot be expected before September 1963. On the basis of present enrollment and revised predicted enrollment by the time the unit is available to the college, the enrollment may well be in excess of 800 students with the big increase yet to come in 1965.

PROJECT CONSTRUCTION

- A. Double section chemistry lab. 200 students minimum
- B. One 250 seat lecture room
- C. One physics lab. 75 students minimum
- D. Two lecture-type classrooms, 45 students each
- E. Six faculty offices
- F. Equipment for laboratories

Construction would be of concrete and masonry in keeping with existing buildings. Location: west end of Academic Building, extending north-east.

PROJECT COST

1. Science Unit		
13,300 sq. ft. @ \$30 .....	\$ 399,000	
2. Existing Lab. (Remodel).....	25,000	
		\$ 424,000
3. Architectural fees @ 6% .....	24,000	
(Estimated building costs include all professional services)		

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that \$18,000 be provided for the preparation of plans and cost estimates of the proposed Science Building at Fort Lewis A. & M. College, and that financing of construction be deferred until 1962.

INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Water Distribution System

PROJECT DESCRIPTION

Extension of existing water mains is necessary to provide water for irrigation purposes in the areas described. It will also supplement existing fire protection measures.

PROJECT CONSTRUCTION

For the construction of a 6" water main extending from the present water distribution system in the following areas:

1. 6" water main extending north from the N.W. corner of Parking lot B, 1,100 ft. to a point north and west of the gymnasium.
2. 6" water main extending west and south from the Women's Dormitory, 400 ft. to Parking lot C.
3. Installation of the necessary fire plugs to the specifications of the City of Durango Fire Dept.
4. Installation of 1½ ground flush hydrants at intervals of 100 ft. along the proposed lines.

PROJECT COST

Based on existing construction costs for this type of construction in the Durango area ..... \$ 10,400.00

STATE PLANNING DIVISION RECOMMENDATION:

Recommended that a lump sum of \$45,900 be approved for development of the following Ft. Lewis A. & M. projects in approximate amounts as indicated below:

1.	06-60	Water distribution system extension .....	\$ 10,400.00
2.	08-60	Campus Exterior Lighting .....	16,500.00
3.	12-60	Water Softener Installation .....	8,000.00
4.	13-60	Landscaping .....	5,000.00
5.	14-60	Remodeling Electrical Power Delivery Site .....	1,500.00
6.	32-60	Running Track Construction .....	2,000.00
7.	11-60	Chain Link Fencing .....	2,500.00

INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Campus Exterior Lighting

PROJECT DESCRIPTION

Additional exterior lighting becomes more necessary as the student population increases. In several areas there is little or no lighting. Poorly lighted and unlighted areas affords no protection against vandals and other petty malicious mischief.

PROJECT CONSTRUCTION

1. Pedestrian walks from Academic Building to the Gymnasium including the walks between the Fine Arts Building and the Student Center.
2. Flood lights in the area West of Student Center and Women's Dormitory.
3. Flood lights in the area West of the Fine Arts Building and the concrete patio of the Student Center.
4. Flood lights in the area North of the Fine Arts Building and East of the Men's Dormitory.
5. Flood lights in area West of Women's Dormitory.
6. Additional street lights in Parking Lot C and all street lights in Parking Lot D.
7. Flood lights in the Service Building area.
8. Flood lights on pedestrian walk from Parking lot D to the Gymnasium.

PROJECT COST

Total Cost of Project ..... \$ 16,500.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that a lump sum of \$45,900 be approved for development of the following Ft. Lewis A & M project in approximate amounts as indicated below:

1.	06-60	Water distribution system extension.....	\$ 10,400.00
2.	08-60	Campus Exterior Lighting .....	16,500.00
3.	12-60	Water Softener Installation .....	8,000.00
4.	13-60	Landscaping .....	5,000.00
5.	14-60	Remodeling Electrical Power Delivery Site .....	1,500.00
6.	32-60	Running Track Construction .....	2,000.00
7.	11-60	Chain Link Fencing .....	2,500.00

INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Chain link fencing

PROJECT DESCRIPTION

To attain full use of the Baseball Field Area, fencing of some type will be required. This will involve the construction of a fence along the sidelines as well as the construction of the backstop.

The married student housing units are located adjacent to the city owned Municipal Golf Course. Part of the fence separating these two areas is in and completed. It is now necessary to complete this fence to the perimeter road.

PROJECT CONSTRUCTION

For the furnishing and installation of chain link fencing in the following areas:

1. Baseball field back stop.
2. Baseball field sidelines.
3. North from married Student Housing units to perimeter road.

PROJECT COST

Cost estimates are based on existing unit prices for this type of material ..... \$ 10,000.00

STATE PLANNING DIVISION RECOMMENDATION:

INTRODUCTORY, Funds recommended in amount of \$2,500 for construction of Baseball field back stop and for fencing adjacent to Student Housing.

Recommended that a lump sum of \$45,900 be approved for development of the following Ft. Lewis A. & M. projects in approximate amounts as indicated below:

1.	06-60	Water distribution system extension .....	\$ 10,400.00
2.	08-60	Campus Exterior Lighting .....	16,500.00
3.	12-60	Water Softener Installation .....	8,000.00
4.	13-60	Landscaping .....	5,000.00
5.	14-60	Remodeling Electrical Power Delivery Site .....	1,500.00
6.	32-60	Running Track Construction .....	2,000.00
7.	11-60	Chain Link Fencing .....	2,500.00

INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Water Softener Installation

PROJECT DESCRIPTION

The degree of hardness in the water supply ranges from 8 grains to 22 grains depending upon the time of year and the source of supply. During the past year hard water build-up in the water heating coils on the boilers in the student center building and the dormitories has decreased the efficiency of the units down to about 60% of normal capacity. The same condition exists in all other hot water heating systems and domestic supply systems. Without the addition of water softeners, a major replacement of all hot water heating systems and domestic hot water supply systems will be inevitable.

PROJECT CONSTRUCTION

For the furnishing and installation of automatic water softeners in the following buildings:

1. Academic Building main heating boiler.
2. Academic Building Greenhouse boiler.
3. Fine Arts Building main heating boiler.
4. Gymnasium hot water supply boilers.
5. President's Residence main heating boiler.
6. Student Center Building main heating boiler.
7. Women's Dormitory main heating boiler.
8. Men's Dormitory A--main heating boiler.
9. Men's Dormitory B--main heating boiler.
10. Caretaker's Residence--water supply system.

Water softeners of adequate size and capacity should be installed in each location.

PROJECT COST

Cost estimates are based on tentative costs supplied for unit now in the Student Center Building on a lease basis ..... \$ 8,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that a lump sum of \$45,900 be approved for development of the following Ft. Lewis A. & M. projects in approximate amounts as indicated below:

1.	06-60	Water distribution system extension .....	\$	10,400.00
2.	08-60	Campus Exterior Lighting .....		16,500.00
3.	12-60	Water Softener Installation .....		8,000.00
4.	13-60	Landscaping .....		5,000.00
5.	14-60	Remodeling Electrical Power Delivery Site .....		1,500.00
6.	32-60	Running Track Construction .....		2,000.00
7.	11-60	Chain Link Fencing .....		2,500.00



INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Landscaping

PROJECT DESCRIPTION

When fully landscaped, the Campus of Fort Lewis A & M College will be among the most striking of all college campuses in the West. It is fully desirable to add the necessary trees, shrubs, lawns and other planting on the Campus in order to bring the area surrounding the buildings up to the same standards of attractiveness as has been put into the buildings.

In order to complete the intra-mural playing field areas, it is necessary to do some land leveling. This is necessary in order to attain full and maximum use of this part of the Campus.

PROJECT CONSTRUCTION

For the furnishing of trees, shrubs, and other planting to further develop the landscaping plan of the Campus. For the required excavation and earth moving necessary to complete the playing field area on the north side of the Campus.

PROJECT COST

This will not complete the landscaping plan for the Campus. However, it is deemed advisable to complete just a part of this each year.... \$ 15,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that a lump sum of \$45,900 be approved for development of the following Ft. Lewis A & M projects in approximate amounts as indicated below:

1.	06-60	Water distribution system extension.....	\$ 10,400.00
2.	08-60	Campus Exterior Lighting .....	16,500.00
3.	12-60	Water Softener Installation .....	8,000.00
4.	13-60	Landscaping .....	5,000.00
5.	14-60	Remodeling Electrical Power Delivery Site .....	1,500.00
6.	32-60	Running Track Construction .....	2,000.00
7.	11-60	Chain Link Fencing .....	2,500.00

INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Remodeling electrical power Delivery Site

PROJECT DESCRIPTION

Central power delivery and metering site needs to be remodeled and revised so that power failures and power shut downs will not heave the entire campus without power.

PROJECT CONSTRUCTION

To remodel and revise power delivery site so that it conforms to the specifications of the Western Colorado Power Company.

PROJECT COST

This is based on figures obtained from the Western Colorado Power Company.

Estimated Cost ..... \$ 1,500.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that a lump sum of \$45,900 be approved for development of the following Ft. Lewis A & M projects in approximate amounts as indicated below:

- 1. 06-60 Water distribution system extension ..... \$ 10,400.00
- 2. 08-60 Campus Exterior Lighting ..... 16,500.00
- 3. 12-60 Water Softener Installation ..... 8,000.00
- 4. 13-60 Landscaping ..... 5,000.00
- 5. 14-60 Remodeling Electrical Power Delivery Site ..... 1,500.00
- 6. 32-60 Running Track Construction ..... 2,000.00
- 7. 11-60 Chain Link Fencing ..... 2,500.00

INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Running Track Construction

PROJECT DESCRIPTION

The Redwood plank curbing installed on the running track under Project 637 is completely inadequate and unsatisfactory. The installation of this material was completed this past spring. Already, it has been necessary to replace several sections of the planking. The steel posts used in this installation present a far greater hazard to safety than would an ordinary concrete curb.

To make the running track fully adequate, it will be necessary to complete the construction of a cinder running surface. In so doing the drainage of the track will be completed. Except for landscaping and planting, this will substantially complete this phase of development of the stadium area.

PROJECT CONSTRUCTION

For the construction of a concrete curb around the inside of the track; for the excavation of the running track and placement of rock and cinders to bring the running track up to standard specifications.

PROJECT COST

This is based on the best available unit price estimates for this type of work ..... \$ 12,250.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that a lump sum of \$45,900 be approved for development of the following Ft. Lewis A & M projects in approximate amounts as indicated below:

1.	06-60	Water distribution system extension .....	\$ 10,400.00
2.	08-60	Campus Exterior Lighting .....	16,500.00
3.	12-60	Water Softener Installation .....	8,000.00
4.	13-60	Landscaping .....	5,000.00
5.	14-60	Remodeling Electrical Power Delivery Site .....	1,500.00
6.	32-60	Running Track Construction .....	2,000.00
7.	11-60	Chain Link Fencing .....	2,500.00

INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Curb, Gutter and Sidewalk Construction

PROJECT DESCRIPTION

Proposed curb and gutter construction completes all existing campus roads where curb and gutter will be required. This will define all existing roads. Proposed construction will prevent indiscriminate campus traffic across areas where vehicle traffic is not permitted. This will also serve to better control water run off.

At the present stage of campus development, the proposed sidewalk construction will complete all traffic ways for pedestrian traffic. Areas to be served by the proposed sidewalks are separated from the academic part of the campus and all pedestrian traffic is forced to use the vehicular roads.

PROJECT CONSTRUCTION

Curb and Gutter

1. Perimeter road from parking lot C to campus entrance.
2. Service road to Student Center Building.
3. Service road from perimeter road to water tower.
4. Exit road from Parking lot B.

Sidewalk

1. From water tower south to Industrial Arts Bldg. and west to Parking Lot B.
2. From gymnasium to tennis court area.
3. Concrete steps at tennis court area.

PROJECT COST

\$ 23,450.00

STATE PLANNING DIVISION RECOMMENDATION:

Recommended for approval in the amount of \$21,000.

INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Road and Street Improvement

PROJECT DESCRIPTION

The proposed project covers all campus roads and parking lots not now paved. This is required to complete this phase of campus development. The peculiar properties of the soil on the campus make it imperative that all roads and parking lots be completed, including paving, to insure continuing and maximum use.

PROJECT CONSTRUCTION

For the construction, ballasting, finish grading and placement of plant-mixed hot asphalt mat on the following roads and parking lots:

- |   |                 |
|---|-----------------|
| 1. Parking lot C, 475' x 125'                                       | 6,600 Sq. yds.  |
| 2. Parking lot D, 880' x 160'                                       | 15,650 Sq. yds. |
| 3. Entrance Roads to Parking lot D,<br>3 ea. @ 50' x 30'            | 500 Sq. yds.    |
| 4. Service Road from perimeter road<br>to water tower, 800' x 24'   | 2,150 Sq. yds.  |
| 5. Industrial Arts Bldg. to Parking<br>lot B, 225' x 40'            | 1,000 Sq. yds.  |
| 6. Perimeter road from Parking lot<br>C to property line 150' x 24' | 400 Sq. yds.    |

PROJECT COST

26,300 Sq. yds. @ \$1.72 per yd. based on  
current unit prices - Durango ..... \$ 45,265.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that Parking Lot D and entrance roads to Parking Lot D (\$27,700) be deferred and that the remainder of the project be approved in the amount of \$17,565.00.



INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Land Purchase

PROJECT DESCRIPTION

The Durango Campus of Fort Lewis A & M College, consisting of 139.9 acres, was originally secured from the City of Durango, Colorado. This acreage lies on a mesa immediately east of a portion of the residential district of Durango. Approximately two-thirds of the Campus area is table land on which is located the present Campus facilities, consisting of seventeen buildings and the playing fields for physical education activities. The area is rapidly filling up.

The original Campus is very irregular shaped parcel lying principally in the northeast quarter of Section 29, in the southeast quarter of the southeast quarter of Section 20, and in the southwest quarter of the northwest quarter of Section 28, Township 35 North, Range 9 West and comprising some 140 acres.

The topography of the Land bounded as it is by precipitous slopes on the north, west, and south denies any expansion in these three directions and leaves only the possibility of growth to the east, except for a small parcel of some 10 to 12 acres now occupied by the city reservoir to the northwest.

The City owns additional land at the northwest corner of the campus on which is located two city water reservoirs. Approximately ten acres of land are involved in this area. The City owns additional land lying east of the campus, which is being used as a picnic grounds area and a golf course. The golf course area has been leased to Durango Municipal Recreation, Inc. for a 99-year period. The picnic grounds area, consisting of approximately 20 acres can be purchased at this time by the college.

In considering the long-range land requirements for the College, it is fortunate that the Durango Municipal Recreation, Inc. holds a long term lease on that area being used as a golf course. If and when acreage is needed by the college, it probably can be acquired at a price that would duplicate their acreage and facilities elsewhere. This provides a safeguard against having to purchase land with expensive improvements thereon, such as has been experienced by some of the other State Colleges and universities in Colorado.

For the past two years preliminary negotiations have been carried on with the City Council of Durango regarding the purchase of the picnic grounds area. They have repeatedly been approached by builders who desire to make a home addition area there, but have to date taken the position that the land should be sold only to the College.

The picnic area is surrounded on three sides by College-owned property and is suitable for additional facilities of any kind, but particularly for student and staff housing.

An examination of the enclosed map shows the picnic grounds area in question. The purchase price of \$2000 per acre is a very reasonable price for the property. Once the money is made available to purchase the property, final negotiations will be made with the City and every effort made to secure the best possible price. A firm commitment will be asked for prior to our hearing with the sub-committee. Every effort will be made to stay within the \$2000 per acre figure. In the event any savings are derived they would naturally revert to the State.

The City has long-range plans for abandoning the two reservoirs located on the ten acres previously referred to. It is very important that this acreage be acquired by the College when it becomes available.

Located east of the college are 1,683.90 acres belonging to the Federal Government, and controlled by the Bureau of Land Management. This is, in general Hillside property on which there are pinon trees and some grass suitable for grazing purposes. The College, with Board Authorization, has made application for purchase of this land. Government regulations state that a purchase of 640 acres per year is the maximum that may be made. If this project develops, the land in question would have to be obtained over a three year period. It was estimated that it could be purchased for less than \$10 per acre. The Board has concluded that this Government-owned land could be utilized by the College at present in three ways:

1. Agricultural studies.
2. Archeological studies.
3. Recreational uses.

Its future monetary value could be great.

Lying east of the Campus area and joining the east property line of the College is approximately seven quarter sections of land owned by La Plata County. Preliminary negotiations reveal that this land could be obtained by the College at a reasonable price. In the event it can be purchased at a fair price, the Board is of the opinion it should be acquired by the College.

The four parcels of land: Picnic grounds area, Reservoir area, Government land, and County land, are indicated on the enclosed map of the area. Our long-range plan for land acquisition is as follows:

1. Acquisition of the picnic grounds area at this time.
2. Purchase of the reservoir area when it becomes available.
3. Purchase of the three parcels of Government land as it becomes available, which could be 1960, 1961, and 1962.
4. Acquisition of the County land when it becomes available, probably in 1961-63.

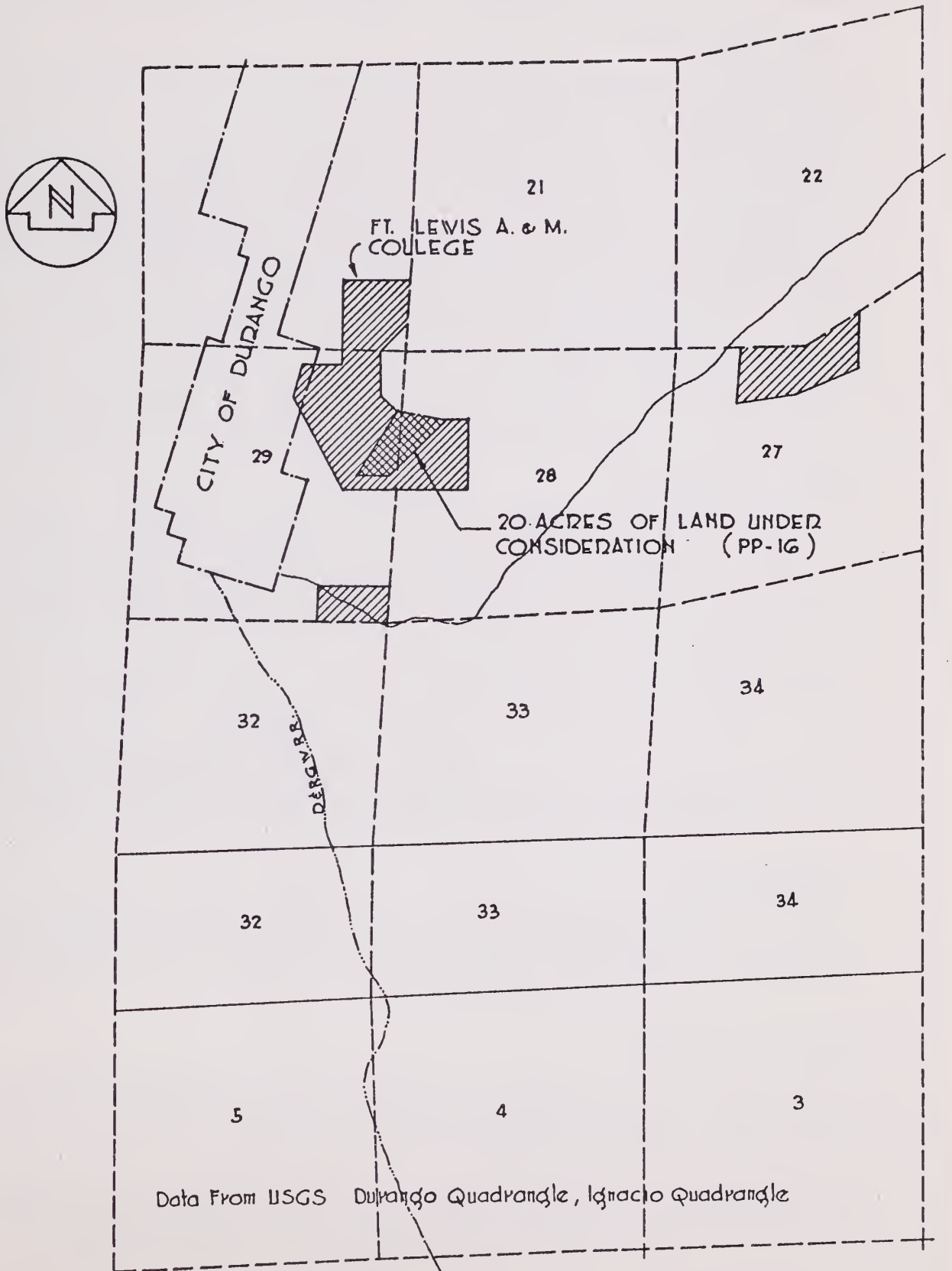
It is recommended, urged, and requested that the Colorado State Planning Division recommend approval for the College to purchase the picnic grounds area of approximately 20 acres, at an estimated cost of \$2000 per acre for a total dollar cost of \$30,000, during the fiscal year 1960-61, and the other land as outlined when it becomes available.

