

K

Final
Preliminary Report
Sept. 1981

University of Minnesota
Coordinate Campuses

**Recreational / Athletic
Facilities Study**

**Prepared by
the Office of Physical Planning**

MEI
9/8/245p

	Contents	1
CHAPTER 1	INTRODUCTION	2
	The Process Illustrated	4
	Definitions	5
CHAPTER 2	STANDARDS AND COMPARISONS	6
	Student and Staff Data	7
	The Standards	9
	Existing Indoor Space	11
	Minimum Requirements	12
	Crookston	13
	Duluth	15
	Morris	17
	Waseca	19
	Comparisons with Other Systems	21
	University of Wisconsin System	22
	Minnesota State University System	23
	Summary	24
CHAPTER 3	PROGRAMMATIC SURVEYS	26
	PSFN Survey	27
	PS--A Survey	28
	Crookston Summary	29
	Crookston Survey	31
	Duluth Summary	34
	Duluth Survey	37
	Morris Summary	50
	Morris Survey	52
	Waseca Summary	56
	Waseca Survey	58
CHAPTER 4	EVALUATION OF EXISTING FACILITIES	63
	Process	63
	Existing Indoor Facilities	64
	Existing Outdoor Facilities	65
	Crookston	66
	Duluth	91
	Morris	114
	Waseca	143
CHAPTER 5	SUMMARY/FINDINGS	156
	Findings	156
	Crookston	158
	Duluth	161
	Morris	165
	Waseca	168

Contents

Introduction

.INTRODUCTION

This is a study of facility needs for recreational sports, physical education and intercollegiate athletic programs on the University of Minnesota's four coordinate campuses in Crookston, Duluth, Morris and Waseca. It grew out of a review by the Board of Regents of similar facilities on the Twin Cities Campus. In deciding to seek state funds to improve conditions on the Twin Cities Campus, the Board and President C. Peter Magrath agreed that this examination of outstate needs be undertaken by the Office of Physical Planning in consultation with officials of the four campuses.

The programs and needs of the coordinate campuses will be addressed individually. This study focuses on programs and their consequent facility needs. As will be stated later in this report, programs are examined first and facilities second.

Athletics are viewed as an important part of the curriculum. There is always the risk of appearing defensive when making such an observation, and that risk is appreciated. But in an extended period of fiscal constraint, it is helpful to make explicit the point that there is a significant educational and social value in athletics. The benefits are clear when they come to the physical and mental health of participants.

Also worth noting is the increased interest in campus-based athletic programs, especially at the recreational and intramural level. Each campus can cite impressive growth figures. The general escalation of interest, complemented by (or largely attributable to) the explosion in female participation rates, has placed real demands on facilities that were often designed forty years ago or more for far smaller student bodies. Placing

even greater demands on these facilities is the wholly legitimate obligation to make programs and facilities of the University of Minnesota as accessible as possible for individuals with disabilities.

This report takes account of campus-wide planning that has already taken place at Crookston, Duluth, Morris and Waseca. It also takes into account that all campuses, with the exception of Duluth, are located in small rural communities, and all are in a northern climate. Such locales put a special cast on a college's recreational and extracurricular life.

The study is organized in the following way:

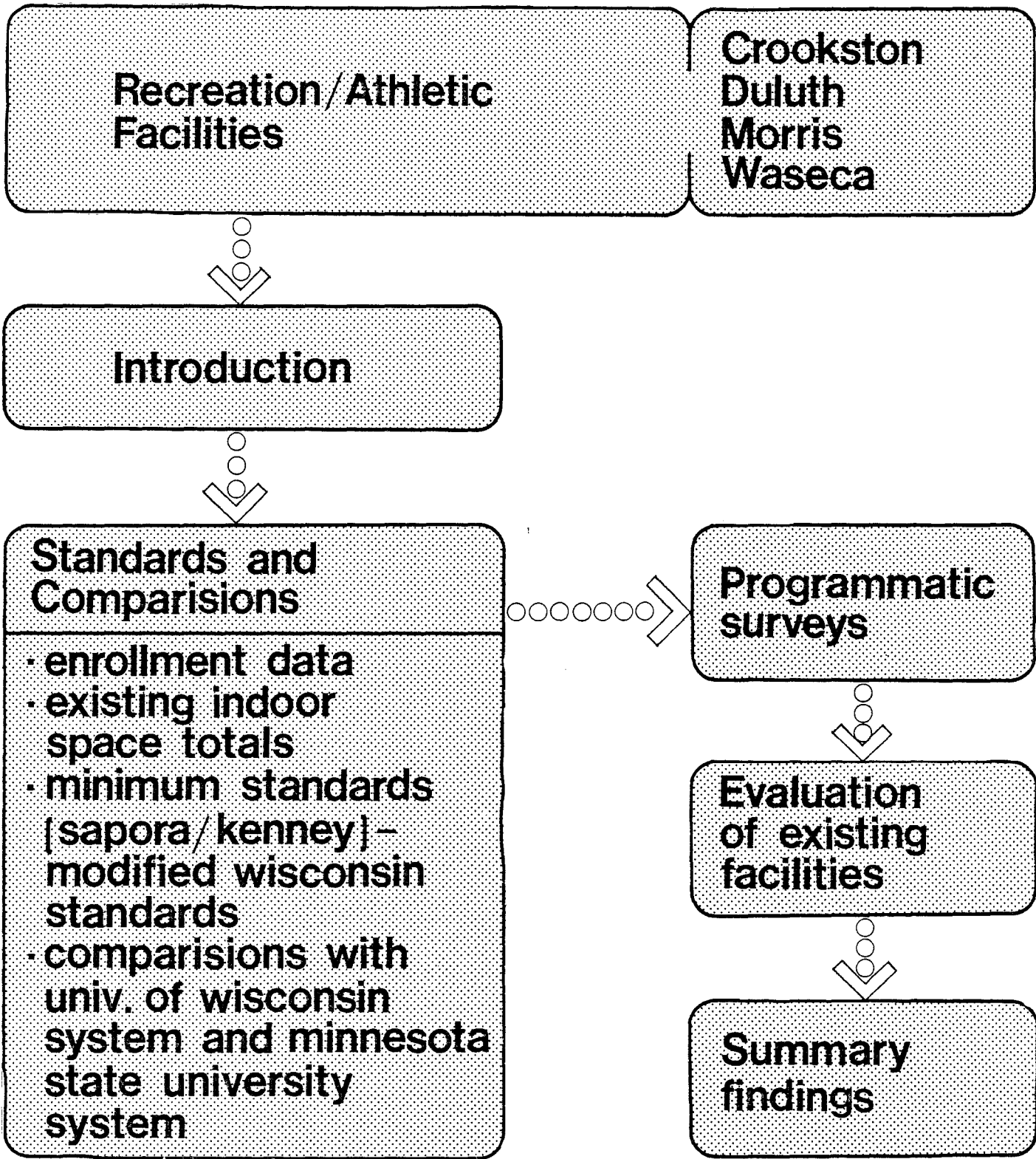
Chapter Two addresses student and staff data, various standards used in determining minimum facility requirements, and comparisons (in terms of square footage) between coordinate campus facilities with those of other campuses.

Chapter Three discusses the programmatic needs of the four campuses.

Chapter Four evaluates the physical conditions of the existing facilities on the campuses.

Chapter Five offers summary and findings.

The following diagram is the graphic interpretation of the study process.



Recreational / Athletic Facilities Study Process

Definitions

Intercollegiate Athletics: Varsity programs involving competition with teams from other colleges and universities. (Excludes sport clubs.)

Physical Education: Instruction, research and similar activities under the aegis of departments of physical education. Refers most specifically to credit-granting courses.

Recreational Sports: Providing services in varying degrees and/or interest levels of competitive activities in game form through the following sport areas:

Informal - self-directed competitive activities in game form.

Intramural - structured, competitive activities in game form requiring design and direction.

Extramural - structured, competitive activities in game form between two institutions intramural sport champions.

Club - group that is organized because of a common interest in competitive activity and in the game form.

Definition is all inclusive of recreational sports programming to include special events, sports fitness development and lifetime sport skills development.

Standards & Comparisons

STANDARDS AND COMPARISONS

The comparative and other data in this chapter provide context for the following chapters. Three standards or guidelines are used: the Sapora/Kenney formula,¹ a University of Wisconsin formula,² and a modified Wisconsin formula developed by the Office of Space Programming and Management of the University of Minnesota. It is emphasized that these standards are minima, not norms, and they do not speak to the quality of facilities or their appropriateness of use.

In addition, comparisons are made of athletic facilities in the Wisconsin and Minnesota State University Systems with those in Crookston, Duluth, Morris and Waseca.

Both headcount and FTE data are presented. Headcount calculations are most appropriate when used in the Sapora/Kenney and the two Wisconsin models. However, in the interest of consistency, FTE data are used when comparing the University of Minnesota to the University of Wisconsin and Minnesota State University Systems.

- 1) College and University Facilities Guide. The Athletic Institute and the American Association for Health, Physical Education and Recreation. Chicago and Washington, D.C., 1968.
- 2) "Physical Education/Recreation Guideline: Proposed Revision," University of Wisconsin System, July 1978.

Enrollment Data

Headcount

Campus	Students	Physical Education Majors and Minors
Crookston	1,179 ¹	Not Offered
Duluth	7,047 UG/Day ¹ 346 Grad School & Medicine ¹ 5,356 Extension ²	300 Majors 250 Minors
Morris	1,624 Day ¹ 645 Extension ²	99 Majors 0 Minors
Waseca	1,123 ¹	Not Offered

1) Official Registration Statistics, Fall Quarter 1980, Records and Registration Office.

2) University of Minnesota Continuing Education and Extension:
"Annual Enrollment Report 1979-80 Compared with 1978-79".

Enrollment Data Cont.

FYE and FTE¹

Campus	FYE	FTE
Crookston	1,010	1,017
Duluth	6,080	6,967
Morris	1,418	1,513
Waseca	1,044	1,044

Projections²

Campus	1980 Fiscal Year (FYE Actual)	1986 Fiscal Year (FYE Projected)
Crookston	1,010	995
Duluth	6,080	5,238
Morris	1,418	1,294
Waseca	1,044	1,027

1) 1979-80 Academic Year, Management Planning and Information Services (MPIS).

2) "Revised Headcount and FYE Enrollment Forecasts," MPIS, March 11, 1981. It is noted that the projected decreases for Crookston, Morris and Waseca are very small, and inconsequential in the sense that a critical mass of facilities is needed if small campuses (under 3,000 students) are to have minimally adequate facilities. In the case of Duluth, the projected decrease is greater. However, it is still moderate in scope and the data do not speak to a possible reversal after 1986.

EXPLANATION OF THE SAPORA/KENNEY AND TWO WISCONSIN STANDARDS

Sapora/Kenney

The Sapora/Kenney formula assumes a core enrollment of at least 3,000 students. Its calculations are based on what it refers to as an Applied Student Population (ASP), which is calculated by adding total undergraduate enrollment to 30 percent of graduate enrollment ($ASP = UG + .30 \times Grad$). Each student in the ASP is allocated 12 net assignable square feet (NASF) of indoor space. Sapora/Kenney breaks down the kinds of indoor space categorized in the first column areas measured in a 55:30:15 ratio. Type "A-1" space (55%) is composed of gymnasium areas with relatively high ceilings (22 ft. minimum). Type "A-2" space is composed of activity areas with relatively low ceilings (12 ft. minimum). Type "A-3" space is composed of swimming and diving pools. Handball and racquetball court requirements are calculated separately and are presented in terms of number of courts rather than in square footage. A figure equaling 35 percent of this total square footage is then added for ancillary space.

Wisconsin

The Wisconsin Standard assumes a core enrollment of 5,000, with this figure generating a minimum guideline of 68,000 NASF of indoor space. To this total, 9 NASF is added for each student above 5,000; 35 NASF for each physical education major (if any); and 20 NASF for each physical education minor (if any). The Wisconsin guideline is used for Duluth only.

Wisconsin--modified

The modified Wisconsin standard assumes a core enrollment of 1,000, with this figure generating a minimum guideline of 40,800 NASF of indoor space. To this total, 9 NASF is added for each student above 1,000; 35 NASF for each physical education major (if any); and 20 NASF for each physical education minor (if any). The modified Wisconsin guidelines, which were developed by the University of Minnesota Office of Space Programming and Management, is used for Crookston, Morris and Waseca. It is designed to meet the needs of smaller campuses.¹

Sapora/Kenney (outdoor)

Sapora/Kenney is the only standard used that provides an outdoor space guideline. It suggests 100 sq. ft. of outdoor space for each student in the ASP.

Sapora/Kenney breaks down indoor and outdoor space by type. This is made clear in tables later in this chapter.

1) A word about the needs of smaller campuses, defined here as those with under 3,000 students. Regardless of how small a campus is, it requires a critical mass of athletic facilities. A gymnasium and its supporting facilities, for example, must be of some minimum size if they are to be viable. For this reason, a well-known space standard, the Bareither method, is not used in this study. While Bareither generates a fair guideline for Duluth, it does not do so for Crookston, Morris and Waseca, as it does not incorporate the idea of critical mass.

Existing Indoor Athletic Space

Campus	Building	Activity Area	Seating	Service	Total (NASF)
Crookston	Knutson	11,677	2,123	1,550	13,227
	New Building				32,958
	TOTAL				46,185 ¹
Duluth	Physical Education Building	37,826	(7,810)	13,417	51,243
	Field House	38,377	-0-	166	38,543
	TOTAL				89,786
Morris	Physical Education Annex	6,750	-0-	4,837	11,587
	Physical Education Center	30,138	(642)	9,012	39,150
	Natatorium	12,450	(2,100)	1,632	14,082
	TOTAL				64,819 ²
Waseca	Physical Education Building	16,274	-0-	2,065	18,339
	TOTAL				18,339

1) A figure of 44,572 NASF is used in the Sapora/Kenney calculations because of that model's separation of handball and racquetball space from other activity areas.

2) A figure of 63,219 NASF is used in the Sapora/Kenney calculations because of that model's separation of handball and racquetball space from other activity areas.

Minimum core requirements for the two Wisconsin standards

	<u>5,000 Students¹</u>	<u>1,000 Students²</u>	
<u>Basic Gym 190' x 120'</u> Includes three basket- ball courts, one var- sity court & specta- tor seating	22,800 NASF	14,400 NASF	<u>Basic Gym 120' x 120'</u> Includes two basket- ball courts, one var- sity court & specta- tor seating
<u>Auxiliary Gym 100' x 100'</u>	10,000 NASF	10,000 NASF	<u>Auxiliary Gym 100' x 100'</u>
<u>Swimming Pool 140' x 85'</u>	11,900 NASF	7,000 NASF	<u>Swimming Pool 100' x 70'</u>
<u>Wrestling 50' x 100'</u>	5,000 NASF	--	<u>Wrestling (Use Auxiliary Gym)</u>
<u>Weight Training 30' x 50'</u>	1,500 NASF	600 NASF	<u>Weight Training 20' x 30'</u>
<u>Lockers & Showers</u> Men's Area - 60' x 45' Women's Area - 60' x 45'	5,400 NASF	2,700 NASF	<u>Lockers & Showers</u> Men's Area - 30' x 45' Women's Area - 30' x 45'
<u>Storage, Equipment & Training Room</u>	6,200 NASF	3,700 NASF	<u>Storage, Equipment & Training Room</u>
10% of above total			10% of above total
<u>Racquetball/Handball</u> 40' x 20' each Six courts and observa- tion area	5,200 NASF	2,400 NASF	<u>Racquetball/Handball</u> 40' x 20' each Three courts
TOTAL Requirements	68,000 NASF	40,800 NASF	

1) 5,000 student core requirement per University of Wisconsin standard.

2) 1,000 student core requirement per modified University of Wisconsin standard (developed by the University of Minnesota Office of Space Programming and Management).

Crookston (Sapora/Kenney) Indoor

Assigned Student Population	=	3,000 (core)
Assigned Student Population (core) $3,000 \times 12$ NASF	=	36,000 NASF
Ancillary $36,000 \times 35\%$	=	+12,600 NASF
Requirement	=	48,600 NASF
	Crookston has available	44,572 NASF
	Deviation	(4,028 NASF)
	Crookston has of standard	91%

Facilities Break Down Chart

Areas Measured	Campus Has (NASF)	Standard (NASF)	% Standard Campus Has	Comparison (NASF)
A-1 High Ceiling Gym Areas 55% ASP (core)	26,429	19,800	133%	6,629
A-2 Low Ceiling Activity Areas 30% ASP (core)	1,472	10,800	13%	(9,328)
A-3 Swimming & Diving Pools 15% ASP (core)	2,340	5,400	43%	(3,060)
Handball Racquetball	2 courts	4 courts	50%	(2 courts)
Ancillary 35%	14,331	12,600	113%	1,731

1) A figure of 44,572 NASF is used in the Sapora/Kenney calculations because of that model's separation of handball and racquetball space from other activity areas.

Crookston (Modified Wisconsin Standard) Indoor

Core (Students)	1,000	=	40,800 NASF
Above 1,000 (Students)	179 x 9	=	1,611 NASF
PE Majors	0 x 35	=	0 NASF
PE Minors	0 x 20	=	+ 0 NASF
Requirement		=	42,411 NASF
	Crookston has available		46,185 NASF
	Deviation		3,774 NASF
	Crookston has of standard		109%

Crookston (Sapora/Kenney Standard) Outdoor

Assigned Student Population (ASP)	3,000 x 100%	=	3,000
Requirement	3,000 x 100 s.f.	=	300,000

Facilities Break Down Chart

Areas Measured ¹	Campus Has (s.f.)	Standard (s.f.)	(%) Standard Campus Has	Comparison (s.f.)
Open Space				
60%	605,400	180,000	336%	425,400
Tennis Courts (Surrounding Area)				
15%	26,400	45,000	59%	(18,600) ²
Track, Football, Practice Football Fields	214,200 57,600			
25%	271,800	75,000	362%	196,800

1) Sapora/Kenney breaks down the kinds of outdoor space categorized in the first column in 60:15:25 ratio.

2) This translates into 3 tennis courts, given that each court and buffer area require approximately 5,544 s.f. (College and University Facilities Guide, p. 62).

Duluth (Sapora/Kenney) Indoor

Undergraduate Enrollment	7,047 x 100%	=	7,047
Graduate Enrollment	346 x 30%	=	+ 104
Assigned Student Population (ASP)		=	7,151
<hr/>			
Assigned Student Population (core)	7,151 x 12 NASF	=	85,812 NASF
Ancillary Requirement	85,812 x 35%	=	+30,034 NASF
		=	115,846 NASF
<hr/>			
	Duluth has available		89,736 NASF
	Deviation		(26,060 NASF)
	Duluth has of standard		78%
<hr/>			

Facilities Break Down Chart

Areas Measured	Campus Has (NASF)	Standard (NASF)	% Standard Campus Has	Comparison (NASF)
<hr/>				
A-1 High Ceiling Gym Areas				
55% ASP (core)	55,904	47,197	118%	8,707
<hr/>				
A-2 Low Ceiling Activity Areas				
30% ASP (core)	13,324	25,744	52%	(12,420)
<hr/>				
A-3 Swimming & Diving Pools				
15% ASP (core)	5,603	12,872	44%	(7,269)
<hr/>				
Handball Racquetball	0 courts	9 courts	0	(9 courts)
<hr/>				
Ancillary				
35%	14,955	30,034	50%	(15,079)
<hr/>				

Duluth (Wisconsin Standard) Indoor

Core (Students)	5,000	=	68,000 NASF
Above 5,000 (Students)	2,393 x 9	=	21,537 NASF
PE Majors	300 x 35	=	10,500 NASF
PE Minors	250 x 20	=	+ 5,000 NASF
Requirement		=	<u>105,037 NASF</u>
	Duluth has available		89,786 NASF
	Deviation		(15,251 NASF)
	Duluth has of standard		<u>85%</u>

Duluth (Sapora/Kenney Standard) Outdoor

Undergraduate Enrollment	7,047 x 100%	=	7,047
Graduate Enrollment	346 x 30%	=	+ 104
Assigned Student Population (ASP)		=	<u>7,151</u>
Requirement	7,151 x 100 s.f.	=	<u>715,100</u>

Facilities Break Down Chart

Areas Measured ¹	Campus Has (s.f.)	Standard (s.f.)	(%) Standard Campus Has	Comparison (s.f.)
General Rec Sports Fields	376,000	429,060	88%	(53,060)
Tennis Courts (Surrounding Area)	36,620	107,265	34%	(70,645) ¹
Track, Football, Practice Football Fields	175,300	178,775	98%	(3,475)

1) Thirteen tennis courts.

Morris (Sapora/Kenney) Indoor

Assigned Student Population (ASP)	=	3,000 (core)
Assigned Student Population (core) 3,000 x 12 NASF	=	36,000 NASF
Ancillary Requirement 36,000 x 35%	=	+12,600 NASF
	=	48,600 NASF
	Morris has available	63,219 NASF
	Deviation	14,619 NASF
	Morris has of standard	130%

Facilities Break Down Chart

Areas Measured ¹	Campus Has (NASF)	Standard (NASF)	% Standard Campus Has	Comparison (NASF)
A-1 High Ceiling Gym Areas 55% ASP (core)	33,284	19,800	168%	13,484
A-2 Low Ceiling Activity Areas 30% ASP (core)	2,004	10,800	19%	(8,796)
A-3 Swimming & Diving Pools 15% ASP (core)	12,450	5,400	231%	7,050
Handball Racquetball	2 courts	4 courts	50%	(2 courts)
Ancillary 35%	15,481	12,600	122%	1,956

1) A figure of 63,219 NASF is used in the Sapora/Kenney Calculations because of that model's separation of handball and racquetball space from other activity areas.

Morris (Modified Wisconsin Standard) Indoor

Core (Students)	1,000	=	40,800 NASF
Above 1,000 (Students)	642 x 9	=	5,778 NASF
PE Majors	99 x 35	=	3,565 NASF
PE Minors	0 x 20	=	+ 0 NASF
Requirement		=	50,143 NASF
	Morris has available		64,819 NASF
	Deviation		14,676 NASF
	Morris has of standard		129%

Morris (Sapora/Kenney Standard) Outdoor

Assigned Student Population (ASP)	3,000 x 100%	=	3,000
Requirement	3,000 x 100 s.f.	=	300,000

Facilities Break Down Chart

Areas Measured ¹	Campus Has (s.f.)	Standard (s.f.)	% Standard Campus Has	Comparison (s.f.)
Open Space				
60%	579,500	180,000	322%	399,500
Tennis Courts (Surrounding Area)				
15%	22,500	45,000	50%	(22,500) ¹
Golf Practice	220,500			
Football	182,700			
Track	136,000			
Football Practice	58,400			
25%	597,100	75,000	796%	522,100

1) Four tennis courts.

Waseca (Sapora/Kenney) Indoor

Assigned Student Population (ASP)	=	3,000 (core)
Assigned Student Population (core)	3,000 x 12 NASF =	36,000 NASF
Ancillary Requirement	36,000 x 35% =	+12,600 NASF
		<u>48,600 NASF</u>
	Waseca has available	18,339 NASF
	Deviation	(30,261 NASF)
	Waseca has of standard	38%

Facilities Break Down Chart

Areas Measured ¹	Campus Has (NASF)	Standard (NASF)	% Standard Campus Has	Comparison (NASF)
A-1 High Ceiling Gym Areas 55% ASP (core)	7,098	19,800	36%	(12,702)
A-2 Low Ceiling Activity Areas 30% ASP (core)	5,636	10,800	52%	(5,164)
A-3 Swimming & Diving Pools 15% ASP (core)	3,540	5,400	66%	(1,860)
Handball Racquetball	0 courts	4 courts	0	(4 courts)
Ancillary 35%	2,065	12,600	16	(10,535)

Waseca (Modified Wisconsin Standard) Indoor

Core (Students)	1,000	=	40,800 NASF
Above 1,000	123 x 9	=	1,107 NASF
PE Majors	0 x 35	=	0 NASF
PE Minors	0 x 20	=	+ 0 NASF
Requirement		=	<u>41,907 NASF</u>
	Waseca has available		18,339 NASF
	Deviation		(23,568 NASF)
	Waseca has of standard		44%

Waseca (Sapora/Kenney Standard) Outdoor

Assigned Student Population (ASP)	3,000 x 100%	=	3,000
Requirement	3,000 x 100 s.f.	=	300,000

Facilities Break Down Chart

Areas Measured	Campus Has (s.f.)	Standard (s.f.)	(%) Standard Campus Has	Comparison (s.f.)
Open Space				
60%	228,600	180,000	127%	48,600
Tennis Courts (Surrounding Area)				
75%	37,500	45,000	83%	(7,500) ¹
Football Practice				
25%	42,000	75,000	56%	(33,000)

1) Two tennis courts.

Minnesota State and Wisconsin Comparisons

The following comparative data are presented on a Net Assignable Square Foot (NASF) per student basis (i.e., $\frac{\text{NASF}}{\text{FTE Students}}$). As stated, a critical mass of athletic facilities is needed in order to provide even the most limited programs, it can be misleading to compare small and large campuses. For this reason, institutions are divided into two categories-- those above 3,000 students and those below--in the following comparisons of University of Minnesota facilities with those of the Minnesota State University System and the University of Wisconsin System.

Comparisons with the University of Wisconsin System (Indoor space)¹

Campuses Over 3,000 Students (FTE)

Institution	Students	Athletic Facilities	Area Per Student
UW LaCrosse ²	7,500	152,000 NASF	20.3 NASF
UW Oshkosh ²	8,600	152,381 NASF	17.7 NASF
UW River Falls ²	4,300	66,941 NASF	15.6 NASF
UW Parkside	3,300	46,173 NASF	14.0 NASF
UW Whitewater ²	8,000	104,928 NASF	13.1 NASF
Duluth²	6,967	89,786 NASF	12.9 NASF
UW Stout	7,000	54,000 NASF	7.7 NASF

Campuses Under 3,000 Students

Institution	Students	Athletic Facilities	Area Per Student
UW Superior ²	1,340	65,345 NASF	48.8 NASF
Crookston²	1,017	46,185 NASF	45.4 NASF
Morris²	1,513	53,232 NASF	35.2 NASF
Waseca	1,044	21,119 NASF	20.2 NASF
UW Green Bay	2,800	49,179 NASF	17.6 NASF

1) University of Wisconsin data compiled by the Office of Space Programming and Management, University of Wisconsin

2) Campuses with Physical Education Majors

Comparisons with the Minnesota State University System (Indoor space)¹

Campuses Over 3,000 Students (FTE)

Institution	Students	Athletic Facilities	Area Per Student
Bemidji ²	3,836	99,910 NASF	26.1 NASF
Winona ²	3,882	97,110 NASF	25.0 NASF
St. Cloud ²	9,051	209,000 NASF	23.1 NASF
Moorhead ²	5,671	116,475 NASF	20.5 NASF
Mankato ²	8,519	138,377 NASF	16.2 NASF
Duluth²	6,967	89,786 NASF	12.9 NASF

Campuses Under 3,000 Students

Institution	Students	Athletic Facilities	Area Per Student
Crookston²	1,017	46,185 NASF	45.4 NASF
Morris²	1,513	53,232 NASF	35.2 NASF
Southwest ²	1,661	57,903 NASF	34.9 NASF
Waseca	1,044	21,119 NASF	20.2 NASF

1) "Facilities Audit", Minnesota State University System, 1979.

2) Campuses with Physical Education majors.

Summary of the Sapora/Kenney calculations and those of the two Wisconsin models

and

Comparisons with sports facilities in the Wisconsin and Minnesota State University Systems

Crookston: The nearly completed physical education building brings Crookston just below the Sapora/Kenney indoor standard and just above the Modified Wisconsin model.

According to the Sapora/Kenney outdoor model, Crookston has adequate outdoor space.

In comparison with University of Wisconsin and Minnesota State University campuses under 3,000 students, Crookston ranks second and first, respectively, in terms of net square footage of indoor space per student.

Duluth: The Sapora/Kenney indoor and Wisconsin models show Duluth to be significantly short of indoor space.

According to the Sapora/Kenney outdoor model, Duluth lacks sufficient outdoor space.

NOTE: There often are poor matches between the kind of indoor space available at Crookston, Duluth, Morris and Waseca and that what the Sapora/Kenney indoor model recommends--this despite the fact that goals in the aggregate may correspond well with a campus' total space. In regards to the Sapora/Kenney outdoor model, each campus is deficient when it comes to tennis courts--this despite the fact that two campuses (Crookston and Morris) have substantially more outdoor space in the aggregate than what the model predicts. It should also be pointed out that none of these data, for either indoor or outdoor facilities, speak to the quality or appropriateness of space. This is a serious concern on a number of occasions, such as the inferior quality of much of Duluth's outdoor facilities.

In comparison with University of Wisconsin and Minnesota State University campuses over 3,000 students, Duluth ranks next-to-last and last, respectively, in terms of net square footage of indoor space per student.

Morris: The Sapora/Kenney indoor and Modified Wisconsin models show Morris to have adequate indoor space.

The Sapora/Kenney outdoor models shows Morris to have sufficient outdoor space.

In comparison with University of Wisconsin and Minnesota State University campuses under 3,000 students, Morris ranks in the middle of both tables in terms of net square footage of indoor space per student.

Waseca: The Sapora/Kenney indoor and Modified Wisconsin models show Waseca to have a very serious shortage of indoor space.

The Sapora/Kenney outdoor model shows that Waseca has a serious shortage of one type of outdoor space but a modest surplus in another type.

In comparison with University of Wisconsin and Minnesota State University campuses under 3,000 students, Waseca ranks next-to-last and last, respectively, in terms of net square footage of indoor space per student.

Programmatic Surveys

PROGRAMMATIC SURVEYS

In determining the adequacy of recreational sport and athletic facilities on the coordinate campuses, emphasis was placed on the specific needs of specific programs. The Study first examined programs and then facilities. Campus users and other officials were asked to describe and set priorities for each of their recreational sport, intercollegiate or physical education programs, paying particular attention to the adequacy of facilities used by each. Officials were also asked to note potential programs not currently due to inadequate facilities.

Examples follow of the two sets of forms that campus officials were asked to complete. They are self-explanatory, although it is helpful to note that the Programmatic Survey of Facilities Needs (PSFN) addressed current programs, while the Programmatic Survey--ADDENDUM (PS--A) focuses on programs that campuses would like to conduct but cannot because of inadequate facilities. Many copies of the PSFN were required, but only one, or a few, copies of the PS--A were needed for each campus.

Following samples of incompletd PSFNs and PS--As are the matrices used by the Physical Planning Office in summarizing the former and completed copies of the latter. Also included are brief narrative summaries for each campus.



UNIVERSITY OF MINNESOTA
TWIN CITIES

Physical Planning
503 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455
(612) 373-5765

January 22, 1981

TO: Athletic Facilities Study Team
FROM: Physical Planning Office
SUBJECT: Programmatic Survey of Facilities Needs (PSFN)

- (1) Campus _____
- (2) Program (e.g., intramural men's basketball, etc.) _____
- (3) Number of participants _____ per (year, quarter, etc.) _____
- (4) If a physical education program (as opposed to intramurals or intercollegiate athletics), weekly student contact hours _____
- (5) When during the year does this program run? _____
- (6) Hours a week devoted to this program during its season(s) _____
- (7) Facilities now used by this program _____

- (8a) Does the use of these facilities conflict -- to the point of curtailing this program -- with the needs of other programs? Yes _____ No _____
- (8b) If yes, what are these other programs? _____

- (8c) How is this program curtailed by this conflict? _____

- (9) Deficiencies in this program's facilities:
 - (a) Core facilities (e.g., inadequately-sized field(s), warped floor, etc.) _____

 - (b) Support facilities (e.g., insufficient lockers, insufficient storage space, etc.) _____

- (10) With respect to the facilities needs of existing programs, what priority would you give to meeting the needs of this program? (The total number of programs with needs should be divided evenly between high, medium and low.) _____
- (11) Additional information germane to this program and its facilities needs:

Programmatic Survey Sheet



UNIVERSITY OF MINNESOTA
TWIN CITIES

Physical Planning
503 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455
(612) 373-5765

January 22, 1981

TO: Athletic Facilities Study Team
FROM: Physical Planning Office
SUBJECT: Programmatic Survey--ADDENDUM (PS--A)

- (1) Campus _____
- (2) Is there a program(s) you would like to conduct but do not because of inadequate facilities? Yes _____ No _____
- (2a) If yes, what program(s)? _____

- (3) How do current facilities limitations preclude such a program(s)? _____

- (4) Remedies proposed by campus study team:
 - (a) Core facilities (e.g., gym, playing field, etc.) _____

 - (b) Support facilities (e.g., locker rooms, etc.) _____

- (5) What priority would you give to meeting the facilities needs of each of the programs listed in question 2b? (If more than one program, they should be divided evenly between high, medium and low.) _____
- (6) Describe facilities needs not addressed in terms of any specific program, either existing or proposed (e.g., laundry rooms, general storage space, lounges, etc.) _____

- (7) Remedies proposed by campus study team to meet these needs:
 - (a) New facilities _____

 - (b) Renovated facilities _____

- (8) What priority would you give to meeting each of the needs listed in question 6? (If more than one is mentioned, divide evenly between high, medium, and low.) _____
- (9) Additional information germane to questions 1 - 8. Include here any comments regarding facilities needs for non-organized recreational activities.

Programmatic Survey Sheet

Crookston

UNIVERSITY OF CROOKSTON

Narrative Summary of Programmatic Survey of Facilities Needs (PSFN)
and Programmatic Survey--ADDENDUM (PS--A)

PSFN: The highest priority is on programs that use the swimming pool. A high priority is also placed on athletic programs that bring large numbers of people to campus. Specifically, needs are identified in the areas of improved parking, restroom, concession and other facilities for people attending intercollegiate football and basketball games.

A new physical education center and fields are in the final stages of completion at Crookston, alleviating most programmatic difficulties.

The pool is small and its filtration and temperature control systems are inadequate. Swimmers must go through a locker room as there is no direct access to the pool. Because of this, the pool cannot be used when the locker room is occupied during athletic events.

Ice sports participants must use an ice facility in the City of Crookston as there is none on campus. The town arena lacks sufficient locker and storage space.

Tennis courts require lighting and windscreens to achieve optimal use. The softball and baseball fields require fencing and dugouts.

There is a need for increased parking and other improved support facilities. Specifically, there is inadequate parking space for popular athletic events as well as restroom facilities for guests of outdoor events. Also lacking are concession facilities, seating for football,

baseball, softball and track, and a press box.

PS--A: Crookston would like to conduct additional activities that would use a playground area for basketball, volleyball and practice tennis board; physical fitness trail; outdoor archery range; lighted outdoor skating area; horseshoe area; and a practice golf green and driving range.

(*) Campus: Crookston

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Priori- ty (10)	Comments (11)
REC SPORTS											
Men's hockeyball	180/YR	Wtr.	6	Downtown ice arena-rented	Yes	Arena schedule permits only two days of hockeyball	Cost (\$55/hour) & availability of arena	No indoor ice arena on campus		Med.	
Women's hockeyball	60/YR	Wtr.	6	See men's hockeyball	Yes	See men's hockeyball	See men's hockeyball	See men's hockeyball		Med.	
Men's water basketball	80/YR	Spr.	8	Swimming pool	No			Pool too small		Med.	
Women's water basketball	40/YR	Spr.	8	Swimming pool	No			Pool too small; not regulatory size		Med.	
Men's tennis	30/QTR	Fall Spr.	6	Outdoor courts & indoor courts in new gym	No			Need lighted courts & wind-screens		Med.	
Women's tennis	20/QTR	Fall Spr.	6	See men's tennis	No			See men's tennis		Med.	
Women's foosball	10/YR	Fall	3	Foosball tables in student center	No			Need more foosball tables		Low	
Women's billiards	10/YR	Fall	2	Pool tables in student center	No						
Men's foosball	20/YR	Fall	4	Foosball tables in student center	No			Need more foosball tables			
Men's basketball	150/YR	Wtr.	12	3 courts in new gym	No						
Men's ping pong	30/YR	Wtr.	4	Ping pong tables in Student Center	No						
Women's volleyball	80/YR	Wtr.	8	3 courts in new gym	No						
Men's volleyball	150/YR	Wtr.	8	3 courts in new gym	No						
Women's flag football	60/YR	Fall	12	Fields in new outdoor complex, specifically outfields of softball diamonds	No						
Men's flag football	120/YR	Fall		See women's flag football	No						
Women's basketball	50/YR	Wtr.	12	3 basketball courts in new gym	No						
Men's softball	200/YR	Spr.	12	Softball fields in new complex	No						
Women's softball	100/YR	Spr.	12	Softball fields in new complex	No						
Men's soccer	40/YR	Fall Spr.	4	Soccer fields in new complex	No						
Men's billiards	30/YR	Fall	4	Pool tables in Student Center	No						
INTERCOLLEGIATE											
Men's football	60-70 YR	Fall	15	Practice fields & football field in new complex	No			Shortage of parking; outdoor bathroom facilities; need for concessions, press box & seating for football & track. Flag pole		High	
Men's basketball	15/YR	Fall Wtr.	15	Basketball courts in new gym	No			More parking needed for large crowds. Most parking now taken by students and staff		High	
Women's basketball	15/YR	Fall Wtr.	15	Basketball courts in new gym	No			See men's basketball		High	

Programmatic Survey Sheet

(1) Campus: Crookston

Program (2)	Parti- cipants (3)	When (5)	Hrs. /wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Priori- ty (10)	Comments (11)
Men's wrestling	18/YR	Fall Wtr.	15	Wrestling room & old gym in Knutson Hall	No				See men's basketball	High	
Men's hockey	20/YR	Fall Wtr.	12	Ice arena in Crookston	No				Lack of adequate locker facilities & storage space at arena. Trans- portation & se- curity also a problem	Med.	Rent cost (\$55/hr) & the fact that arena off-campus creates some pro- blems
Men's baseball	18/YR	Spr.	12	Indoor batting cage in Knut- son gym & base- ball field in new outdoor complex	No			Lacks fencing & dugouts	Lacks outdoor bathroom facili- ties & bleachers	Med.	
Women's softball	18/YR	Spr.	12	Batting cage in Knutson gym plus soft- ball field in new outdoor complex	No			Lacks fencing & dugouts	Lacks outdoor bathroom facili- ties & bleachers	Med.	
Women's volley- ball	15/YR	Fall	15	Volleyball courts in new gym	No						
PHYSICAL EDUCATION											
Advanced life- saving (HPER 1631)	8/QTR	Wtr. Spr.	2	Swimming pool	No			No regulation pool; temperature control of water is difficult	Need for lockers so pool can be open when ath- letic events scheduled	High	Need new pool as present one quite old & may not last many more years
Swimmers (HPER 1621)	7/QTR	Fall Wtr. Spr.	2	Swimming pool	No			No regulation size; complaints of cold water	See advanced life- saving	High	No entrance directly into pool, must go through locker room
Bowling (HPER 1311)	42/QTR	Fall Wtr. Spr.	2	Bowling alley in Crookston	No					Med.	Teaching station off-campus; expense incurred by students; transportation a problem
Tennis (HPER 1331)	120/ QTR	Fall Spr.	2	Outdoor courts & indoor courts in gym	No			Need lighting for outdoor courts; windscreens		Med.	
Physical training (HPER 1461)	40/QTR	Fall Wtr. Spr.	2	Weight room & gymnasium	No						
First aid (HPER 1062)	120/ QTR	Fall Wtr. Spr.	2	Classroom in new facility	No						
Modern dance (HPER 1211)	26/YR	Wtr.	2	Gym	No						
Officiating Sports (HPER 1511)	16/QTR	Fall Wtr. Spr.	2	Classroom in new gym	No						
Volleyball (HPER 1321)	30/YR	Wtr.	2	Volleyball courts in new gym	No						

Programmatic Survey Sheet



UNIVERSITY OF MINNESOTA
TWIN CITIES

Physical Planning
503 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455
(612) 373-5765

January 22, 1981

TO: Athletic Facilities Study Team
FROM: Physical Planning Office
SUBJECT: Programmatic Survey--ADDENDUM (PS--A)

- (1) Campus Crookston
- (2) Is there a program(s) you would like to conduct but do not because of inadequate facilities? Yes X No _____
- (2a) If yes, what program(s)? 1. Playground area for basketball, volleyball and practice tennis board. 2. Physical fitness trail. 3. Outdoor archery.
4. Lighted outdoor skating area. 5. Horseshoe area. 6. Practice golf green and driving range.
- (3) How do current facilities limitations preclude such a program(s)? _____
Lack of financial resources to develop these areas.
- (4) Remedies proposed by campus study team:
(a) Core facilities (e.g., gym, playing field, etc.) Support
needed to finance the development of areas.
(b) Support facilities (e.g., locker rooms, etc.) _____
- (5) What priority would you give to meeting the facilities needs of each of the programs listed in question 2b? (If more than one program, they should be divided evenly between high, medium and low.) Number 1 and 2 high priority. Number 4 and 6 medium priority. Number 3 and 5 low priority.
- (6) Describe facilities needs not addressed in terms of any specific program, either existing or proposed (e.g., laundry rooms, general storage space, lounges, etc.)
Additional service and parking facilities.
- (7) Remedies proposed by campus study team to meet these needs:
(a) New facilities Financial support to expand parking lots.
(b) Renovated facilities _____
- (8) What priority would you give to meeting each of the needs listed in question 6? (If more than one is mentioned, divide evenly between high, medium, and low.)
High
- (9) Additional information germane to questions 1 - 8. Include here any comments regarding facilities needs for non-organized recreational activities.

Programmatic Survey Sheet

Duluth

Narrative Summary of Programmatic Survey of Facilities Needs (PSFN) and
Programmatic Survey--ADDENDUM (PS--A)

PSFN: Highest priority is on programs that use the following facilities: the gymnasium in the Physical Education Building and its support facilities (e.g., locker rooms and office space); pool; playing fields; indoor and outdoor tennis courts; classrooms in the Physical Education Building; and a number of facilities, such as that for weight training and the Human Performance Laboratory, that are located in the building's basement. In addition, a high priority is placed on two programs that are without current facilities on campus: those that would use an all-purpose ice arena, and handball and racquet sports that would use indoor courts.

The Physical Education Building is the second oldest building on campus and has not been renovated or remodeled. Enrollment was approximately 1,300 students at the time of construction; it is now more than 7,000. Adequate outdoor field space was never developed on campus.

In recent years recreational sport participation has more than tripled, credit hour generation in Physical Education, Health and Recreation has increased by 59%, and intercollegiate athletics has added ten new programs.

Inadequacies within the gymnasium pose difficult problems for recreational and other athletic programs. The gymnasium floor is badly warped and visibly undulant in places. The volleyball net may be several inches higher at one end than at the other. Gymnasium bleachers are also in need of repair.

Several programs are conducted in the gymnasium's basement, a space with noise

and climatic problems. For example, a training area is unprotected from the noise caused by the building's mechanical system. The Human Performance Laboratory of the Department of Health, Physical Education and Recreation is located in a part of the basement which has no ventilation, no windows and no temperature or humidity controls.

A major problem is the lack of sufficient locker room space; this places a burden on many programs. There is also a serious shortage of office space for faculty and staff.

The Physical Education Building also lacks handball and racquet courts, and sufficient storage space. The pool has filtration difficulties and, because of a lack of depth, the three-meter diving board was removed for safety reasons. The pool, in addition to being small, is inaccessible for individuals with handicaps and spectators.

Duluth does have an excellent field house, though users must rely on the inadequate locker facilities of the Physical Education Building.

The varsity hockey team has the use of excellent facilities at the Duluth Arena which is several miles from campus; however, there is no on-campus recreational ice facility and students must use community rinks, resulting at times in friction between the University and community.

As for outdoor facilities, areas used for athletic fields are not fields as such, but rather, lawns and similarly undeveloped spaces. These areas contain rocks, holes, poles, sidewalks, manhole covers and trees. They are also uneven in terrain, containing significant dips. There is no lighting or fencing. The uneven terrain also makes it difficult to raise a level ice sheet for ice skating and other ice sports.

Tennis programs are constrained by a limited number of outdoor courts-- which are in disrepair. The track is not metric and its runways need rehabilitation.

PS--A: Facility limitations prevent UMD from conducting a number of programs, many of which are ice or racquet sports.

Programs sought in rec sports are racquetball, handball, skating, curling, ice hockey and volleyball.

Intercollegiate programs are golf, field hockey, women's gymnastics, men's gymnastics and soccer.

Physical education programs are racquetball, handball, ice skating, figure skating, broomball, hockey and coaching hockey.

Program (2)	Parti- cipants (3)	When (5)	Hrs. /wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Priori- ty (10)	Comments
REC SPORTS											
Informal sports outdoor fields	30/50 HR	All Yr.	4/da	Outdoor foot- ball, soccer, softball fields; open areas	Yes	Intramural field sports; classes	Students have lit- tle time or space to participate informally	Footnote 1	Footnote 2	High	
Informal pool use	297/WK	All Yr.	31/wk	Pool	Yes	Varsity swim teams; classes	More hours desired by informal sport swimmers	Inadequate size; deteriorating walks; inadequate filter	Footnote 2	High	
Weight room	60/WK	All Yr.	54/wk	Weight room	Yes	Sport clubs, varsity teams, classes	Restricted hours by casual users; non-prime times must be used for informal use	Inadequate size; dangerous noise level; unsafe area	Footnote 2	High	
Gymnasia informal sports	50/HR	All Yr.	56/wk	Gym	Yes	Intramurals, varsity athletics, classes	Insufficient hours to meet demand	Warped floors; crowded & unsafe playing areas, insufficient space & design	Footnote 2	High	
IM basketball	923/YR	Fall Wtr.	20/wk	PE 100, 150, field house	Yes	Informal sports, other intramurals, varsity basketball (men & women), wrestling, volley- ball, extension classes	Number of games reduced	PE 100 - warped floors; inade- quate buffer zones	Footnote 2	High	Footnote 3
IM racquetball	27/QTR	Fall	4/wk	Private courts	Yes	Intramural & informal sports	Footnote 8	None available	None available	High	
IM soccer	389/ QTR	Fall	18/wk	One outdoor area	Yes	Intramural field sports, sports clubs, varsity football	Limited to one quarter, 2 desired hours limited	Footnote 7	Footnote 2	High	Footnote 6
IM broomball	1538/ QTR	Wtr.	28/wk	Two outdoor broomball areas	No			Footnote 9	Footnote 2	High	Expansion of tennis courts & lighting could make good ris- ing area for broomball (see ice hockey)
Floor hockey	923/ QTR	Spr.	25/wk	PE100	Yes	Informal sports, extension classes, physical educa- tion	Late hours must be scheduled. Games limited to fewer than demand sug- gests	Warped floor	Footnote 2	High	
IM ice hockey	233/ QTR	Wtr.	14/wk	Public-owned ice facilities				No on-campus ice facilities, in- door or outdoor, for hockey	Footnote 2	High	Footnote 4
IM touch football	1299/ QTR	Fall	16	Undeveloped fields	Yes	Varsity football, sports clubs, informal sports	Undesirable times; fewer games	Footnote 5	Footnote 2	High	Footnote 6
IM softball	2558/ QTR	Spr.	18-20	Five undevel- oped fields	Yes	IM & informal field sports; sports clubs, var- sity baseball & softball	Games reduced; scheduled when students not available	Footnote 7	Footnote 2	High	
Scuba club	23/QTR	All Yr.	4/wk	Pool & class- room	Yes	Varsity swim teams, classes, informal sports	Workout time in pool is restricted	Inadequate filtra- tion system; pool structure deteri- orating; poor access, no spec- tator space	Footnote 2	High	
Rugby club	47/QTR	Fall Wtr. Spr.		Outdoor fields & field house	Yes	Other sports clubs; informal sports, varsity sports	Restricted parti- cipation time & space	Inadequate num- ber of fields; hazardous playing surfaces; inade- quate buffer zones; unlighted playing field	Footnote 2	High	
Weight lifting & power lifting club	37/QTR	Fall Wtr. Spr.	10/wk	Weight train- ing room	Yes	Athletic training programs, classes, informal use	Times & equipment limited	Inadequate space, poor ventilation, dangerous noise level, unsafe conditions	Footnote 2	High	One of the largest conflict areas be- cause of needs of athletics, HPER, sports
Soccer club	45/QTR	Fall Wtr. Spr.	8/wk	Outdoor fields & field house	Yes	Intramural field sports, varsity football	Facilities must be used during unde- sirable times	Inadequate size fields, hazard- ous surfaces, inadequate buffer zones, unlighted	Footnote 2	High	Footnote 11
IM tennis	129/ QTR	Fall Wtr. Spr.	5/wk	Field house & outdoor courts	Yes	Track & field meets, tennis (men & women) women's volleyball team, other intramural & informal sports	Reduced hours available, non- prime scheduling	Outdoor courts cracked, uneven, no wind protec- tion, inadequate lighting, inade- quate number	No storage, insuf- ficient locker & shower space	Med.	Additional courts could provide sui- table for winter sports

Programmatic Survey Sheet

Program (2)	Parti- cipants (3)	When (5)	Hrs. /wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments
IM volleyball	741/ QTR	Fall Wtr.		PE 100, 150 Field house	Yes	Informal sports, varsity men's & women's basket- ball	Games scheduled at undesirable time causing super- visory problems	Warped floors, hazardous condi- tions because of crowded playing area	Footnote 2	Med.	
Water polo	59/QTR	Spr.	4/wk	Pool	Yes	Informal sports, varsity swim	Non-prime time hours must be used this limits participation	No spectator space. Also see Footnote 2		Med.	
Swim meet	30	Spr.	1 time event	Pool	Yes	Informal sports, classes & varsity swim teams	Undesirable time limits participa- tion	Diving area un- safe; pool not accessible to handicapped	No area for spectators ex- cept on deck. Also see Foot- note 2	Med.	
Darts club		Fall Wtr. Spr.	2/wk	Classroom area	No			Special needs gym area needed	Footnote 2	Med.	Club meets off cam- pus because of lack of suitable space on campus
Frisbee club	37/QTR	Fall Wtr. Spr.	2/wk	Field house	Yes	Informal sports; tennis, other club sports	Restricted hours		Footnote 2	Med.	
IM bowling	399/ QTR	Fall Wtr. Spr.	6/wk	Local private lanes	Yes	Intramural & informal sports	Facility cost & travel problems	Distance neces- sary to travel	Insufficient locker space	Low	
IM cross country run	75/YR	Fall	2 (1 time)	Outdoor	No				Footnote 2	Low	
Field house in- formal sports	45/HR	Fall Wtr. Spr.	56/wk	Field house	Yes	Intramurals, classes, varsity practices	Restricted hours & space for in- formal tennis		Footnote 2	Low	
IM badminton	26/QTR	Wtr.	1 tour- ney (16hrs)	PE 100	Yes	Informal sports	Area of gym must be closed off	Crowded, unsafe courts, warped floor	Footnote 2	Low	
IM golf	37/QTR	Fall	8 (1 time only)					Location		Low	
Cross-country ski race	23/QTR	Wtr.	1 time 2-3 hrs	Outdoor areas	No				Footnote 2	Low	
Slalom ski race	98/QTR	Wtr.	1 time 2-3 hrs	Local ski re- sort	No			Distance from campus; cost of participation	Footnote 2	Low	
Table tennis	37/QTR	Wtr.	1 time tour- ney 8/hrs	PE building lobby				Inadequate size; hazardous to traf- fic, moving lobby; ceiling low, slip- pery floor; poor lighting	Footnote 2	Low	General purpose areas should be available for safe play for sport, e.g., table tennis, aerobic dance, small group activity
Ultimate frisbee	70/QTR	Wtr. Spr.	1 time event 13/hrs	Field house	Yes	Informal sports	Round-robin com- petition can't be scheduled over a quarter		No area for spectators. Also see Footnote 2	Low	
Superstars	65/QTR	Spr.	1 time 14/hrs	Field house pool					Footnote 2	Low	
Martial arts club	145/ QTR	All Yr.	25/wk	PE 100, 150, 155, 24	Yes	Intramural sports, informal sports	Crowded practice areas, restricted times	Inadequate space	Footnote 2	Low	Special purpose area should be developed
Gymnastic club	20/QTR	Fall Wtr. Spr.	2/wk	PE 155	Yes	Varsity wrestling informal sports	Restricted times	Inadequate size and room design	Footnote 2	Low	
Volleyball club	27/QTR	Fall Wtr. Spr.	5/wk	PE 150 & field house	Yes	Informal sports, intramural sports	Limited space & undesirable times	Warped floors	Footnote 2	Low	
Fencing club	16/QTR	Fall Wtr. Spr.	3/wk	PE 24	No			Inadequate light- ing & ventilation safety hazards, dangerous noise level	Footnote 2	Low	
Informal tennis - outdoors	8/HR	Spr. Sum. Fall	50/wk	Outdoor tennis courts	Yes	Varsity teams, classes	Restricted hours & space for in- formal tennis	Cracked & uneven surfaces; too few courts	Footnote 2		
INTERCOLLEGIATE Basketball women	25/YR	Oct 15 Mar 1	15 Games	PE 150, PE 100 PE 140, PE 24 field house, locker room, training room	Yes	Men's basketball, volleyball, rec weight lifting	Practice time is reduced to accom- modate everyone, no JV program, weight program limited	Warped floor bleachers need repair, poor light- ing, gym 150 gets hot, difficult breathing	Insufficient lockers & locker room area & stor- age space; train- ing room facili- ties are poor, not enough toi- lets & hair dryers mirrors in incon- venient place		

Programmatic Survey Sheet

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments
Volleyball	40/YR	Aug 24- Dec 15	15+ Matches	Field house, Gym 100, PE 24, train- ing room (T.R.) locker room (L.R.)	Yes	Men's IC basket- ball, women's IC basketball, women's tennis team, foot- ball team, rec weight lifting	After Oct. 15, gym 100 is shared by volleyball, men & women basketball, football (all are in conflict with each other)	Warped gym floor	Insufficient lockers, locker room area, stor- age space, train- ing room, toilets, hair dryers/mir- rors		Gym floor not regula- tion for volleyball (warped), net falls 1 1/2-2" (low), poor light, insufficient lockers for visiting teams
Softball women	40/YR	Mar 1- May 15	15+ Games	Gym 100, gym 150, PE 24, field house, L.R., T.R., outdoor fields Wheeler Field	Yes	Other teams using field house (con- flicts) softball uses gym 100 & 150; limited space & overhead clear- ance	Limited soace	No outdoor prac- tice field, no on-campus game facility	Insufficient lockers, locker room, storage space, etc.		No outdoor practice game space available on campus
IC tennis - women	25/YR	Sept 1- Nov 1- Jan 1- May 15	12	Field house, T.R., L.R., outdoor tennis courts	Yes	Men's IC baseball men's IC tennis, men's IC track, women's IC track, rec sports tennis	Practice time re- duced to less than adequate	Outdoor courts- resurfacing, in- adequate number of indoor & out- door courts	Insufficient L.R. area, lockers, T.R. facility, secure area for visiting team, storage space, toilets, hair dryers, mirrors		
Women's IC skiing	40/YR	Oct 1- Mar 15	20	PE 24, PE 23, T.R., L.R., Spirit Mt., cross country trails	Yes	Rec sports, weight training	Reduces in & off season weight training program		Inadequate area for waxing skis, insufficient L.R. area, lockers, storage area, weight training facility & equip- ment, toilets, hair dryers, mirrors		
Women's IC swim- ming	28/YR	Oct 15- Mar 15	24	PE 50, PE 24, T.R., L.R., U. of Wisconsin Superior pool	Yes	Rec sports, weight training	Weight training program severely curtailed	No seating area in pool, no pub- lic access to pool, pool too shallow for 3 meter diving, no sound system, no timing system, diving board & fulcrum	Insufficient L.R. area, lockers, pool storage area, training room facility, weight training facility pool filter sys- tem, men's & women's practice		
Women's cross country	15/YR	Sept 1- Nov 15	30	PE 24	Yes	Rec sports weight training	See women's IC swimming		Insufficient L.R. area, lockers, training room facility & equip- ment, toilets, hair dryers, mir- rors		
Women's IC track	30/YR	in Dec 1- Feb 30 out Mar 1- May 15	15	Field house, PE 24, Griggs field track, T.R., L.R., gym 150	Yes	Men's IC baseball men's IC tennis, women's IC tennis, rec sports - weight training	Practice time re- duced to L.T., required weight training program curtailed	Outdoor track not metric, outdoor runways bad, no steeplechase	See women's cross country		
Men's IC basket- ball	45/YR	Oct 15- Mar 15	18	PE 100, PE 24 PE 136, field house, L.R. T.R.	Yes	Women's IC basket- ball rec weight lift	Practice time re- duced to L.T., required, weight training program curtailed, Junior varsity program virtually elimi- nated	Warped floor, bleachers - de- terioration, no press radio area, lighting	Inadequate film & team meet area, see women's cross country		No privacy for pre- game & half-time. No lockable area for visiting team, poor security.
Men's IC football	125/YR	Aug 20- Nov 15	25	Griggs Field, games, outdoor practice field PE 24, PE 165, T.R., L.R.	Yes	Outdoor rec sports rec weight lift- ing, weekend rec sports, L.R. must be closed on game days	Weight program curtailed, Junior varsity program limited due to field space limitations	Inadequate field space, no prac- tice goal posts, inadequate equip- ment, & limited space for its use	See women's cross country, inade- quate film & team meeting area, weight training facility & equip- ment		No secure, or large enough, area for visiting team
Men's IC baseball	65/YR	Jan 15- May 15		Field house, PE 24, L.R., T.R., outdoor fields, Wade Stadium	Yes	Men's IC track, women's IC track, women's IC tennis, women's IC tennis rec sports soft- ball, rec sports weight lifting	See men's IC bas- ketball	No outdoor prac- tice field, no on-campus game facility	See women's cross country, inade- quate weight training facility & equipment, inadequate & secure area for visit		No outdoor field to practice on
Men's IC swim- ming	35/YR	Oct 15- Feb 30	24	PE 50, PE 24, T.R., L.R., University of Wisconsin, Superior pool	Yes	Rec sports weight training	See men's IC basketball	See women's IC swimming	See women's IC swimming		Failing pool filter- ing system, rent University of Wisc- sin's pool, men's & women's practice together
Men's cross country	20/YR	Sept 1- Oct 30	30	PE 24	Yes	Rec sports weight training	Weight training program reduced		Insufficient L.R. area, lockers, T.R. facility, weight train facility & equip- ment		

Programmatic Survey Sheet

Program (2)	Parti- cipants (3)	When (5)	Hrs. /WK. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments (11)
Racquetball	437/YR	Sum. Fall Wtr. Spr.	12	Racquetball courts (at pri- vate club)	No			Courts not avail- able on campus, private club pro- vides facility on a year-to-year basis		High	Courts not available to students for use outside of class, without membership
Golf I	147/YR	Sum. Fall Spr.	4	Field house PE 100, out- side area	No			Develop outside area for golf course	Insufficient locker room areas limited storage	High	
Archery	118/YR	Fall Wtr. Spr.	4	PE 20	No			Poor lighting, no ventilation, high noise level from steam pipes	Limited storage space, no lockers for archery stu- dents	High	Archery range is an inadequate teaching station - at times its almost impossible to conduct class in this Location & size/area are prime deficienc- ies
Physical fitness	207/YR	Sum. Fall Wtr. Spr.	4	PE 24, field house	Yes	Academic courses in field house	Field house usage is, at times, not compatible with the activity using this facility	Inadequate size not designed for for classroom, noisy, no venti- lation, poor lighting	Insufficient storage for equipment, limit- ed locker room space	High	
Weight training	210/YR	Sum. Fall Wtr. Spr.	4	PE 24, weight room	Yes	Athletics, rec sports	See	Inadequate size, no ventilation, high noise level, not	Insufficient locker room area & support faci- lities inadequate storage	High	
Judo I	38/YR	Spr.	2	PE 155	Yes	Academic programs	Can be offered only one quarter per year	Too small	Limited storage space, locker room area too small, limited lockers	High	
Touch football	80/YR	Fall	4	Outside areas	No			Outside areas are unlevel, rough, two fields con- demned, inade- quate for educa- tional instruction	Insufficient locker room areas & support facility	High	Emergency measures must be employed to alleviate hazards of outside areas
Soccer I	41/YR	Fall	2	Outside areas	No			No soccer fields on campus, area totally inade- quate for educa- tional institu- tion	Overcrowding in locker room & support areas	High	Outside areas not properly designed for this activity
Basketball I & II	66/YR	Wtr.	2	PE 100	No			Warped floor	Poor locker space & storage facilities	High	
Softball I	105/YR	Sum.	4	Outside areas	No			Unofficial field size, no light- ing, course may not be offered in fall	Poor locker room & support faci- lities, no out- side storage areas	High	Safety hazards on fields, poor condi- tion
Motor learning	54/YR	Sum. Fall Wtr. Spr.	3	PE 21, motor learning lab, PE 136	No			Lab room has no ventilation, high heat, inadequate size, PE 136 inadequate	Insufficient storage	High	
Physiological application to sports	42/YR	Wtr. Spr.	3	PE 136 PE 270A	No			PE 136, temp- erature control problems & noise from PE 140, PE 270A - no heat & is too small	Insufficient storage	High	
Movement educa- tion	15/YR	Spr.	5	PE 150	No				Locker rooms & auxiliary faci- lity inadequate	High (lock- er rooms)	
Individual sports: theory and practice	54/YR	Fall	4	PE 100, PE 150 PE 145, out- side areas	No			PE 100 - warped floor, outside areas totally inadequate (some cases not safe)	Insufficient storage in class- room, locker room inadequate-over- crowded	High	
Team sports: theory practice	43/YR	Spr.	4	PE 100 outside areas	No			PE 100 - warped floor, outside - inadequate	Locker rooms & storage inade- quate	High	
Advanced human biomechanics	6/YR	Wtr.	3	PE 21	No			Lab - no venti- lation, too small, no temperature control	Insufficient storage	High	
Applied sports science	92/YR	Fall Wtr.	4	PE 165 training room	No			Training room inadequate, too small, not fully equipped	Insufficient storage space	High	Training room - small, poorly design- ed, no ventilation
Coaching swim- ming	17/YR	Wtr.	2	PE 136, PE 50 pool	No			Pool not official size, too shallow for 3 meter board poor acoustics & lighting	Poor storage in pool area	High	