While the problem of land acquisition for growth is not a pressing one nor a high priority problem, it would appear that all of the factors involved are clearly discernible at this time.

#### STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the Administration of Fort Lewis A & M College secure from officials of the City of Durango a firm proposal for the acquisition of this land; and further, that a lease with option to buy be executed, if the price of the land is satisfactory to the State Board of Agriculture and the Administration of the College as well as to the Governor of Colorado and other State officials, as required by law.

PP-16-60  
LAND PURCHASE  
FORT LEWIS A. & M. COLLEGE, DURANGO





INSTITUTION University of Colorado, Boulder

PROJECT Land Purchase Program

PROJECT DESCRIPTION

To provide an adequate reserve of land for the long-range development of the Boulder Campus, the University proposes to acquire approximately 250 acres of raw land adjacent to or near present University holdings. This reserve will provide primarily for the potential development of research installations that should be kept in close proximity to the academic departments of the campus. The program also would provide for the acquisition of 1,280 acres (two sections) of land within a 10-mile radius of the campus for eventual use as sites for engineering and scientific field stations or as sites for non-profit research agencies that would contribute to the development of the State and the University. It is proposed that a capital appropriation of \$190,000.00 by the General Assembly be combined with the approximately \$100,000.00 which the University has in its permanent land fund to permit the University to enter into negotiations for purchase contracts and options on the land, with capital appropriations during each of the next four years to fund the remaining cost of acquisition.

PROJECT JUSTIFICATION

The study of long term needs of the Boulder campus conducted in 1959 by John Carl Warnecke and associates indicated the urgency of starting immediately on a program of land acquisition. This study determined that the University ultimately will need an additional 454 acres near the central campus and 1,280 acres off-campus for engineering and scientific field station development. The raw land near present University holdings is being rapidly consumed by subdivision development or is being acquired by subdivision developers for residential development. Unless the University is able to acquire a portion of this land soon, it will be surrounded by residential development. Developed land costs 25 to 50 times more per acre to acquire than raw land. The 250 acres of land near the campus under this program is largely for potential use for large research installations. Additional land for single and married student housing will be acquired through revenue financing methods in smaller tracts as needed.

ESTIMATED COST

The total cost of acquiring the 250 acres of land near the campus and the 1,280 acres of off-campus land cannot be determined until the actual purchase contracts are negotiated. From current land prices, it is estimated that the program will cost about \$1,500,000.00.

MEANS OF FINANCING

The University has no resources available for land acquisition other than the \$100,000.00 in the permanent land fund to be applied toward the initial down payments on purchase contracts or toward options.

It is proposed that a capital appropriation of \$190,000.00 be combined with the \$100,000.00 in University funds to initiate the program and to make the first year's payments on purchase contract or to secure options.



The balance of the cost, depending upon the negotiated terms of the purchase agreements, will be funded from annual capital appropriations of approximately \$300,000.00. If it is assumed that the total cost will be \$1,500,000.00, the following funding program could be worked out:

1961-62	University Permanent Land Fund .....	\$ 100,000.00
	State Capital Appropriation .....	<u>190,000.00</u>
		\$ 290,000.00
1962-63	State Capital Appropriation .....	302,500.00
1963-64	State Capital Appropriation .....	302,500.00
1964-65	State Capital Appropriation .....	302,500.00
1965-66	State Capital Appropriation .....	<u>302,500.00</u>
	Estimated Total Cost .....	\$1,500,000.00

REFERENCES

John Carl Warnecke and Associates, A Study of Long Term Land Requirements for the University of Colorado Boulder Campus, December 1959.

John W. Bartram, "Land Acquisition Program," memorandum to President Newton, December 17, 1959.

Budget Report, State of Colorado, Capital Construction Supplement, 1960-61, January 1960, Schedule CC-17.

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that \$190,000.00 be provided for the land acquisition program of the University of Colorado at Boulder; and further that consideration be given to an amendment to the Building Mill Levy Fund statute of the University, namely, Chap. 124-2-38, C.R.S. 1953, as amended, to provide that building mill levy funds of the University can be expended for the purchase of land, with approval of the Governor of Colorado and other State officials as now required.

INSTITUTION University of Colorado - Boulder, Colorado

PROJECT Deferred Maintenance

PROJECT DESCRIPTION

During the past year, the University's Physical Plant Department has inventoried the major repair and alteration needs occasioned by the building on campus, in connection with the development by the Planning Office of the Capital Budget Program

The inventory shows a need for some \$600,000 to bring the buildings in question to an acceptable standard. Not included in this figure are the costs of remodeling Ketchum, Ekebey, and Macky Buildings which are already in the Capital Budget Program. Included in this program are: Hellems Building, Henderson Building, Physics Building, Service Building, Hale Building, Main Building, Women's Gymnasium, Theatre Building, Men's Gymnasium, and Hellems Annex.

It is requested that the projects be financed over the next six years with a \$100,000 appropriation each year starting in 1961-1962

INSTITUTION University of Colorado Medical Center, Denver

PROJECT Hospital, Out-Patient Department and Clinical Wing

PROJECT DESCRIPTION

The proposed building has been designed to meet the pressing needs of the Medical Center's extensive program of medical education and medical care. The new Hospital and Out-Patient Department will provide facilities consonant with quality medical care for all patients; at the same time, they have been planned to support the diverse teaching programs which include not only instruction of medical students but of nursing students, students in the para-medical fields such as medical technology, x-ray technology, occupational therapy, physical therapy, etc., as well. Programs of graduate education, primarily for interns, residents and fellows, will likewise go forward far more effectively in the new structure.

In planning the new building, much thought has been given to not only our past needs but to our future needs as well. As much flexibility as possible has been incorporated into design in order to meet the inevitable changes in the years ahead.

The proposed building consists of eight stories and a basement, and a four-story wing across Ninth Avenue which will provide a functional "bridge" between the new Hospital and the Medical School. The three lower floors of the Hospital will include an Out-Patient Department planned to provide for 200,000 out-patient visits per year; in addition, the clinical and service departments to serve both in-patients and out-patients will be located in these three floors. The upper six floors, comprising the tower of the Hospital, will contain the nursing units of 427 patient beds. In the clinical wing, joining the Hospital to the Medical School, there will be offices and research laboratories for the four clinical departments responsible for the majority of patient care in the Hospital.

PROJECT CONSTRUCTION

Structure .....	Concrete and steel
Exterior walls .....	Face brick, block or tile back-up and Insulated panel curtain walls
Roofing .....	Built-up composition
Windows .....	Metal (Aluminum)
Flooring .....	Terrazzo, Ceramic tile and Vinyl tile
Interior walls .....	Ceramic block, Metal-glass partitions and plaster
Ceilings .....	Acoustical tile and plaster
Plumbing .....	Hospital and institutional fixtures
Electrical .....	Conduit, fluorescent and incandescent fixtures, 4000 volt looped primary service
Heating .....	Complete winter-summer air conditioning system using hot and cold water with tempered fresh air make-up to individual convactor blower units in patients' rooms and to central units in general interior spaces. Surgery, birth department and nurseries will be on individual systems isolated from other areas of the building.

PROJECT CONSTRUCTION (cont'd)

Special Equipment.....Diagnostic X-ray, super-voltage X-ray, Physical and hydrotherapy, Sterilizers, Operating Room lights, Hospital and Research Laboratory cabinets and furniture, etc.

PROJECT COST

I.	Hospital and Out-Patient Department	
A.	Construction Cost	
1.	Structure (General, Mechanical, Electrical, Fixed Equipment, Site .....	\$13,500,000
2.	Services (Sewer) .....	25,000
3.	Special Foundation Work .....	125,000
B.	Supervision .....	24,000
C.	Furnishings (Furniture, Loose equipment, Laundry equipment) .....	715,000
D.	Other .....	none
E.	Professional Services (Architects and Engineers) .....	640,000
F.	Sub-total Estimated Cost of Project.....	\$15,029,000

Gross Area sq. ft. 467,350  
 Est. Cost per sq. ft. \$30.31

II.	Clinical Wing over street	
A.	Construction Cost - Structure .....	\$ 1,650,000
B.	Supervision (Included in I.B. above)	
C.	Furnishings .....	50,000
D.	Other (none)	
E.	Professional Services (Architects and Engineers).....	76,000
F.	Sub-Total Estimated Cost of Project.....	\$ 1,776,000

Gross Area sq. ft. 69,000  
 Est. Cost per sq. ft. \$25.74  
 (includes under street tunnel)

TOTAL ESTIMATED COST OF PROJECT.....\$16,805,000

Note: The above project costs are shown in two parts because of two different square foot costs; however, the two areas should be considered as one project.

STATUS OF UTILITIES FOR PROJECT

I - insufficient                                      S - sufficient                                      R - reserve available

WATER   S        SEWERS   I        POWER   R        ROADS   S  

If not sufficient, show estimated cost      \$   25,000

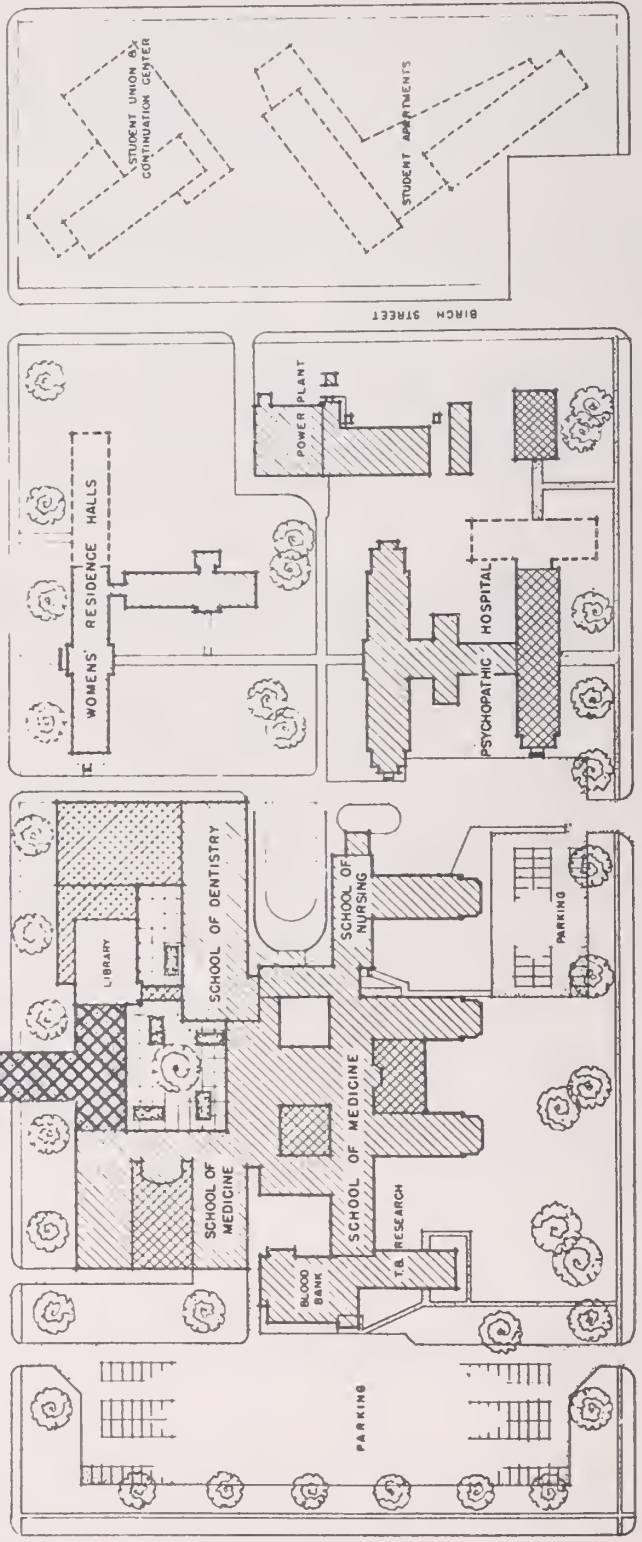
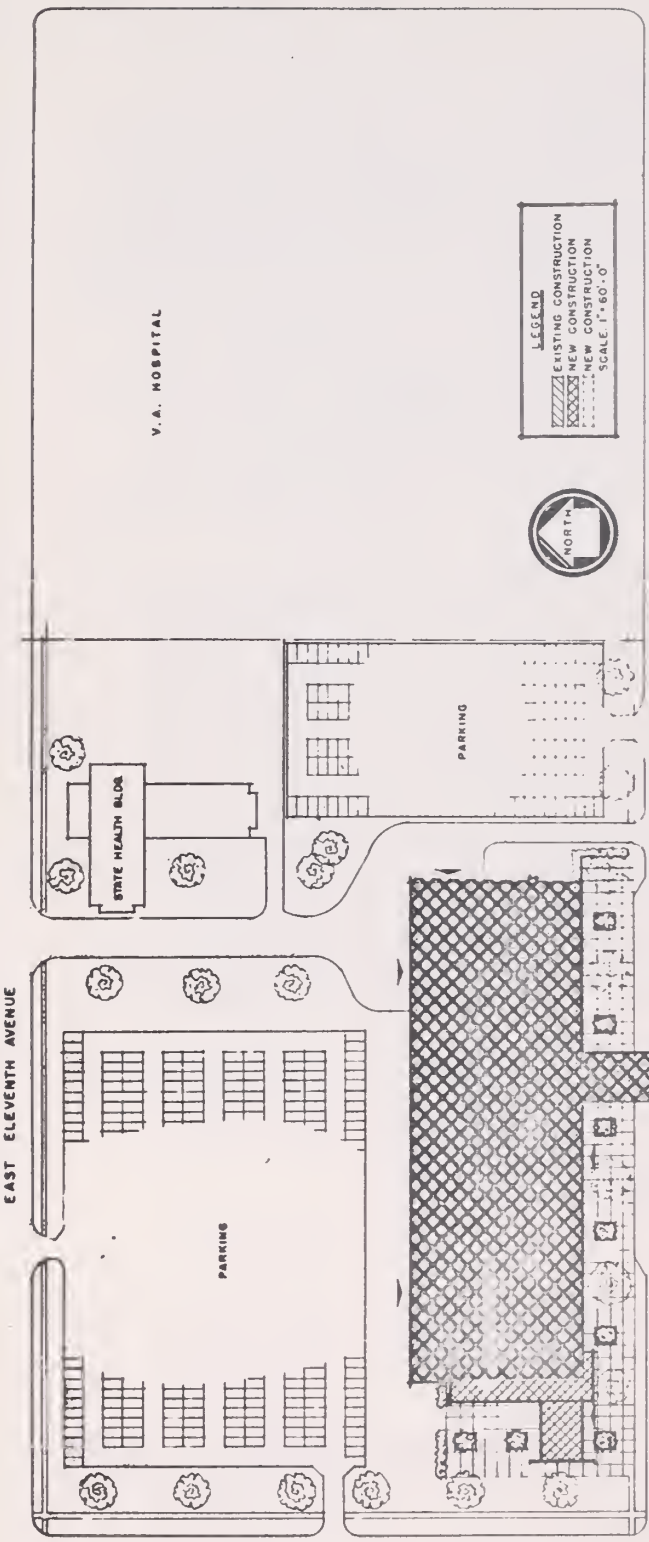


STATE PLANNING DIVISION RECOMMENDATION

INTRODUCTORY In the consideration of this program of expansion of the University of Colorado Medical Center, attention was given by the Advisory Board of the State Planning Division to the fact that the proposal under consideration for financing at this time is the 427-bed, eight-story hospital building with out-patient department, clinical wing and auxiliary facilities, the total cost of which construction, together with furnishings, equipment and architects' fees adds up to \$16,805,000. The construction must be undertaken in "one piece", that is, it cannot be broken up into several construction projects of three or four million dollars each. Consequently, practically all of the project must be financed before its construction can be contracted by the State. A study of the several items in the project indicates that approximately \$960,000 can be deferred one to two years for financing, but the balance, \$15,845,000, must be financed under one complete financing plan in order for the project to be undertaken.

Recommended by the Advisory Board of the State Planning Division that \$960,000 of the total amount requested be deferred until after 1961 for financing; that present building mill levy income of the University Medical Center, totaling approximately \$4,211,000, which is available through the issuance of anticipation warrants against estimated income from the levy through 1965, be applied towards financing the project, as well as \$1,200,000 of Federal funds already obtained by the Medical Center; and that the balance remaining, amounting to approximately \$10,434,000, be financed by the mill levy method over the next several years.....In considering this recommendation, the Advisory Board noted that two State mill levies for building purposes expire in 1960, with final collections from the levies to run through 1961. These are the levies for the State Hospital at Pueblo and the State Penitentiary at Canon City which levies were enacted in 1956 by the Fortieth General Assembly to run for 5 years, through 1960. Total of these two levies is .70803 mill and the income from the levies in 1961 is estimated at \$2,536,270. If this amount of mill levy were continued for another four years, through 1965, the estimated income would total approximately \$10,145,000, which amount would aid materially towards financing the \$10,434,000 of additional funds needed for construction of the 427-bed hospital and clinical facilities at the University Medical Center.