Programmatic Survey Sheet

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (9a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments
Men's IC track	45/YR	in Dec 1 Feb 30 out Mar 1 May 15	15	Field house, PE 24, Griggs field track	Yes	Men's IC baseball men's IC tennis, women's IC tennis, rec sports weight	See men's cross country, practice time reduced to L.T. required	Outdoor track not metric, outdoor runways bad, no steeplechase	Usual complaints		
Men's IC golf	180/YR	Sept 1 Oct 15 Apr 1 15	20	Area golf course	No			Area needed to set up indoor ball hitting cage			
Men's IC tennis	35/YR	Jan 1- May 1	12	Field house outdoor tennis courts	Yes	Men's IC baseball women's IC tennis, men's & women's IC track, rec sports tennis	Practice time reduced to L.T. required	See women's IC tennis	See women's IC tennis		
Men's IC skiing	50/YR	Oct 1- Mar 15	20	PE 24, PE 23, Spirit Mt. cross country trails	Yes	Rec sports weight training	See men's cross country		See women's IC skiing		
Men's IC wrest- ling	35/YR	Oct 15- Feb 30	20	PE 155, PE 24, PE 100	Yes	Rec sports, weight training	Men's cross country	Inadequate square footage in prac- tice room, PE 155	Usual complaints		
Men's IC hockey	80/YR	Sept 15- Mar 15	20	Duluth area auditorium, PE 24	No						
PHYSICAL EDUCATION											
Standard first aid	433/YR	Spr. Fall Wtr. Sum.	8	PE 140	Yes	Academic courses in other depart- ments or colleges	Classroom is lim- iting, not able to set up proper environment	Room not easily converted, inade- quate size	In sufficient storage for equipment	High	First aid courses should be taught in a setting which can be quickly converted into an experiment learning lab
Advanced first aid	54/YR	Wtr. Spr.	3	PE 140	No			Room too small & inadequate	Inadequate stor- age space	High	
Cardiopulmonary resuscitation	153/YR	Spr. Wtr. Fall Sum.	4	PE 140	No			Inadequate size	Inadequate stor- age space	High	Impossible to convt classroom into prop- er learning envirc ment
Physiology of human activity	58/YR	Fall Wtr. Spr.	5	PE 140 & off- ice lab, PE 270	No			Classroom too small, lab has no internal source of heat, electric circuit not cap- able of carrying total voltage needed	Insufficient stor- age, actual toi- let stalls used for most of this space	High	Inadequate lab spac & associated proble
Swimming I	34/YR	Fall Wtr. Spr.	2	PE 50 (pool)	No			Pool not suited for beginning classes - too deep tile causes dis- coloration, inade- quate filtration system, limited handicapped access	Locker room inade- quate, poor access to pool, no stor- age space	High	In need of major remodeling ore rep
Swimming II	33/YR	Fall Wtr.	2	PE 50 (pool)	No			Same as above	Same as above	High	Same as above
Lifesaving I	59/YR	Fall Wtr. Spr.	2	PE 50 (pool) PE 170 (class- room)	No			Same as above (regulation pool)	Same as above (regulation pool)	High	Same as above
Lifesaving II	47/YR	Fall Wtr. Spr.	2	PE 50, PE 170	No			Same as above	Same as above	High	
Water safety instructor's course	54/YR	Spr. Fall Wtr. Spr.	2	PE 50	No			Save as above	Same as above	High	
Dynamics of aqua fitness	16/YR	Wtr.	2	PE 50	No			Same as above	Same as above no seating capa- city	High	
Badminton	88/YR	Fall Wtr.	2	PE 100	No			Gym floor is warped	Insufficient lockers, space insufficient, storage space	High	Floor condition pc in need of major renovation
Tennis I	384/YR	Sum. Fall Wtr. Spr.	12	Field house & outdoor tennis courts	Yes	Athletics	Could increase sections if courts were available in late afternoon	Field house courts limited, outdoor courts in need of resurfacing, lighting would increase usage	Insufficient stor- age & locker rooms	High	
Tennis II	93/YR	Fall Wtr. Spr.	3	Same as above	Yes	Athletics	Same as above	Same as above	Same as above	High	

Programmatic Survey Shee

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments (11)
Personal health	93/YR	Sum. Fall Wtr. Spr.	2	Chem 200	No					Med.	
Health care of the family	27/YR	Fall	2	PE 140	No					Med.	
Health science terminology	44/YR	Fall Spr.	2	PE 140	No			Classroom is too small for proper instruction		Med.	
Personal & com- munity health	561/YR	Spr. Fall Wtr. Sum.	3	Chem 200	No			Distance to Chem. 200 makes course difficult	No storage, materials trans- ported across campus	Med.	
Readings in health	21/YR	Spr. Fall Wtr. Sum.	3	PE 100	No			Inadequate class- room (office is the instruction setting)		Med.	
Consumers health education	40/YR	Spr. Fall Wtr.	3	PE 140	Yes	General purpose classroom, con- flicts with gen- eral academic programs	Time conflicts with other courses	More classrooms would help	Inadequate stor- age	Med.	Inadequate classroom space & area
Diseases of man	32/YR	Wtr.	3	PE 140	No			Classroom too small, general purpose class- room makes out- side class hours difficult		Med.	
Principle of sex education	48/YR	Fall Wtr.	3	PE 140	No			General purpose classroom, also appropriate		Med.	
Concepts of health education	25/YR	Spr.	5	PE 140				Room not always available for class work out- side regularly scheduled hour		Med.	
Strategies for health instruc- tion	23/YR	Fall Spr.	3	PE 140	No			General purpose classroom would be appropriate		Med.	
Independent study	6/YR	Sum. Fall Wtr. Spr.	3	Faculty office	No			Inadequate class- room space		Med.	
Field placement in health educa- tion	5/YR	Wtr. Spr.	10	Faculty office	No					Med.	
Health services administration	24/YR	Wtr.	3	PE 140	No			General purpose classroom		Med.	
Health planning	23/YR	Sum.	3	PE 140	No			Classroom small, scheduling		Med.	
Water safety	45/YR	Fall Wtr. Spr.	2	Pe 50, PE 170	Yes	Athletics	Limited classroom	See Swimming I	See Swimming I	Med.	
Ballroom dance	133/YR	Fall Wtr. Spr.	4	PE 145	No				Limited storage facilities for necessary instruc- tion aids	Med.	
Modern dance I	45/YR	Fall Spr.	2	PE 145	No				Limited storage	Med.	
Preadolescent consideration	94/YR	Fall Wtr. Spr.	4	PE 150, PE 100, PE 136	No			PE150 - inade- quate for this class, PE 100 - warped floor, adequate. PE 136 - warped floor, adequate, time conflicts	Lack of storage, locker room, space, inade- quate	Med.	
Bowling I	193/YR	Wtr. Sum.	2	Bowling lanes located off- campus	Yes	Outside groups, League bowling	Limited hours available for col. class	Off-campus faci- lity create transportation problems & limits students		Med.	
Cross country skiing I	137/YR	Wtr.	2	PE 97, outside areas	No			Inadequate light- ing, no ventila- tion, storage area	Lack of locker space	Med.	Priority seasonal
Sailing I & II	140/YR	Sum. Spr.	4	PE 170 off-campus	No			Classroom too small	Limited storage space	Med.	

Programmatic Survey Sheet

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments
Canoeing I	32/YR	Sum. Spr.	4	PE 50 Rock Lake	Yes	Academic aquatic classes		Pool is a poor teaching station because of limit- ed deck space	Limited storage	Med.	
Karate I & II	181/YR	Fall Wtr. Spr.	3	PE 150, PE 155					Insufficient locker & locker, room space	Med.	
Self defense	69/YR	Fall	4	PE 155	No			Limited size of classroom	Limited lockers & locker room areas	Med.	
Volleyball I	87/YR	Fall Spr.	4	PE 100 field house	No			Warped floor	Poor locker areas, storage areas	Med.	
Adapted physical education	70/YR	Spr.	3	PE 136	No			Inadequate size, poor air circula- tion	Insufficient storage	Med.	
Foundations of physical educa- tion	104/YR	Fall		PE 136	No			Inadequate class- room	No storage for instruction materials	Med.	
Teaching physical education	13/YR	Fall	5	PE 136, PE 100, PE 155	No			PE 136 - inade- quate, PE 100 - gym - warped floor, PE 155 - limited ventila- tion, too small	Insufficient storage	Med.	
Tests & measure- ments	38/YR	Spr.	3	PE 136	No			Inadequate temp- erature control, noise problems	Insufficient storage	Med.	
Foundations of adapted physical education	33/YR	Sum.	5	PE 136	No			Inadequate vent- ilation & air circulation	Insufficient storage	Med.	
Coaching track & field	19/YR	Fall Spr.	2	PE 136, field house, out- door track	No			Outdoor track, inadequate, poor curbs, field event areas	Insufficient storage area in field house	Med.	
Coaching football	24/YR	Spr. Fall	2	PE 170	No			Room too small for classes			
Readings in health	5/YR	Sum. Fall Wtr. Spr.	3	Faculty office							Low
Alternatives in drug abuse	9/YR	Spr.	3	PE 140	No						Low
Independent study	1/YR	Wtr.	3	Faculty office	No						Low
Folk dance	23/YR	Wtr.	2	PE 145	No				Insufficient storage		Low
Jazz dance	20/YR	Wtr.	2	PE 145	No				Insufficient storage		Low
Square dance I	26/YR	Fall	2	PE 145	No				Limited storage		Low
Alpine skiing I	112/YR	Wtr.	2	Spirit Mt. ski area	No			Excellent			Low
Fishing skiing I	24/YR	Fall Spr.	4	PE 170 PE 100 main gym	No				Insufficient storage spaces for equipment		Low
Techniques of relaxation	201/YR	Fall Wtr. Spr.	6	PE 145 dance studio	No			Size of studio	Insufficient storage		Low
Sport & am. society	250/YR	Fall Wtr. Spr.	3	HE 206	No			Classroom located approximately 5 minutes distance from physical education	Insufficient storage		Low
Human biomechan- ics	58/YR	Sum. Fall Wtr. Spr.	4	PE 104	No				Insufficient storage		Low
Performance assessment	35/YR	Sum. Wtr.	3	PE 136	No			Pe 136 inade- quate	Insufficient storage		Low
Fall outdoor rec	56/YR	Fall	4	Outdoor areas Rock Lake PE 50 - pool PE 165	No				Support facili- ties insufficient storage space for outdoor equipment		Low
Winter outdoor rec	122/YR	Wtr.	10	PE 165 outdoor areas	No				See above		Low
Spring outdoor rec	129/YR	Spr.	10	PE 165 PE 50	No				Insufficient storage		Low

Programmatic Survey Sheet

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments (11)
Outdoor rec	8/YR	Sum.	3	PE 165 outdoor areas	No					Low	Insufficient storage
Rec & leisure	96/YR	Fall Wtr. Spr.	3	PE 165	No					Low	
Rec & leisure programming	32/YR	Fall Wtr.	3	PE 165	No					Low	
Rec & leisure leadership	27/YR	Fall	3	PE 165	No					Low	
Rec management	12/YR	Wtr.	3	PE 165	No					Low	
Outdoor rec	17/YR	Spr.	3	PE 165	No					Low	
Camping	9/YR	Spr.	3	PE 165	No					Low	
Rec. practicum	19/YR	Fall Wtr. Spr. Sum.	3	PE 165	No					Low	
Psychological aspects of coach- ing	3/YR	Sum.	2	PE 136	No					Low	
Administrative aspects of coach- ing	38/YR	Fall	2	PE 136	No					Low	
Coaching basket- ball	29/YR	Wtr.	2	PE 136	No					Low	
Practicum in coaching	48/YR	Fall Wtr. Spr.	3	PE 136	No					Low	

Programmatic Survey Sheet

PSFN Footnotes

- 1) Unsafe fields because of rocks, poles, sidewalks, holes, manhole covers, trees, uneven terrain.
- 2) Insufficient lockers, locker rooms, showers, equipment storage and office space. Locker room and showers are not readily accessible to disabled individuals.
- 3) Lack of storage space results in potentially hazardous equipment being stored close to playing area. Increases in women in sports programs pose conflict on space use.
- 4) The northern Minnesota climate and the UMD academic year make winter sports extremely important. Most students know and enjoy skating. With no skating area on campus, students use local rinks and contribute to university-community problems. A multi-purpose ice facility is necessary to meet these needs.
- 5) Inadequately sized fields; unsafe fields with improper buffer zones. Hazards such as rocks, trees, manhole covers and uneven terrain.
- 6) Fencing is necessary to provide protection against liability and to secure the area to allow regeneration of vegetation. Lighting would reduce the amount of field space necessary by extending hours of use.
- 7) Unlighted fields, inadequately sized fields with no buffer zones, exposed rocks and rolling terrain, ruts, slippery areas, sidewalks, no fencing.
- 8) No on-campus courts. Time, energy and money must be expended to use non-university facilities during limited hours; individuals, therefore, choose not to participate.
- 9) Uneven terrain makes it difficult to raise a level ice sheet. Destruction of grass in areas where ice is located. Temporary boards and lighting.



UNIVERSITY OF MINNESOTA
TWIN CITIES

Physical Planning
503 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455
(612) 373-5765

January 22, 1981

TO: Athletic Facilities Study Team
FROM: Physical Planning Office
SUBJECT: Programmatic Survey--ADDENDUM (PS--A)

- (1) Campus Duluth Rec Sports
- (2) Is there a program(s) you would like to conduct but do not because of inadequate facilities? Yes X No
- (2a) If yes, what program(s)? Racquetball, handball, skating, curling, ice hockey, volleyball
- (3) How do current facilities limitations preclude such a program(s)? No courts exist for handball, racquetball. Facilities used for ice sports are off campus and usually unavailable and at high cost to participants. Transportation and costs are a factor in participation.
- (4) Remedies proposed by campus study team:
 - (a) Core facilities (e.g., gym, playing field, etc.) Multi-purpose recreational sports ice facility and racquetball/handball courts
 - (b) Support facilities (e.g., locker rooms, etc.) Lockers and locker rooms, showers, changing rooms, office space, storage space
- (5) What priority would you give to meeting the facilities needs of each of the programs listed in question 2b? (If more than one program, they should be divided evenly between high, medium and low.) Ice facility - high, racquetball/handball - medium
- (6) Describe facilities needs not addressed in terms of any specific program, either existing or proposed (e.g., laundry rooms, general storage space, lounges, etc.) Staff conference room, 6 office spaces and reception area, student lounge area, storage areas in each major facility, equipment room, locker rooms, shower rooms
- (7) Remedies proposed by campus study team to meet these needs:
 - (a) New facilities Multi-purpose recreational ice facility, racquetball - handball courts
 - (b) Renovated facilities Physical Education Building
- (8) What priority would you give to meeting each of the needs listed in question 6? If more than one is mentioned, divide evenly between high, medium, and low.) Locker rooms, office, storage - high; other areas - medium
- (9) Additional information germane to questions 1 - 8. Include here any comments regarding facilities needs for non-organized recreational activities.

Programmatic Survey Sheet



UNIVERSITY OF MINNESOTA
TWIN CITIES

Physical Planning
503 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455
(612) 373-5765

January 22, 1981

TO: Athletic Facilities Study Team
FROM: Physical Planning Office
SUBJECT: Programmatic Survey--ADDENDUM (PS--A)

- (1) Campus Duluth Intercollegiate Athletics
- (2) Is there a program(s) you would like to conduct but do not because of inadequate facilities? Yes X No
- (2a) If yes, what program(s)? Golf, field hockey, gymnastics (women), soccer, gymnastics (men)
- (3) How do current facilities limitations preclude such a program(s)? No outside golf area or inside space available for driving or putting; no outside playing field or field hockey; no space for storage of gymnastics equipment safely and no space for practice, no soccer field (outside) and crowded inside space.
- (4) Remedies proposed by campus study team:
- (a) Core facilities (e.g., gym, playing field, etc.) More gym space (more footage), outside field hockey field and soccer field.
- (b) Support facilities (e.g., locker rooms, etc.) Safe storage area for gymnastics that can easily store the equipment. More lockers and larger area for the lockers so the athletes have space to change in.
- (5) What priority would you give to meeting the facilities needs of each of the programs listed in question 2b? (If more than one program, they should be divided evenly between high, medium and low.) High - golf, soccer, medium - field hockey Low - gymnastics
- (6) Describe facilities needs not addressed in terms of any specific program, either existing or proposed (e.g., laundry rooms, general storage space, lounges, etc.) Laundry room area woefully inadequate and inaccessible to women (2) Equipment areas are very small and inefficient, with accessibility problems (3) There is a need for a separate athletic weight room to relieve tremendous pressure on
- (7) Continued below... Remedies proposed by campus study team to meet these needs:
- (a) New facilities Central laundry area with access to both men's and women's locker rooms; weight room also centrally located with access to both locker rooms; lounge
- (b) Renovated facilities Locker room and equipment room in locker room; general storage room
- (8) What priority would you give to meeting each of the needs listed in question 6? (If more than one is mentioned, divide evenly between high, medium, and low.) High - 2, 5 Medium - 1, 3 Low - 4
- (9) Additional information germane to questions 1 - 8. Include here any comments regarding facilities needs for non-organized recreational activities.
- existing facility (4) Space for visiting team is needed. More and more in women's athletics (especially basketball), male coaches are hired. In basketball pre-game and half-time meetings require a place for the coach and team to meet. He cannot go in the locker room.

Programmatic Survey Sheet



UNIVERSITY OF MINNESOTA
TWIN CITIES

Physical Planning
503 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455
(612) 373-5765

January 22, 1981

TO: Athletic Facilities Study Team
FROM: Physical Planning Office
SUBJECT: Programmatic Survey--ADDENDUM (PS--A)

- (1) Campus Duluth Physical Education
- (2) Is there a program(s) you would like to conduct but do not because of inadequate facilities? Yes X No _____
- (2a) If yes, what program(s)? Racquetball, handball

- (3) How do current facilities limitations preclude such a program(s)? No facilities on campus.

- (4) Remedies proposed by campus study team:
(a) Core facilities (e.g., gym, playing field, etc.) _____

(b) Support facilities (e.g., locker rooms, etc.) _____

- (5) What priority would you give to meeting the facilities needs of each of the programs listed in question 2b? (If more than one program, they should be divided evenly between high, medium and low.) High
- (6) Describe facilities needs not addressed in terms of any specific program, either existing or proposed (e.g., laundry rooms, general storage space, lounges, etc.)
Locker rooms, general storage space, laundry areas limited.

- (7) Remedies proposed by campus study team to meet these needs:
(a) New facilities _____

(b) Renovated facilities _____

- (8) What priority would you give to meeting each of the needs listed in question 6? If more than one is mentioned, divide evenly between high, medium, and low.)
Locker rooms, high; laundry rooms, medium; General storage, medium; Lounges, low.
- (9) Additional information germane to questions 1 - 8. Include here any comments regarding facilities needs for non-organized recreational activities.

Programmatic Survey Sheet



UNIVERSITY OF MINNESOTA
TWIN CITIES

Physical Planning
503 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455
(612) 373-5765

January 22, 1981

TO: Athletic Facilities Study Team
FROM: Physical Planning Office
SUBJECT: Programmatic Survey--ADDENDUM (PS--A)

- (1) Campus Duluth
- (2) Is there a program(s) you would like to conduct but do not because of inadequate facilities? Yes X No _____
- (2a) If yes, what program(s)? Ice skating, figure skating, broomball, hockey, coaching hockey.
- (3) How do current facilities limitations preclude such a program(s)? No facilities for these programs on campus, community facilities are not available.
- (4) Remedies proposed by campus study team:
- (a) Core facilities (e.g., gym, playing field, etc.) _____
- (b) Support facilities (e.g., locker rooms, etc.) _____
- (5) What priority would you give to meeting the facilities needs of each of the programs listed in question 2b? (If more than one program, they should be divided evenly between high, medium and low.) HIGH
- (6) Describe facilities needs not addressed in terms of any specific program, either existing or proposed (e.g., laundry rooms, general storage space, lounges, etc.)
General storage space limited, no lounges, locker rooms, laundry areas are limited.
- (7) Remedies proposed by campus study team to meet these needs:
- (a) New facilities _____
- (b) Renovated facilities _____
- (8) What priority would you give to meeting each of the needs listed in question 6? If more than one is mentioned, divide evenly between high, medium, and low.)
Locker rooms, high; Laundry rooms, medium; General storage, medium; Lounges, low.
- (9) Additional information germane to questions 1 - 8. Include here any comments regarding facilities needs for non-organized recreational activities.

Programmatic Survey Sheet

Morris

Narrative Summary of Programmatic Survey of Facilities Needs (PSFN) and Programmatic Survey--ADDENDUM (PS--A)

PSFN: The highest need is placed on programs that use the following facilities: The Physical Education Center; Physical Education Annex; and handball and racquet courts in the Physical Education Center. High priority is on programs for which currently there are no facilities; i.e., those that would use an indoor track and a three-hole golf course.

While current athletic facilities are some of the best in the University, and likely the State, several difficult scheduling conflicts persist. Student interest is high. In a recent survey, more than 90 percent of men and 85 percent of women expressed an interest in intramurals, and 60 percent of men and 55 percent of women expressed an interest in participating in intercollegiate athletics. In the spring of 1980, approximately 39 percent of the student body carried at least one physical education skill course.

A number of programs use the Physical Education Annex. Use of this facility presents conflicts between programs such as those in intramural basketball and volleyball among others. The Annex has undersized courts, and it has inadequate locker room and shower facilities. In fact, the building, which dates to 1930, is used mostly by Student Activities for dances and other special events. It has severe limitations as an athletic facility.

There is a shortage of indoor racquet courts (for handball, racquetball, etc.) and outdoor tennis courts. This poses scheduling problems.

The soccer field needs to be upgraded and there are insufficient softball fields. A number of programs, such as intramural soccer, are limited by lack of field lighting.

The lack of an indoor track increases conflict between track and other activities in the Physical Education Center, particularly in the winter. There is also a space problem for gymnastics apparatus in the Physical Education Center.

Morris has a golf practice area that is in a rudimentary stage of development. A three-hole golf area could be developed for instructional and recreational use with minor grading and the development of grass greens.

PS--A: Morris seeks an indoor ice rink in order to conduct intercollegiate and intramural ice hockey programs. A field house is also envisioned. Most of the deficiencies and programmatic needs for indoor facilities could be met by a carefully planned field house that has always been a part of the long-range plan for the Physical Education and Athletic Center on the Morris Campus.

(1) Campus: Morris

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments
REC SPORTS											
Recreational racquetball	280/WK	Fall Wtr. Spr.	70	Racquetball courts	Yes	Constant competition for courts makes scheduling hard		Insufficient number of courts		High	
Co-ed volleyball	80/YR	Wtr. Fall	5	PE annex	Yes	Men's varsity soccer team, women's volleyball & co-ed, basketball IH teams	Scheduling conflicts, hours curtailed	Non-regulation court	Lockers & showers unusable (annex)	High	
Co-ed basketball	120/YR	Fall Wtr.	8	PE center PE annex	Yes	PE annex - men's varsity soccer teams, women's volleyball, co-ed volleyball IH teams	Scheduling conflicts	Non-regulation court (annex)	Lockers & showers unusable	High	
Co-ed softball	300/YR	Spr.	16	Softball fields	Yes	Men's & city IM softball	Scheduling	Lack of lighting		High	
Women's volleyball	100/YR	Wtr. Fall	4	PE center	Yes	Men's varsity soccer team, women's volleyball, co-ed basketball, co-ed volleyball	Scheduling hours curtailed	Non-regulation court	Lockers & showers unusable	High	
Women's basketball	80/YR	Wtr.	4	PE annex	Yes	Men's varsity soccer team, women's volleyball, co-ed basketball, co-ed volleyball	Hours	Non-regulation court	Poor locker facilities, showers	High	
Men's softball	150/YR	Spr.	12	Softball fields	Yes	Co-ed & city IM teams	Scheduling	Insufficient regulation fields		High	
Club soccer	30/YR	Fall Spr.	6	Practice field	No			Needs regulation lighted field		Med.	
Recreational tennis	420/YR	Spr. Fall	10	Tennis courts	Yes	Conflicts with men's & women's IC teams	Scheduling conflicts	Insufficient number of courts		Med.	
Co-ed football	180/YR	Fall	12	Practice fields	Yes	Men's IM football	Scheduling	Approaching limit of teams with current fields	Non-regulation fields use softball fields	Med.	
Women's softball	65/YR	Spr.	3	Practice field main softball field	Yes	Men's & co-ed softball teams, "make-shift" field used men's soccer		Insufficient regulation fields		Med.	
Women's racquetball	18/YR	Wtr. Spr. Fall	15	Racquetball courts	Yes	Constant competition for courts		Lack of courts		Med.	
Men's racquetball	30/YR	Wtr.	7.5	Racquetball courts	Yes	See above		Lack of courts		Med.	
Flag football	150/YR	Fall	12	Softball fields Practice fields	Yes	Co-ed IM football	Scheduling	Lack of regulation light fields		Med.	
Men's basketball	250/YR	Wtr.	10	PE center	Yes	Men's & women's collegiate basketball teams	Scheduling	Added floor space needed		Med.	
Co-ed broomball	80/YR	Wtr.	8	UMM rink	No			Lack of lighting		Low	
Open PE facility	500/ 700/WK	Fall Wtr. Spr.	40	Main & multi-purpose system, weight training, indoor track, exercise	No					Low	
Club softball women's	25/YR	Spr.	10	Softball fields PE center	No					Low	
Community swimming	60/YR	Fall Wtr. Spr.	78	UMM pool	No					Low	
Co-ed rec swimming	200/WK	Fall Wtr. Spr.	26	UMM pool	No					Low	
Women's football	30/YR	Fall	8	Practice fields	No					Low	
Men's wrestling	30/YR	Wtr. Fall		PE center	No					Low	
INTERCOLLEGIATE Track & Field women's	8/YR	Wtr. Spr.	15	PE center UMM track	Yes	Men's & women's basketball, volleyball, men's track & field, scheduling		Need indoor track		High	

Programmatic Survey Sheet

(1) Campus: Morris

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments
Track & field	17/YR	Wtr. Spr.	15	PE center	Yes	See track & field women's		Need indoor track		High	
IC baseball men's	39/YR	Wtr. Spr.	20	Baseball field PE center, PE annex	Yes	Men's & women's basketball, volley ball, track & field, scheduling ill	Practice time shortened			High	
IC volleyball women's	20/YR	Fall	15	PE center	Yes	See IC baseball men's	See IC baseball men's	Floor sapce needed		High	
IC basketball women's	24/YR	Wtr. Fall	15	PE center	Yes	Men's basketbal ball, volleyball, baseball, men's & women's track & field, scheduling	See above	See above		High	
Tennis men's	8/YR	Spr.	15	Courts, PE center, city courts	Yes	Men's & women's tennis teams	See above	Need three additional enclosed courts		High	
Tennis women's	12/YR	Spr.	15	PE center courts, city courts	Yes	Men's & women's tennis teams	Shortened practice time	Need three additional enclosed courts		High	
Basketball men's	13/YR	Fall Wtr.	15	PE center	Yes	Women's basket- ball, volleyball, basketball, men's & women's track	See above	Additional floor space		High	
Football men's	74/YR	Fall	20	Practice fields game field, PE center	No			Lighting for fields		Med.	
Golf men's	8/YR	Fall Spr.	20	Practice field, PE center, city golf field	No					Low	
Wrestling men's	17/YR	Fall Wtr.	15	PE center	No					Low	
Swimming women's	None Temp. Canc.	Wtr. Fall	15	Pool	No					Low	
Cross country men's	3/YR	Fall	15	PE center, track, campus grounds	No					Low	
PHYSICAL EDUCATION											
PE track & field	17/YR	Spr.	5	PE center track	No			Indoor track		High	
PE golf	29/YR	Fall Spr.	4	PE center, practice field	No			Improve three hole course on campus		High	
Racquetball	52/YR	Fall Wtr. Spr.	5-10	PE center	Yes	Rec community & IM teams	Scheduling	Need 2 - 4 additional courts		High	
Handball	Temp. Canc.	Wtr. Fall	5	PE center	Yes	See above	See above			High	
Tennis	53/YR	Fall Spr.	10	Courts, PE center	No			Need additional enclosed courts		High	
PE skating	20/YR	Wtr.	5	Hockey rink, PE center	No			Needs enclosed rink		Med.	
Soccer	13/YR	Fall	5	PE center, practice field	No			Improve soccer field		Med.	
Stunts & tumbling	7/YR	Spr. Wtr.	5	PE center	No			Limited space for apparatus		Med.	
Gymnastics apparatus	6/YR	Spr. Wtr.	5	PE center	No			See above		Med.	
PE - NSI (1154)	25/YR	Wtr.	30	Pool	No					Low	
PE skiing	20/YR	Wtr.	7	Campus grounds, Powder Ridge resort	No					Low	
PE scuba & skin diving	17/YR	Wtr.	4	Pool	No					Low	
PE skill block I	29/YR	Fall	10	PE center	No					Low	
PE skill block II	26/YR	Wtr.	10	PE center	No					Low	
PE skill block III	27/YR	Spr.	10	PE center	No					Low	
PE social dance	34/YR	Wtr.	5	PE annex	No					Low	

Programmatic Survey Shee

() Campus: Morris

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Pri- ority (10)	Comments (11)
PE square dancing	13/YR	Fall	5	PE annex	No					Low	
PE modern dance	21/YR	Spr.	5	PE annex	No					Low	
PE folk dance	3/YR	Fall	5	PE annex	No					Low	
PE beginning swimming	73/YR	Fall Wtr. Spr.	10	PEC pool	No					Low	
PE intermediate swimming	85/YR	Fall Wtr. Spr.	10	PEC pool	No						
PE advanced swimming	19/YR	Fall Spr.	5	PEC pool	No						
PE senior life-saving	24/YR	Fall Spr.	5	PEC pool	No					Low	
Beginning springboard diving	19/YR	Spr.	5	PEC pool	No					Low	
Flag football	15/YR	Fall	5	PEC softball field	No					Low	
Basketball	15/YR	Fall	10	PEC	No					Low	
Wrestling	1/YR	Wtr.	5	PEC	No					Low	
Games of H/L organization	16/YR	Wtr.	5	PEC	No					Low	
Elementary rhythms	17/YR	Wtr.	5	PEC	No					Low	
Perceptual motor learning	Temp. Canc.	Wtr.	5	PEC	No					Low	
Movement education	20/YR	Wtr.	5	PEC	No					Low	
Volleyball	27/YR	Wtr.	10	PEC	No					Low	
Softball	50/YR	Spr.	10	PEC softball field	No					Low	
Field hockey	5/YR	Fall	5	PEC	No					Low	
Speedball	1/YR	Fall	5	PEC	No					Low	
Archery	44/YR	Fall Spr.	5	PEC	No					Low	
Bowling	55/YR	Fall Wtr.	4	Morris City bowling alley	No					Low	
Badminton	47/YR	Fall Spr.	5	PEC	No					Low	
Body conditioning	37/YR	Spr.	10	PEC	No					Low	
Rec games	27/YR	Spr.	5	PEC	No					Low	

Programmatic Survey Sheet



UNIVERSITY OF MINNESOTA
TWIN CITIES

Physical Planning
503 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455
(612) 373-5765

January 22, 1981

TO: Athletic Facilities Study Team
FROM: Physical Planning Office
SUBJECT: Programmatic Survey--ADDENDUM (PS--A)

- (1) Campus Morris
- (2) Is there a program(s) you would like to conduct but do not because of inadequate facilities? Yes X No _____
- (2a) If yes, what program(s)? Men's intercollegiate hockey, men's intramural hockey
- (3) How do current facilities limitations preclude such a program(s)? Lack of indoor ice rink.
- (4) Remedies proposed by campus study team:
- (a) Core facilities (e.g., gym, playing field, etc.) Enclosed ice rink, field house, and at least six enclosed tennis courts.
- (b) Support facilities (e.g., locker rooms, etc.) N/A
- (5) What priority would you give to meeting the facilities needs of each of the programs listed in question 2b? (If more than one program, they should be divided evenly between high, medium and low.) Field house - high; tennis courts - high
- (6) Describe facilities needs not addressed in terms of any specific program, either existing or proposed (e.g., laundry rooms, general storage space, lounges, etc.) N/A
- (7) Remedies proposed by campus study team to meet these needs:
- (a) New facilities N/A
- (b) Renovated facilities N/A
- (8) What priority would you give to meeting each of the needs listed in question 6? If more than one is mentioned, divide evenly between high, medium, and low.) N/A
- (9) Additional information germane to questions 1 - 8. Include here any comments regarding facilities needs for non-organized recreational activities.
- Simply stated, the facilities for intercollegiate, intramural, and recreational sports on the UMM campus are first-rate; nevertheless, because of the small rural community, the campus must meet all of the recreational needs of the student body and assist with meeting community needs as well. Problems and deficiencies are interactive rather than isolated with the exception of tennis, hockey, racquetball, and indoor track. The construction of a first-rate field house would meet a wide variety of needs.