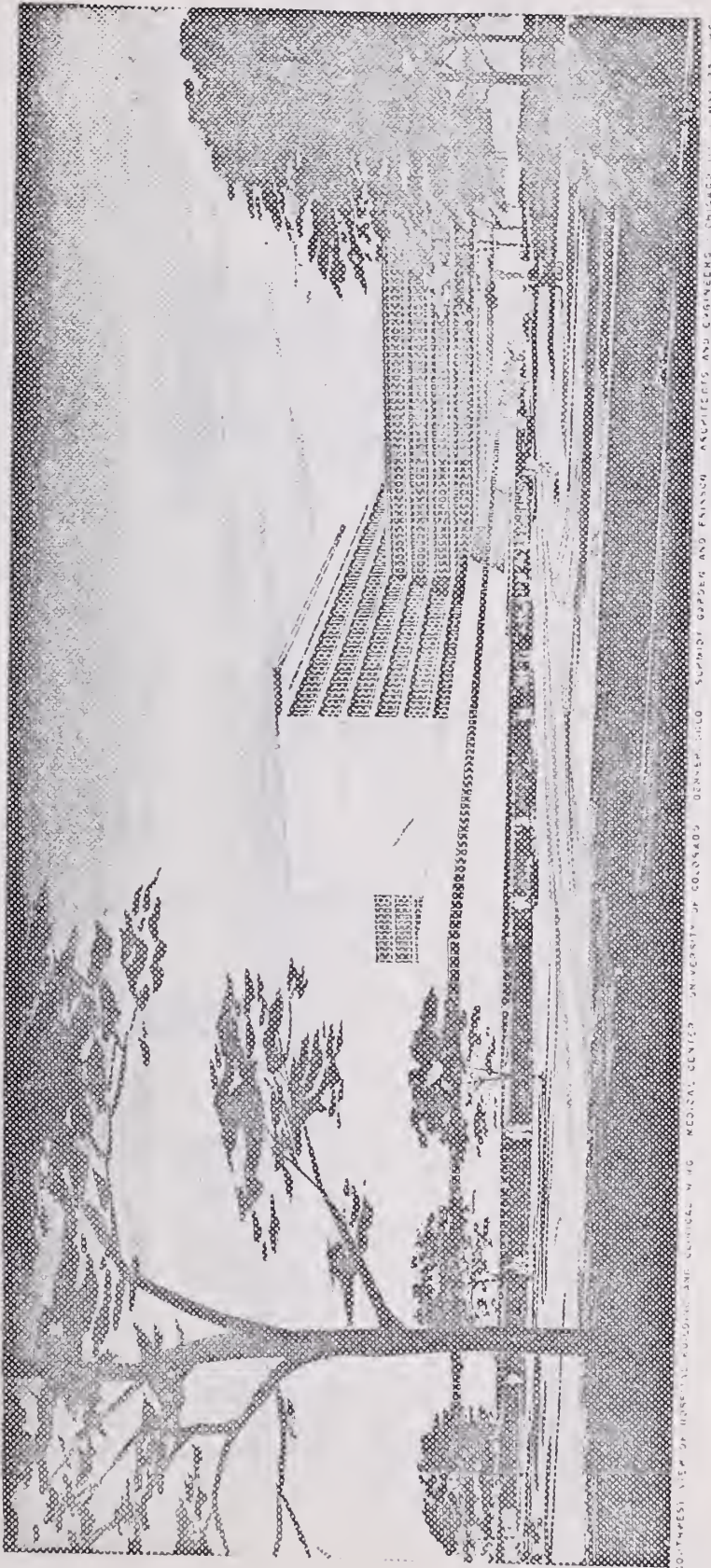




MASTER PLOT PLAN  
 UNIVERSITY OF COLORADO MEDICAL CENTER  
 DENVER, COLORADO

PP-33-60  
 HOSPITAL & CLINICAL WING  
 C.U. MEDICAL CENTER, DENVER

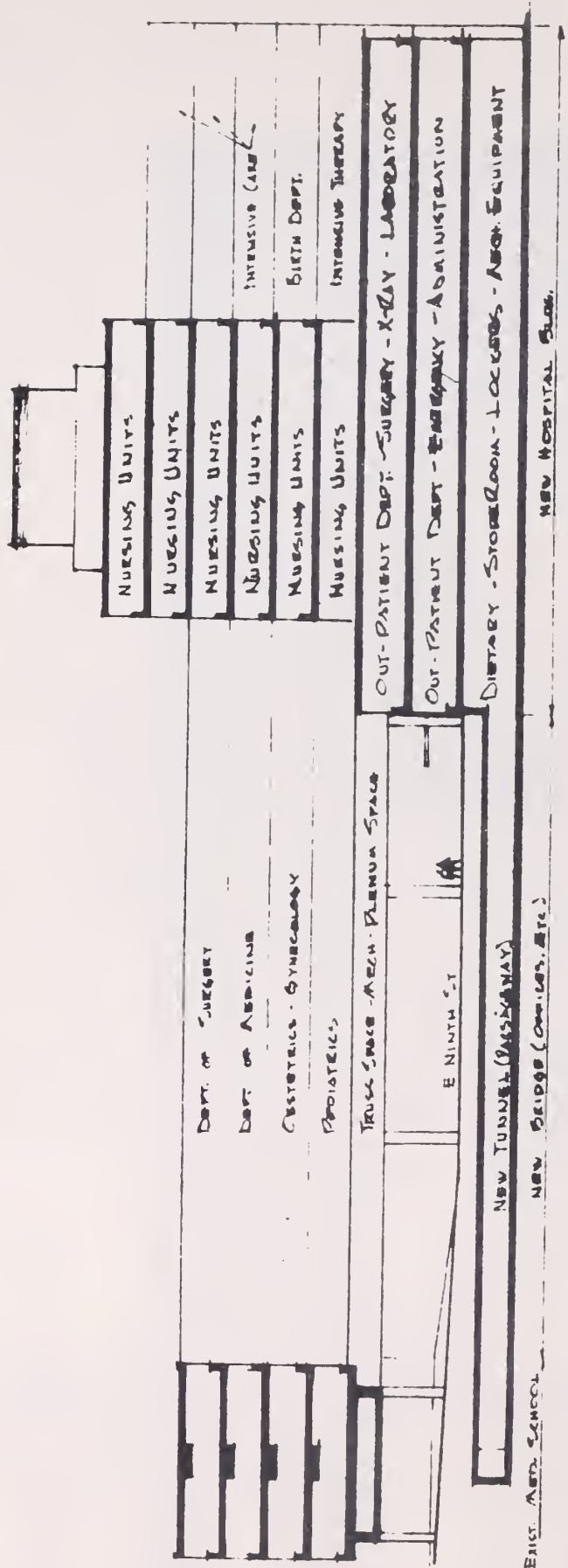
Schmidt, Garden & Erikson  
 Architects  
 Chicago, Ill.



PP-33-60  
 HOSPITAL & CLINICAL WING  
 C. H. MEDICAL CENTER, DENVER

Schmitt, Garden & Erikson  
 Architects  
 Chicago, Ill.



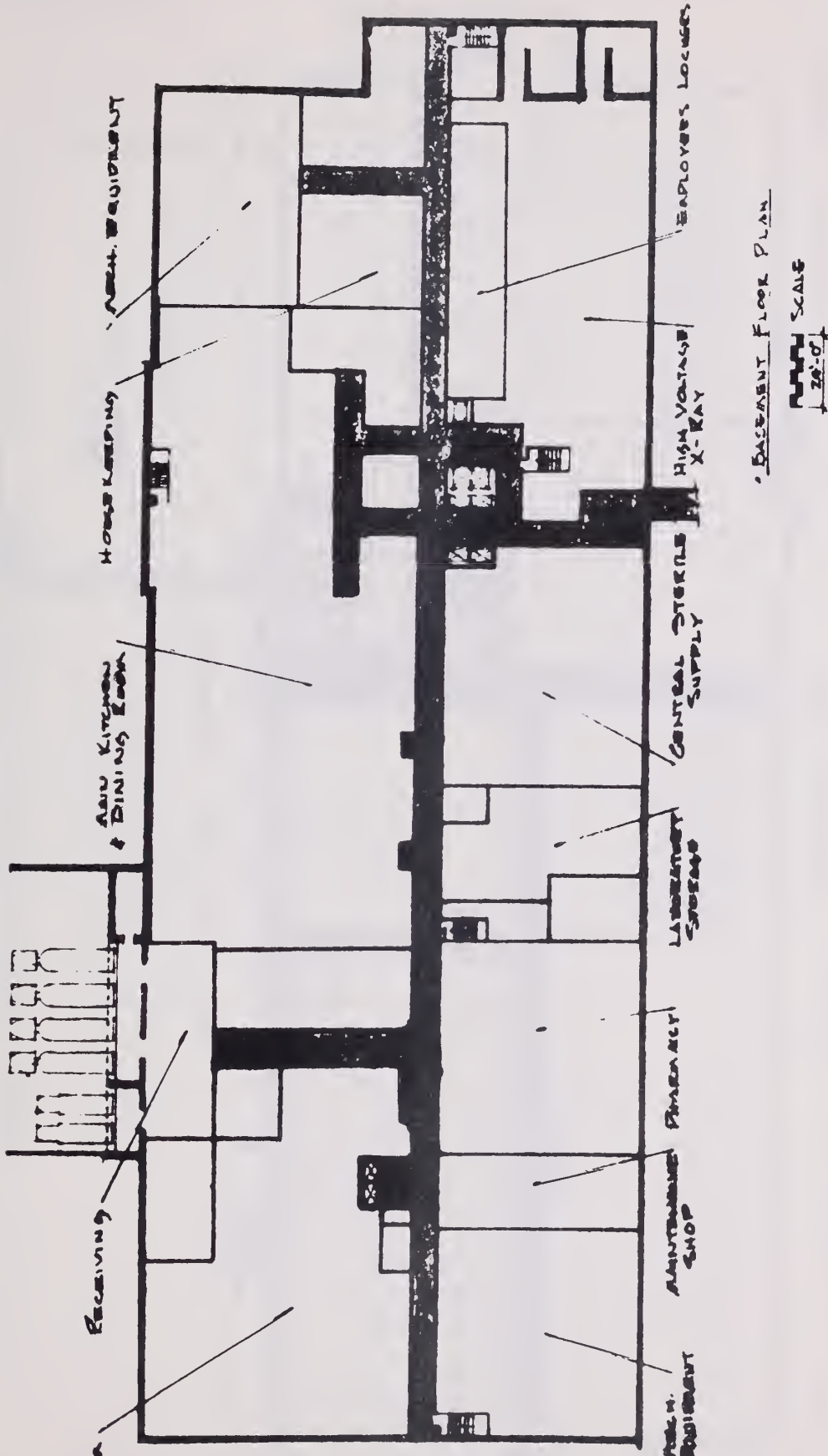


DIAGNOSTIC SECTION - LOOKING WEST

PP-33-60  
HOSPITAL & CLINICAL WING  
C. U. MEDICAL CENTER, DENVER

Schmidt, Garden & Erikson  
Architects  
Chicago, Ill.

Sheet 2

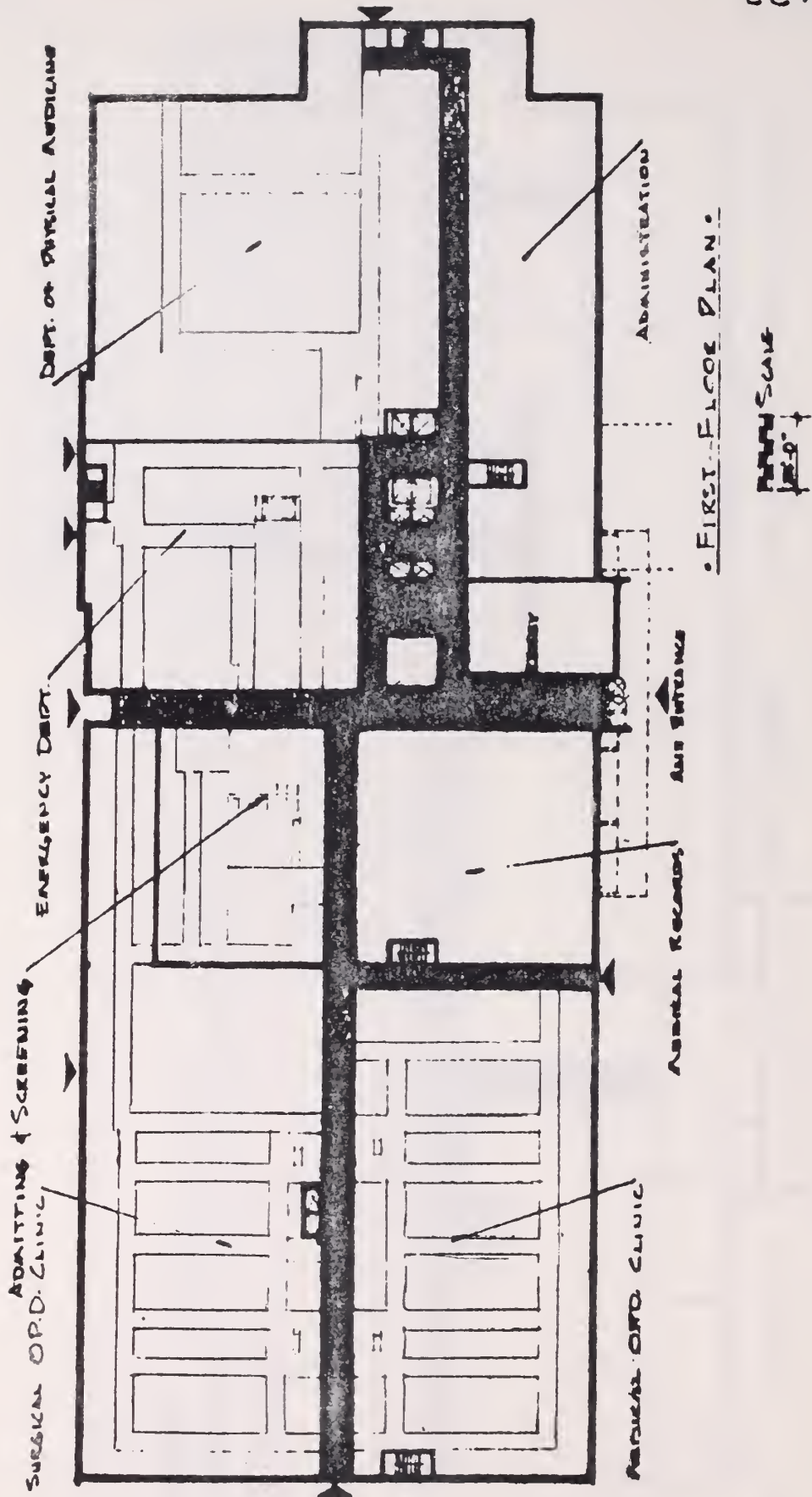


BASMENT FLOOR PLAN

SCALE 1/4\"/>

PP-33-60  
HOSPITAL & CLINICAL WING  
C.U. MEDICAL CENTER, DENVER

Schmidt, Garden & Erikson  
Architects  
Chicago, Ill.

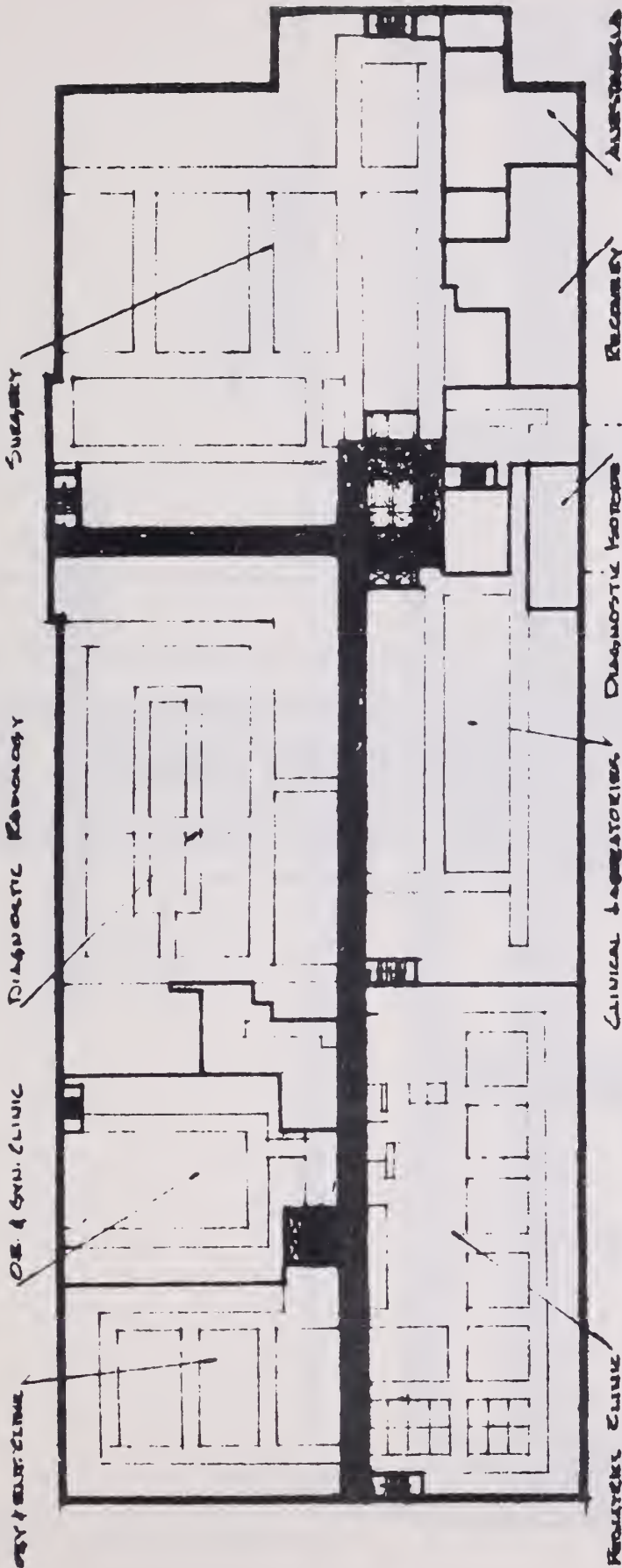


FIRST FLOOR PLAN

PP-33-60  
HOSPITAL & CLINICAL WING  
C.U. MEDICAL CENTER, DENVER

Schmidt, Garden & Erikson  
Architects  
Chicago, Ill.

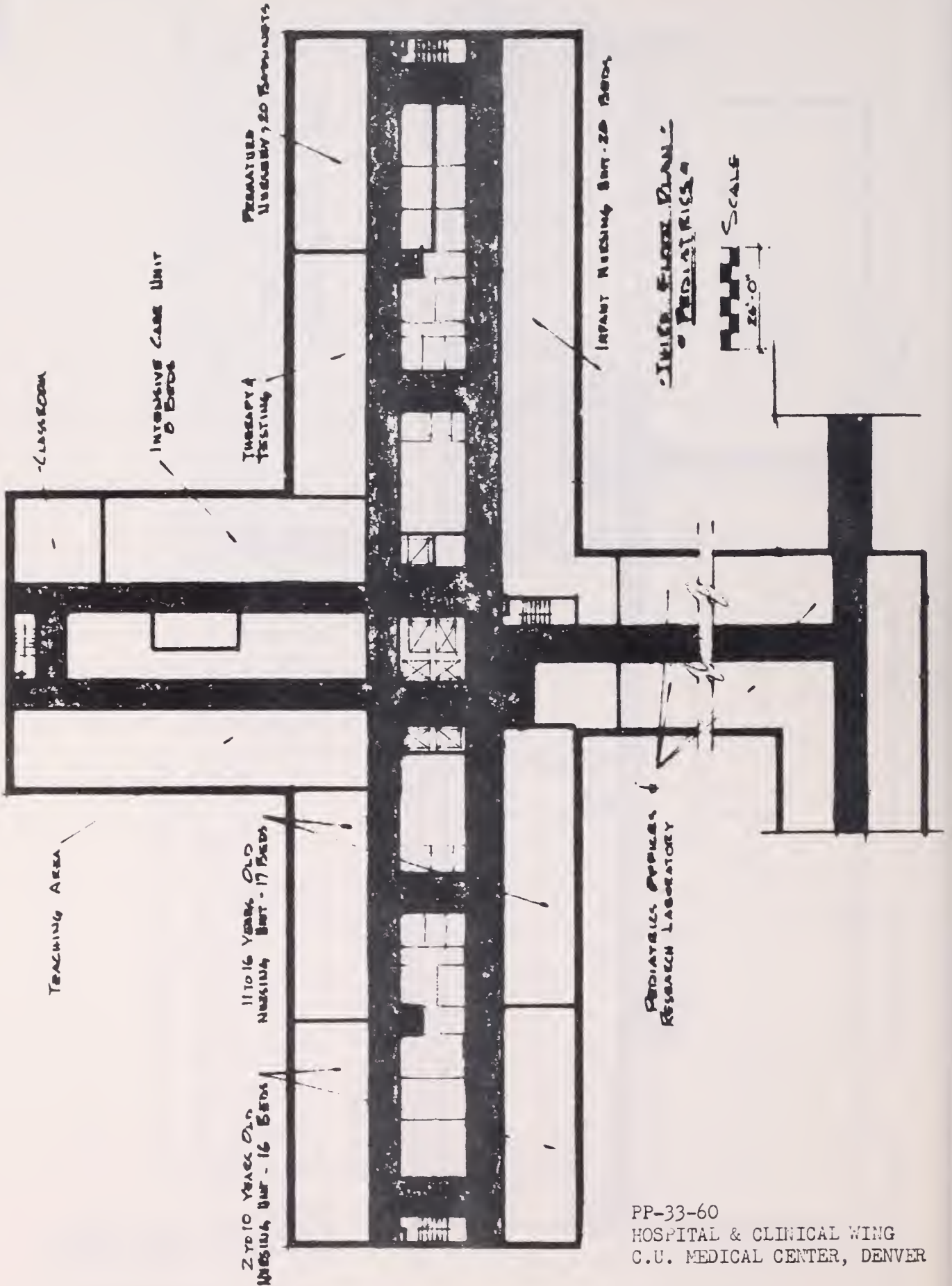




- SECOND FLOOR PLAN -  
 FINISH SCALE  
 1/8" = 1'-0"

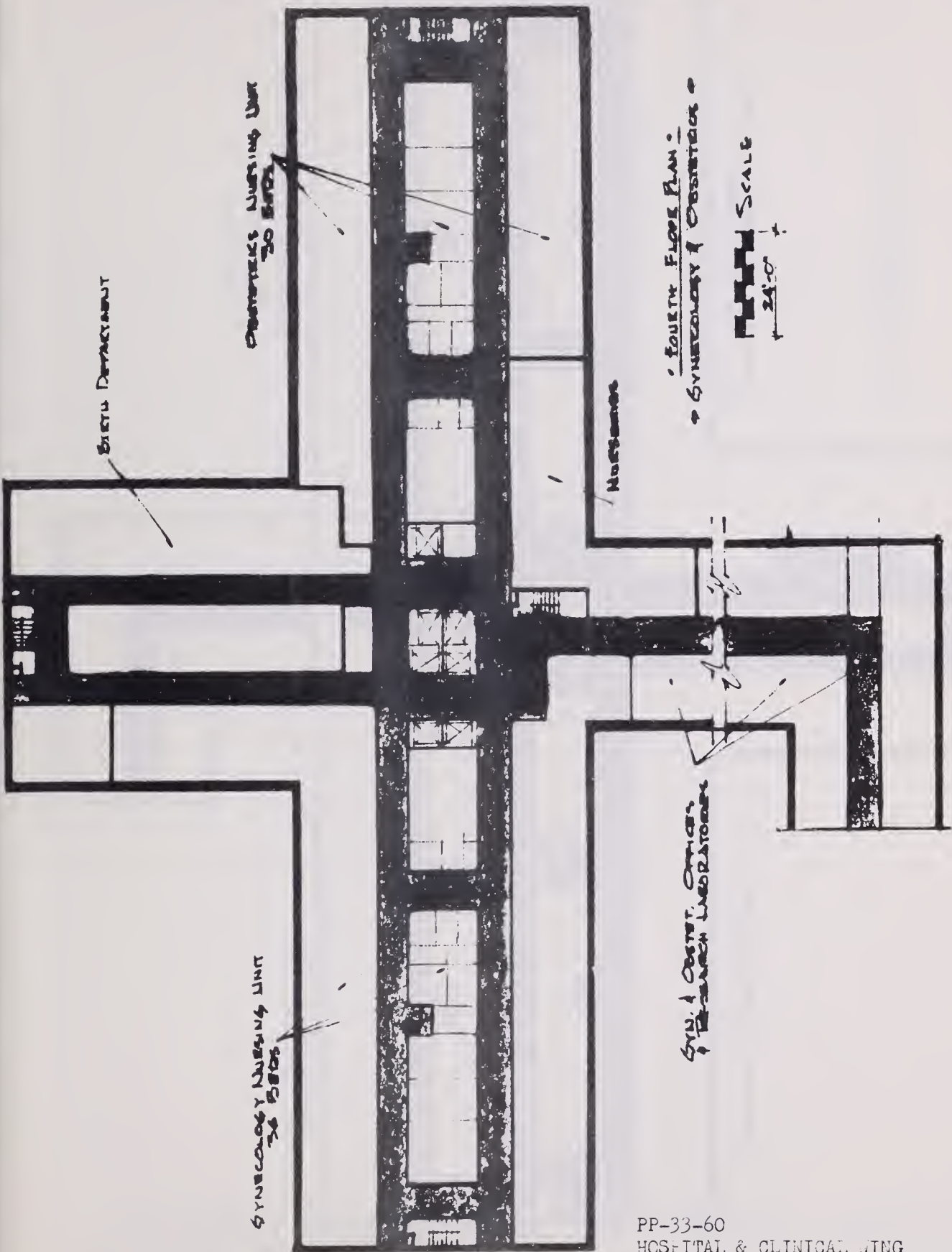
PP-33-60  
 HOSPITAL & CLINICAL WING  
 C.U. MEDICAL CENTER, DENVER

Schmidt, Garden & Erikson  
 Architects  
 Chicago, Ill.



PP-33-60  
 HOSPITAL & CLINICAL WING  
 C.U. MEDICAL CENTER, DENVER

Schmidt, Garden & Erikson  
 Architects  
 Chicago, Ill.



PP-33-60  
 HOSPITAL & CLINICAL WING  
 C.U. MEDICAL CENTER, DENVER

Schmidt, Garden & Erikson  
 Architects  
 Chicago, Ill.



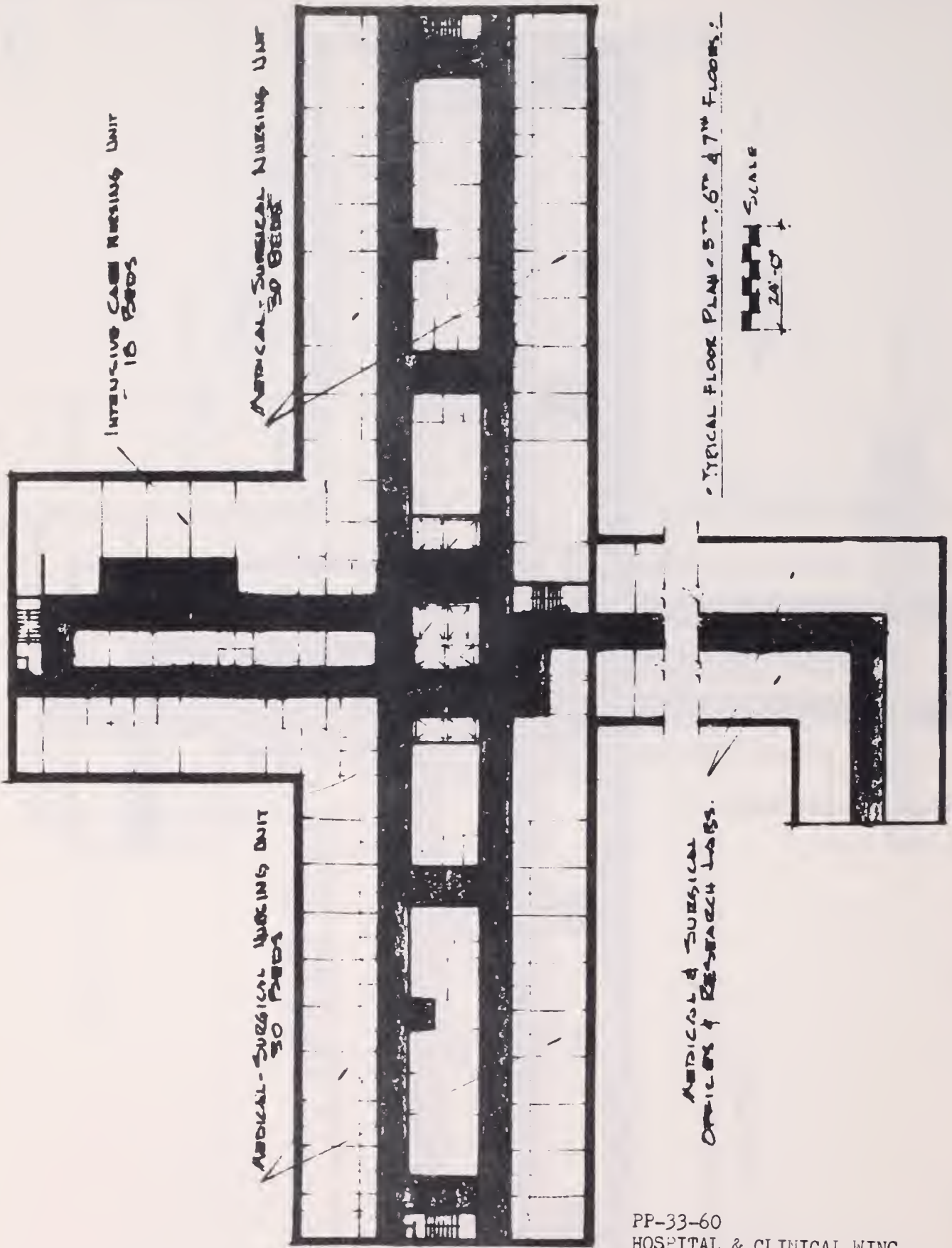
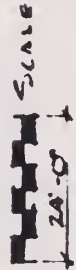
INTENSIVE CARE NURSING UNIT  
- 10 BEDS

MEDICAL-SURGICAL NURSING UNIT  
50 BEDS

MEDICAL-SURGICAL NURSING UNIT  
50 BEDS

MEDICAL & SURGICAL  
OFFICES & RESEARCH LABS.

TYPICAL FLOOR PLAN - 5<sup>TH</sup>, 6<sup>TH</sup> & 7<sup>TH</sup> FLOORS.



PP-33-60  
HOSPITAL & CLINICAL WING  
C.U. MEDICAL CENTER, DENVER

Schmidt, Garden & Erikson  
Architects  
Chicago, Ill.

PSYCHIATRIC HOLDING HALL  
2D 0204

METABOLIC RESPIRATORY UNIT  
1B 0207

Roof

• ELEVATION PLAN •

PLANNING SCALE

1/4" = 1'-0"

PP-33-60  
HOSPITAL & CLINICAL WING  
C.U. MEDICAL CENTER, DENVER

Schmidt, Garden & Erikson  
Architects  
Chicago, Ill.



INSTITUTION Western State College, Gunnison

- PROJECT
1. Taylor Hall renovation and deferred maintenance items
  2. Site Development

PROJECT DESCRIPTION

Taylor Hall (built in three stages: 1911, 1918, and 1929) houses all the administrative offices, auditorium, the School of Arts and Humanities, the Division of Business, Chemistry and Mathematics, and part of the Music Department.

This building has had little or no preventive maintenance or upkeep during the past twenty-five years. Except for a new roof on north hall, some electrical re-wiring of north hall and part of south hall, occasional painting of class rooms, offices, and installation of a small amount of floor covering, very little has been done in the maintenance area. Structurally, the building is sound, and with proper renovation could be used another twenty years.

The condition of the dimmer panel and lighting system wiring on the stage is such that it is dangerous to the personnel using the equipment and creates a fire hazard to the building.

Funds are also being requested at this time to complete site development adjacent to the recently completed additions to the Health and Physical Education Building. Construction funds were not available to install side walks, curb and gutter, and parking area black topping.

PROJECT COST

A. Taylor Hall renovation and deferred maintenance costs (a complete report on this building is on file with the College and the State Planning Division)	
1. General Construction & Decorating .....	\$189,000.00
2. Mechanical & Electrical .....	211,250.00
3. Engineering Services (6%) and Contingencies .....	23,870.00
	\$424,120.00
B. Stage and Auditorium deferred maintenance.....	\$ 25,000.00
Building gross area 93,609 sq. ft.	
Cost per sq. ft. \$4.79	
C. Side walks, curb & gutter at Health & Physical Ed Bldg. ....	11,000.00
D. Parking area black topping .....	10,000.00
	\$470,120.00
Total Estimated Cost .....	\$470,120.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended for approval at \$470,000.00.

NOTE: \$38,000 available from B.M.L. Fund of Western State College to supplement an appropriation from Capital Construction Fund of \$432,000.00.

PROJECTS REQUESTED BUT NOT  
RECOMMENDED AT THIS TIME



INSTITUTION Division of State Archives and Public Records - Denver, Colorado

PROJECT Hall of Public Records

PROJECT DESCRIPTION

Pre-Preliminary planning for building of special construction to house under one roof the Public Records of the State. Plans to contemplate completion of project within a 5 year period.

PROJECT JUSTIFICATION

Administration, storage, preservation, and related activities now scattered over a 3-block area. Vault space for permanent, vital records (archives) long since exhausted. When Supreme Court takes over Museum Building, will have to vacate present vault space. In order to accommodate archival intake for next 25 years, to insure proper preservation, to house vital records necessary to continuity of government for next 15-25 years, 25,000 - 30,000 sq. feet in centralized location adjacent to Capitol Building complex essential.

PROJECT COSTS

A. Construction . . . . .	\$460,000.00
B. Professional Services . . . . .	100,000.00
C. Equipment . . . . .	<u>50,000.00</u>

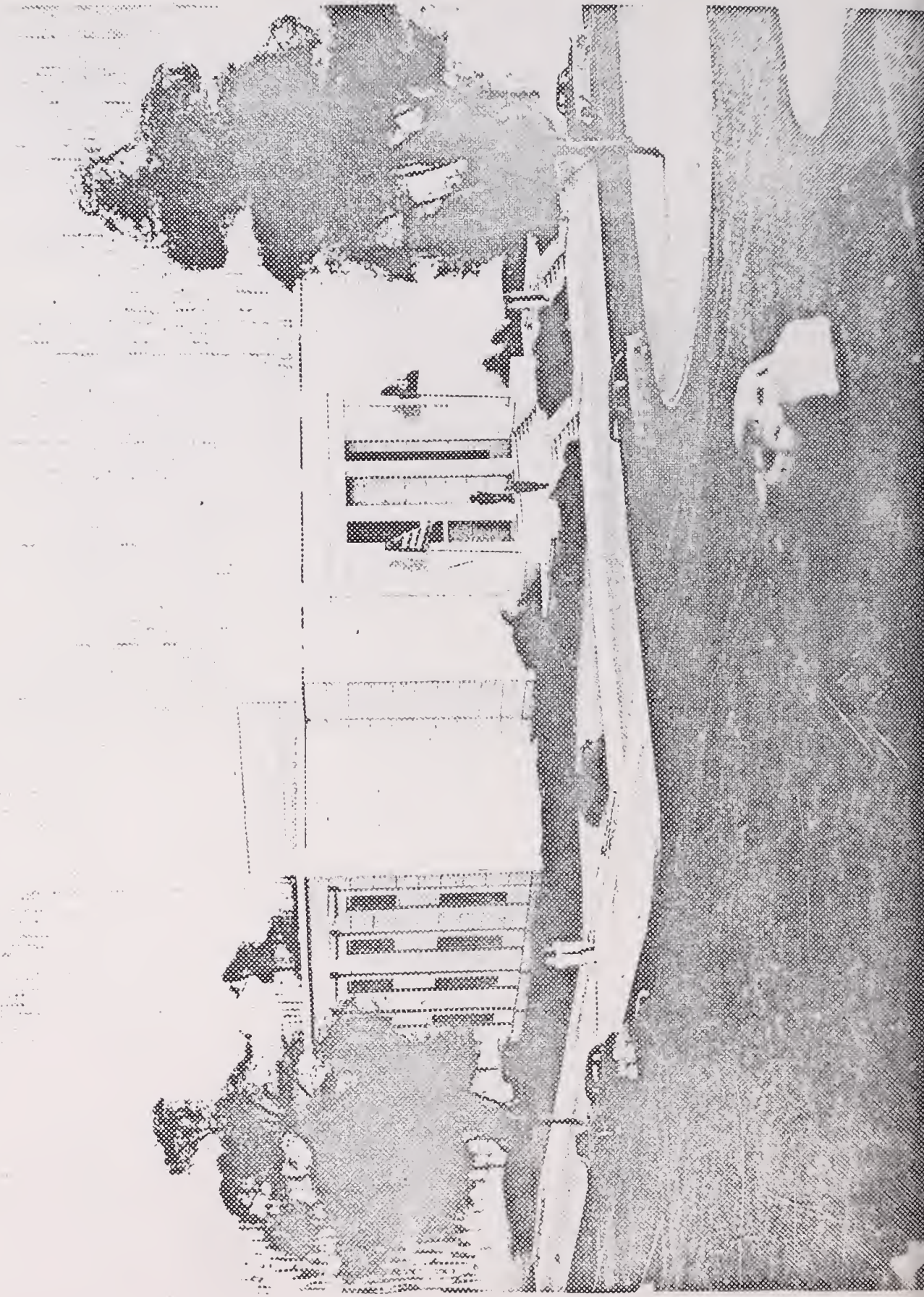
TOTAL PROJECT COSTS - Estimated - Based on similar needs and experiences of other State Archivists. . . . . \$610,000.00

MEANS OF FINANCING

Departmental Revenues



State Archives & Public Records  
Hall of Public Records





PP-113-60

AGENCY Capitol Buildings Section

PROJECT Exterior Lighting Improvements  
Capitol Buildings and Grounds

PROJECT DESCRIPTION

The existing lighting system, consisting of cast iron standards located on the grounds and at building entrances, and supplemented only by inadequate lighting at the ceiling of entrance portals on the north and west entrances only, produces illumination which is very low in intensity and spotty in distribution. The results of the inadequacy of the existing system are as follows:

- a. Night-time appearance of the Capitol grounds and entranceways is poor. The well-lighted upper dome stands out very well, as it should, but all of the lower ground areas are dingy and dull in appearance. It is not the intent of this report that the entire building should be floodlighted, but, nevertheless, the immediate environs of the building should be lighted to the degree necessary to minimize appearance of drabness.
- b. Existing inadequacy of lighting and of light distribution has made the areas around the Capitol an inviting target for vandalism and other forms of delinquency, juvenile or otherwise, to the extent that it is not a safe parking area for State vehicles or vehicles owned by legislators. There should be no disagreement with the principle that the State Capitol Building should conform to, at least, minimum standards for lighting as necessary to discourage misdemeanors, and, possibly, criminal activities.

In arriving at a recommended program for improvement of lighting, and at the preliminary estimate of the cost thereof, the following assumptions have been made:

- a. Any modification proposed for the existing lighting equipment must be of a type which will harmonize with the esthetic effect created by the Capitol Building and the grounds, to the extent that a condition will not be produced under which the atmosphere of dignity, associated with the Capitol, will be impaired.
- b. The immediate need is correction of lighting conditions so as to produce adequate lighting at all locations immediately around the building, including the perimeter driveway and parking spaces. However, any recommendations made must include provision for future improvement of grounds lighting equipment in the entire area, bounded by Broadway, Grant Street, 14th Avenue, and East Colfax.
- c. In addition to providing adequate grounds lighting, as discussed above, it is necessary that entrance portals be adequately lighted for conformance to minimum standards of safety and to provide attractive appearance for the Building.

PROJECT CONSTRUCTION

1. New luminaires -- 4 portal Entrances
2. New luminaires -- all lamp poles in immediate vicinity of building
3. 2 new poles (to match existing) on drive east side of Capitol
4. Directional luminaires on existing poles to illuminate recessed corners of building
5. Re-wiring and control equipment.

PROJECT COST

Estimated Cost, Items 1 through 5 .....	\$17,250.00
Contingencies 10%.....	<u>1,725.00</u>
	\$18,975.00
Estimated Cost, Items 1 through 5, plus converting all remaining lighting units on grounds .....	\$25,500.00
Contingencies 10% .....	<u>2,550.00</u>
	\$28,050.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION Game and Fish Department

PROJECT DESCRIPTION

Purchase several acres of land suitable for Northwest Regional Office site.

PROJECT JUSTIFICATION

Due to the high cost of rent for suitable office space in the Northwest Region, it is planned to purchase land for construction of a department owned office.

PROJECT COST

\$5,000.00

INSTITUTION Game and Fish Department - Denver, Colorado

PROJECT DESCRIPTION

Land for New Southwest Regional Office.

PROJECT JUSTIFICATION

Due to the high cost of rent for suitable office space in the Southwest region, it is planned to purchase land for construction of a department owned office.

PROJECT COST \$5,000.00

INSTITUTION Game and Fish Department - Denver, Colorado

PROJECT DESCRIPTION

New Southwest Regional Headquarters building.

PROJECT JUSTIFICATION

Due to the high cost of rent to secure suitable office space, it is planned to construct a new Regional Headquarters building.

PROJECT COST

\$30,000.00



INSTITUTION Game and Fish Department - Denver, Colorado

PROJECT DESCRIPTION

New building to replace present structure at 1530 Sherman, Denver, Colorado.

PROJECT JUSTIFICATION

The dilapidated status and shortage of space in the present office building makes it necessary to construct new quarters.

PROJECT COST

\$585,000.00

INSTITUTION Colorado State Fair, Pueblo

PROJECT Construction of New Cattle Barn  
Remodel Old Cattle Barn  
Develop South Parking Lot  
Remodel FFA Stock Barn into Dining Hall and Assembly

PROJECT DESCRIPTION

Present cattle show facilities are outdated and inadequate. Exhibitors have advised they do not come to Colorado because of heat in the closed barn and exhibit in New Mexico because of their facilities. Future Farmers of America request steps be taken to provide adequate dining hall, kitchen, and assembly area. Dormitory facilities are being considered for the remodeled cattle barn to accommodate the police patrols now required at the Fairgrounds.

The new cattle barn is to include two judging arenas, wash racks for animals, showers for exhibitors and offices. Capacity will accommodate up to 1000 head with adequate ventilation.

Old cattle barn is to house cafeteria for 350 persons. Cafeteria to be used for groups and dinner meetings throughout the year. Additional revenue producing exhibits could be handled in this building.

The south parking lot will have to accommodate cars from the area proposed for the new cattle barn plus a growing number in attendance each year.