Programmatic Survey Sheet

Waseca

Narrative Summary of Programmatic Survey of Facilities Needs (PSFN) and
Programmatic Survey--ADDENDUM (PS--a)

PSFN: Highest priority is placed on programs that use the gymnasium and related support facilities (e.g., locker and training rooms), and track facilities (which must be borrowed at present). The gym is not regulation size (84' x 50' rather than 94' x 50') which contributes to restricted use by various programs, including limited free-play time. For example, it would be a safety hazard if basketball courts were laid out cross-wise because of the closeness of the bleachers. As a result, only one intramural game can be played at a time.

Student participation in intramural activities generally has increased nearly eight-fold since 1971-72.

Regarding the gymnasium's role in intercollegiate athletics, there is a serious conflict in its use. In the case of basketball, men's and women's teams must divide practice times between 4 and 8 p.m. This results in students not getting to their academic work until well into the evening.

The gym has inadequate classroom space which places special burdens on the physical education program.

Locker space is inadequate and this results in visiting teams sharing the same locker room with UMW teams.

The gymnasium lacks courts for handball and racquet sports and an adequately-sized wrestling room. Training room, laundry room and storage facilities

also are lacking.

In terms of programs using outdoor facilities, the campus lacks an outdoor (as well as indoor) track and a game football field. In both sports, community facilities must be used and, in the instance of football, adverse weather can limit the college's use of the community field.

Improvements currently are being made in the campus' outdoor fields. These will enhance, for example, the intramural program.

PS--A: The Waseca analysis does not cite the need for new programs; however, in terms of facilities required by non-organized recreational activities, there is an interest in a campus jogging and exercise trail.

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (1g)	Comments (1h)
REC SPORTS											
Men's 5 person basketball	139/YR	Wtr.		Gym	Yes	Men's intercollegiate basketball; women's intramural volleyball (Wtr. Qtr.)	Footnote W-1	Gym too small	Insufficient locker space	High	Footnote W-1
Co-ed badminton	5/YR	Wtr. (2 wks)	3-4	Gym	No			Courts too close to wall - safety		Med.	Students schedule when gym
Co-ed paddleball	6/YR	Wtr. (2 wks)	3-4	Gym	No			Need 4-wall paddleball courts to eliminate possible safety problem of 1-wall game		Med.	Students normally schedule when free hours in daily schedule
Co-ed volleyball	116/YR	Fall Sum.	12-15	Gym	Yes	Men's intercollegiate basketball; women's intercollegiate volleyball	Students forced to play late evenings; schedules reduced	Too few courts		Med.	
Women's rec volleyball	60/YR	Wtr.		Gym	Yes	Men's intercollegiate basketball; women's intercollegiate basketball; men's rec. basketball	Late scheduling; reduced schedule			Med.	
Co-ed 8-ball pool	24/YR	Wtr.	4	Student union	No						
Men's 3-person basketball	127/YR	Fall (3 wks)	12-15	Gym	No						
Co-ed bowling	64/YR	Spr. Wtr. Fall	3	Community lanes	No						
Co-ed fishing contest	8/YR	Spr.	4 total	Clear Lake	No						
Men's floor hockey	71/YR	Spr.	6-8 (5wks)	Gym	No						
Men's touch football	148/YR	Fall	12	Rec sports football fields	No			No lights	Insufficient locker space	None	New rec fields should provide playing area next year
Co-ed free-throw contest	18/YR	Wtr. (1 da)	3 hrs total	Gym	No						
Co-ed softball	375/YR	Sum. Spr.	12-16	Softball fields	No						Biggest rec activity; some will play on both co-ed & men teams
Men's softball	29/YR	Spr. Sum.	12-16	Rec sports softball fields	No			Fields need some upgrading; could use lights for night play			The new field will aid program by adding 2 fields for rec sports
Rec swimming	120-150/WK	All Yr.	8-12	Pool	No				Insufficient space		
Co-ed tennis	21/YR	Fall Spr. Sum.	4-6 for 2-3 wk per	Tennis courts	No						
Co-ed track meet	10/YR	Spr. 1 day	4-5	High school track							
Men's wrestling	46/YR	Wtr.	6-8	Wrestling room & gym	No						
INTERCOLLEGIATE											
Men's IC basketball	14/YR	Oct- Feb	12-14	Gym & training room	Yes	Women's basketball; rec sports volleyball; women's volleyball	Men's & women's basketball share same facility; volleyball & men's basketball seasons overlap causing late practice	Inadequate floor size (34' x 50'); not regulation in adequate spectator seating	Insufficient locker space opposing teams must use same locker room with UMN teams	High	Footnote W-2
Women's IC basketball	11/YR	Nov- Feb	10-14	Gym	Yes	Men's basketball; rec sports basketball & volleyball	See men's IC basketball	See men's IC basketball	Insufficient locker space; inadequate storage space	High	Footnote W-2

Programmatic Survey Sheet

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments (11)
Women's softball	17/YR	Mar- May	10/14	Gym, softball field, community softball field	Yes	Men's & women's track; golf	Softball & track normally share gym for practice	Gym too small for indoor practice	Insufficient locker space; training room inadequate	High	
Men's track	25/YR	Jan- June	10-15	Community tracks	Yes	Intercollegiate golf; women's volleyball	Shortened or non-existing practices; some practice area at various sites on campus	No outdoor track; no indoor track	Insufficient locker space laundry & training room share same room	High	Footnote W-5
Women's track	11/YR	Jan- June	10-14	Gym, basement, learning resource center	Yes	Intercollegiate golf; women's softball	See men's track	See men's track	Insufficient locker space	High	Footnote W-5
Men's football	42/YR	Fall	13-32 Ave: 19	UMW practice fields; community football field	Yes	Women's volleyball	Practice usually cancelled in bad weather; gym occupied by women's volleyball	No game-sized field on campus	Insufficient locker space for home & visiting teams dress in gym as women's dressing area invaded	Med.	Footnote S-3
Men's golf	6/YR	Spr. Mar- May	10-12	Community golf course & gym	Yes	Men's & women's track; women's softball	Golfers must practice individually during class day	Gym shared with golf, track, softball teams in early spring	Insufficient locker space; laundry & training room	Low	Footnote W-4
Men's wrestling	15/YR	Nov Mar	10-14	Gym & training room	No			Inadequate size room (30' x 48'); 80' x 80' recommended	Insufficient locker room; laundry & training rooms	Low	
Men's cross country	10/YR	Sept- Nov	10-15	Area golf course, etc.	No				Insufficient locker room space; laundry & training rooms		
Women's cross	5/YR	Sept- Nov	10-15	Area golf courses, etc.	No				See men's cross country		
Women's volleyball	17/YR	Sept- Nov	10-14	Gym, training room; women's locker room	No				Insufficient locker space; training & laundry room; storage space		Three teams often use women's locker rooms during volleyball season
PHYSICAL EDUCATION											
Badminton	150/YR	Fall Wtr.		Gym	No			Inadequately sized courts; safety problem because of closeness of back walls; no adequate classroom space		Med.	One of the largest & popular physical education activity courses
Paddleboard	138/YR	Fall Wtr.		Gym	No			Need for 4-wall courts; potential safety hazards; inadequate classroom space		Med.	Very popular activity course
Beginning archery	162/YR	All Yr.		Physical education building basement				No outdoor archery range; inadequate classroom space		Low	
Intermediate archery	64/YR	All Yr.		Physical education building basement				See beginning archery		Low	
Exercise for life	25/YR	Spr.		Basement physical education building	No			Need for weight training room & exercise-therapy room; no classroom space		Low	
Bowling	126/YR	Fall Wtr.		Community bowling center	No			No adequate classroom space			
Canoeing	68/YR	Spr. Sum.		Loon Lake	No			No adequate classroom space			
Dance	139/YR	Wtr. Fall		Gym	No			Inadequate classroom space			
Beginning golf	43/YR	Spr. Fall		Gym	No			Inadequate classroom space			
Intermediate golf	7/YR	Spr.		Gym, community golf course	No			Inadequate classroom space			

Programmatic Survey Sheet

(1) Campus: Waseca

Program (2)	Parti- cipants (3)	When (5)	Hrs. /Wk. (6)	Facilities (7)	Con- flict (8a)	Conflict with (8b)	How Program Curtailed (8c)	Deficiencies Core (9a)	Support (9b)	Prior- ity (10)	Comments
Senior lifesaving	19/YR	Spr.		Swimming pool	no			Inadequate class- room space			
Cross-country skiing	77/YR	Wtr.		Gym, outside area	no			Inadequate class- room space			
Downhill skiing	61/YR	Wtr. (4 wk ses- sions)	4	Mt. Kato, Markato	no			Inadequate class- room space			
Softball	32/YR	Spr. Sum.		Softball field	no			Inadequate class- room space			
Advanced swim- ming	5/YR	Sum. Fall		Swimming pool	no			Inadequate class- room space			
Beginning swim- ming	112/YR	Sum. Fall Wtr. Spr.		Swimming pool	no			Inadequate class- room space			
Beginning tennis	154/YR	Spr. Sum. Fall		Tennis courts	no			Inadequate class- room space			
Intermediate tennis	75/YR				No			Inadequate class- room space			
Volleyball	58/YR								Insufficient locker space	None	

Programmatic Survey Sheet

PSFN Footnotes

- 1) Because of safety hazards, only one game per hour is played on the main court. Using the courts cross-wise presents a dangerous situation because of the closeness of the bleachers. This limits play and results in students having to play from 8-11 p.m. This cuts out almost all free play in the gym proper.
- 2) Men's and women's basketball teams share the same facility. Men and women practice from 4-8 p.m. daily, with the two teams alternating depending on class schedules, games, etc. Women's volleyball conflicts with men's basketball.
- 3) Campus officials would like to develop the college's practice field into an intercollegiate football game field with the addition of a scoreboard, bleachers and crowd control devices. If weather conditions are adverse, the community football field cannot be used because of school district policy.
- 4) Because of the large number of late laboratory classes, normal practice time is 4-6 p.m. daily. This means that three teams must share the gym during early spring practice. This is a practical impossibility.
- 5) Track teams currently use a high school facility a mile away for meets and daily practices. They must travel to Mankato State University occasionally for indoor workouts.



UNIVERSITY OF MINNESOTA
TWIN CITIES

Physical Planning
503 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455
(612) 373-5765

January 22, 1981

TO: Athletic Facilities Study Team
FROM: Physical Planning Office
SUBJECT: Programmatic Survey--ADDENDUM (PS--A)

- (1) Campus Waseca
- (2) Is there a program(s) you would like to conduct but do not because of inadequate facilities? Yes _____ No X
- (2a) If yes, what program(s)? _____

- (3) How do current facilities limitations preclude such a program(s)? _____

- (4) Remedies proposed by campus study team:
(a) Core facilities (e.g., gym, playing field, etc.) _____

(b) Support facilities (e.g., locker rooms, etc.) _____

- (5) What priority would you give to meeting the facilities needs of each of the programs listed in question 2b? (If more than one program, they should be divided evenly between high, medium and low.) _____
- (6) Describe facilities needs not addressed in terms of any specific program, either existing or proposed (e.g., laundry rooms, general storage space, lounges, etc.)
Exercise room, locker rooms, storage space, staff lockers, training room,
laundry room, outdoor storage space
- (7) Remedies proposed by campus study team to meet these needs:
(a) New facilities New gymnasium

(b) Renovated facilities Improve football practice field in order to play
home games on campus.

- (8) What priority would you give to meeting each of the needs listed in question 6? If more than one is mentioned, divide evenly between high, medium, and low.)
Classroom - low; Exercise room - high; Locker rooms - high; Storage - medium;
Staff lockers - medium; Training room - high; Laundry - medium; outdoor storage - low.
- (9) Additional information germane to questions 1 - 8. Include here any comments regarding facilities needs for non-organized recreational activities.
Need for a campus jogging/exercise trail and an indoor exercise course.

Programmatic Survey Sheet

Evaluation of Existing Facilities

EVALUATION OF EXISTING FACILITIES

This section deals with the evaluation of existing interior and exterior athletic facilities. On-site inspections were conducted by the Office of Physical Planning and coordinate campus officials.

The Process

Existing buildings were each given a potential value of 100 points, which were divided into five primary components of building structure and systems. Each of these components was assigned a portion of the 100 total points according to its value ratio of the total facility. Each of the five primary components were further subdivided into applicable elements with individual point values.

Existing outdoor facilities were given a total value of 66 points, divided into ten sub-elements with appropriate point values.

The following outline indicates the primary components and sub-elements to be discussed and the value of each.

EXISTING INDOOR FACILITIES

*I	<u>Primary Structure</u>		44	Building Points
	Foundation	14	Points	
	Wall systems	14	Points	
	Floor systems	8	Points	
	Roof systems	8	Points	
*II	<u>Secondary Structure</u>		12	Building Points
	Ceiling systems	3	Points	
	Interior walls & partitions	3	Points	
	Window systems	3	Points	
	Door systems	3	Points	
*III	<u>Service Systems</u>		24	Building Points
	Cooling system	6	Points	
	Heating system	6	Points	
	Plumbing system	6	Points	
	Electrical system	6	Points	
**IV	<u>Functional Standards</u>		12	Building Points
	Assignable space	6	Points	
	Suitability	6	Points	
V	<u>Safety Standards</u>		8	Building Points
	OSHA/handicapped	8	Points	
			100	TOTAL EXISTING INDOOR FACILITIES POINTS

*Energy conservation aspects shall be included in Parts I, II, and III of the physical rating for indoor facilities.

**Functional standards as defined for the purpose of this study relate to how usable a space is relative to its physical characteristics versus its actual use. In this category, assignable space refers to those areas in a building which can actually be assigned to a functional use; suitability considerations take into account the need to evaluate the actual working and/or learning environment of the space of a building.

As a result, the facility would be rated either satisfactory or unsatisfactory with an indication of complexity as to required improvements:

Satisfactory	Adequate	95-100	Points
	Minor Remodeling Required	75- 94	Points
Unsatisfactory	Major Remodeling Required	40- 74	Points
	Demolish	Under 40	Points

EXISTING OUTDOOR FACILITIES

- Location in regard to future use	10	Points
- Compliance with functional standards	10	Points
- Relation to adjacent similar function	6	Points
- Soil and surface conditions	6	Points
- Drainage	6	Points
- Existing grades	6	Points
- Open space value	6	Points
- Orientation with respect to function	4	Points
- Lighting	4	Points
- Other supporting elements and fixtures	4	Points
<u>TOTAL EXISTING EXTERIOR FACILITIES POINTS</u>	<u>66</u>	<u>Points</u>

As a result, outdoor facilities would be placed into one of two categories:

Satisfactory	Adequate	60- 66	Points
	Minor Remodeling Required	45- 59	Points
Unsatisfactory	Major Remodeling Required	20- 44	Points
	Replace	Under 20	Points

Crookston

Evaluation of Existing Facilities, University of Minnesota, Crookston

Point System:

Indoor Facility Value

Satisfactory	- Adequate	95-100	Points
	- Minor Remodeling Required	74- 94	Points
Unsatisfactory	- Major Remodeling Required	40- 74	Points
	- Demolish	Under 40	Points

Outdoor Facility Value

Satisfactory	- Adequate	60- 66	Points
	- Minor Remodeling Required	45- 59	Points
Unsatisfactory	- Major Remodeling Required	20- 44	Points
	- Replace	Under 20	Points

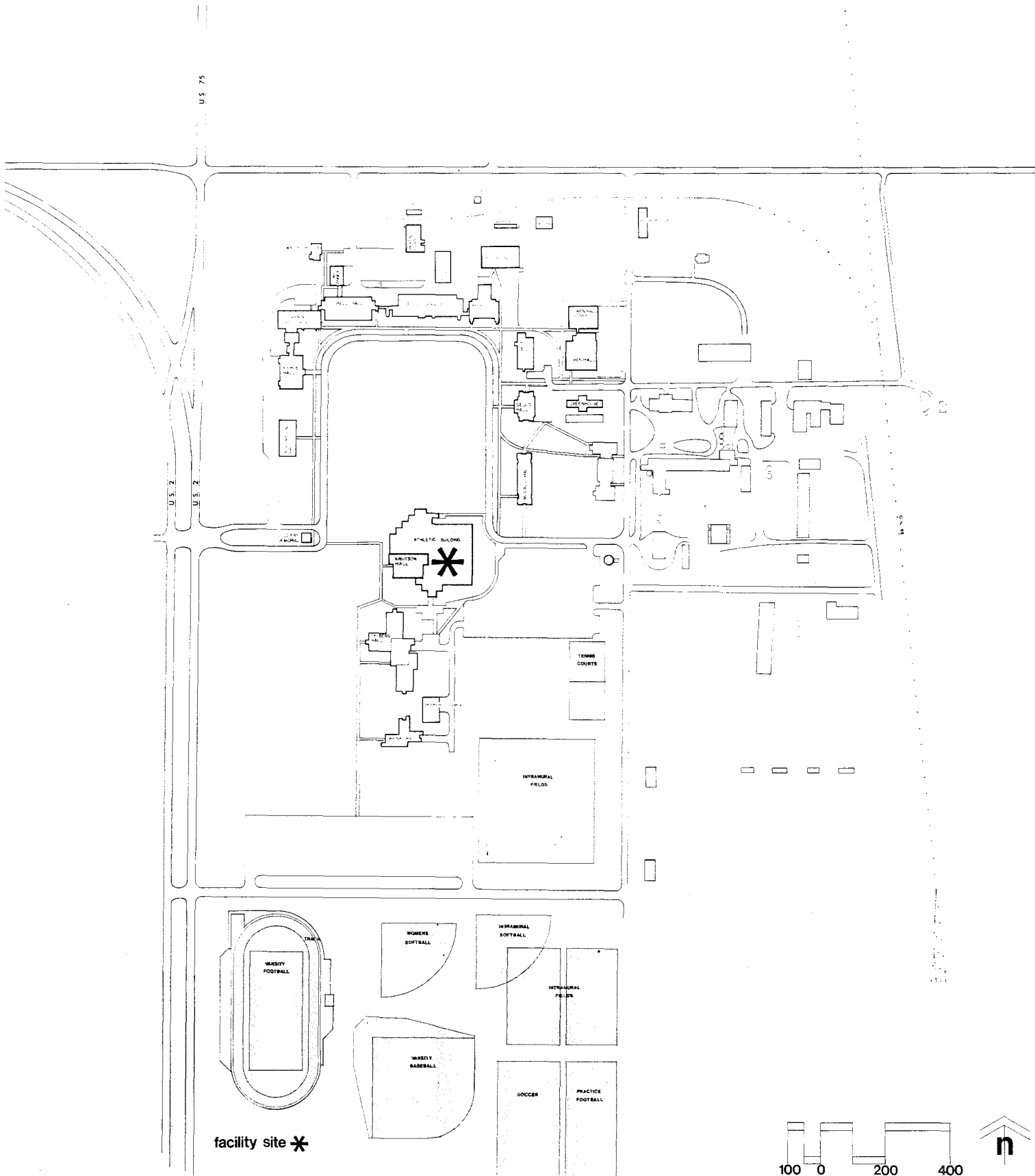
Summary of Study Team Assessment:

New Physical Education Center	Satisfactory	Adequate	100
Knutson Hall	Unsatisfactory	Major	64
Baseball Field	Satisfactory	Minor	55
Storage Facilities (outdoor)	Satisfactory	Adequate	
Football Practice Field	Unsatisfactory	Major	30
Baseball Field	Satisfactory	Minor	57
Track	Satisfactory	Minor	56
Practice Football Field	Satisfactory	Minor	56
Tennis Courts	Satisfactory	Minor	54
Softball and Flag Football	Satisfactory	Minor	53
Soccer Intramural	Satisfactory	Minor	55
Football Intercollegiate	Satisfactory	Minor	55

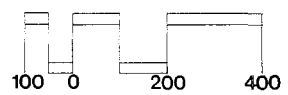
U.S. 75

U.S. 2

U.S. 2



facility site *



**technical college
crookston**

recreational/athletic facilities study

description

points

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
primary structure	foundation														●
	wall system														●
	floor system								●						
	roof system								●						
secondary structure	ceiling system			●											
	interior walls/part.			●											
	windows			●											
	doors			●											
service systems	air handling system						●								
	heating system						●								
	plumbing system						●								
	electrical system						●								
functional standards	assignable space						●								
	suitability						●								
safety standards	OSHA/handicapped								●						

statement Satisfactory - Adequate total points 100

This facility is under construction and will bring Physical Education up to today's standards---with the exception of a still inadequate swimming pool.

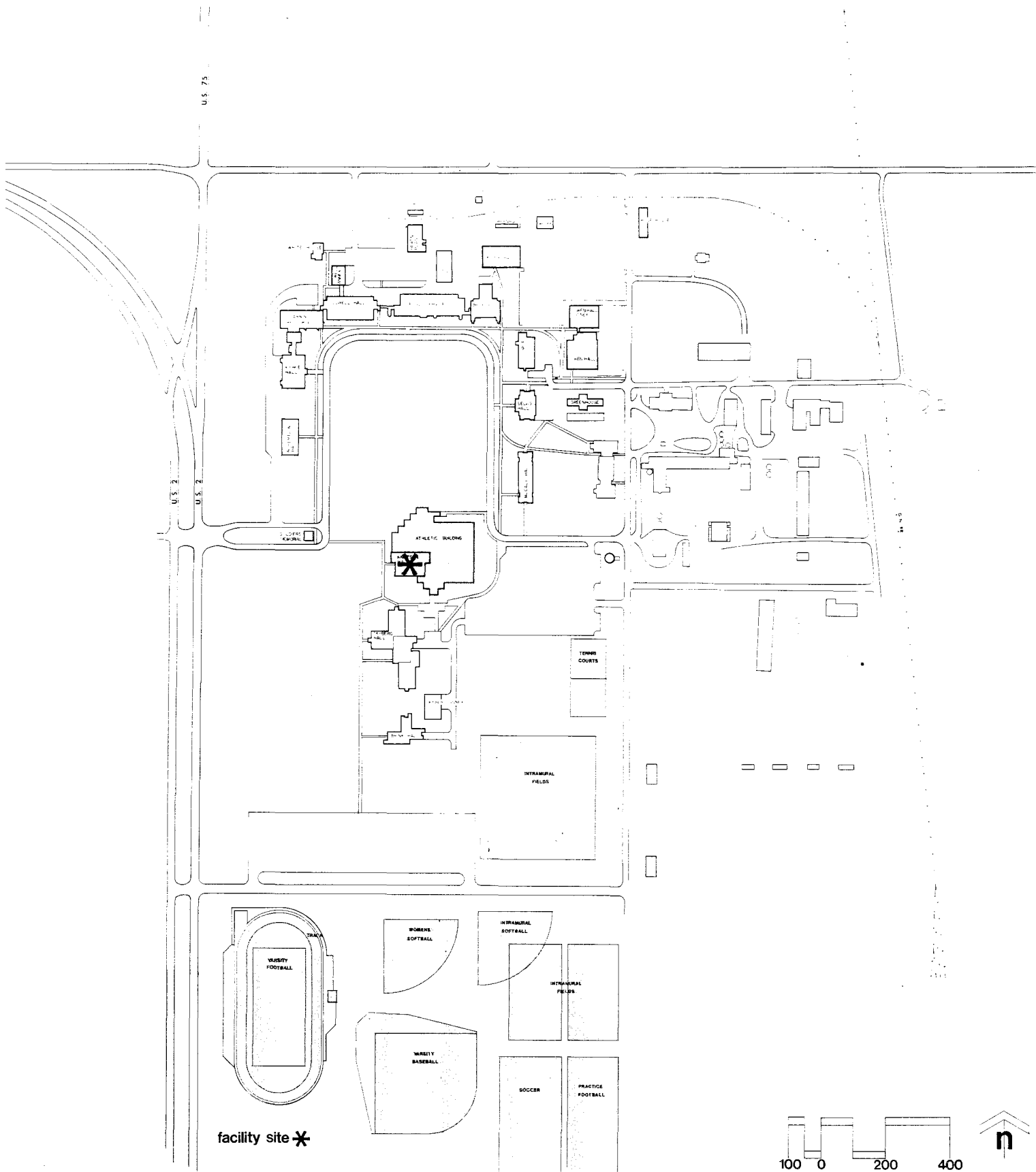
facility New Physical Education Center

campus Crookston

evaluated by Physical Planning & Crookston Administration

date built _____

Indoor facilities evaluation sheet



description

points

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
primary structure	foundation										●				
	wall system										●				
	floor system								●						
	roof system					●									
secondary structure	ceiling system		●												
	interior walls/part.		●												
	windows			●											
	doors		●												
service systems	air handling system			●											
	heating system			●											
	plumbing system					●									
	electrical system					●									
functional standards	assignable space		●												
	suitability		●												
safety standards	OSHA/handicapped		●												

statement Unsatisfactory - Major **total points** 64

This portion of the New Physical Education Center is under renovation and will be up to today's standards---with the exception of a still inadequate swimming pool.