PROJECT CONSTRUCTION

Structure .....	Steel
Exterior Walls .....	Cement Block
Roofing .....	Galvanized Metal
Windows .....	Steel Projected
Flooring .....	Concrete
Interior Walls .....	Cement Block
Racks and Stalls .....	Pipe and Chain Link Fence
Ceilings .....	Open
Plumbing .....	Commercial Fixtures
Heating .....	Coal Stoker or Bottled Gas
Ventilation .....	Gravity Actuated Monitors
Electrical .....	Fluorescent and Incandescent

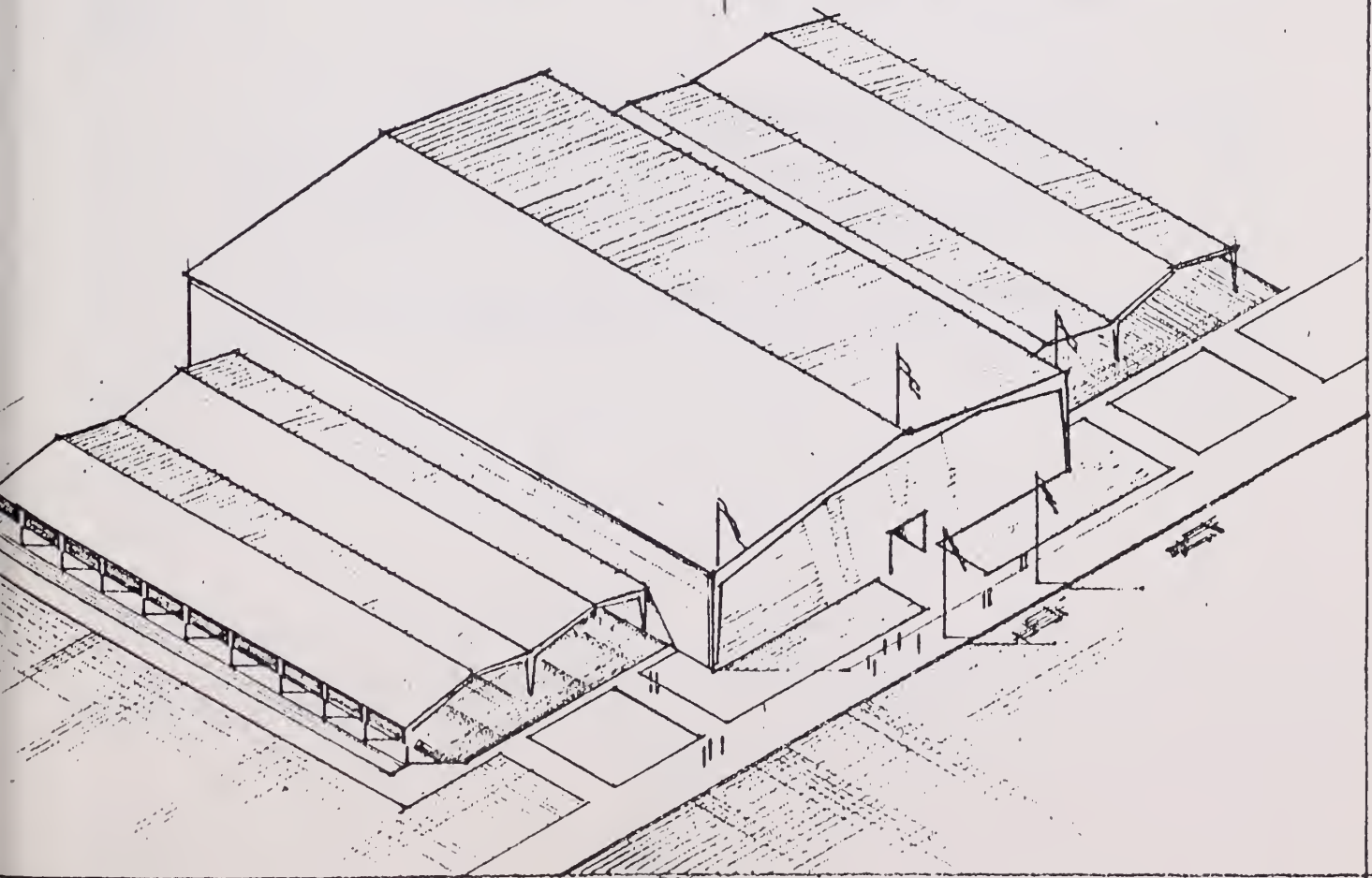
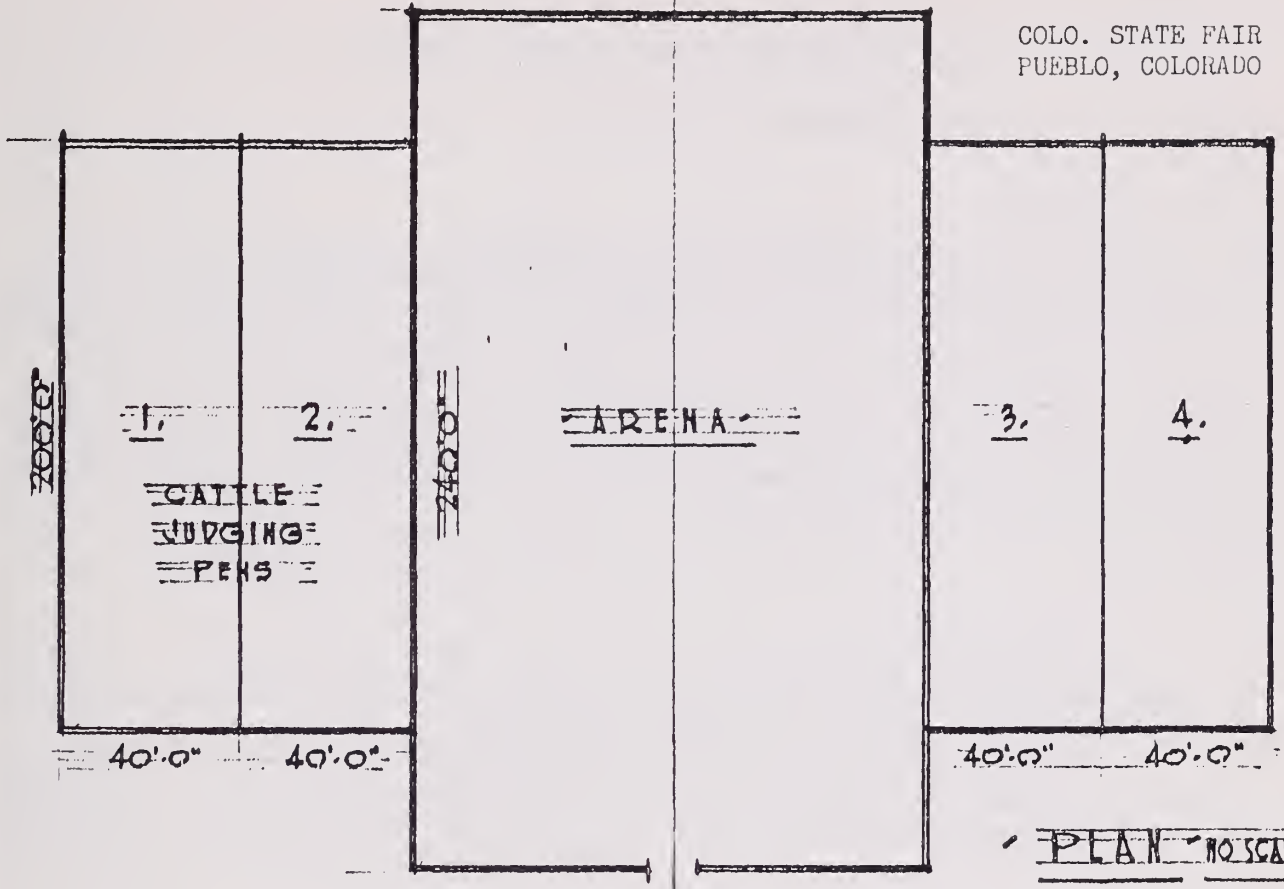
PROJECT COST

A. New Cattle Barn	
1. Structure (Gen., Elec., Mech., Fixed Equipment) .....	\$400,000.00
2. Utilities (Water and Sewer Extensions) .....	2,000.00
B. Remodel Old Cattle Barn	
1. Structure .....	100,000.00
2. Furnishings and Equipment .....	20,000.00
C. Remodel FFA Stock Barn.....	17,342.00
D. Parking Lot	
1. 38,700 sq. yds. paving .....	24,840.00
E. Professional Services	
1. Architectural or Engineering .....	<u>25,000.00</u>
F. Total estimated cost of project .....	\$589,182.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred for lack of funds.

COLO. STATE FAIR  
PUEBLO, COLORADO



INSTITUTION Colorado State Department of Public Health

PROJECT Streptococcal Research Laboratory

PROJECT DESCRIPTION

Due to the prevalence of Streptococcic infections in this area and to the availability of a Federal grant to assist defraying the cost of the project, a research laboratory is to be constructed for research into infections of this type as an essential part of the Public Health program of the State. The facility is to be built as a part of the new State Department of Public Health Building. This laboratory can be constructed as an additional floor on the laboratory wing of this building. This structure, now nearing completion, was originally designed with adequate foundations and structure to accomodate an additional floor for laboratory use.

PROJECT COST

A. Professional Services		
1. Architectural and Engineering .....	\$	9,700.00
B. Construction		
1. Building (General, mechanical, electrical, and built-in laboratory equipment) .....		225,000.00
2. Contingencies .....		4,350.00
C. Furnishings (not in Item B.) .....		15,000.00
		<hr/>
Total Estimated Cost .....	\$	254,050.00
Cost per square foot .....	\$	39.64

STATE PLANNING DIVISION RECOMMENDATION

NOTE: State Funds to be supplemented by \$127,025.00 of Federal Funds.

Estimated cost has increased 17% since first submitted in 1959.

Recommended by the Advisory Board of the State Planning Division that the project be deferred due to lack of adequate funds.



INSTITUTION State Industrial School for Boys, Golden

PROJECT Warehouse Building (Remodeling)

PROJECT DESCRIPTION

The Warehouse Building was constructed in 1937. The structure is of masonry walls, concrete floor construction and flat wooden roof construction. Because of a sloping site location, the ground floor is entered from the north at approximately grade level and the main floor is entered from south at loading dock level.

The main floor is used to warehouse active supplies such as food and clothing, bedding, drug and cleaning supplies. The space is quite ample. The proposed remodeling of this floor would provide three offices with toilet facilities for Purchasing, Accounting and Storekeeping personnel. Also proposed is the installation of modern shelving units in certain areas which will double storage capacity in these areas without increasing the size of the building.

The ground floor is used for more inactive supplies such as maintenance, plumbing, heating and carpentry supplies. This floor is very ample for these functions. At the present time the various maintenance shops are located at various places in the Institution, in basements or old inadequate buildings. The remodeling of this floor would provide facilities for all of the Institution's maintenance shops and personnel, as well as providing storage of all maintenance supplies. A loading dock type concrete platform would be provided on the north to facilitate operations. The gross area of the building is 11,700 sq. ft.

PROJECT COST

A. Professional Services	
1. Architectural and Engineering .....	\$ 4,700.00
2. Surveys and site investigation (included in A-1) .....	
B. Construction	
1. Structure (general, mechanical and electrical work) .....	44,000.00
2. Utility Services (sewers, water, steam, electrical feeds)....	1,500.00
3. Site Work	
(a) Utility tunnel, grading, roads, curbs and walks .....	1,500.00
(b) Landscaping site	
C. Construction Supervision (field superintendent) .....	2,000.00
D. Contingencies .....	2,800.00
E. Equipment .....	3,500.00
	\$60,000.00
F. Construction cost per sq. ft. - 47,000 ÷ 11,700 ....	\$4.02

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION State Industrial School for Boys, Golden

PROJECT Medical and Social Service Clinic

GENERAL STATEMENT

In view of the increased importance of psychiatric treatment and social services, and in the absence of suitable facilities in existing buildings, we believe it would add to the rehabilitation program to provide a one-story Medical-Social Service Clinic designed especially for this purpose. In this building would also be included a medical and dental clinic and overnight patients' rooms.

The proposed building would bring together and centralize all medical, dental and social services now being inadequately housed in three separate buildings. The medical clinic is now housed in the Admission and Guidance Building using quarters which were not designed or intended for this purpose; furthermore, the use of overnight rooms in the Admission and Guidance building for medical purposes limits the capacity of the admission wing of the building.

The social services department is now housed in the existing library as a temporary expedient until suitable quarters are provided. Six persons are now employed in this service and suitable facilities for this important work are urgently needed.

The erection of the new building would relieve congestion in the Admission and Guidance building and the vacated library would be returned to its normal function as a library.

PROJECT DESCRIPTION

To insure proper functioning of the proposed building, two reception rooms are provided. One reception room would be for boys, parents and officials waiting to see the various Social Service personnel, which include the Psychiatrist, the Clinical Psychologist, the two rehabilitation counsellors, the Psychometrist, the Psychiatric Social Workers and the Case Worker. This reception room is controlled by the Secretary to the various Social Service workers mentioned above. The other reception room would serve the Medical, Dental and sick bay portion of the building. This second reception room would be under the control of the nurse.

The location of this building should be as central as possible to the center of activity of the Campus. This center is the School and Auditorium. The location of this building should also be close enough to the Administration (Admission and Guidance) building for close administration and counseling of the boys and also the boy-parent counseling. Functional requirements then dictate that this building be located just east of the School and Auditorium building and yet close to the Administration building and the main entrance to the Campus. See Plot Plan of Future Development for the suggested location.

The requirements of the program for this Medical-Social Service Clinic seems to indicate a building of approximately 6,300 sq. ft. of floor area, or approximately 113,400 cubic feet, which would include suitable area in a basement for a mechanical equipment room.

PROJECT CONSTRUCTION

Footing and Foundations .....	Reinforced concrete construction
Exterior Walls .....	Face brick
Internal Walls (except offices).....	Glazed brick
Internal Walls of offices .....	Common brick plastered
Roof .....	Insulated metal--fire-resistive constr.
Windows .....	Steel-detention type & standard metal windows
Floors .....	Concrete with asphalt tile and terrazzo
Ceilings .....	Plaster and/or acoustic tile
Plumbing .....	Institutional and standard fixtures
Heating and ventilating .....	Direct radiation with automatic temperature control, steam from central heating system. Ventilating system as required
Electrical .....	Rigid conduit, fluorescent and incandescent fixtures. Special wiring
Special equipment .....	Medical and dental, etc.

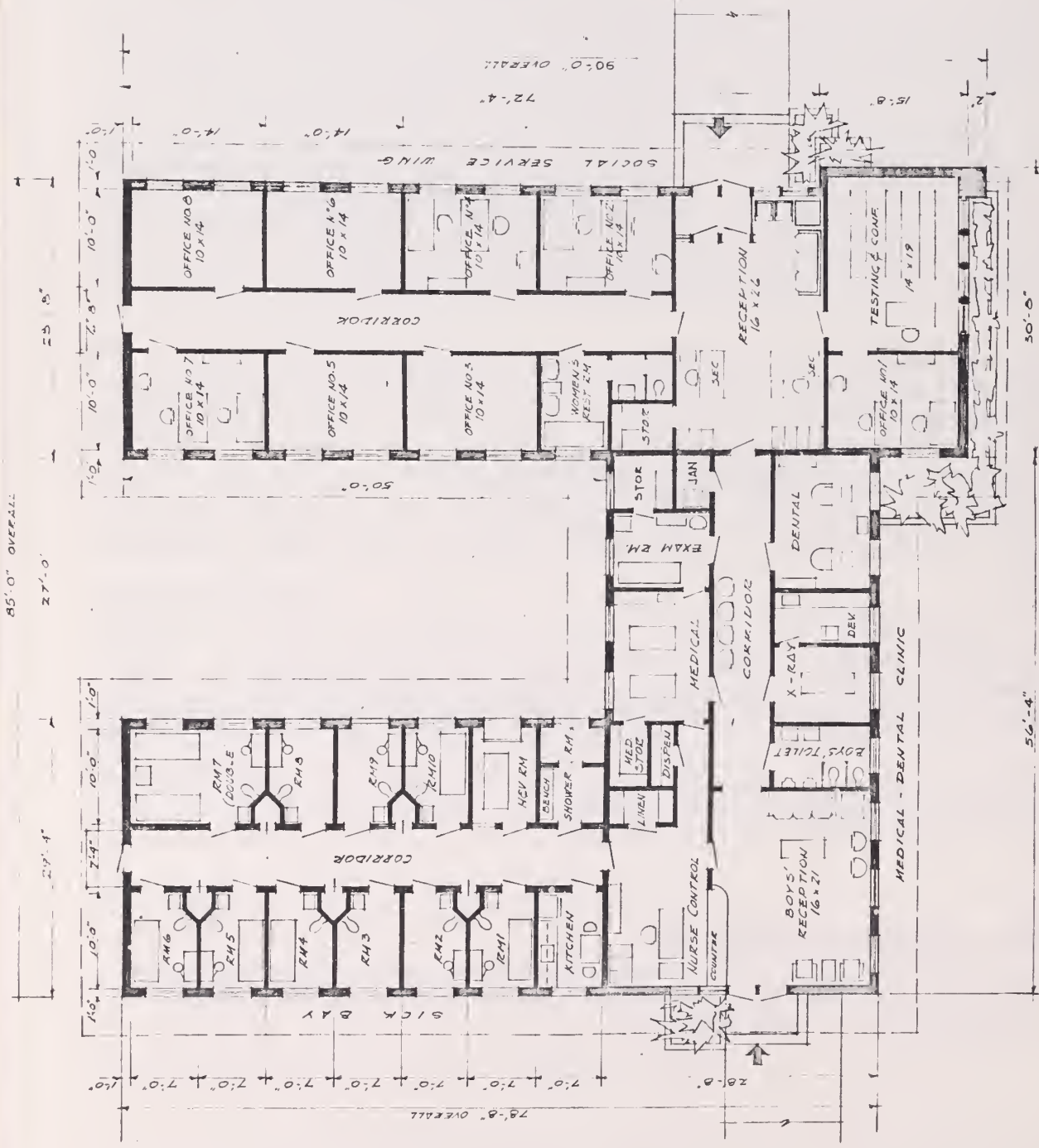
PROJECT COST - Estimated

A. Professional Services	
1. Architectural and Engineering .....	\$ 9,720.00
2. Surveys and site investigation (included in A-1)	
B. Construction	
1. Structural (general, mechanical, electrical) .....	155,000.00
2. Utility Services (sewers, water supply, steam & elect'l fds)	2,500.00
3. Site Work	
(a) Utility tunnels, grading, roads, curbs & walks .....	4,500.00
(b) Landscaping site .....	1,280.00
C. Construction Supervisor (field superintendent) .....	5,000.00
D. Contingencies .....	3,000.00
E. Equipment--furniture & special equipment (not included in B-1)...	19,000.00
TOTAL .....	\$200,000.00
F. Construction cost per cubic foot	\$1.43
G. Construction cost per square foot	\$25.71

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred due to lack of funds.





MAIN FLOOR PLAN

SCALE 1" = 3' FEET

PROPOSED MEDICAL & SOCIAL SERVICES CLINIC

85'-0" OVERALL  
27'-0"

78'-8" OVERALL

50'-0"

56'-4"

90'-0" OVERALL

SOCIAL SERVICE WING

CORRIDOR

CORRIDOR

SICK DAY

MEDICAL CORRIDOR

MEDICAL - DENTAL CLINIC

OFFICE NO. 1  
10 x 14

OFFICE NO. 2  
10 x 14

OFFICE NO. 3  
10 x 14

OFFICE NO. 4  
10 x 14

OFFICE NO. 5  
10 x 14

OFFICE NO. 6  
10 x 14

OFFICE NO. 7  
10 x 14

RECEPTION  
16 x 26

TESTING & CONF.  
14 x 19

EXAM RM.

DENTAL

X-RAY

BOYS' TOILET

RECEPTION  
16 x 27

RM6

RM5

RM4

RM3

RM2

RM1

KITCHEN

DISPEN.

HEV. EM.

SHOWER

BENCH

WOMEN'S REST RM.

STOR.

JAN.

SEC.

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PP-24-60

INSTITUTION State Industrial School for Boys, Golden

PROJECT Physical Education Building

ARCHITECTS' REPORT ON CONDITION OF EXISTING GYMNASIUM BUILDING

This building was erected in 1900. It is of brick and frame construction of a type that today would be considered as temporary construction. The building shows the deterioration that has taken place during the past 60 years due to the intense usage of the building.

The building when planned in 1900 was probably intended to accommodate about 50 boys, consequently the space allotments for various uses are considered very much undersized in comparison with today's minimum standards for a gymnasium building. Furthermore, the building is poorly planned, is lacking in exit facilities, and may not be considered as a fire-resistive building.

The building is not well adapted to remodeling and since the existing construction is substandard, it is the opinion of the Architects for the School that the expense of remodeling the old structure is not justified.