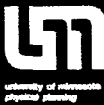
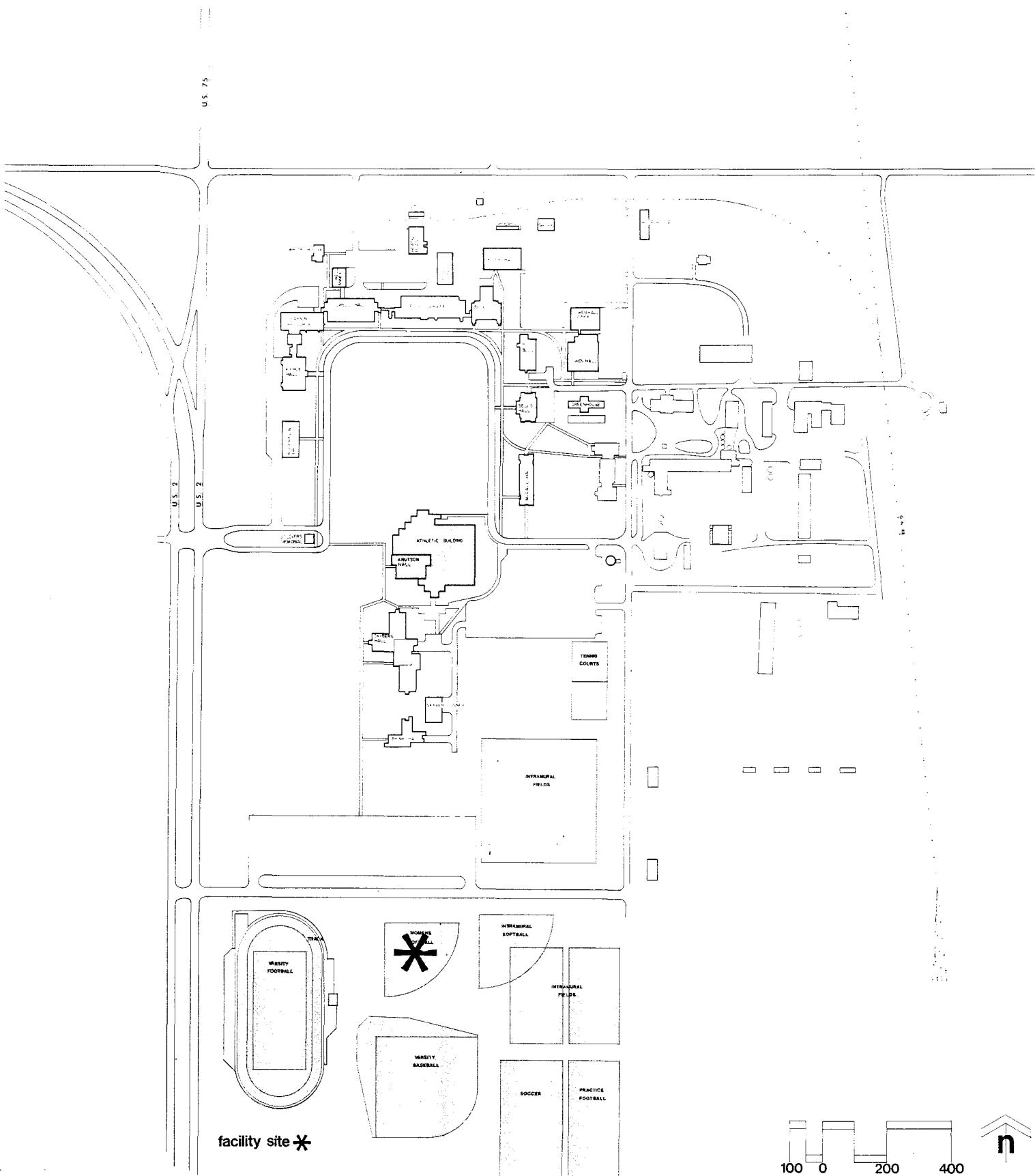
facility Knutson Hall

campus Crookston

evaluated by Physical Planning & Crookston Administration

date built _____

Indoor facilities evaluation sheet



technical college
crookston

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards									●	
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions						●	■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures	●				■	■	■	■	■	■

statement Satisfactory **total points** 55

The intercollegiate softball field is up to today's standards except for the lack of lighting for night use and some minor support elements.

facility Softball Field

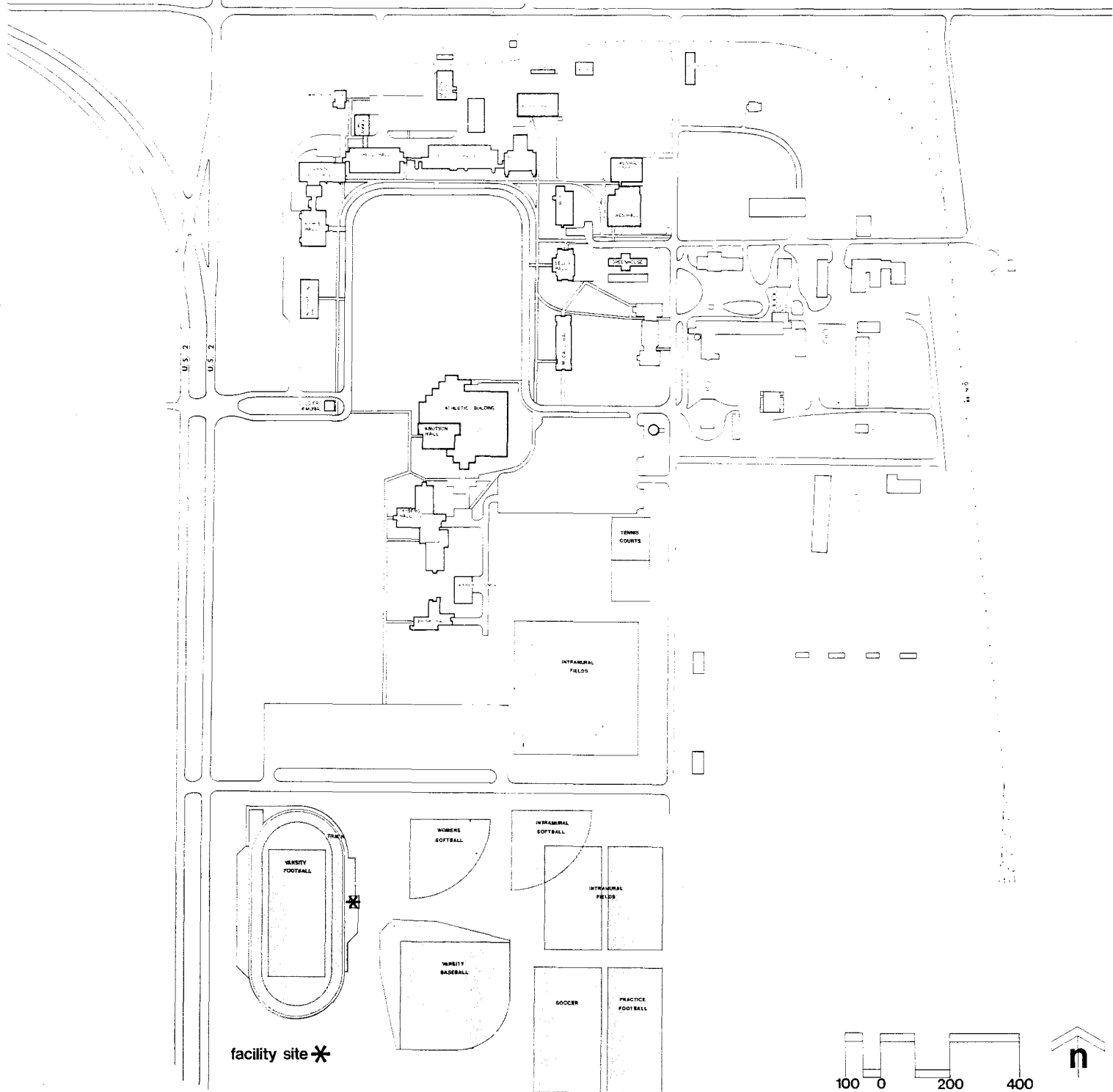
campus Crookston

evaluated by Physical Planning & Crookston Administration

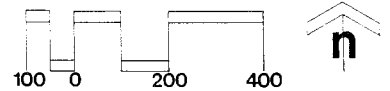
date built _____

Outdoor facilities evaluation sheet

U.S. 75



facility site *



**technical college
crookston**

recreational/athletic facilities study

description

points

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
primary structure	foundation															●
	wall system											●				
	floor system								●							
	roof system								●							
secondary structure	ceiling system															
	interior walls/part.															
	windows															
	doors															
service systems	air handling system															
	heating system															
	plumbing system															
	electrical system	●														
functional standards	assignable space					●										
	suitability					●										
safety standards	OSHA/handicapped								●							

statement Satisfactory - Adequate total points _____

The storage facility was completed in 1980; it provides adequate storage for outside equipment.

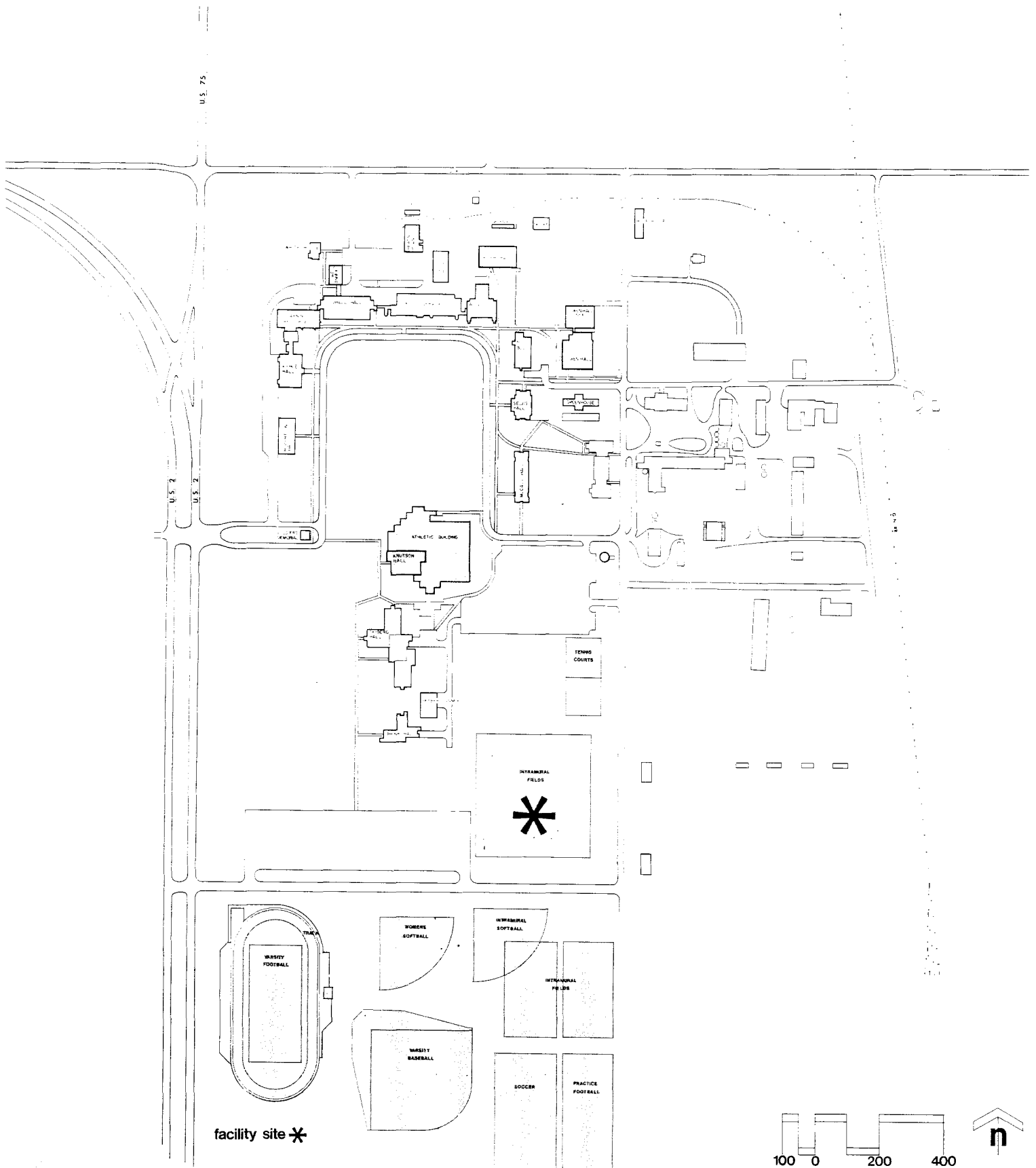
facility Storage (Outdoor)

campus Crookston

evaluated by Physical Planning & Crookston Administration

date built _____

Indoor facilities evaluation sheet



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use			●							
compliance with functional standards			●							
relation to adjacent similar functions				●						
soil and surface conditions			●							
drainage			●							
existing grades			●							
open space value					●					
orientation with respect to function				●						
lighting	●									
other supporting elements and fixtures	●									

statement Unsatisfactory **total points** 30

The Football Practice Field is in a poor location to the Physical Education Center. It has very bad drainage and surface condition. It also lacks outdoor lighting for night use and has no supporting elements such as fencing and goal posts.

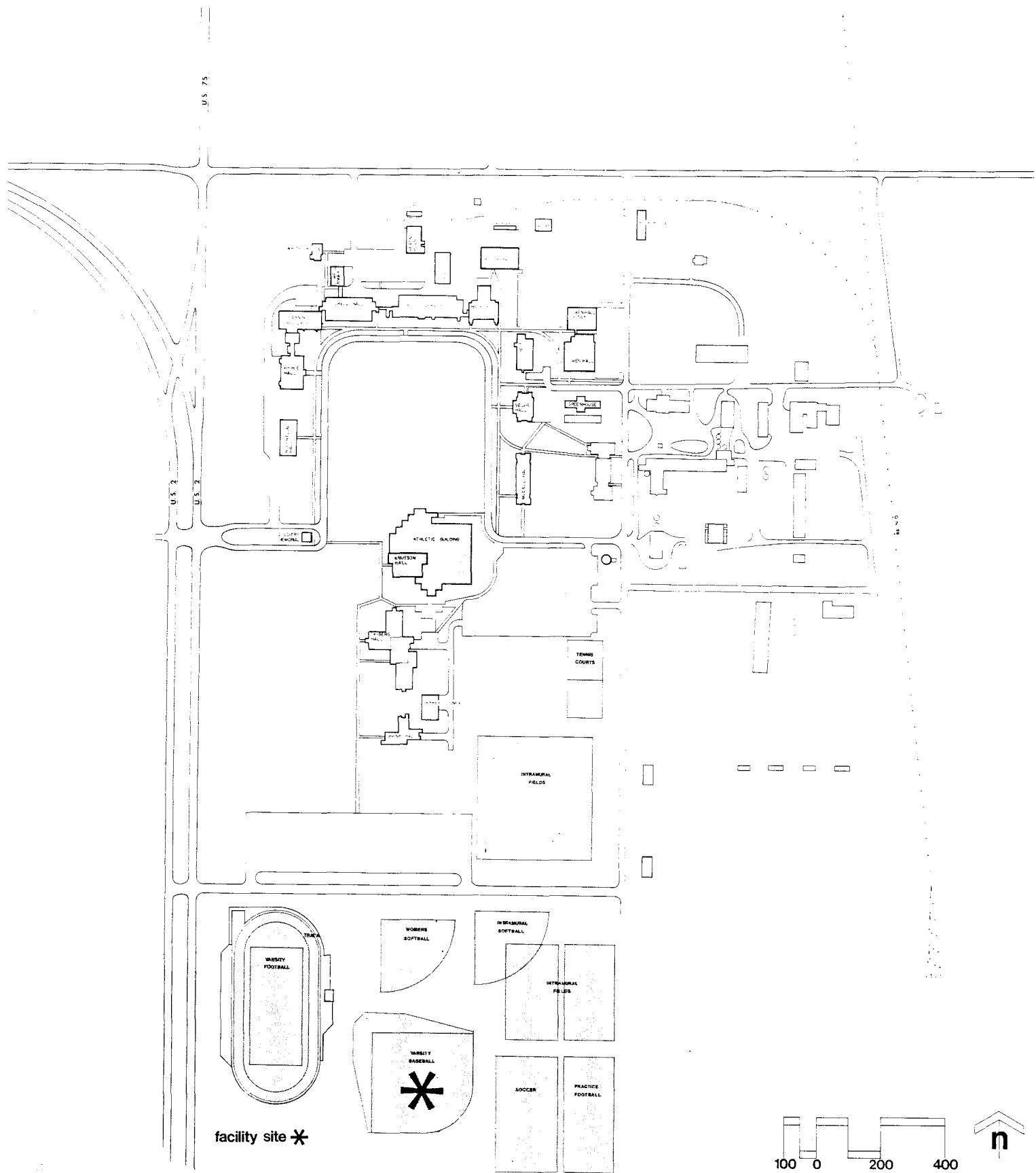
facility Football Practice Field

campus Crookston

evaluated by Physical Planning & Crookston Administration

date built _____

Outdoor facilities evaluation sheet



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions						●	■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures		●			■	■	■	■	■	■

statement Satisfactory **total points** 57

The Baseball Field is up to today's standards except for the lack of lighting for night use and some minor support elements.

facility Baseball Field

campus Crookston

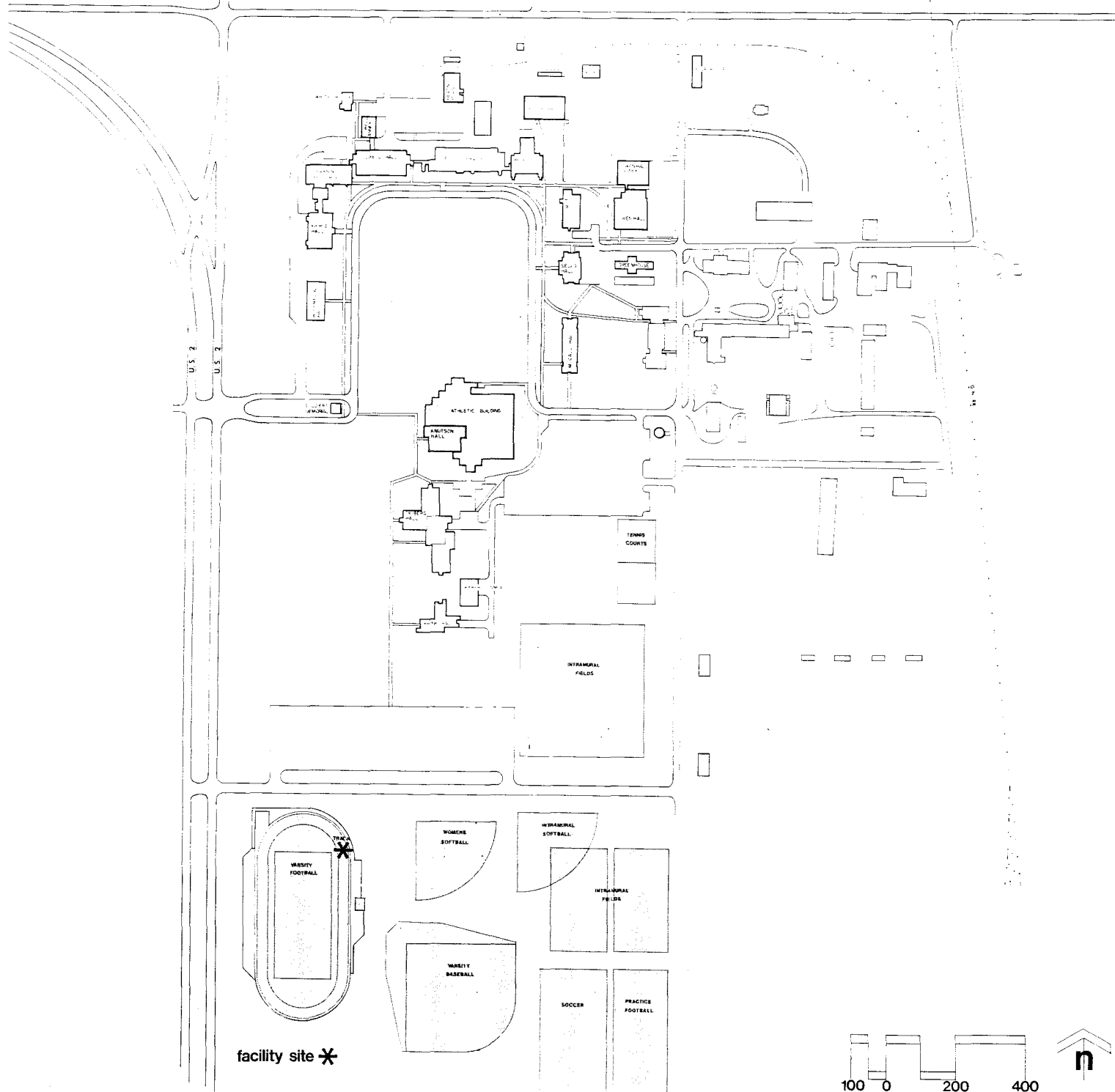
evaluated by Physical Planning & Crookston Administration

date built _____

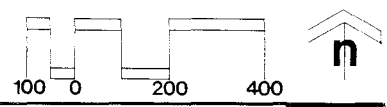
Outdoor facilities evaluation sheet

U.S. 75

U.S. 2
U.S. 2



facility site *



**technical college
crookston**

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions						●	■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures	●				■	■	■	■	■	■

statement Satisfactory - Minor **total points** 56

The Track was completed in 1980, which brings it up to today's standards except for the lack of lighting for night use and seating.

facility Track

campus Crookston

evaluated by Physical Planning & Crookston Administration

date built _____

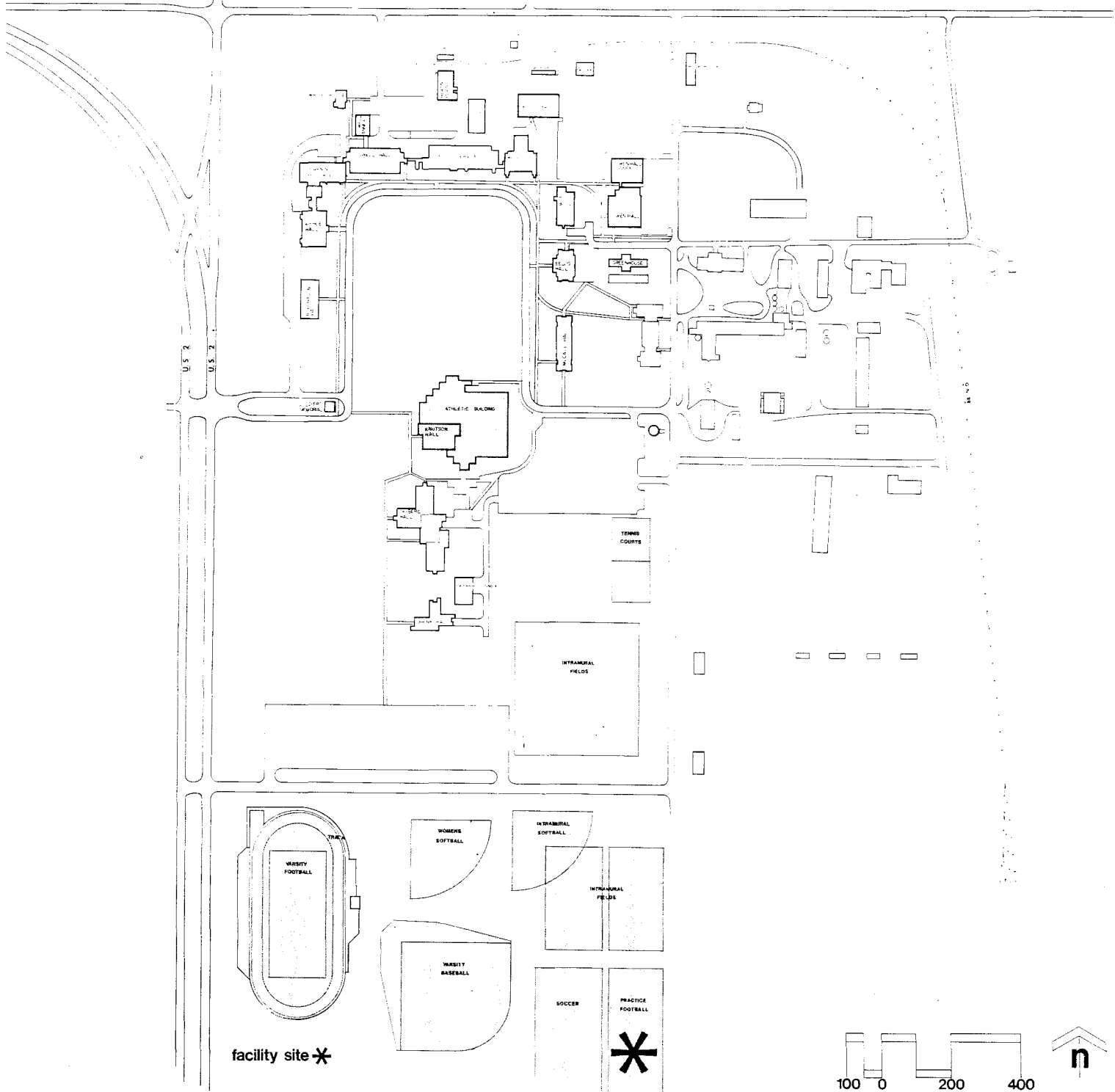
Outdoor facilities evaluation sheet

U.S. 75

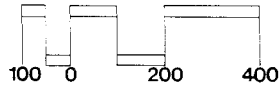
U.S. 2

U.S. 2

U.S. 5



facility site *



**technical college
crookston**

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions						●	■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures	●				■	■	■	■	■	■

statement Satisfactory **total points** 56

The Practice Football Field is up to today's standards except for the lack of lighting for night use and some support elements.

facility Practice Football Field

campus Crookston

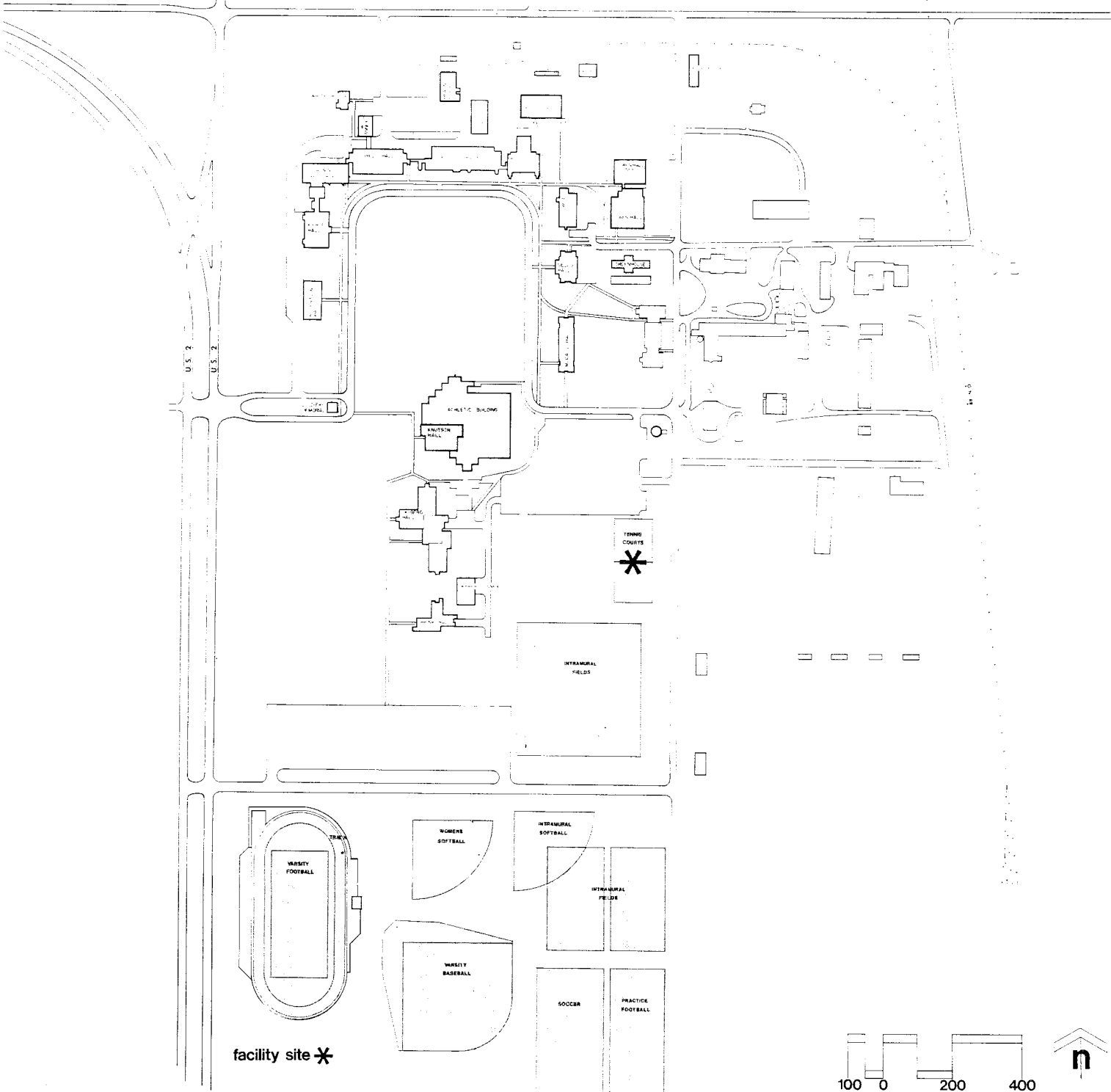
evaluated by Physical Planning & Crookston Administration

date built _____

Outdoor facilities evaluation sheet

U.S. 75

U.S. 2
U.S. 2



**technical college
crookston**

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions						●	■	■	■	■
drainage					●		■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function			●		■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures	●				■	■	■	■	■	■

statement Satisfactory **total points** 54

The Tennis Courts require drainage and the installation of wind breaks, outdoor lighting and supporting elements.

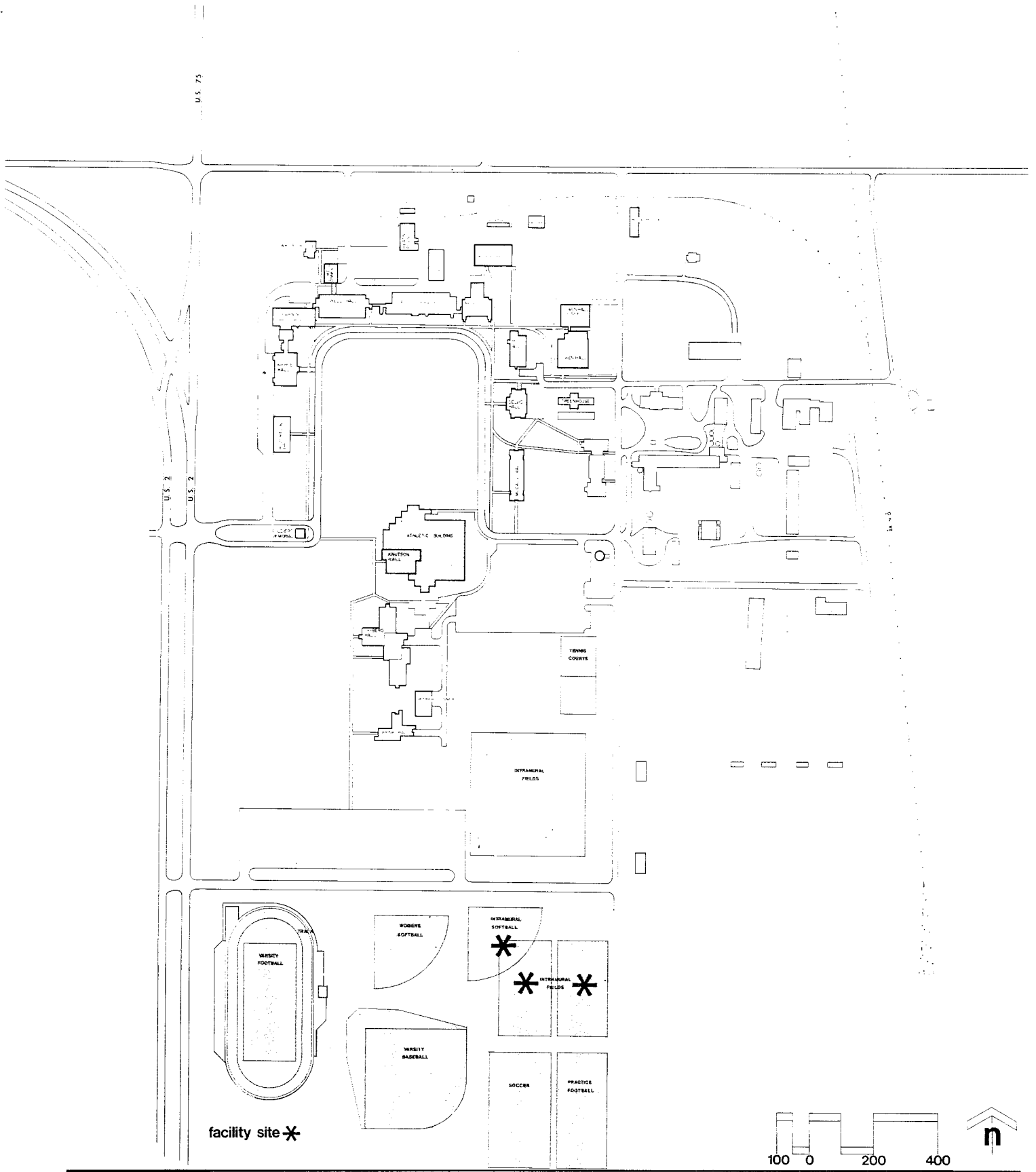
facility Tennis Courts (two double courts)

campus Crookston

evaluated by Physical Planning & Crookston Administration

date built _____

Outdoor facilities evaluation sheet



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards									●	
relation to adjacent similar functions					●					
soil and surface conditions					●					
drainage						●				
existing grades						●				
open space value						●				
orientation with respect to function				●						
lighting	●									
other supporting elements and fixtures	●									

statement Satisfactory **total points** 53

The Softball Intramural/Flag Football Fields require lighting and supporting elements.

facility Softball Intramural/Flag Football

campus Crookston

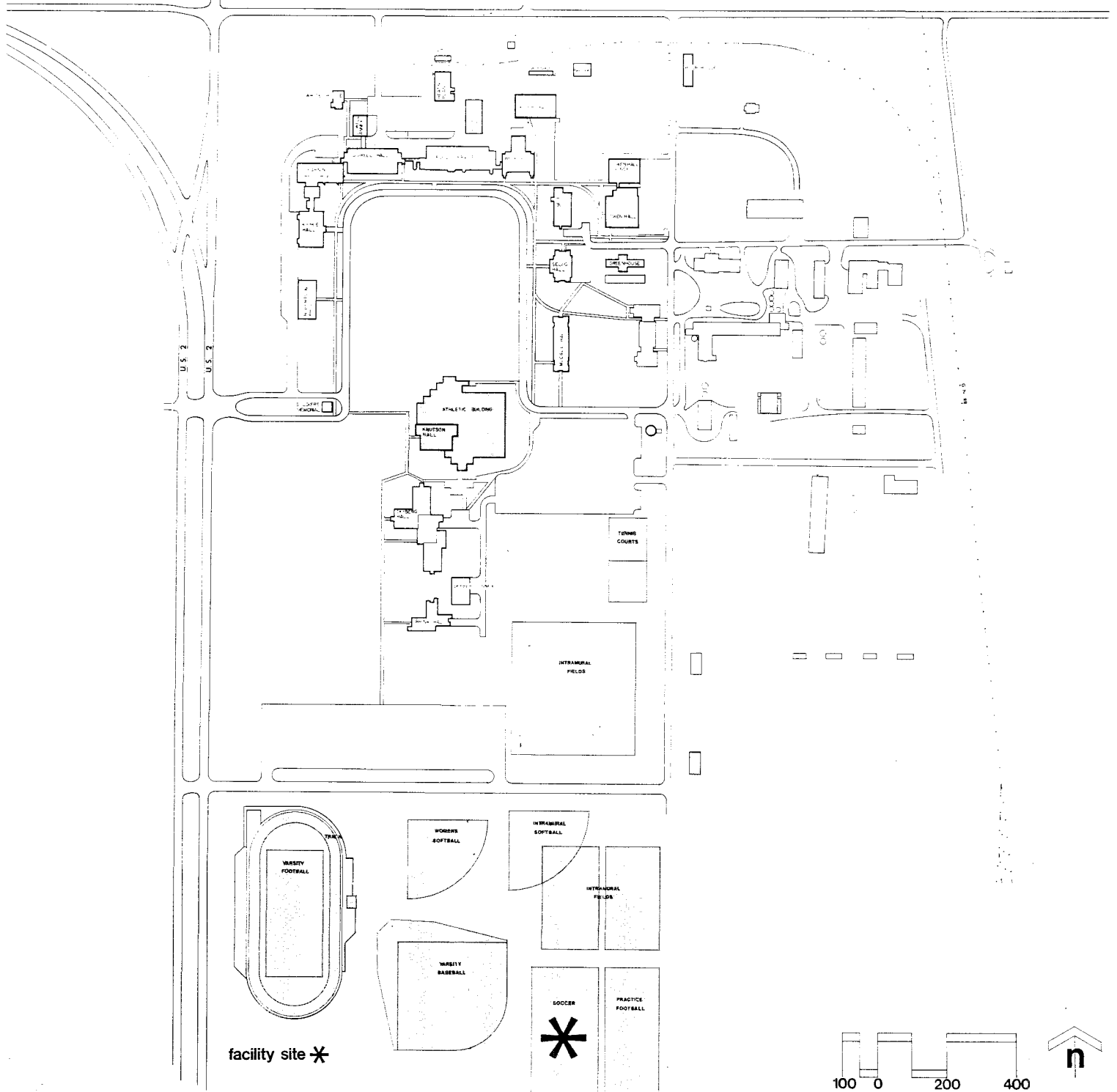
evaluated by Physical Planning & Crookston Administration

date built _____

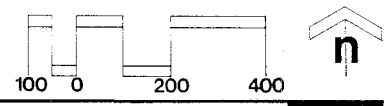
Outdoor facilities evaluation sheet

U.S. 75

U.S. 2
U.S. 2



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions					●		■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures	●				■	■	■	■	■	■

statement Satisfactory **total points** 55

The soccer facility requires some surface work, lighting and soccer supporting elements.

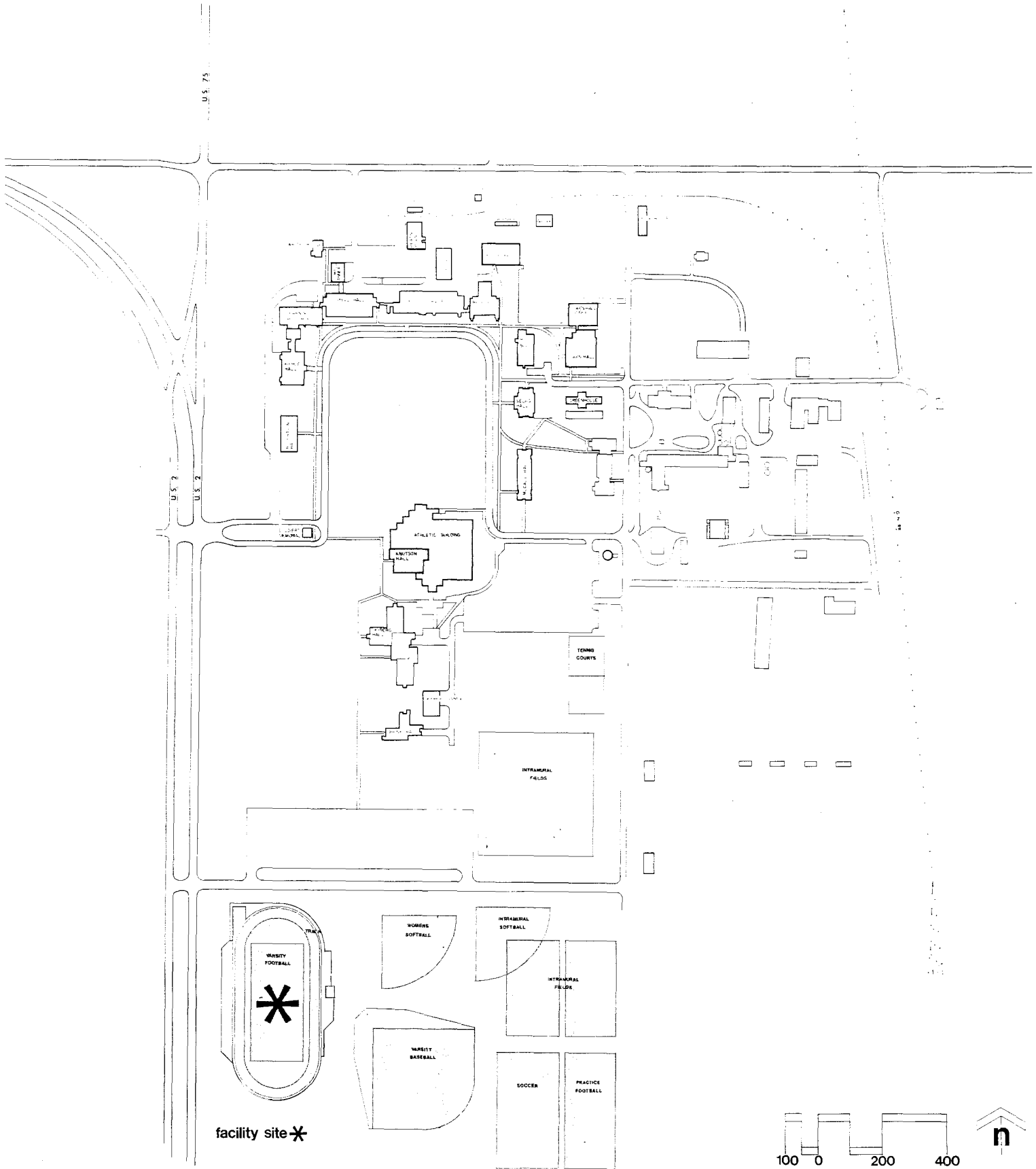
facility Soccer Intramural

campus Crookston

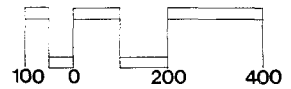
evaluated by Physical Planning & Crookston Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions					●		■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures	●				■	■	■	■	■	■

statement Satisfactory **total points** 55

The Intracollegiate Football facility requires some turf work along with lighting and supporting elements.

facility Intracollegiate Football

campus Crookston

evaluated by Physical Planning & Crookston Administration

date built _____

Outdoor facilities evaluation sheet

Duluth

Evaluation of Existing Facilities, University of Minnesota, Duluth

Point System:

Indoor Facility Value

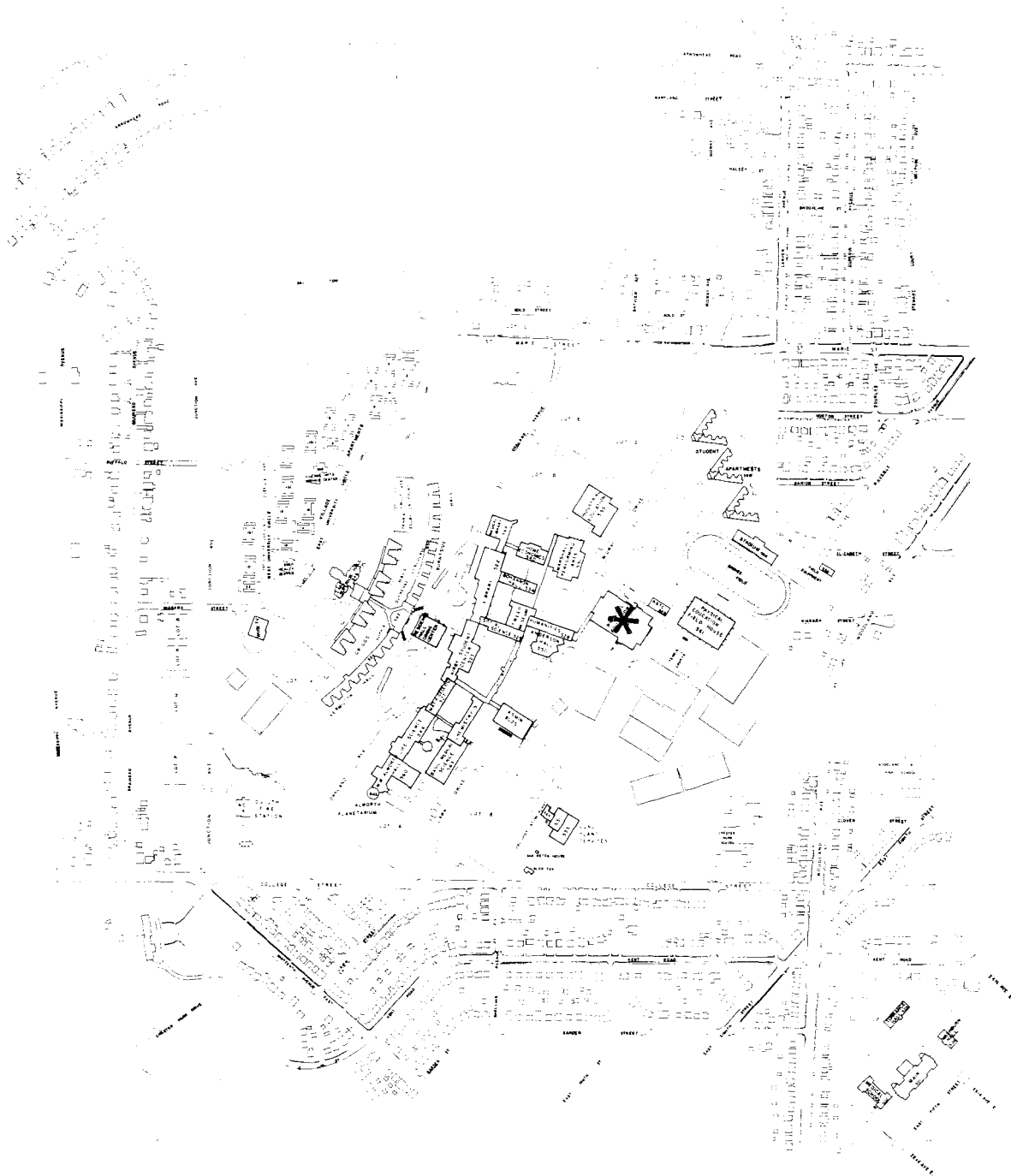
Satisfactory	- Adequate	95-100	Points
	- Minor Remodeling Required	74- 94	Points
Unsatisfactory	- Major Remodeling Required	40- 74	Points
	- Demolish	Under 40	Points

Outdoor Facility Value

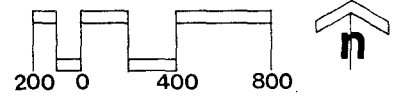
Satisfactory	- Adequate	60- 66	Points
	- Minor Remodeling Required	45- 59	Points
Unsatisfactory	- Major Remodeling Required	20- 44	Points
	- Replace	Under 20	Points

Summary of Study Team Assesment:

Physical Education Building	Unsatisfactory	Major	63
Field House	Satisfactory	Adequate	95
Old Main Gym	Unsatisfactory	Demolish	0
Physical Education, Track & Football Field	Satisfactory	Minor	50
Football Practice Area	Unsatisfactory	Major	44
Recreational Sport Playing Fields (II)	Unsatisfactory	Major	32
Recreational Sport Playing Fields (IIA)	Unsatisfactory	Major	20
Dormitory Recreational Sport Playing Fields	Unsatisfactory	Major	42
Tennis Courts (III - near Field House)	Satisfactory	Minor	56
Tennis Courts (VI - near Old Main)	Satisfactory	Minor	52



facility site *



university of minnesota
duluth

recreational/athletic facilities study

description

points

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
primary structure	foundation													●	
	wall system												●		
	floor system						●								
	roof system						●								
secondary structure	ceiling system		●												
	interior walls/part.		●												
	windows	●													
	doors		●												
service systems	air handling system		●												
	heating system				●										
	plumbing system					●									
	electrical system		●												
functional standards	assignable space		●												
	suitability			●											
safety standards	OSHA/handicapped	●													

statement Unsatisfactory - Major total points 63

Concerns with the Physical Education Building:

- The secondary systems; doors, ceiling, floors and windows throughout the building need refinishing and replacing.
- The existing service systems, which were installed in 1957, are inadequate and below today's service systems standards.
- The building is not equipped with energy conserving equipment.
- Handicapped safety codes have not been applied to this building.

facility Physical Education Building

campus Duluth

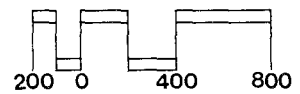
evaluated by Physical Planning & Duluth Administration

date built _____

Indoor facilities evaluation sheet



facility site *



description

points

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
primary structure	foundation													●	
	wall system													●	
	floor system								●						
	roof system							●							
secondary structure	ceiling system			●											
	interior walls/part.			●											
	windows			●											
	doors			●											
service systems	air handling system						●								
	heating system						●								
	plumbing system						●								
	electrical system					●									
functional standards	assignable space						●								
	suitability						●								
safety standards	OSHA/handicapped							●							

statement Satisfactory - Minor total points 95

The seal between the steel roof and structural concrete foundation wall must be replaced. If this is not corrected in the near future, the leak will cause a major problem for the foundation wall. The Field House also must be brought up to handicapped standards.

facility Field House

campus Duluth

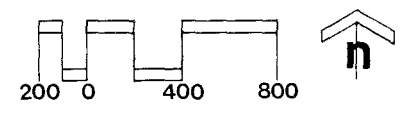
evaluated by Physical Planning & Duluth Administration

date built _____

Indoor facilities evaluation sheet



facility site *



description

points

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
primary structure	foundation														
	wall system														
	floor system														
	roof system														
secondary structure	ceiling system														
	interior walls/part.														
	windows														
	doors														
service systems	air handling system														
	heating system														
	plumbing system														
	electrical system														
functional standards	assignable space														
	suitability														
safety standards	OSHA/handicapped														

statement Unsatisfactory - Demolish **total points** 0

Old Gymnasium is scheduled to be removed in the renovation of the Old Main campus.

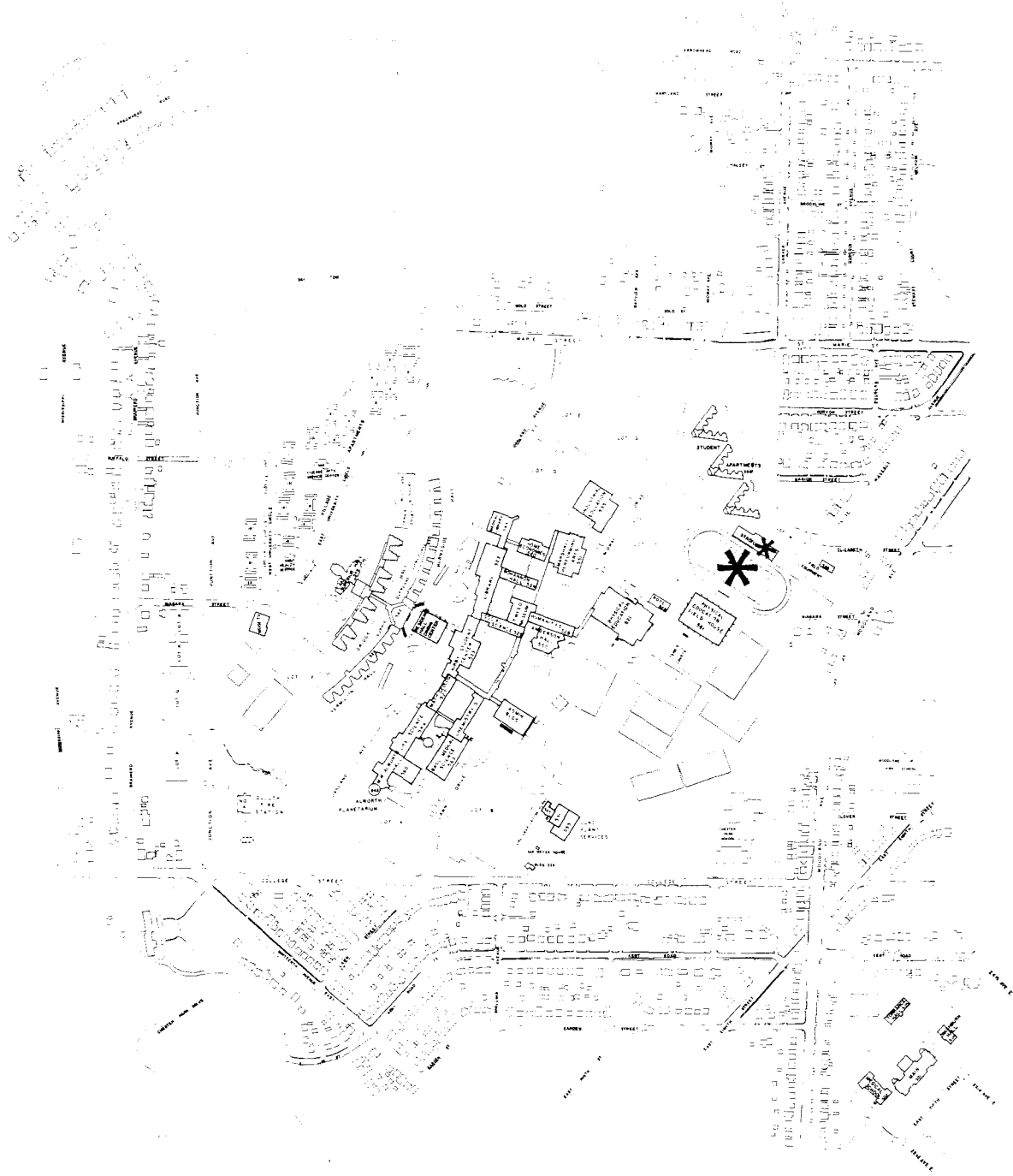
facility Old Main Gymnasium

campus Duluth

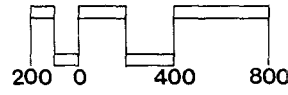
evaluated by Physical Planning & Duluth Administration

date built _____

Indoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards							●			
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions					●		■	■	■	■
drainage				●			■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function		●			■	■	■	■	■	■
lighting		●			■	■	■	■	■	■
other supporting elements and fixtures		●			■	■	■	■	■	■

statement Satisfactory - Minor **total points** 50

The problem with Griggs Stadium could be solved by reconditioning the seating, retuckpointing, resurfacing the track and upgrading the lighting to today's standards.

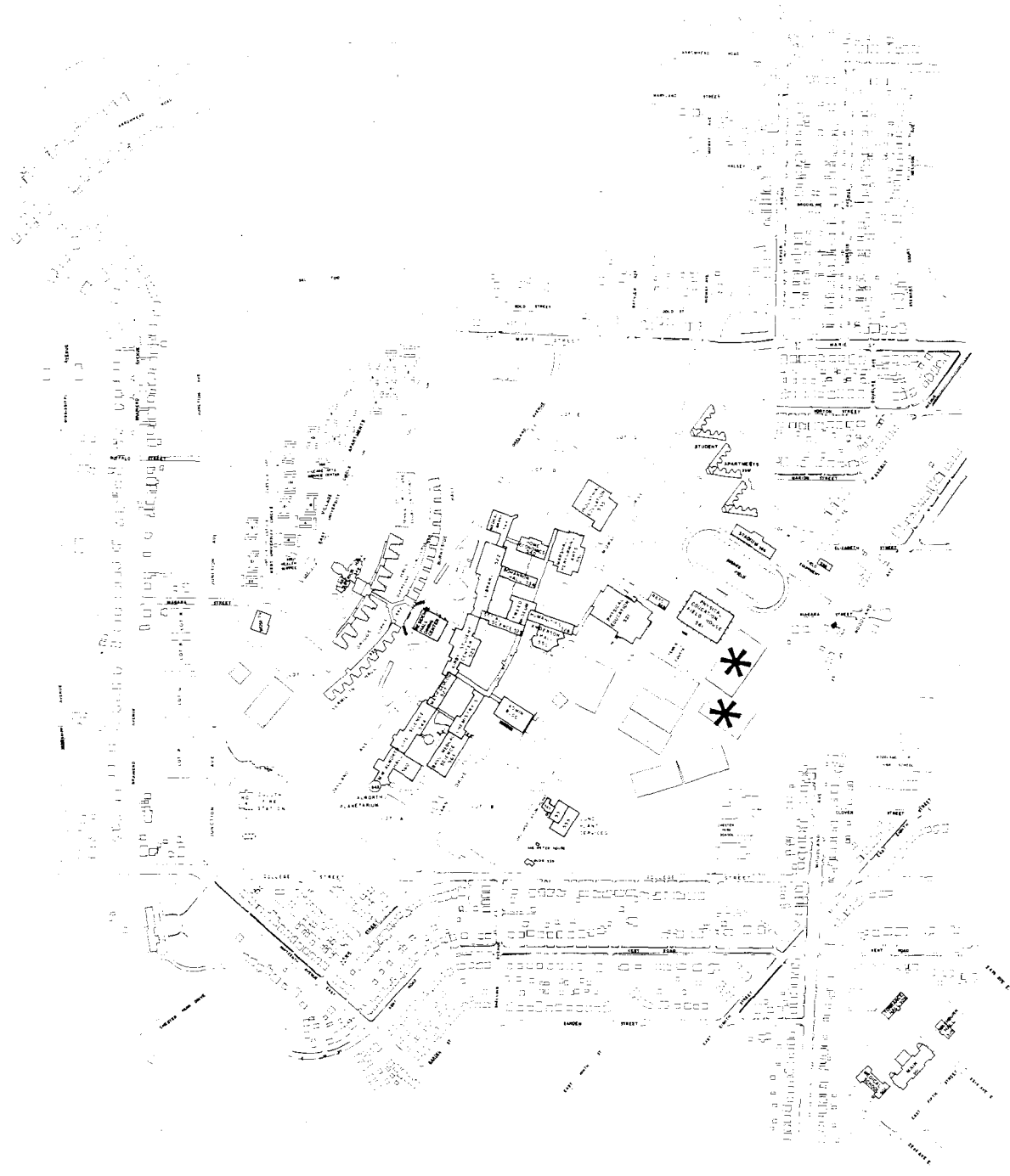
facility Football Field (Griggs Stadium)

campus Duluth

evaluated by Physical Planning & Duluth Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards							●			
relation to adjacent similar functions						●				
soil and surface conditions			●							
drainage			●							
existing grades			●							
open space value						●				
orientation with respect to function				●						
lighting	●									
other supporting elements and fixtures	●									

statement Unsatisfactory - Major **total points** 44

The football practice area was never developed with good drainage, turf, lighting or supporting elements, such as fencing and goal posts.

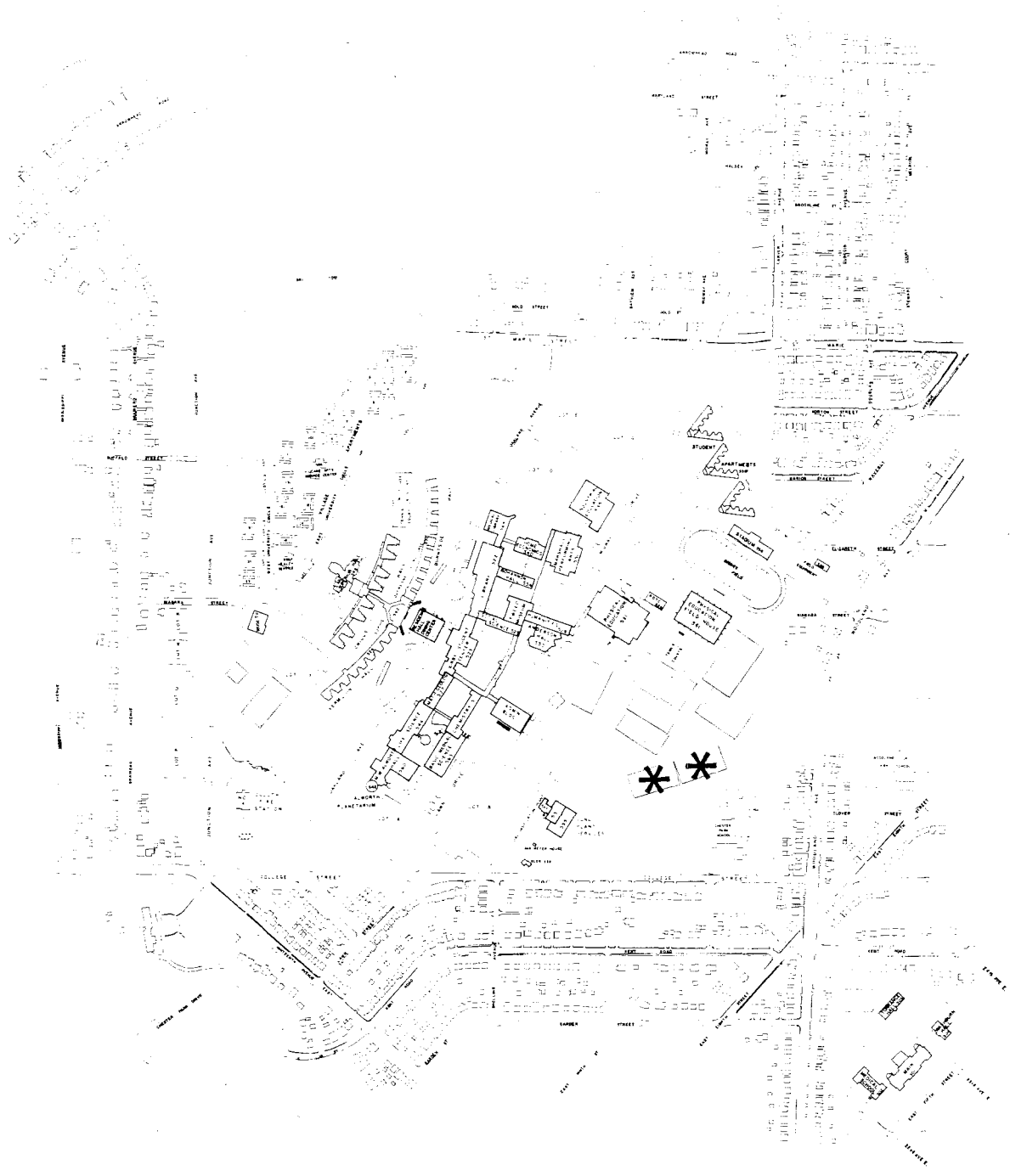
facility Football Practice Area

campus Duluth

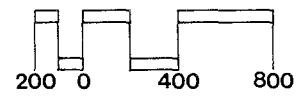
evaluated by Physical Planning & Duluth Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards		●								
relation to adjacent similar functions						●				
soil and surface conditions	●									
drainage	●									
existing grades		●								
open space value						●				
orientation with respect to function		●								
lighting	●									
other supporting elements and fixtures	●									

statement Unsatisfactory - Major **total points** 32

Recreational Sport Playing Area II was never developed with good drainage, turf, lighting or supporting elements, such as fencing, goal posts, backstops and bases for baseball.