The filtration system now in use for the swimming pool, which is located beneath the floor of the gymnasium, is totally inadequate in capacity considering the daily load on the system and does not meet the requirements of the State Board of Health.

It is our (the architects') recommendation that the problem may best be solved by the erection of a new physical education building as soon as funds can be made available for the purpose during the period 1960-1965.

In the meantime expenditures on the old building should be limited to maintenance requirements.

PROPOSED PHYSICAL EDUCATION BUILDING

GENERAL STATEMENT

Due to the increasing enrollment at the School and since there is urgent need for supervised group instruction in various physical activities, it is evident that a new physical education building should be erected to meet these needs.

The proposed building is designed to accommodate all of the planned indoor activities and should amply serve the institution in future years.

PROJECT DESCRIPTION

The building is designed to meet all building code requirements for this type of occupancy and is provided with ample exit facilities. The gymnasium is planned to accommodate a standard size high school basketball court including bleacher seats for 300 boys. The swimming pool of reinforced concrete construction is sized to accommodate groups of 24 boys.



PROJECT DESCRIPTION (cont'd)

Other facilities provided include entrance lobby, instructor's office, locker and shower rooms, mechanical equipment rooms, storage, etc., all as indicated on the preliminary drawings.

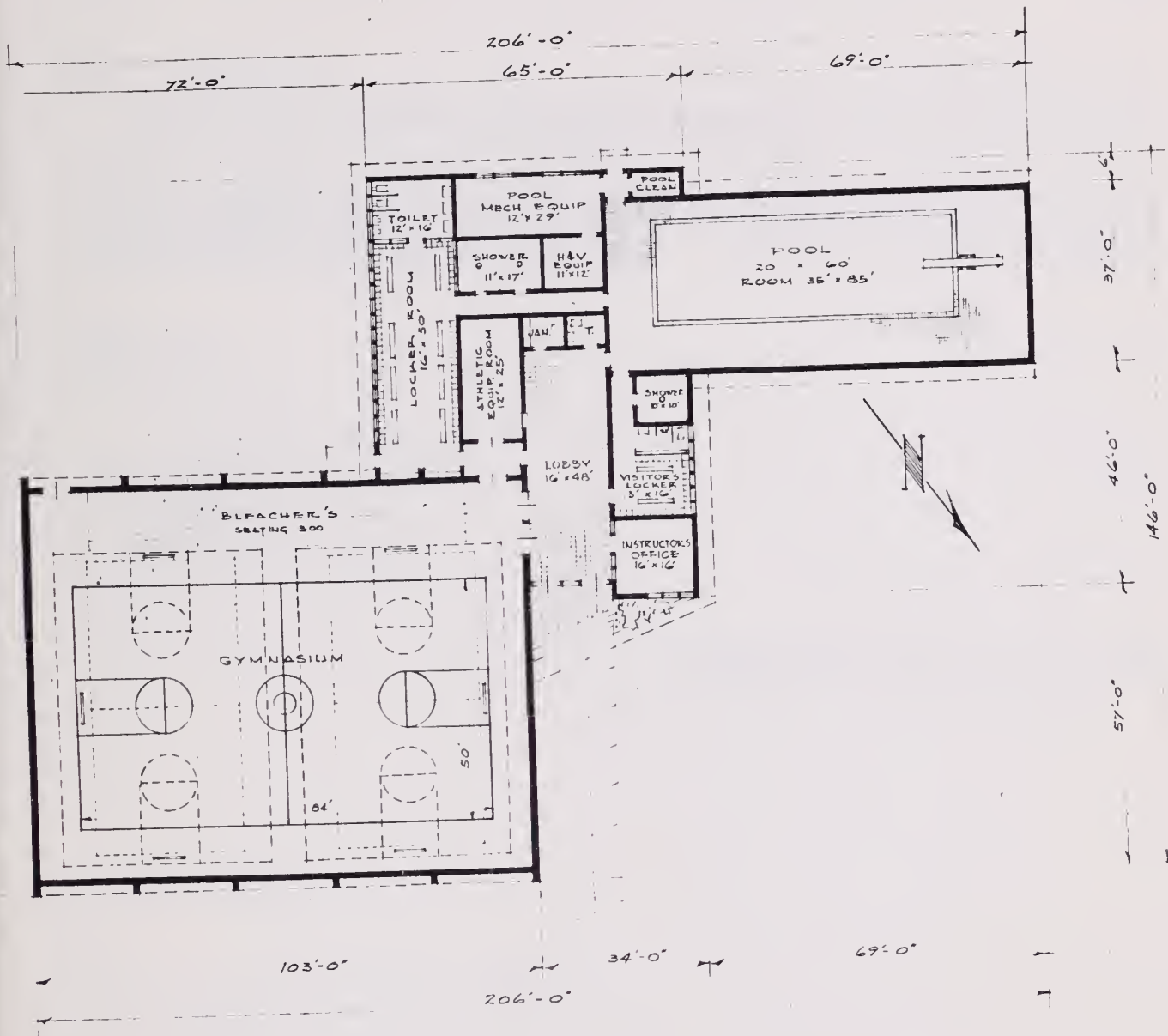
The building is to be constructed with utmost simplicity in design, the intention being to employ economical building methods consistent with long life and ease of maintenance. The gross area of building is 16,000 sq. ft.

PROJECT COST

A. Professional Services	
1. Architectural and Engineering .....	\$ 17,400.00
2. Surveys and site investigation (Included in A-1)	
B. Construction	
1. Structural (general, mechanical, electrical).....	283,000.00
2. Utility Services (sewer, water supply, steam & elec.feeds)	2,500.00
3. Site Work	
(a) Utility tunnels, grading, roads, curbs and walks .....	4,500.00
(b) Landscaping site .....	2,500.00
C. Construction Supervisor (field superintendent) .....	6,000.00
D. Contingencies .....	6,100.00
E. Equipment - furniture & gymnasium equipment, gym stands, etc., (not included in B-1) .....	8,000.00
	<hr/>
	\$330,000.00
F. Construction cost per cubic foot .....	\$.80
G. Construction cost per square foot .....	\$18.12

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred due to lack of funds.



• FLOOR PLAN •

PROPOSED PHYSICAL EDUCATIONAL BUILDING

SCALE 0 10 FEET

PROPOSED FUTURE DEVELOPMENT  
 COLORADO STATE INDUSTRIAL  
 SCHOOL FOR BOYS • GOLDEN  
 • PHYSICAL EDUCATIONAL BUILDING •  
 PRE-PRELIMINARY SERVICES

FULLER, FULLER & FULLER  
 ARCHITECTS ENGINEERS  
 DENVER COLORADO



NOV 18, 1959

PP-24-60

INSTITUTION State Industrial School for Boys, Golden

PROJECT Artesian Well

PROJECT DESCRIPTION

The project consists of a feasibility study, actual digging of the artesian well and renovation of the present water system.

Water is presently secured from the City of Golden at a cost of \$600.00 per month. By providing an artesian well, the cost of the project could be liquidated in three or four years. After that time, the cost of water would be negligible.

PROJECT COST ..... \$ 20,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that the project be deferred.

INSTITUTION Colorado State Children's Home, Denver

PROJECT Remodeling of Nursery Building into Administration Building

PROJECT DESCRIPTION

A change in program at the State Children's Home has resulted in the exclusion of care for infants and nursery age children. The brick building known as "Babyland" was built in 1949 and is in excellent condition. In order to retain full long range use of this structure, the Administrative services could well be moved from the forty year old premises they now occupy to this building. It is readily adaptable to such alteration.

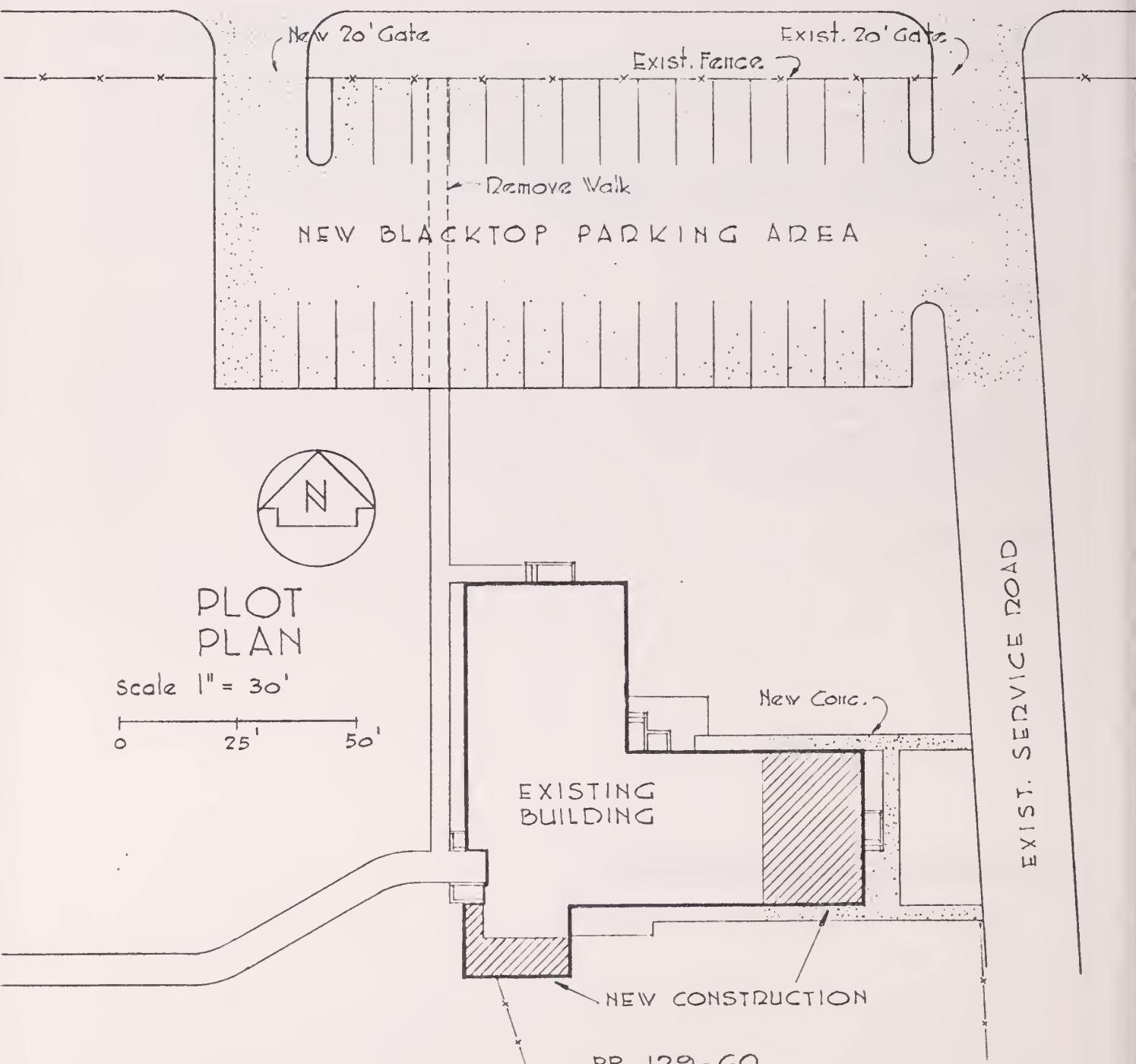
PROJECT COST

A.	Construction	
	1. Additions and internal alterations .....	\$41,215.00
	2. Mechanical Work .....	14,700.00
	3. Electrical Work .....	7,500.00
B.	Contingencies .....	1,000.00
C.	Professional Services	
	1. Architect @ 6% .....	6,500.00
		<hr/>
	TOTAL Estimated Cost .....	\$71,715.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that project be deferred.

E. I L I F F A V E .



PLOT PLAN

Scale 1" = 30'

0 25' 50'

PP-129-60

DEMODELING OF NURSERY BLDG.  
FOR ADMINISTRATION SERVICES  
COLO. STATE CHILDREN'S HOME

LANGHART & MCGUIDE - ARCHITECTS  
DENVER, COLO.



INSTITUTION State Home & Training School, Wheat Ridge

PROJECT Two Educable Buildings

PROJECT DESCRIPTION

The Educable Building is a 48 Bed Unit comprised of six 8 Bed Ward Units with toilet and bathing facilities by ward, Serving Kitchen, Storage Facilities for clothing, Clean and Dirty Laundry, a 2-Bed Isolation Unit, Dining Rooms, Day Rooms, and small Office Unit.

PROJECT CONSTRUCTION: Area 10,359 sq. ft.

Structure .....	Steel Columns, beams & bar joists, poured lightweight concrete roof
Exterior Walls .....	Face brick, masonry block back-up
Roofing .....	Built-up gravel surface
Windows .....	Aluminum projected
Flooring .....	Vinyl asbestos tile or linoleum and ceramic tile or quarry tile
Interior Walls .....	Structural glazed tile and painted and plastered masonry block
Ceilings.....	Plaster, smooth and acoustic
Plumbing .....	Standard institutional fixtures
Heating .....	Steam from existing boiler plant, Baseboard radiation and convectors
Electrical .....	Incandescent fixtures
Special Equipment ....	Stainless steel kitchen counters

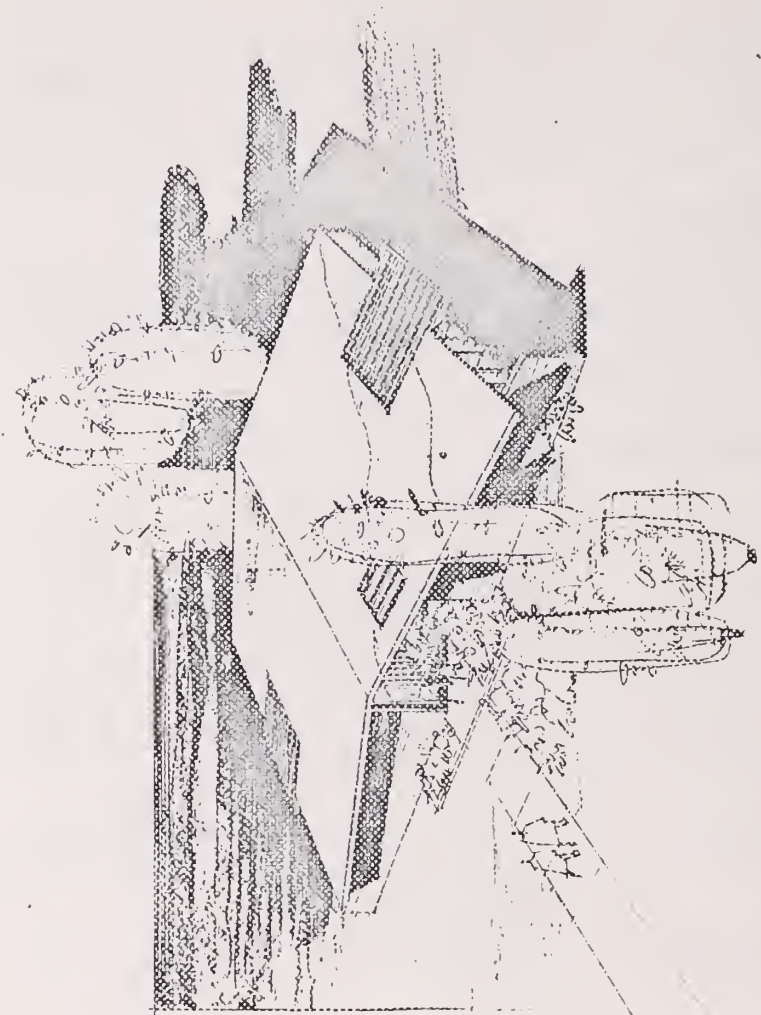
PROJECT COST

A.	Professional Services	
1.	Architectural or engineering, 3% plus changes 3% .....	\$ 14,718.00
	changes .....	3,000.00
2.	Surveys and other site investigations .....	1,500.00
B.	Construction	
1.	Structure (general, mechanical, electrical, fixed equipt).	245,300.00
2.	Services (sewers, water supply, etc. not within project area).....	
3.	Site (roads, walks, grading, etc. within project area)....	
C.	Supervision (detailed supervision not in A-1).....	4,900.00
D.	Furnishings (furniture, equipment, etc., not in B-1).....	13,000.00
E.	Total estimated cost of project (One Building).....	282,418.00
	(Two Buildings).....	\$564,836.00
F.	Cost per square foot .....	25.80

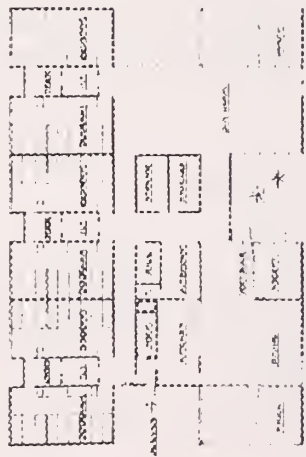
STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

WHEELER & LEWIS ARCHITECTS  
DENVER, COLORADO



EDUCABLE HOUSING UNIT



EDUCABLE HOUSING UNIT  
PLAN

PF-48-60  
TWO EDUCABLE UNITS  
STATE HOME & TRAINING SCHOOL  
WHEAT RIDGE  
Wheeler & Lewis and Orris J. Holmen  
Associates Architects  
Denver

INSTITUTION State Home & Training School, Wheat Ridge

PROJECT Custodial Building - 180-Bed

PROJECT DESCRIPTION

The custodial building complex is composed of three wards and a central service core. Wards of 80 beds for crib cases, and 60 and 40 beds for ambulatory and handicapped children. Each ward, in addition to bed or crib spaces, has a Day Room, Dining Area, Clean and Dirty Linen Rooms, Serving Kitchen (no food preparation), Toilets and Bathing Facilities, Clothes Storage for individuals' clothing, and Nurse's Station.

The central service core to contain the following: Central Nurse's Station, Offices, Lobby, Visitor's Rooms, Isolation Ward (10 Bed), Examination Facilities, Class or Observation Room, and Staff Toilets.

Total Capacity per complex: 80 Bed Crib  
60 Bed Ambulatory  
40 Bed Handicapped or Ambulatory

Gross Area -- 24,837 sq. ft.