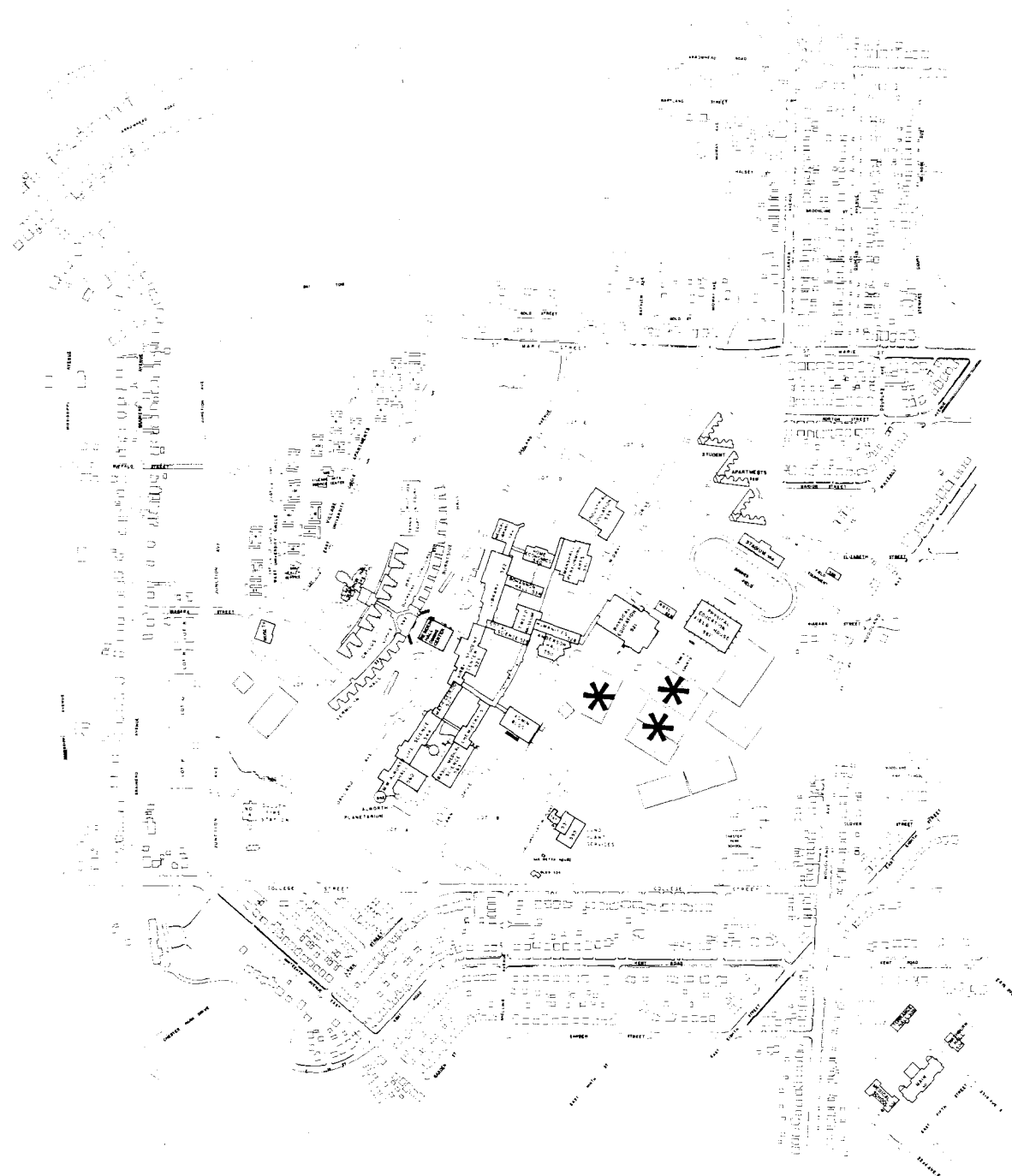
facility Playing Area II

campus Duluth

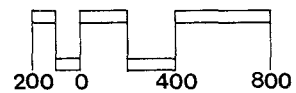
evaluated by Physical Planning & Duluth Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



university of minnesota
duluth

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use	●									
compliance with functional standards		●								
relation to adjacent similar functions						●				
soil and surface conditions	●									
drainage	●									
existing grades	●									
open space value		●								
orientation with respect to function				●						
lighting	●									
other supporting elements and fixtures	●									

statement Unsatisfactory **total points** 20

The same problems apply to Play Area IIA as to Play Area II.

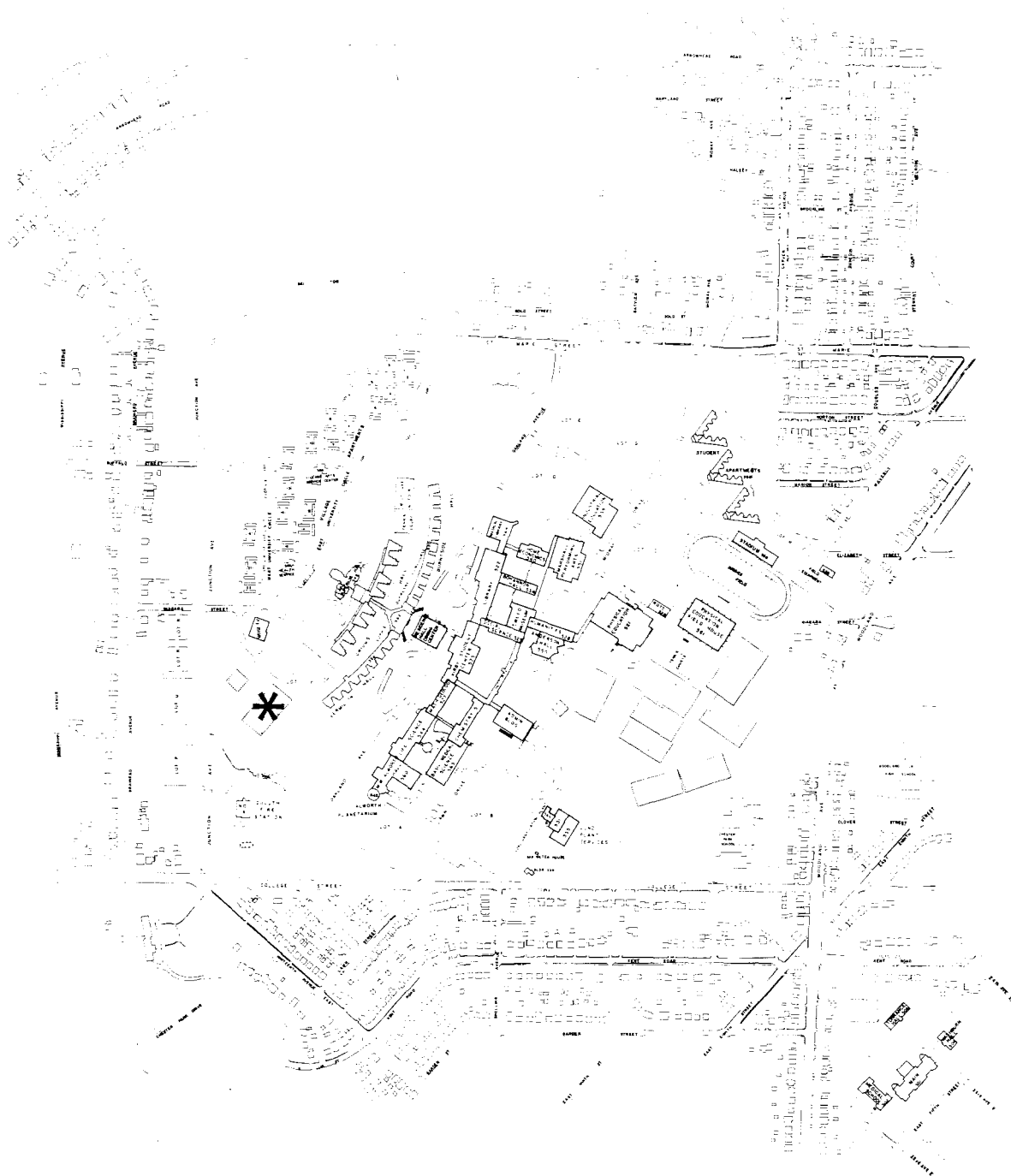
facility Play Area IIA

campus Duluth

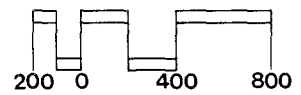
evaluated by Physical Planning & Duluth Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards							●			
relation to adjacent similar functions				●						
soil and surface conditions			●							
drainage			●							
existing grades			●							
open space value						●				
orientation with respect to function				●						
lighting	●									
other supporting elements and fixtures	●									

statement Unsatisfactory - Major **total points** 42

The same problems apply to the Dormitory Playing Field as to Play Area II and Play Area IIA.

facility Dormitory Playing Field

campus Duluth

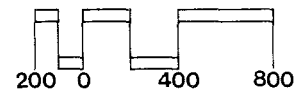
evaluated by Physical Planning & Duluth Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions					●		■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures			●		■	■	■	■	■	■

statement Satisfactory - Minor **total points** 57

The dormitory tennis courts require surface work and lighting for night use. This set of tennis courts is used only by dormitory residents.

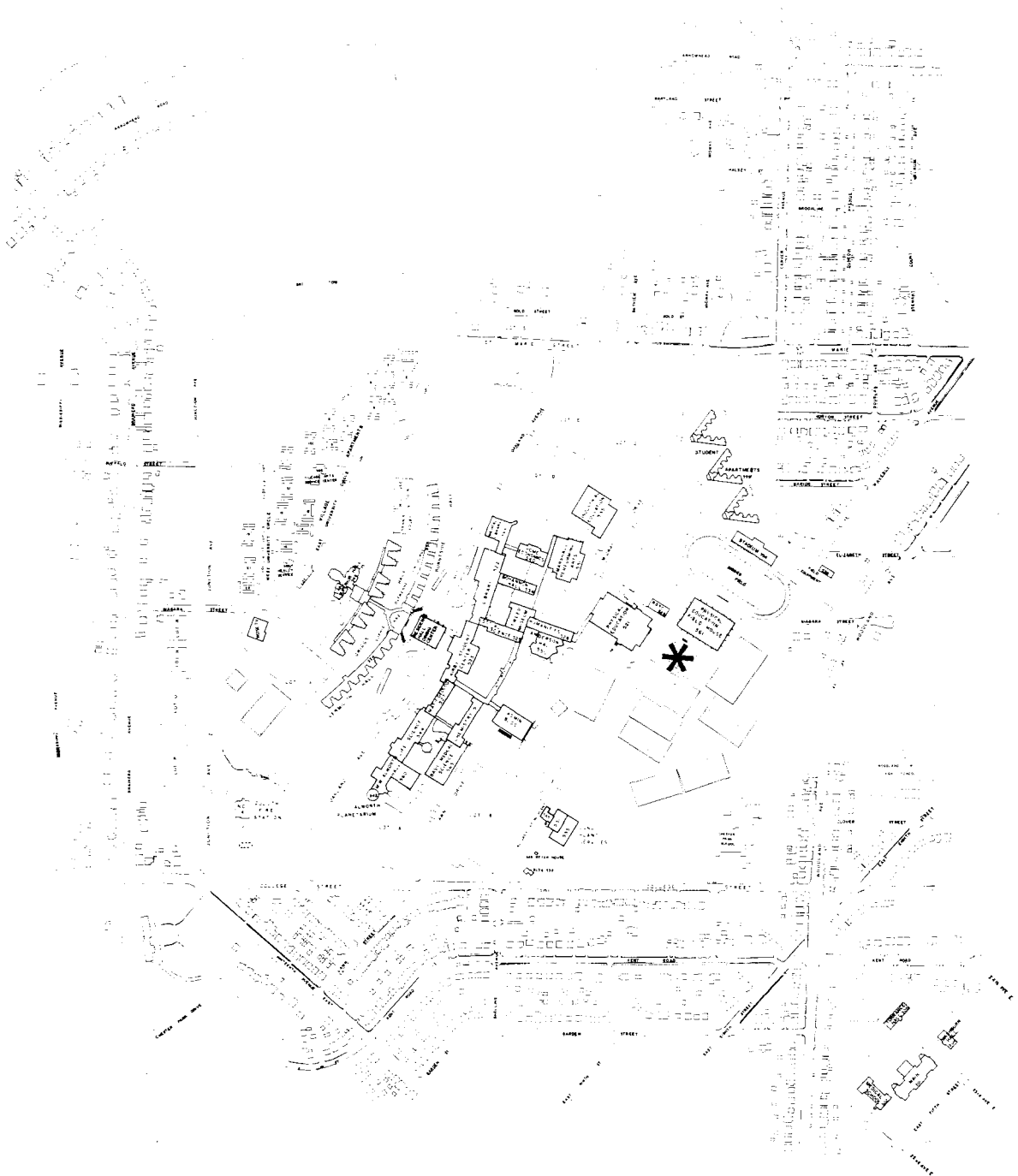
facility Tennis Courts - Dormitory

campus Duluth

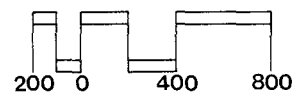
evaluated by Physical Planning & Duluth Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions				●			■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures			●		■	■	■	■	■	■

statement Satisfactory - Minor **total points** 56

The Tennis Courts next to the Field House require resurfacing and lighting for night use.

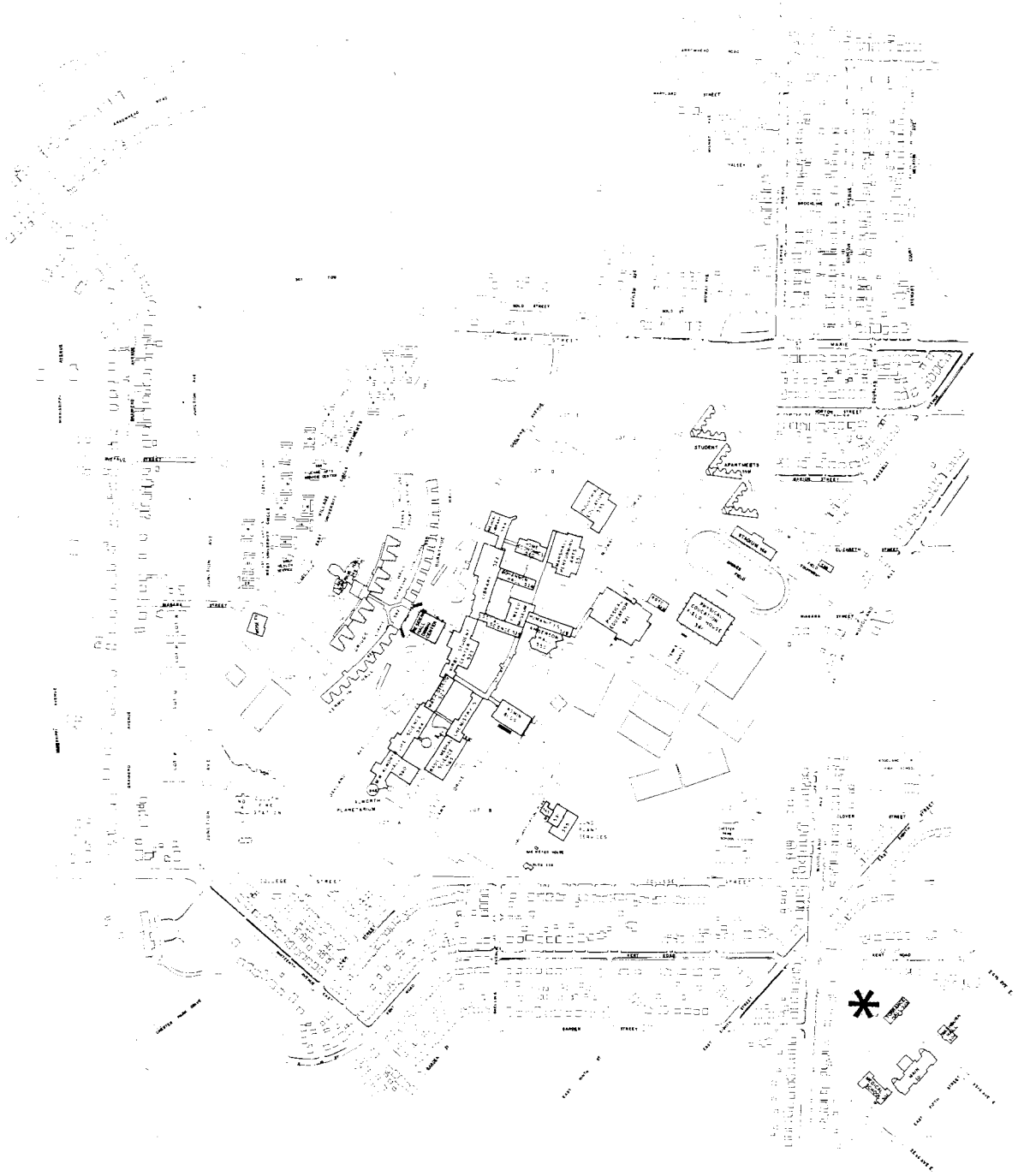
facility Tennis Courts

campus Duluth

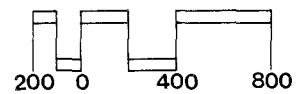
evaluated by Physical Planning & Duluth Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use					●					
compliance with functional standards										●
relation to adjacent similar functions			●							
soil and surface conditions						●				
drainage						●				
existing grades						●				
open space value						●				
orientation with respect to function				●						
lighting			●							
other supporting elements and fixtures			●							

statement Satisfactory - Minor **total points** 52

The Old Main tennis courts suffer for their distance from the Main Campus. They must also be upgraded to meet today's standards.

facility Old Main Tennis Courts

campus Duluth

evaluated by Physical Planning & Duluth Administration

date built _____

Outdoor facilities evaluation sheet

Morris

Evaluation of Existing Facilities, University of Minnesota, Morris

Point System:

Indoor Facility Value

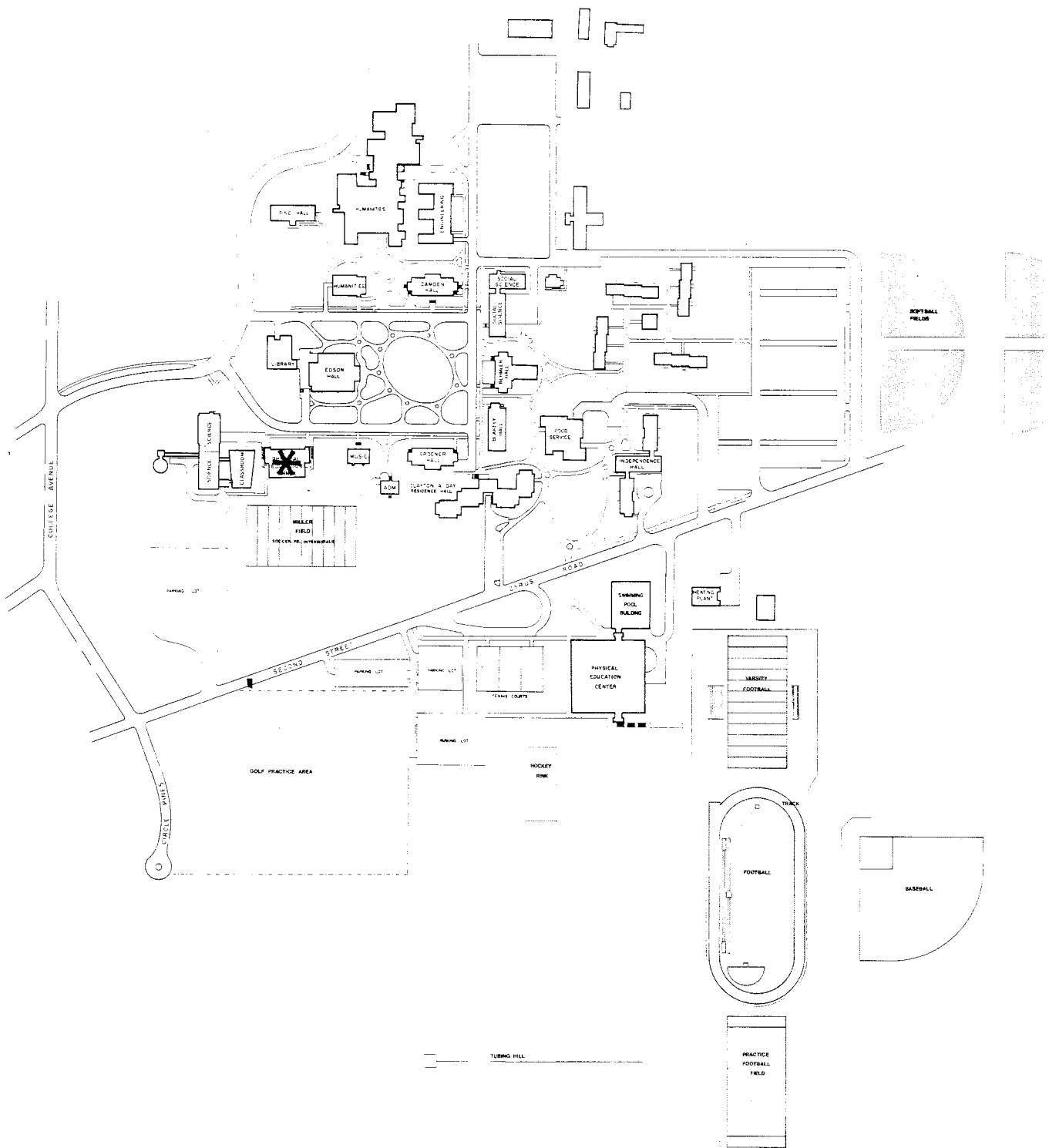
Satisfactory	- Adequate	95-100	Points
	- Minor Remodeling Required	74- 94	Points
Unsatisfactory	- Major Remodeling Required	40- 74	Points
	- Demolish	Under 40	Points

Outdoor Facility Value

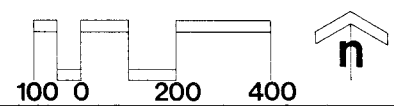
Satisfactory	- Adequate	60- 66	Points
	- Minor Remodeling Required	45- 59	Points
Unsatisfactory	- Major Remodeling Required	20- 44	Points
	- Replace	Under 20	Points

Summary of Study Team Assessment:

Physical Education Annex	Unsatisfactory	Major	47
Physical Education Center	Satisfactory	Minor	85
Physical Education Swimming Pool	Satisfactory	Minor	90
Two Softball Fields	Unsatisfactory	Major	40
Two Softball Fields	Unsatisfactory	Major	38
Varsity Football Field	Unsatisfactory	Major	41
Soccer Field	Unsatisfactory	Major	42
Tubing Hill	Satisfactory	Minor	54
Three Tennis Courts	Satisfactory	Minor	57
Golf Practice Area	Satisfactory	Minor	52
Hockey Rink	Satisfactory	Minor	48
Practice Football	Satisfactory	Minor	52
Track	Satisfactory	Minor	49
Baseball Field	Satisfactory	Minor	56



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
primary structure	foundation						●								
	wall system								●						
	floor system			●						■	■	■	■	■	■
	roof system						●			■	■	■	■	■	■
secondary structure	ceiling system		●		■	■	■	■	■	■	■	■	■	■	■
	interior walls/part.		●		■	■	■	■	■	■	■	■	■	■	■
	windows	●			■	■	■	■	■	■	■	■	■	■	■
	doors	●			■	■	■	■	■	■	■	■	■	■	■
service systems	air handling system		●					■	■	■	■	■	■	■	■
	heating system				●			■	■	■	■	■	■	■	■
	plumbing system		●					■	■	■	■	■	■	■	■
	electrical system		●					■	■	■	■	■	■	■	■
functional standards	assignable space			●				■	■	■	■	■	■	■	■
	suitability		●					■	■	■	■	■	■	■	■
safety standards	OSHA/handicapped			●						■	■	■	■	■	■

statement Unsatisfactory - Major **total points** 47

This building inadequately serves the Morris Campus. Serious problems exist in relation to the primary structure, secondary structure, service systems and handicapped standards. This facility is not now used by the Physical Education Department.

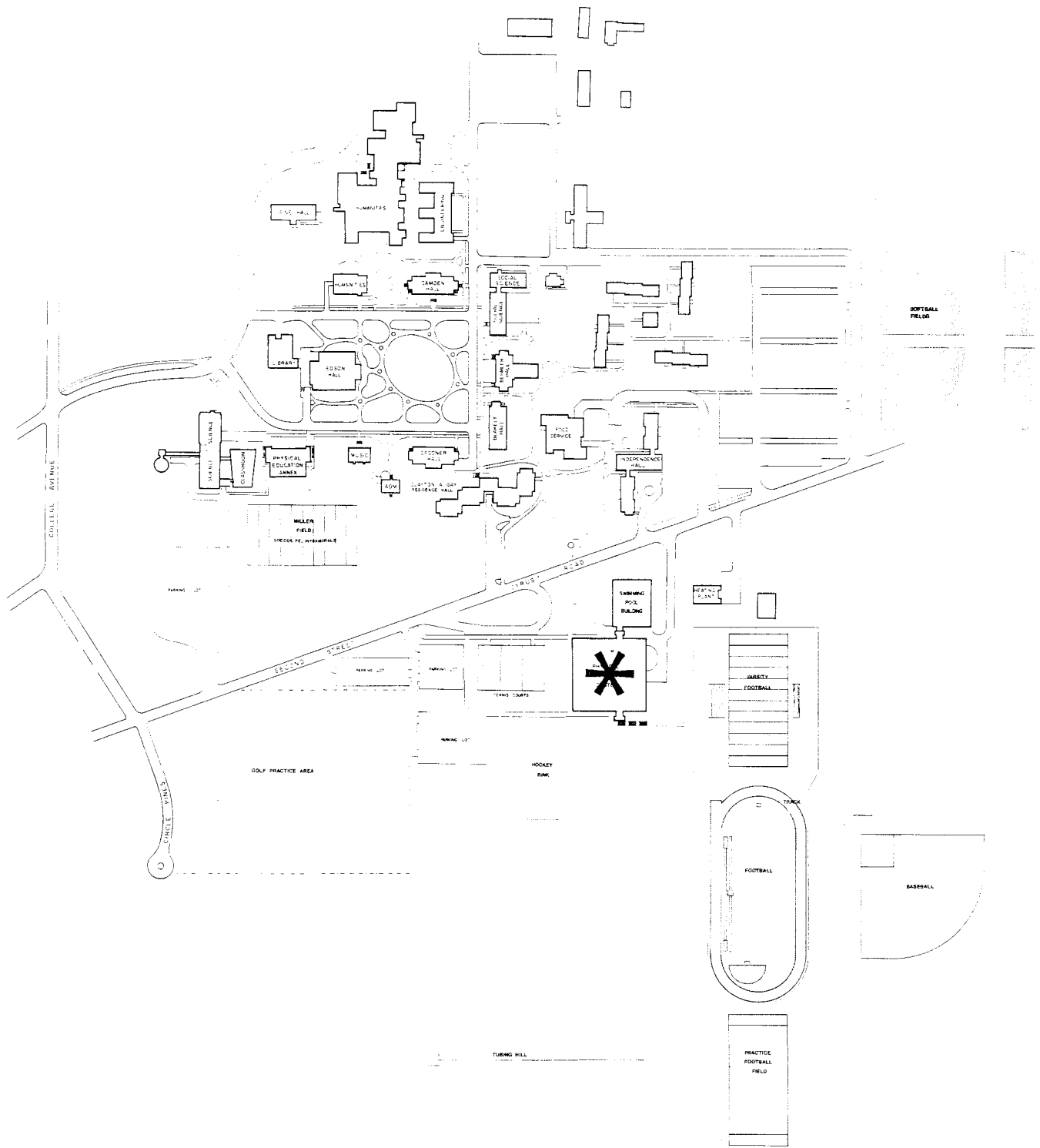
facility Physical Education Annex

campus Morris

evaluated by Physical Planning & Morris Administration

date built _____

Indoor facilities evaluation sheet



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
primary structure	foundation														●
	wall system														●
	floor system								●	■	■	■	■	■	■
	roof system								●	■	■	■	■	■	■
secondary structure	ceiling system		●		■	■	■	■	■	■	■	■	■	■	■
	interior walls/part.			●	■	■	■	■	■	■	■	■	■	■	■
	windows		●		■	■	■	■	■	■	■	■	■	■	■
	doors		●		■	■	■	■	■	■	■	■	■	■	■
service systems	air handling system				●				■	■	■	■	■	■	■
	heating system					●			■	■	■	■	■	■	■
	plumbing system						●		■	■	■	■	■	■	■
	electrical system					●			■	■	■	■	■	■	■
functional standards	assignable space				●				■	■	■	■	■	■	■
	suitability				●				■	■	■	■	■	■	■
safety standards	OSHA/handicapped				●				■	■	■	■	■	■	■

statement Satisfactory - Minor total points 85

This facility requires renovation in relation to:

- Secondary systems refinishing, ceiling, windows and doors.
- Service systems need updating, air control and electrical systems.
- The building requires an energy-conserving equipment retrofit.
- Handicapped safety codes must be upgraded to meet today's standards.

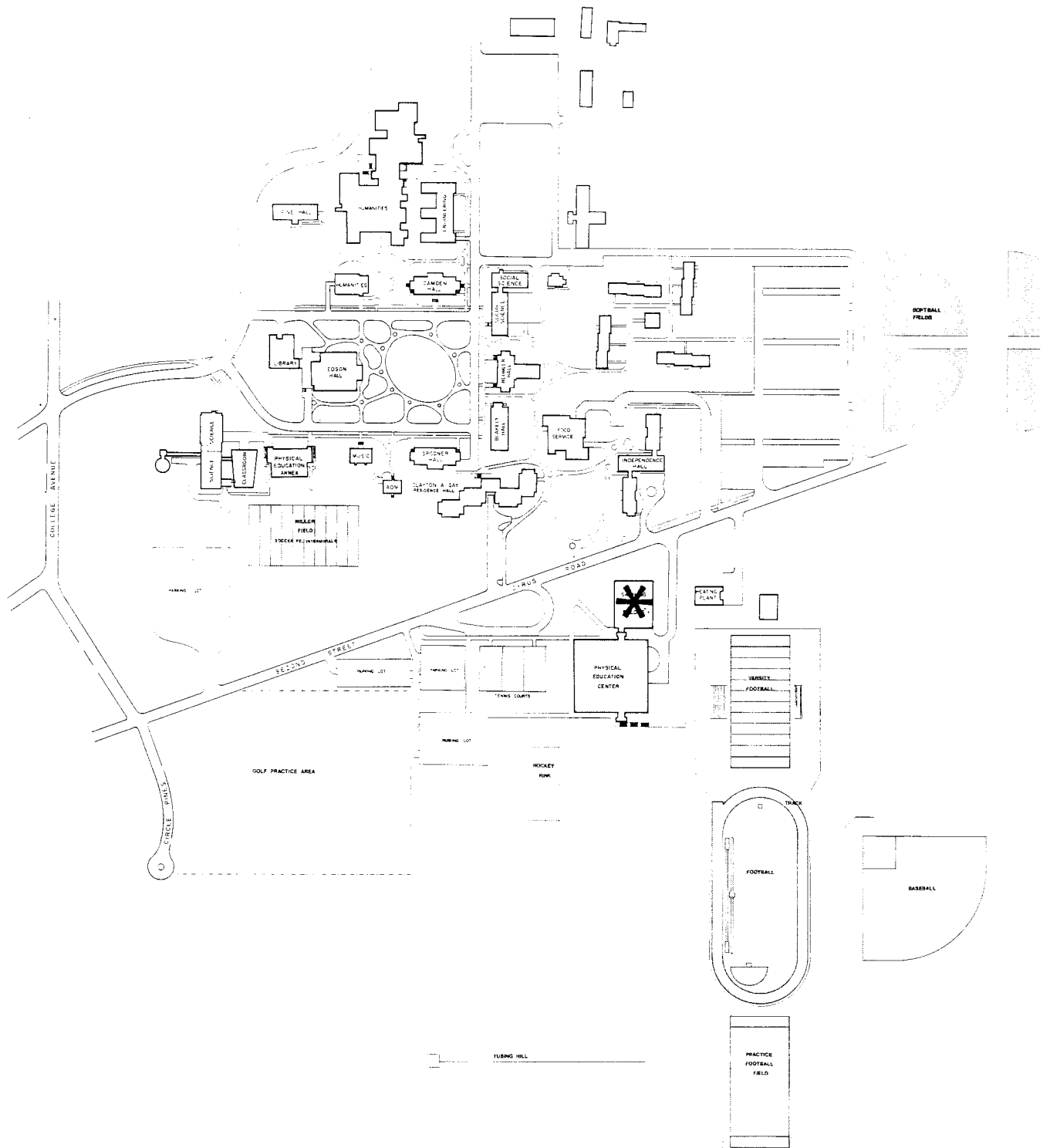
facility Physical Education Center

campus Morris

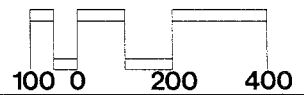
evaluated by Physical Planning & Morris Administration

date built _____

Indoor facilities evaluation sheet



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
primary structure	foundation														●
	wall system														●
	floor system								●	■	■	■	■	■	■
	roof system								●	■	■	■	■	■	■
secondary structure	ceiling system		●		■	■	■	■	■	■	■	■	■	■	■
	interior walls/part.			●	■	■	■	■	■	■	■	■	■	■	■
	windows			●	■	■	■	■	■	■	■	■	■	■	■
	doors		●		■	■	■	■	■	■	■	■	■	■	■
service systems	air handling system				●				■	■	■	■	■	■	■
	heating system					●			■	■	■	■	■	■	■
	plumbing system						●		■	■	■	■	■	■	■
	electrical system					●			■	■	■	■	■	■	■
functional standards	assignable space					●			■	■	■	■	■	■	■
	suitability					●			■	■	■	■	■	■	■
safety standards	OSHA/handicapped				●				■	■	■	■	■	■	■

statement Satisfactory - Minor total points 85

The same problems apply to the P.E. Swimming Pool as to the P.E. Center.