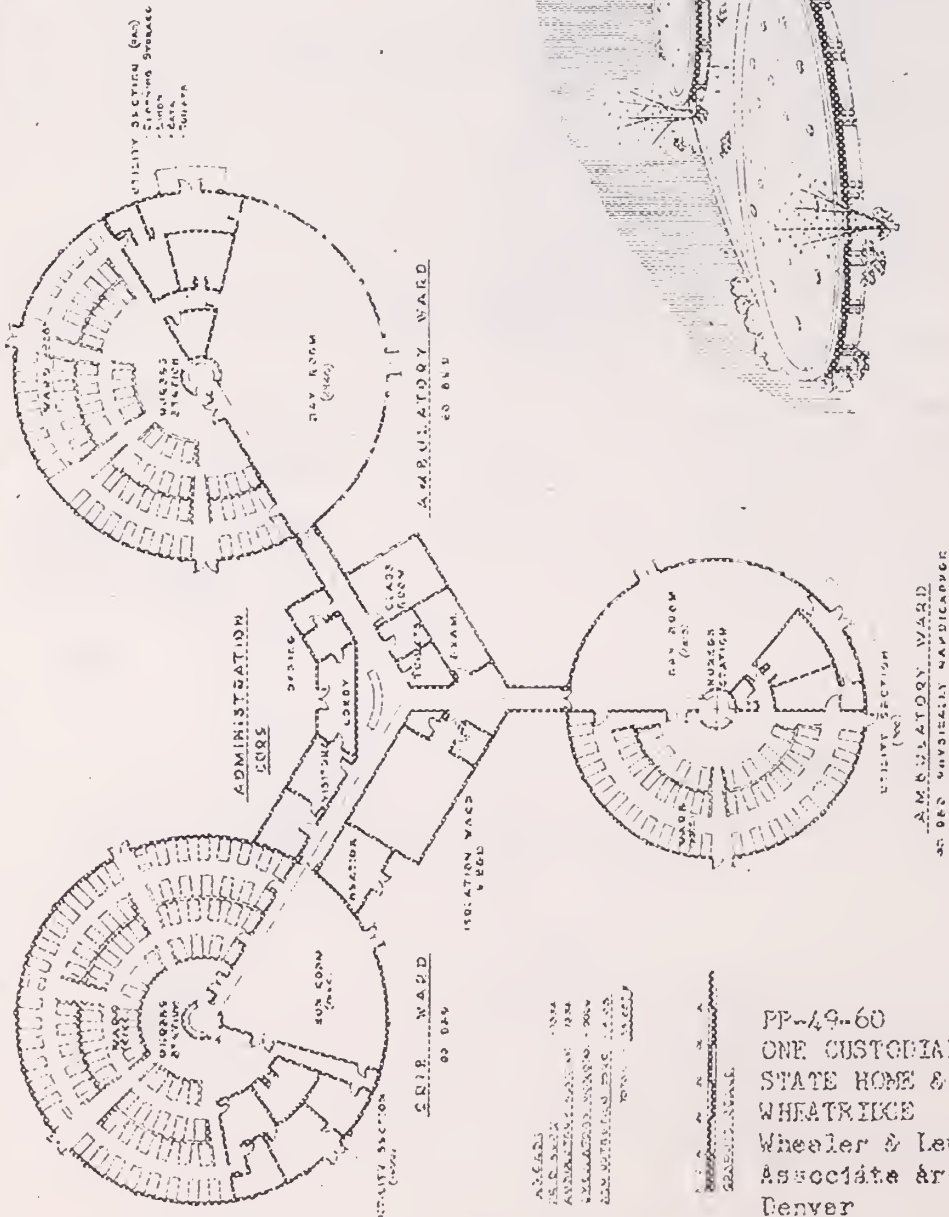
PROJECT COST

A. Professional Services	
1. Architectural or engineering, 3% plus additions 3%	\$ 17,487.00
additions.....	3,000.00
2. Surveys and other site investigations.....	2,000.00
B. Construction	
1. Structure (general,mechanical,electrical,fixed equipment)..	582,900.00
2. Services (sewers, water supply, etc., not within structure)	
3. Site (roads, walks, grading, etc., within project area)....	
C. Supervision (detailed supervision, not in A-1).....	6,400.00
D. Furnishings (furniture, equipment, etc., not in B-1).....	45,000.00
E. Total estimated cost of project .....	<u>\$656,787.00</u>
F. Cost per square foot .....	\$ 24.60

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

WHEELER AND LEWIS  
 ORRIS J. HOLMEN  
 ASSOCIATE ARCHITECTS  
 November 11, 1955



A LOW GRADE WARD BUILDING

PP-49-60  
 ONE CUSTOMAL UNIT -- 180 Beds  
 STATE HOME & TRAINING SCHOOL  
 WHEATRIDGE

Wheeler & Lewis and Orris J. Holmen  
 Associate Architects  
 Denver

AS SHOWN  
 AS SHOWN  
 AS SHOWN  
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INSTITUTION State Home & Training School, Wheat Ridge

PROJECT One 66 Bed Ward Trainable Building

PROJECT DESCRIPTION

The Trainable complexes are designed as four control wings, each consisting of two wards each (33 beds with Day Rooms, Dining Room, Serving Kitchen (no food preparation), Clean and Dirty Laundry Rooms, Toilet and Bathing Facilities, and Nurse's Station.

Each control unit relates to a central service core containing Crafts Area, Central Nurse's Station, Offices, Visitor's Rooms, Isolation Ward (8 Bed), and Staff Toilets.

Total capacity four wings, eight wards @ 33 beds - Total 264 gross Floor Area four wings, 47,400 sq. ft.

PROJECT COST:

A.	Professional Services	
1.	Architectural or Engineering, 3% plus changes 3% .....	\$ 8,300.00
	changes .....	2,000.00
2.	Surveys and other site investigations .....	1,500.00
B.	Construction	
1.	Structure (general, mechanical, electrical, fixed equipment) .....	277,000.00
2.	Services (sewers, water supply, etc., not within Structure. See Utility Develop. PP-58).....	
3.	Site (roads, walks, grading, etc) .....	
C.	Supervision (detailed supervision, not in A-1).....	2,700.00
D.	Furnishings (furniture, equipment, etc., not in B-1).....	14,000.00
E.	Total estimated cost of project .....	<u>\$305,500.00</u>
F.	Cost per square foot based on Items A, B-1 and C .....	\$ 25.80

STATE PLANNING DIVISION RECOMMENDATION

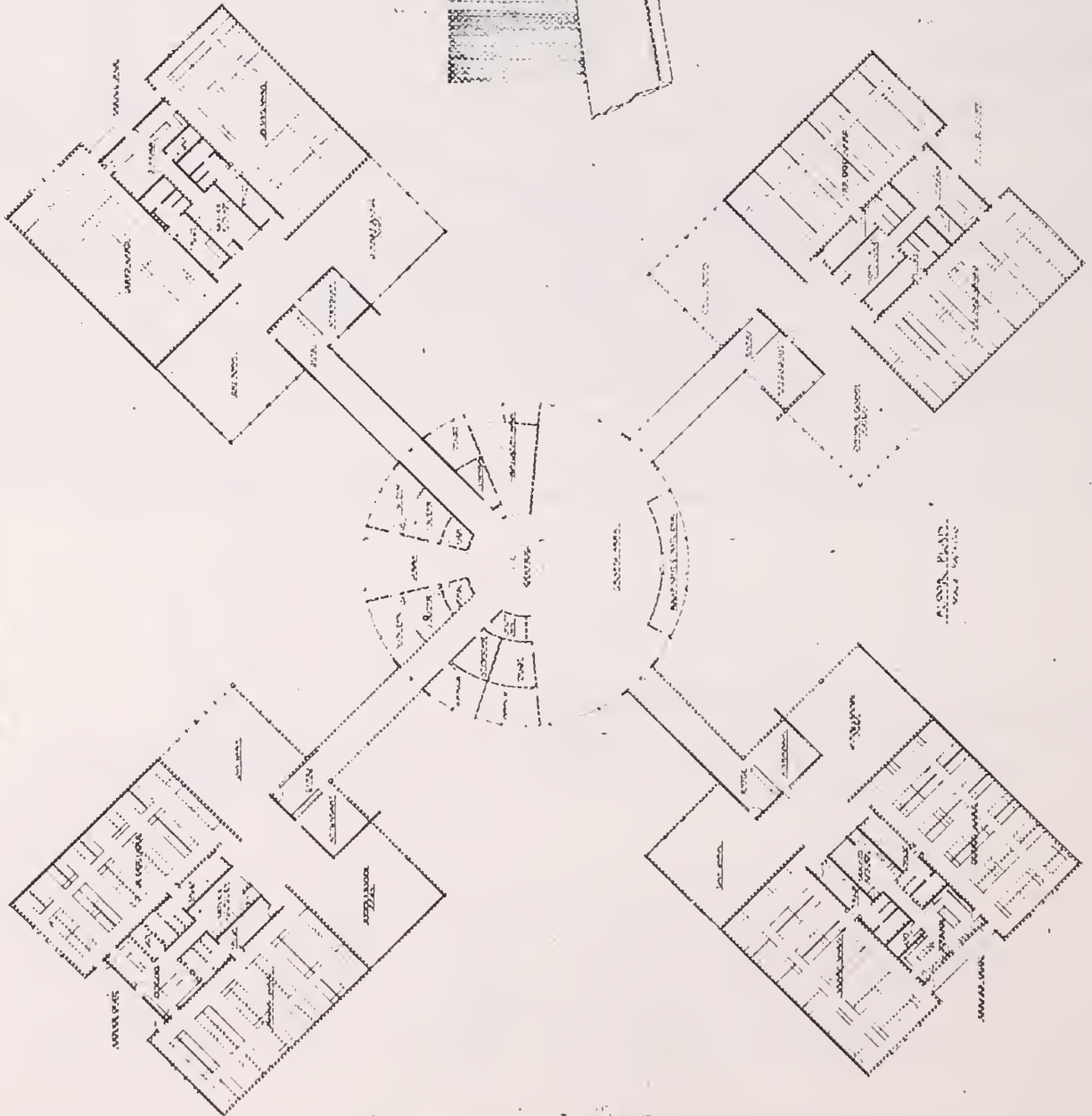
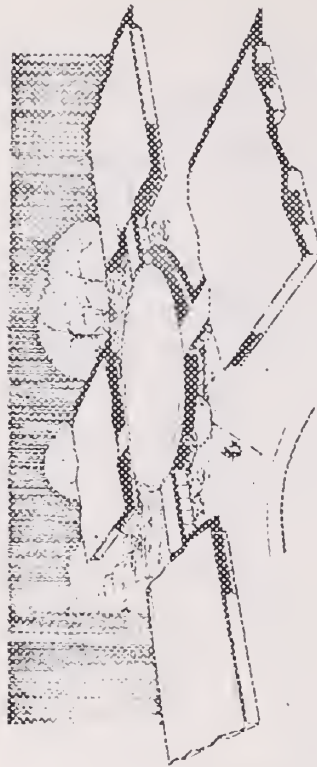
Recommended by the Advisory Board of the State Planning Division that the project be deferred.



FF-50-60

ONE TRAINABLE WARD---66 Beds  
STATE HOME & TRAINING SCHOOL  
WHEATRIDGE

Wheeler & Lewis and Orris J. Holmes  
Associate Architects  
Denver



TRAINABLE HOUSING UNIT

INSTITUTION Colorado State Reformatory, Buena Vista

PROJECT Classrooms and Auditorium

PROJECT DESCRIPTION

An eight-class room unit orientated with north-south class rooms has been located west of the existing vocational building and an auditorium seating 600, placed to the south. Separate entrances and toilet facilities are to be provided. Gross floor area will be approximately 14,100 square feet.

PROJECT JUSTIFICATION

Except for the classrooms recently built for use in vocational training building, no facilities exist for academic schooling. The average scholastic standard of inmates in below 6th grade.

BUILDING CONSTRUCTION

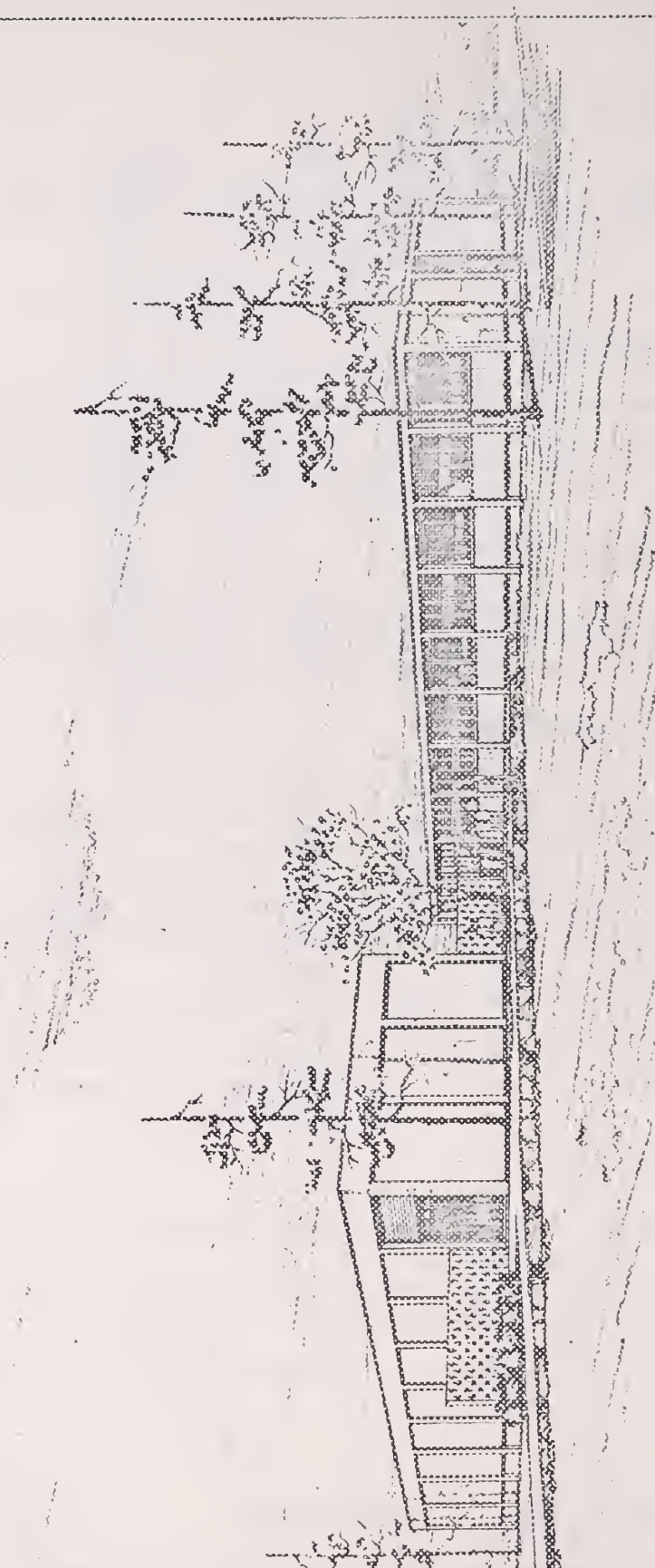
Structure ..... structural steel  
 Exterior walls ..... architectural concrete (possible load bearing)  
 Roofing ..... built-up composition  
 Flooring ..... concrete slab and resilient  
 Interior walls ..... exposed lightweight block; cement plaster where required  
 Plumbing ..... institutional  
 Heating ..... steam from existing central system; forced air ventilation; automatic temperature control  
 Electrical..... conductors in conduit; tamper-proof fixtures, where required

PROJECT COSTS

a.	Construction cost, school and classrooms, 7,526 sq. ft.	
	Auditorium, 6,552 sq. ft. ....	\$367,000.00
b.	Furnishings and equipment .....	22,000.00
c.	9% Fees and Contingencies .....	<u>35,010.00</u>
	TOTAL PROJECT COST .....	\$424,010.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred due to lack of funds.



AUDITORIUM AND CLASSROOM BUILDINGS  
COLORADO STATE REFORMATORY BUENA VISTA, COLORADO

JAMES H. JOHNSON & ASSOCIATES, ARCHITECTS

PP-61-60  
Auditorium & Class Room Bldg.

COLORADO STATE REFORMATORY  
BUENA VISTA

INSTITUTION Colorado State Reformatory, Buena Vista

PROJECT Chapel

PROJECT DESCRIPTION

The Chapel will be located at the west end of the open quadrangle between the Vocation Building and the main complex of buildings. A nave, seating 178 inmates will serve both Catholic and Protestant services. Chaplains' offices and related facilities are a part of the building. Steam line extensions from main pipe tunnel. The gross floor area will be 2,650 sq. ft. exclusive of courts.

PROJECT JUSTIFICATION

Rehabilitation efforts will be greatly facilitated with an adequate Chapel Building. Existing religious facilities are comprised of two narrow converted classrooms in the old Services Building which will be needed for dormitory housing in the next phase of Master Plan development.

BUILDING CONSTRUCTION (Incombustible construction)

Structure .....	Reinforced concrete structural frame, exterior textured concrete panels similar to existing
Roof .....	Built-up composition roofing on light-weight concrete deck
Interior Walls .....	Exposed block and brick, cement plaster finish when required
Ceilings .....	Suspended acoustical tile
Floors .....	Resilient Flooring
Electrical .....	Concealed conductors in conduit
Heating and Ventilating ....	Hot water from existing control system, separate air handling units as required for exhaust.

GROSS FLOOR AREA

Enclosed building .....	2,650 sq. ft.
Unenclosed areas .....	<u>2,250 sq. ft.</u>
TOTAL .....	4,900 sq. ft.

PROJECT COSTS

a. Construction	
2,650 sq. ft. at \$22.00 per sq. ft. ....	\$ 58,300.00
2,250 sq. ft. at 5.00 per sq. ft. ....	11,250.00
b. Furnishings .....	<u>3,000.00</u>
c. 9% fees and contingencies .....	\$ <u>72,550.00</u>
	6,656.00
TOTAL PROJECT COST .....	\$ 79,206.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.







INSTITUTION Colorado State Reformatory, Buena Vista

PROJECT Field House

PROJECT DESCRIPTION

The field house will be located at the east end of the new central control corridor and closely related to the athletic field in accordance with the Master Plan for the institution.

The field house will allow inmate participation in as many active indoor athletic activities as possible including: basket ball, volley ball, boxing, wrestling, hand ball and gymnastics. The building size was dictated by a regulation size basket ball court and fold out bleachers on the sides. Showers and dressing facilities are included.

Guard supervision of all areas is attained by separate circulation completely isolated from inmate occupied areas.

PROJECT JUSTIFICATION

Frequent inclement weather prevents outside activity frequently during the winter season. It is essential that inmates exercise. Present facilities are completely inadequate, not centrally located, nor related to outside athletic fields.

BUILDING AREAS

Field House .....	20,806 sq. ft.
Finished Locker Room .....	2,700 "
Remodel "D" Block .....	<u>1,920 "</u>
TOTAL .....	25,426 sq. ft.

PROJECT COSTS

a. Construction	
20,806 sq. ft. \$15.00 per sq. ft. ....	\$312,000.00
b. Showers and Lockers	
2700 sq. ft. at \$15.00 per sq. ft. ....	40,500.00
c. Remodel Corridor	
(Included in Single-room Dormitory costs, this work must be done with either, but not both projects).	
d. Equipment .....	10,000.00
e. 9% fees and contingencies .....	32,600.00
TOTAL PROJECT COST .....	<u>\$395,100.00</u>

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.



FIELD HOUSE  
COLORADO STATE REFORMATORY  
SUEVA VISTA, COLORADO

JAMES H. JOHNSON & ASSOCIATES, ARCHITECTS

FP-65-60  
Field House

COLORADO STATE REFORMATORY  
SUEVA VISTA

INSTITUTION Colorado State Reformatory, Buena Vista  
PROJECT Service Building Remodeling  
PROJECT DESCRIPTION

Upon completion of the new Kitchen-dining building, the old dining room and adjacent spaces will be remodeled into a service area. These services include: a laundry, tailor shop, clothing issue, officers' tailor shop, shoe repair, canteen and print shop. It is the intention to provide future industrial facilities (furniture shop in an area now occupied by the old kitchen). This kitchen will be demolished. The second floor will be remodeled to provide a day room for "D" block.

BUILDING CONSTRUCTION

- a. Existing structure, exterior walls and roofing will be left in their present state, excepting major maintenance items as may be required.
- b. Interior walls will be wood studs and gypsum board
- c. Electrical - remodel as required
- d. Heating and ventilation to be remodeled as required
- e. Flooring will be resilient tile

PROJECT COSTS

a.	22,000 sq. ft. at \$5.00 per sq. ft. (partitions, stairs, "D" block day room, sewers, electrical mechanical, paint and patching and relocating existing equipment (1st and 2nd floor) .....	\$110,000.00
b.	Jail equipment .....	4,000.00
c.	10½% Fees and Contingencies .....	11,970.00
TOTAL PROJECT COST .....		\$125,970

STATE PLANNING DIVISION RECOMMENDATION

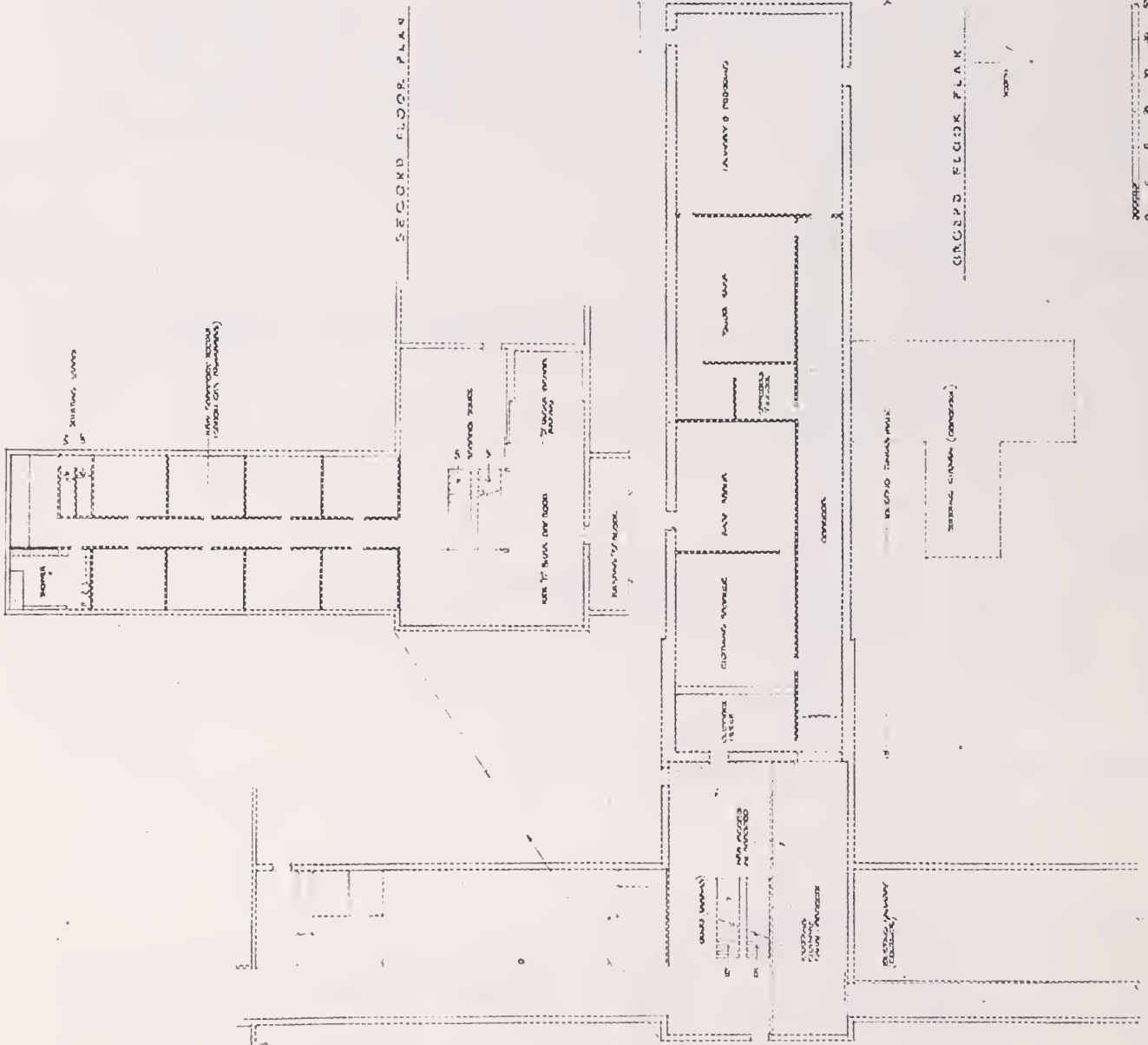
Recommended by the Advisory Board of the State Planning Division that the project be deferred until 1962.



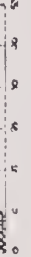
REMODELING OF SERVICES BUILDING - CLOTHING MAINTENANCE & DORMITORIES

COLORADO STATE REFORMATORY BUENA VISTA, COLORADO

SECOND FLOOR PLAN



GROUPED FLOOR PLAN



SCALE

PP-60-60

Service Building Remodeling

COLORADO STATE REFORMATORY  
BUENA VISTA

PP-91-60

INSTITUTION Fort Logan Mental Health Center

PROJECT Equipping Medical Surgical Unit

PROJECT COST

The estimated cost for the furnishings and equipment for the Medical-Surgical Unit described in Item PP-90-60 ..... \$ 227,982.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that this project be deferred to 1962.



PP-92-60

INSTITUTION Fort Logan Mental Health Center

PROJECT Equipping Intensive Treatment Center Complex

PROJECT DESCRIPTION

The facilities of the first increment of this hospital are planned to be in separate wings or structures, in accordance with the different environmental or functional requirements; it is, nevertheless, a single hospital unit since these structures or functions are interrelated. The Forty-Second General Assembly authorized the expenditure of \$3,430,000 (H. B. 100) for the planning and construction of the Intensive Treatment Center Complex. The equipment was not included at that time.

PROJECT COST

A. Administration Building -- 2 Story.....	\$ 56,000.00
B. Staff Building, Library, Auditorium -- 4 Story .....	80,000.00
The above figure is for the 2 Story portion only; the equipment estimate for the additional two floors is \$35,000. (See PP-109-60)	
C. Occupational-Recreational Therapy .....	40,000.00
D. Kitchen and Dining Rooms .....	37,000.00
E. Receiving and Intensive Treatment Building -- 2 Story .....	63,000.00
	<hr/>
	\$ 276,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that this project be deferred to 1962.

INSTITUTION Colorado School for the Deaf & Blind, Colorado Springs

PROJECT Vocational Arts Building

PROJECT DESCRIPTION

This project contemplates the replacement of the existing antiquated Industrial Building with a new building to house vocational arts. The existing building is an unsafe, hazardous building erected in 1894! It houses the School laundry and the garage on the first floor and the industrial shops on the second floor. It is undoubtedly the greatest hazard now existing on the campus. It would be necessary to demolish this building in order to provide space in the proper location for construction of the proposed new Vocational Arts Building.

The Vocational Arts Building, if possible, should be constructed as a one-story structure so that easy exist is provided from any and all of the shops involved. This building should provide for the following shops:

Woodworking	2,300 sq. ft.
Storage	665 sq. ft.
Body and Fender Shop	500 sq. ft.
Upholstering	600 sq. ft.
Arts and Crafts	600 sq. ft.
General Metals Shop	1,600 sq. ft.
General Shop for the Blind	2,300 sq. ft.
Paint Finishing Room	500 sq. ft.
Cosmetology	600 sq. ft.
Classrooms (2)	800 sq. ft. (total)
Drawing Room	300 sq. ft.
Homemaking, Cooking	500 sq. ft.
Sewing	600 sq. ft.
Print Shop	2,300 sq. ft.
Art	600 sq. ft.
Dry Cleaning	650 sq. ft.

These facilities total a required area of approximately 15,000 square feet. With an allowance of 20 per cent for walls, corridors, toilet facilities, etc., it indicates that a building of approximately 18,000 square feet total area will be required.

The building is urgently needed to enable the type of pupils involved to be as nearly self-supporting as possible when they have completed their education at the School.

PROJECT COST

A. Construction .....	\$ 288,000.00
B. Professional Services .....	1,440.00
	<hr/>
Total Estimated Cost .....	\$ 289,444.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred, due to lack of funds.

INSTITUTION Colorado School for the Deaf & Blind, Colorado Springs

PROJECT Laundry and Garage Building

PROJECT DESCRIPTION

This proposed project contemplates the erection of a building to house the laundry and garage which are now located in the Industrial Building recommended to be demolished under "Priority No. 5."

An analysis of the situation indicates that it is to the interest of the School from an economical standpoint to continue to do all of its laundry on the campus rather than contracting the work outside. It is proposed, therefore, that a building be erected to house the laundry, which requires approximately 2,500 square feet; a garage to house nine vehicles including a bus and a tractor, requiring approximately 2,700 square feet; and a room for storage of paint supplies used in the maintenance of the buildings on the campus, requiring approximately 1,200 square feet. This indicates a total usable area of 6,400 square feet is required which, when increased 20 per cent to allow for walls, toilet facilities, etc., indicates a building with a gross area of approximately 7,600 square feet.

If "Priority No. 5"--The proposed new Vocational Arts Building--is constructed, it will be necessary that this item, "Priority No. 6," follow to provide the facilities which will be lost when the present Industrial Building is removed.

PROJECT COST

A. Construction .....	\$ 96,000.00
B. Professional Services .....	480.00
	\$ 96,480.00
Total Estimated Cost .....	\$ 96,480.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION Colorado School for the Deaf & Blind, Colorado Springs

PROJECT Conversion of Barn to Athletic and Recreation Center

PROJECT DESCRIPTION

It is recommended that the existing barn at the east side of the School property be remodeled to serve as an adjunct to the recreational facilities described above, providing toilet facilities in connection with the play grounds and rooms for indoor recreation, table tennis, Boy and Girl Scout Troop meeting rooms, etc.

A. Analysis of Existing Conditions:

The existing barn is a well-constructed building no longer used or necessary for use as a barn. For some time it has been used in a limited way as an auxiliary gymnasium for wrestling. The building is well suited for this and other similar uses by the students, but lacks adequate heating and sanitary facilities.

An analysis of the existing electrical system reveals the following:

1. The service to this building is single-phase and inadequate for proposed re-lighting.
2. The main disconnect is inadequate for the proposed remodeling of this building. The branch circuit protection violates the National Electrical Code.
3. The wiring in this building is in conduit, but is old and undependable. The lighting in this building is meager and the fixtures are outdated.
4. The switches and receptacles in this building are either outdated, inadequate, or of insufficient quantity.
5. There are no provisions for an automatic fire alarm system.

B. Recommended Corrective Measures:

Abandon the worn-out steam line serving the barn from the central steam plant. Install a new steam line and new water lines from the end of the tunnel at the Gymnasium in an underground pipe trench to the barn. The tunnel and services now being installed to the Gymnasium under a contract already awarded provide for this future extension to the barn.

1. Remodel existing radiation as required.
2. Install shower and toilet facilities for boys.
3. Do minimum of remodeling necessary to accomplish the above.

- 4. Correct electrical system as follows:
  - a. A new service
  - b. A new panel
  - c. New branch circuit wiring designed for the existing conduit insofar as possible.
  - d. A new lighting system designed for an intensity of about 70 foot candles.
  - e. New lighting switches and convenience outlets.
  - f. A new automatic fire alarm system.

This will serve all children in the School 11 years old and above.

PROJECT COST

A. Construction .....	\$ 36,000.00
B. Professional Services .....	180.00
	<hr/>
Total Estimated Cost .....	\$ 36,180.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.



INSTITUTION Colorado School for the Deaf & Blind, Colorado Springs

PROJECT Library Building

PROJECT DESCRIPTION

This project contemplates the erection of a one-story building to provide library facilities which are not now in existence on the campus. The preferred site of this library building would be in the area now occupied by the very old and obsolete Sloyd Building. The Sloyd Building is now being used for storage of paint supplies, which storage would be provided as indicated under "Priority No. 6."

Removal of the Sloyd Building would permit construction of a library building closely adjacent to the School building and readily accessible from the dormitories so that its use would be possible both throughout the school hours and after school hours. The Library Building should provide the following facilities:

1. A library for the deaf.
2. A library for the blind, which entails the storage and use of Braille books which, of course, require considerably more room than ordinary printed material.
3. A library for the staff.
4. A librarian's office.
5. A librarians' workroom.
6. Toilet and storage facilities.

As a very preliminary estimate, it is anticipated that the building would have to provide approximately 3,500 square feet net usable area. A building similar in construction and use of materials to the Infirmary constructed several years ago would adequately meet this need.

PROJECT COST

A. Construction .....	\$ 75,000.00
B. Professional Services .....	375.00
	<hr/>
Total Estimated Cost .....	\$ 75,375.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

PP-41-60

INSTITUTION Colorado School for the Deaf & Blind, Colorado Springs

PROJECT Tennis Courts

PROJECT DESCRIPTION

This project involves the grading, paving, backstops, and equipment necessary for the construction of two tennis courts for the use of the pupils. No such facilities are provided at present. It is contemplated that these courts would be located between the Gymnasium and the barn and would tie in well with the recreation and athletic facilities to be provided in the barn under "No. 4 Priority."

PROJECT COST

A. Construction .....	\$ 5,000.00
B. Professional Services .....	25.00
	<hr/>
Total Estimated Cost .....	\$ 5,025.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended that the project be deferred.

AGENCY State Historical Society of Colorado

PROJECT Caretaker's Apartment and Visitor's Center, Pike Stockade

PROJECT DESCRIPTION

Pike Stockade, located twenty miles south of Alamosa in Conejos County, is one of eight monuments maintained by the State Historical Society and has been a possession of the State since 1925. Because of the importance of the Pike chapter in Colorado history, it is the desire of the Society to erect a small building in which the Pike story can be told by means of exhibits, dioramas, photographs and maps.

The State has little to gain from the time and money already invested in the site unless proper presentation is made. In conjunction with whatever exhibit space is built, there must be living quarters for a caretaker and toilet facilities for public use. Quarters could be simple because it would not be feasible to keep this small museum open year-round.

PROJECT CONSTRUCTION

Exterior walls .....	Concrete Block
Roofing .....	Asphalt Shingles on Wood Deck and Timber Framing
Flooring .....	Reinforced Concrete Slab on Grade
Interior walls .....	Cement Block and Gypsum Board
Ceilings .....	Gypsum Board
Windows .....	Steel Projected
Plumbing .....	Standard Residential Fixtures
Heating .....	Wall Heaters, Electric or Bottled Gas
Electrical .....	Incandescent Fixtures

PROJECT COST

A. Construction	
1. Structure (general, electrical) .....	\$ 12,500.00
B. Septic Tank and Piping .....	800.00
C. Furnishings .....	1,000.00
D. Electric Service .....	4,800.00
E. Professional Services	
1. Architectural or Engineering .....	900.00
	<hr/>
F. Total Estimated Cost .....	\$ 20,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that this project not be undertaken, due to the fact that the site is so isolated from from main-traveled public highways that visitations to the site would be so limited that the expenditure of operating the facility cannot be justified.

As an alternate, it is suggested that perhaps a small replica of Pike's Stockade might be constructed and placed on exhibit at the State Museum at Fort Garland.

INSTITUTION State Historical Society - Trinidad, Colorado

PROJECT Bloom Mansion

PROJECT DESCRIPTION

Estimate of what will be needed to make essential repairs and maintain the property pending a full study of its development after it becomes state property.

PROJECT COST \$1,500.00

OTHER INFORMATION

This property is located close to our Baca House Museum, and is expected to be given to State early in 1961.

INSTITUTION State Historical Society - Denver, Colorado

PROJECT El Pueblo Museum

PROJECT DESCRIPTION

Rehabilitation three west rooms for use as exhibit space, and two-floor-level former furnace room for storage and workroom. Flooring, painting, plastering and general repairs needed.

PROJECT COST

\$6,000.00



INSTITUTION Colorado State University, Fort Collins

PROJECT Veterinary Diagnostic Laboratory at Proposed Arkansas Valley  
Branch Experiment Station

PROJECT DESCRIPTION

Construction of a Veterinary Diagnostic Laboratory to include two (2) offices 9' x 12', two (2) Laboratories 12' x 16', one (1) Laboratory 20' x 32', one (1) Storage Room 12' x 18', one (1) Disposal Room 16' x 20'. Laboratories to contain built-in benches and cabinets. Project will include utilities, sewage and animal disposal unit, and will contain approximately 2,000 square feet of area.

PROJECT CONSTRUCTION

Structure .....	Concrete foundations, concrete masonry bearing walls
Exterior walls .....	Concrete masonry
Roofing .....	20 year bonded, built-up composition
Windows .....	Aluminum
Flooring .....	Asphalt tile on concrete slab
Interior walls .....	Concrete masonry, brick (at incinerator), Gypsum board
Ceilings .....	Gypsum Board
Plumbing .....	Copper piping cast iron drainage, cast iron fixtures
Heating .....	Warm air furnace
Electrical .....	Thinwall and Romex system, fluorescent fixtures

PROJECT COST

A. Construction	
1. Structure .....	\$ 34,912.80
2. Services .....	800.00
3. Site .....	500.00
B. Supervision (by Architect)	
C. Equipment .....	7,340.00
D. Other .....	946.80
E. Professional Services	
1. Architectural .....	<u>2,840.40</u>
Total Estimated Cost of Project .....	\$ 47,340.00

Gross Area sq. ft. 2,280  
Est. cost per sq. ft. \$17.54

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

PP-136-B-60

INSTITUTION Colorado State University Experiment Station, Fort Collins

PROJECT Equipment Items, Main Campus, Fort Collins

PROJECT COST

1. Scientific laboratory and field equipment for soil and water research (Agronomy)

Equipment for Agronomy

Neutron moisture meter .....	\$ 2,500.00
Automatic temperature recorders (Brown) Two (2) @ \$1,150....	2,300.00
Rain and snow gauge, recording .....	325.00
Tempscribe units (2) and tensiometers (4) .....	260.00
Net radiometer (Agmet) .....	300.00
Net radiometer (Beckman and Whitley) .....	1,200.00
Soil heat flux plates (Nat. Inst. Lab.) .....	500.00
Equipment for measuring temperature and pressure gradients, custom made .....	4,000.00
Wind speed recorder and odometer .....	400.00
Hygrothermographs .....	500.00
Materials for water proofing and making soils reflective ...	3,000.00
	<hr/>
	\$ 15,285.00

2. Equipment for Civil Engineering--Scientific laboratory and field equipment for water resource research (C.E.)

Water in the atmosphere

Mobile vertical-scanning radar.....	\$ 15,000.00
Mobile meteorological instrumentation (Pressure, wind and temperature) .....	5,000.00
Crest-stage apparatus .....	1,000.00

Surface water

Electronic recording apparatus for flow measurement .....	1,000.00
Isotope counter .....	2,000.00
Somoscope .....	2,000.00
Pump, motor and valves .....	4,000.00

Underground water

Water table installation and recorder .....	2,000.00
Electric analogue ground water model .....	2,000.00
Power sampling equipment .....	1,000.00

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\$ 35,000.00

TOTAL REQUEST -- Main Station .....

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50,285.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the above project be deferred.

INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Automatic Lawn Sprinkler System

PROJECT DESCRIPTION

This sprinkler system is required in order to fully complete the landscaping of the campus at the current stage of development. The College buys water from the City of Durango on a metered basis. Currently all irrigation is accomplished by the use of hoses, metal tubing and portable sprinklers. A sprinkler system would insure maximum utilization of irrigation water. Once installed, the labor requirements would be far less than is now required in moving hoses and other irrigation devices about the Campus. Labor savings over current labor costs for this type of work and the resultant savings in water could amortize the cost of this installation over a period of years.

PROJECT CONSTRUCTION

For the design, installation and supervision of installation of a fully automatic lawn sprinkler system in the following areas:

1. Area south and west of Academic building.
2. Area south and east of Academic building.
3. Quadrangle between the Academic building and Student Center Building.
4. Area between Academic Building and Fine Arts Building.
5. Quadrangle immediately west of the Fine Arts Building and South of the Men's Dormitories.
6. Area between the Men's Dormitories.
7. Area between the Men's Dormitories and Parking Lot B.
8. Area 100' west and north of the Dormitory Arcade.
9. Area immediately south of the Women's Dormitory.
10. Area 100' north of Women's Dormitory.
11. Area west of Women's Dormitory to Parking Lot C.
12. Area south of Gymnasium to Parking Lot B.
13. Area north and west of Academic Building.

Included in the proposed project would be specifications calling for all necessary materials and installation as well as Engineering Service for the design of the system and supervision of the construction.

PROJECT COST

\$ 42,500.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION Ft. Lewis A & M College, Durango

PROJECT Vinyl Tile Replacement

PROJECT DESCRIPTION

The specifications for the construction of the Academic Building called for the laying of 1/8" pure Vinyl Tile on the floor of the Library and several other rooms, including offices. Vinyl Tile as required under the specifications was placed on the floors of the several areas. However, this tile has never adhered properly to the sub-floor. The reason for this non-adherence has never been fully identified. The unsatisfactory condition of the floor was duly called to the attention of the Architect, the General Contractor and the flooring sub-contractor. After the formation of the Public Works Section of the State Planning Division, it was also called to the attention of that group.

Even though numerous attempts have been made to determine the cause and responsibility; and even though several attempts have been made to patch the worst areas, no satisfactory solution has been found. To properly correct this situation it will be necessary to remove all the tile now on the floor, clean and adequately treat the concrete sub-floor and to lay new tile with the appropriate type of Mastic.

PROJECT COST

\$10,000.00

STATE PLANNING DIVISION RECOMMENDATION

Recommended by the Advisory Board of the State Planning Division that the project be deferred.

INSTITUTION Fort Lewis A & M College - Durango, Colorado

PROJECT Repair Library Roof - Hesperus

PROJECT DESCRIPTION

For the repair and construction of a new roof on the Library Building at the Hesperus Campus of the college. For the repair and rehabilitation of the stack room in this building. The actual stacks were removed and placed in the Academic Building on the Durango Campus. For the repair of doors, windows and other damaged areas on this building. For the repair and overhaul of the heating plant in this building.

PROJECT JUSTIFICATION

This is the only really modern building on the Hesperus Campus. This building was constructed in 1937 or 1938. Over the past few years several leaks have appeared in the roof and are slowly destroying the interior of the building. It has reached the point to where emergency repairs will no longer suffice. It is now necessary to completely reroof this building to meet specifications required for a twenty year bonded roof.

The stack area has not been rehabilitated after the removal of the old stacks. This should be done so this area will serve as a storage area for old files. Over the years some of the doors and windows have deteriorated. It is necessary that these be repaired and rehabilitated and all exterior wood surfaces painted.

It is also necessary that the heating system in this building be completely dismantled and the necessary repairs accomplished.

PROJECT COST

\$15,000.00