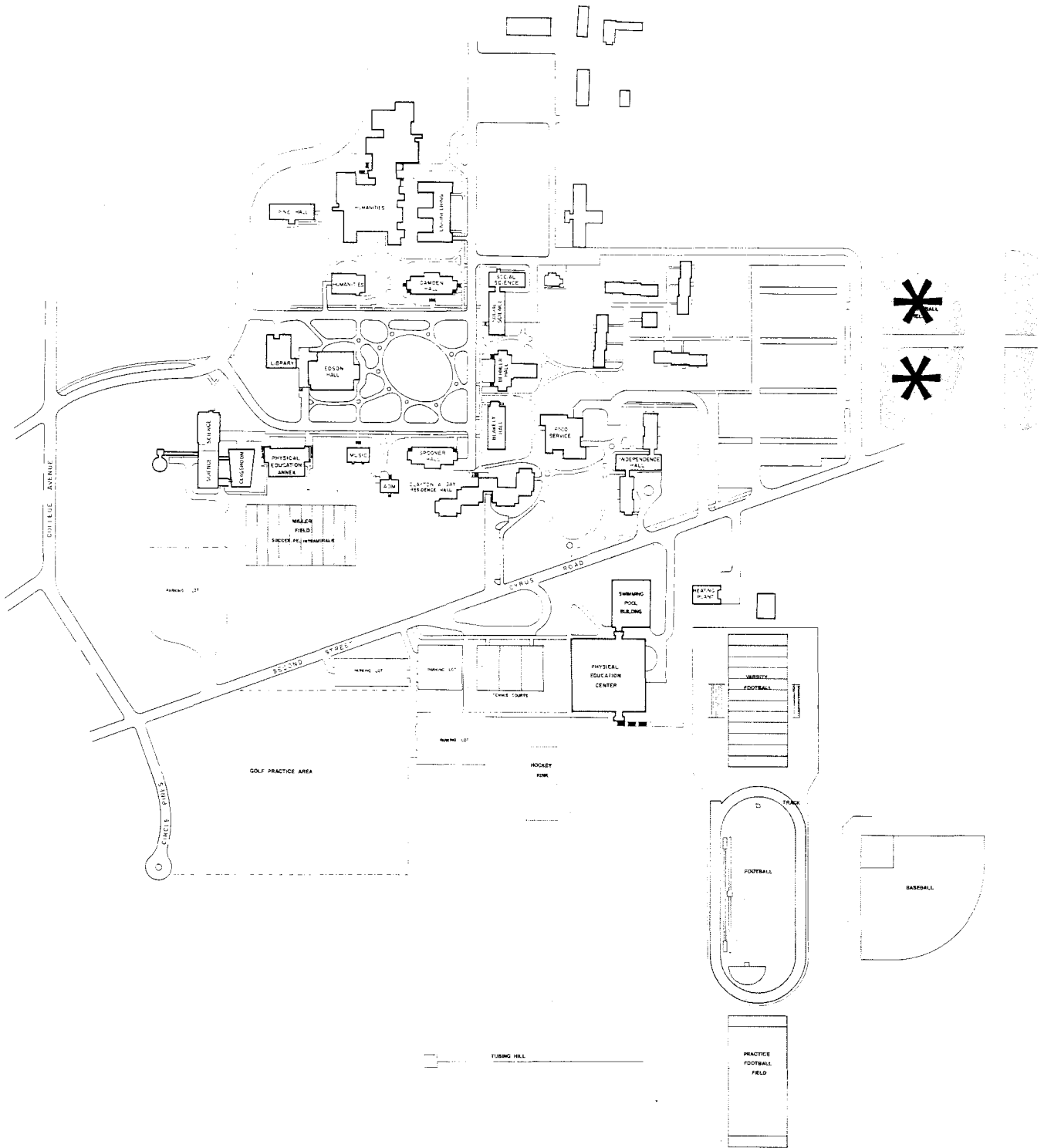
facility Physical Education Swimming Pool

campus Morris

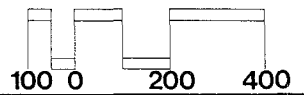
evaluated by Physical Planning & Morris Administration

date built _____

Indoor facilities evaluation sheet



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards							●			
relation to adjacent similar functions				●						
soil and surface conditions		●								
drainage		●								
existing grades		●								
open space value						●				
orientation with respect to function				●						
lighting	●									
other supporting elements and fixtures		●								

statement Unsatisfactory - Major **total points** 40

The same problems apply to this set of softball fields (II) as to Softball Fields I.

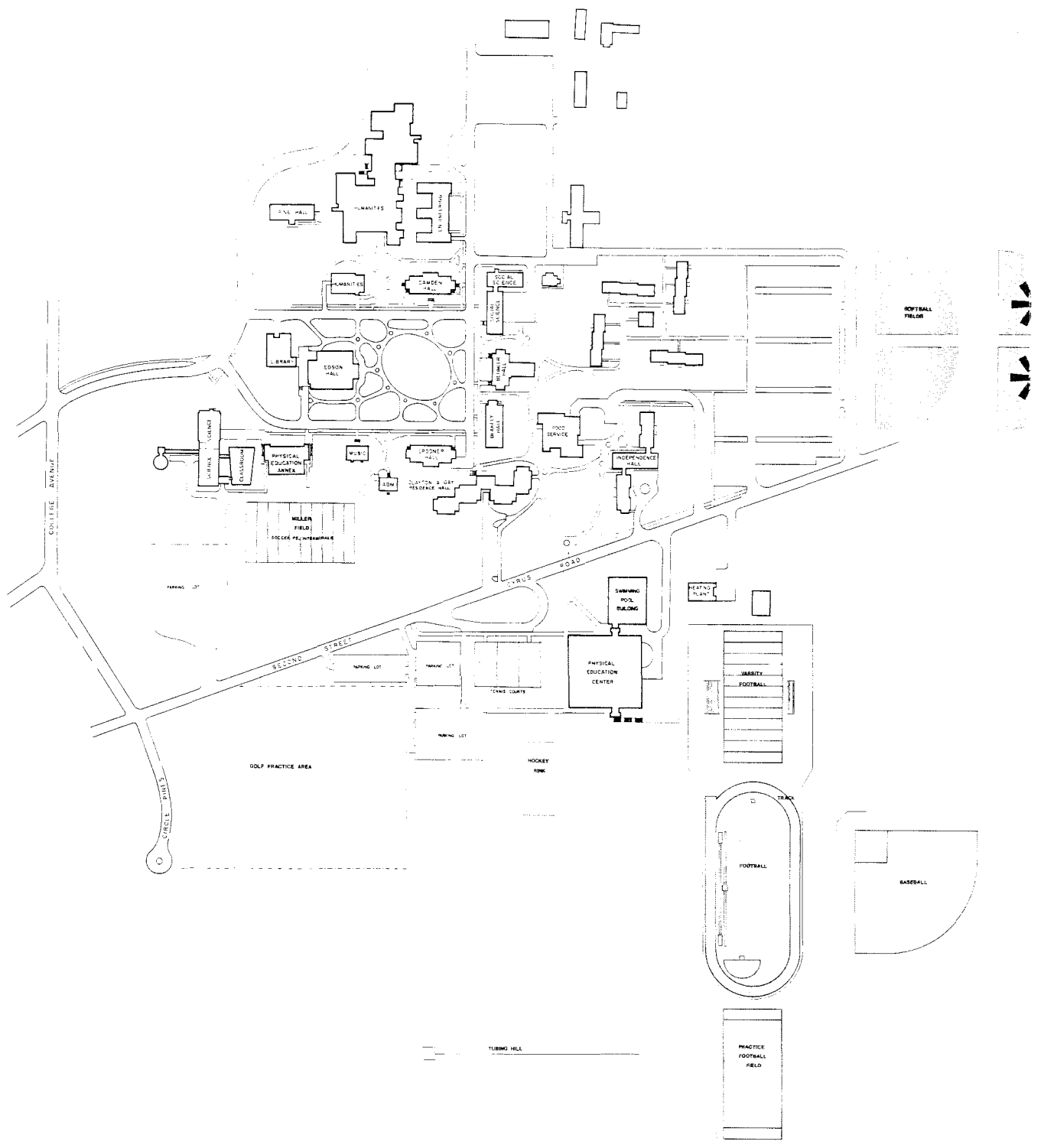
facility Two Softball Fields

campus Morris

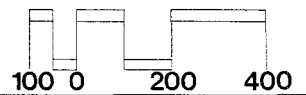
evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet



facility site ✖



university of minnesota
morris

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards							●			
relation to adjacent similar functions			●							
soil and surface conditions			●							
drainage		●								
existing grades		●								
open space value						●				
orientation with respect to function			●							
lighting	●									
other supporting elements and fixtures	●									

statement Unsatisfactory - Major total points 38

The softball fields were never developed with good drainage, surface, lighting or supporting elements such as backstops and bases for baseball.

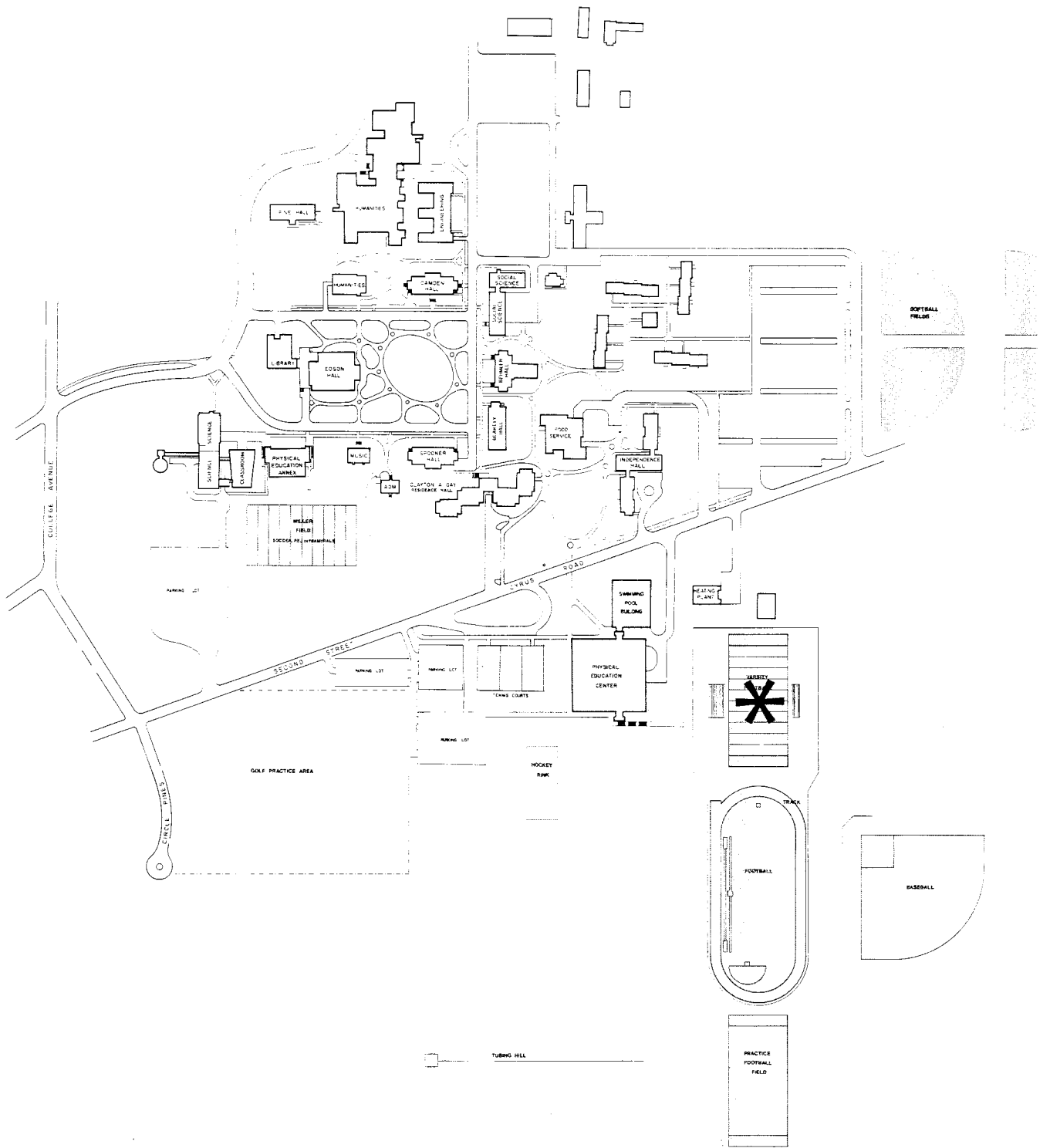
facility Two Softball Fields

campus Morris

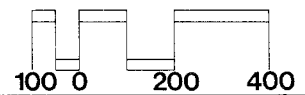
evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use							●			
compliance with functional standards								●		
relation to adjacent similar functions						●				
soil and surface conditions			●							
drainage			●							
existing grades			●							
open space value						●				
orientation with respect to function				●						
lighting	●									
other supporting elements and fixtures	●									

statement Unsatisfactory - Major **total points** 41

This facility suffers from inadequate drainage and surface condition, poor public seating and lighting.

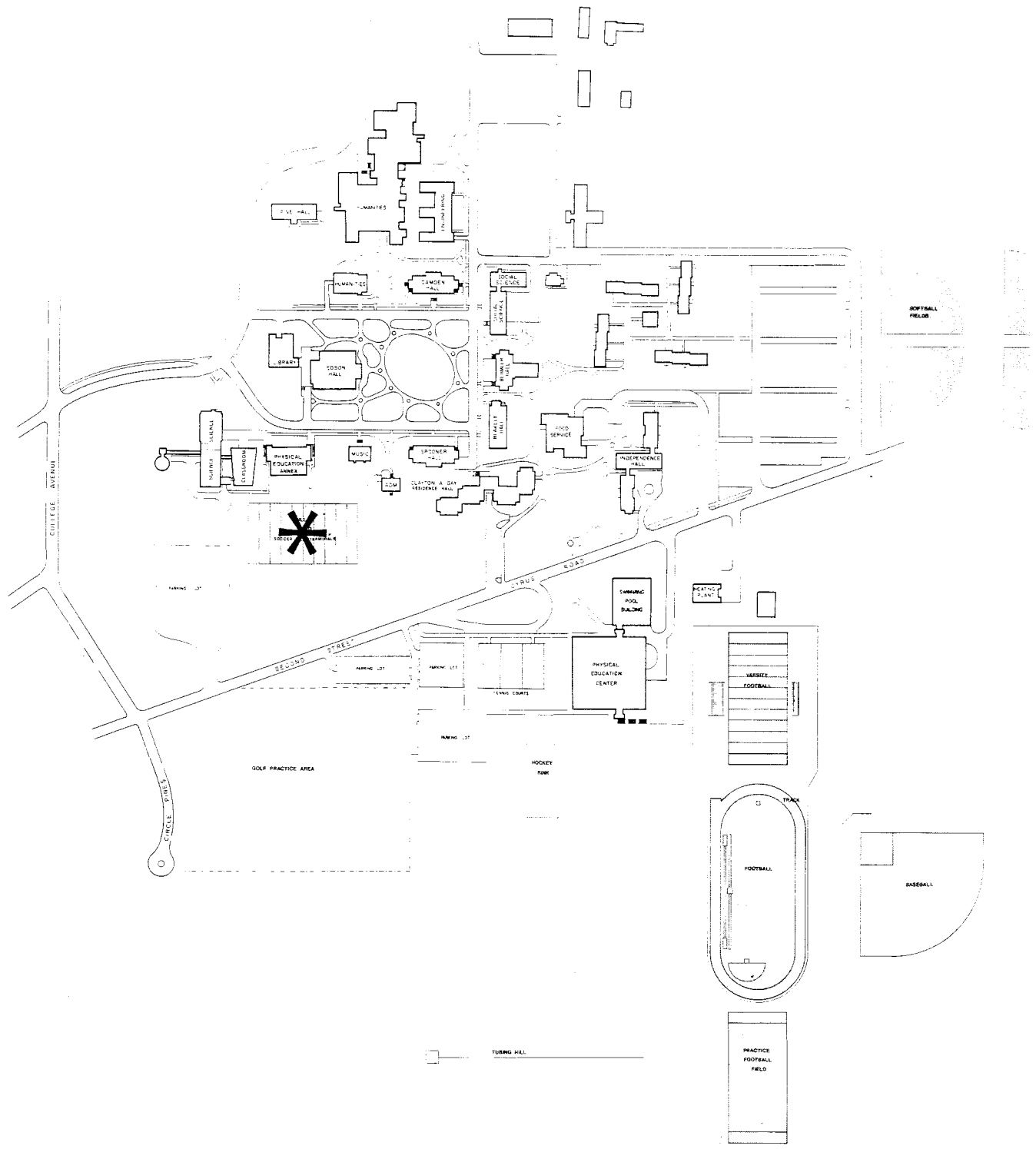
facility Varsity Football Field

campus Morris

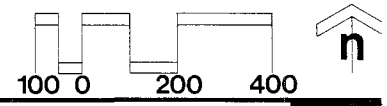
evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet



facility site ✕



university of minnesota
morris

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards				●						
relation to adjacent similar functions		●								
soil and surface conditions				●						
drainage					●					
existing grades						●				
open space value						●				
orientation with respect to function		●								
lighting		●								
other supporting elements and fixtures	●									

statement Unsatisfactory - Major **total points** 42

Soccer fields are in need of turf drainage, renovation of existing lighting and supporting elements. This facility is in poor location vis-a-vis the P.E. Center.

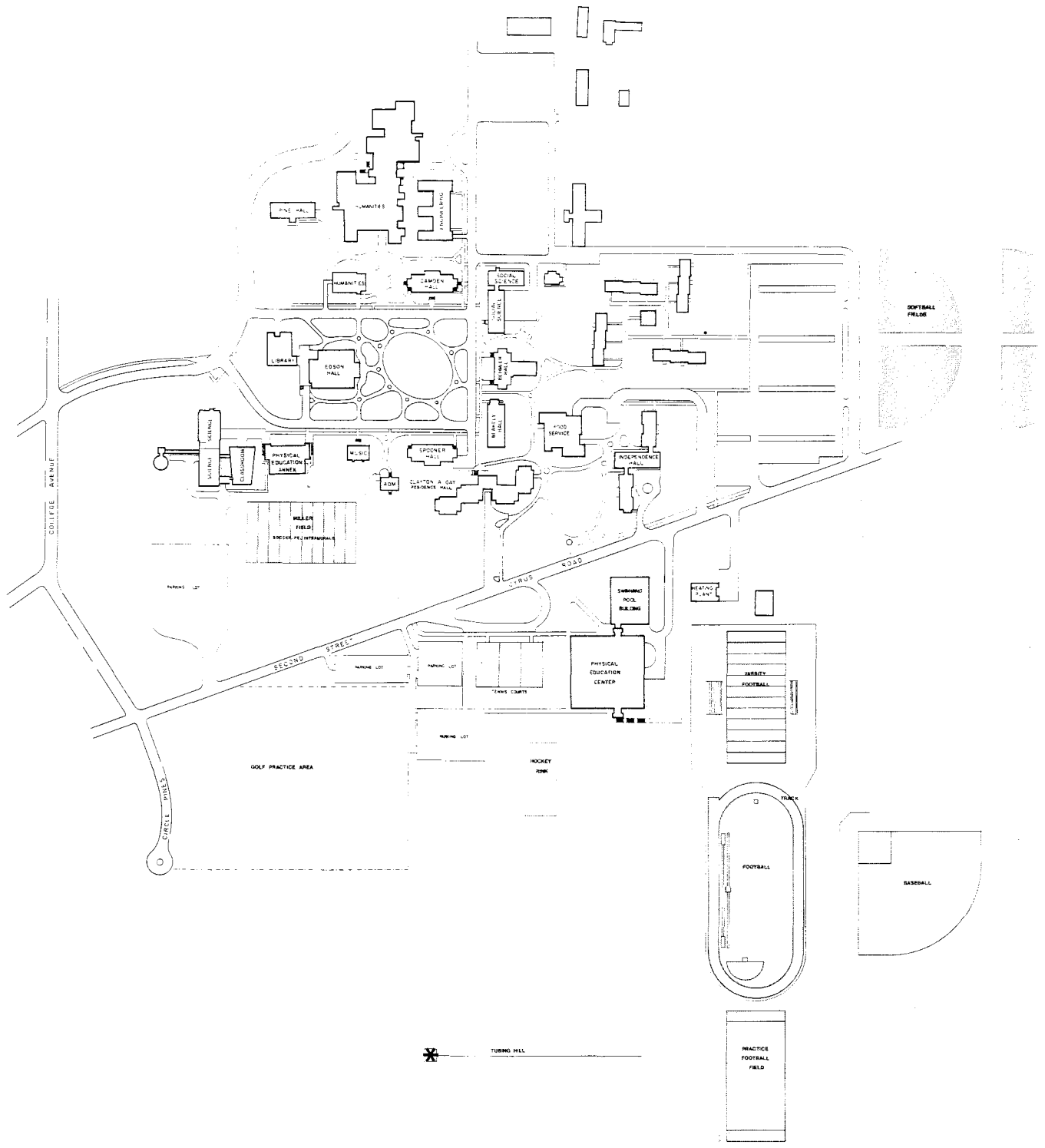
facility Soccer Field

campus Morris

evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards					●					
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions						●	■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting			●	■	■	■	■	■	■	■
other supporting elements and fixtures		●	■	■	■	■	■	■	■	■

statement Satisfactory - Minor **total points** 54

This facility is a joint college and city project. Existing lighting must be upgraded to meet today's standards.

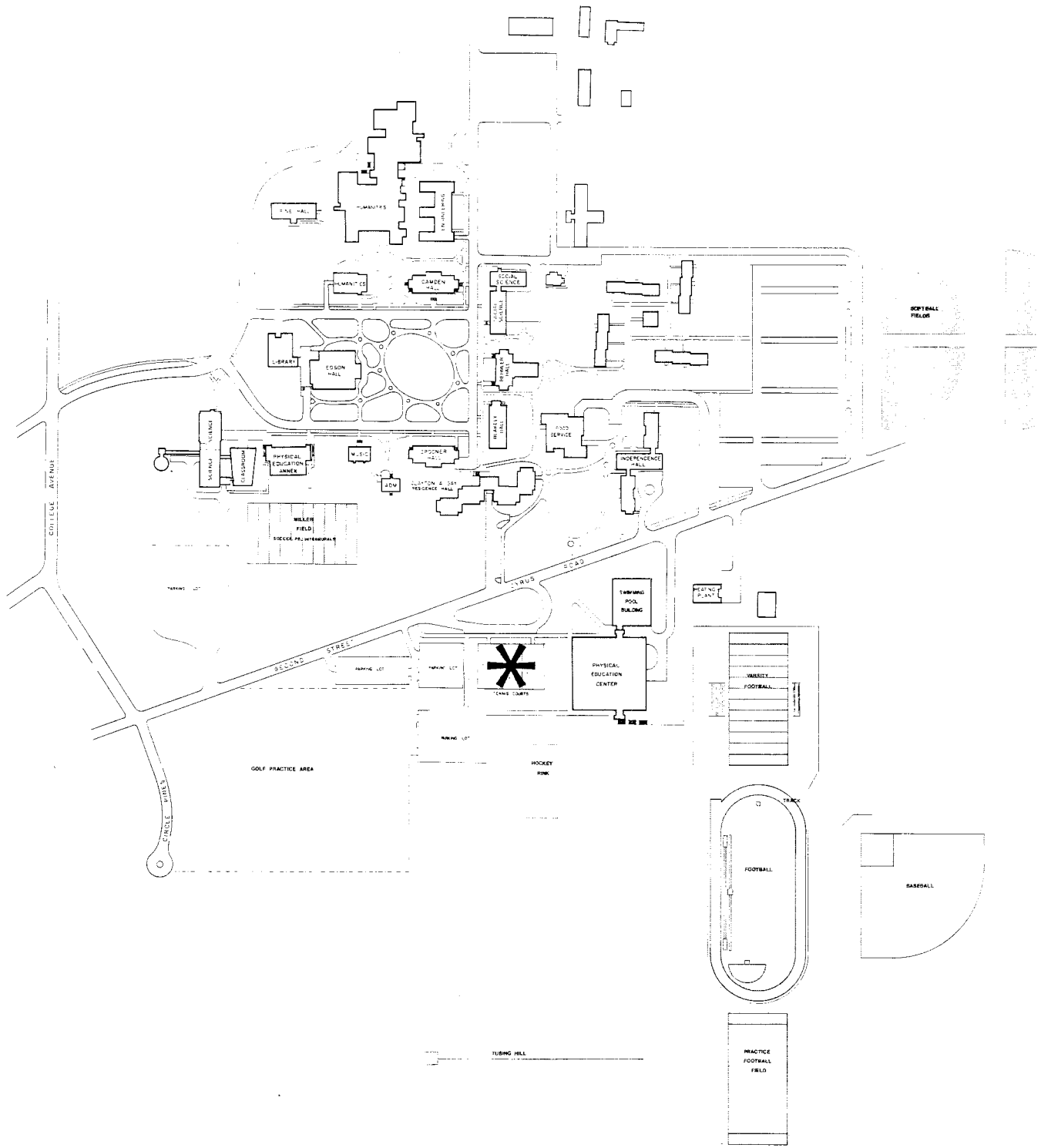
facility Tubing Hill

campus Morris

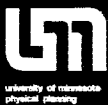
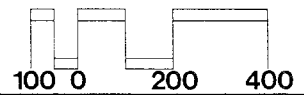
evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●				
soil and surface conditions		●								
drainage						●				
existing grades						●				
open space value						●				
orientation with respect to function				●						
lighting			●							
other supporting elements and fixtures				●						

statement Satisfactory - Minor **total points** 57

The three tennis courts need to be resurfaced and existing lighting reworked to meet today's standards.

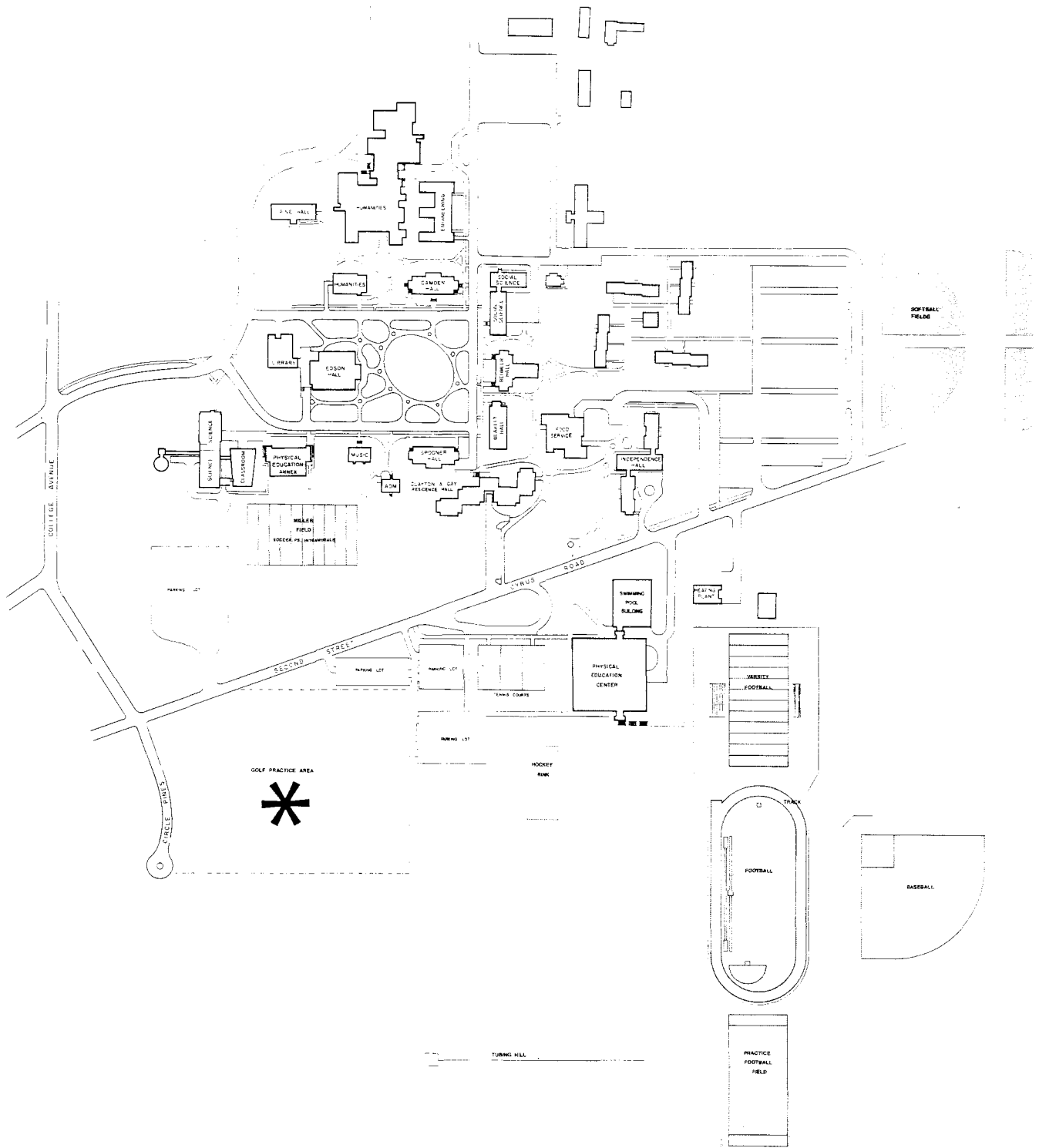
facility Three Tennis Courts

campus Morris

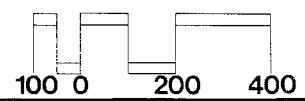
evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards				●						
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions					●		■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting				●	■	■	■	■	■	■
other supporting elements and fixtures	●				■	■	■	■	■	■

statement Satisfactory - Minor **total points** 52

The Golf Practice Area needs some turf work and golf support elements.

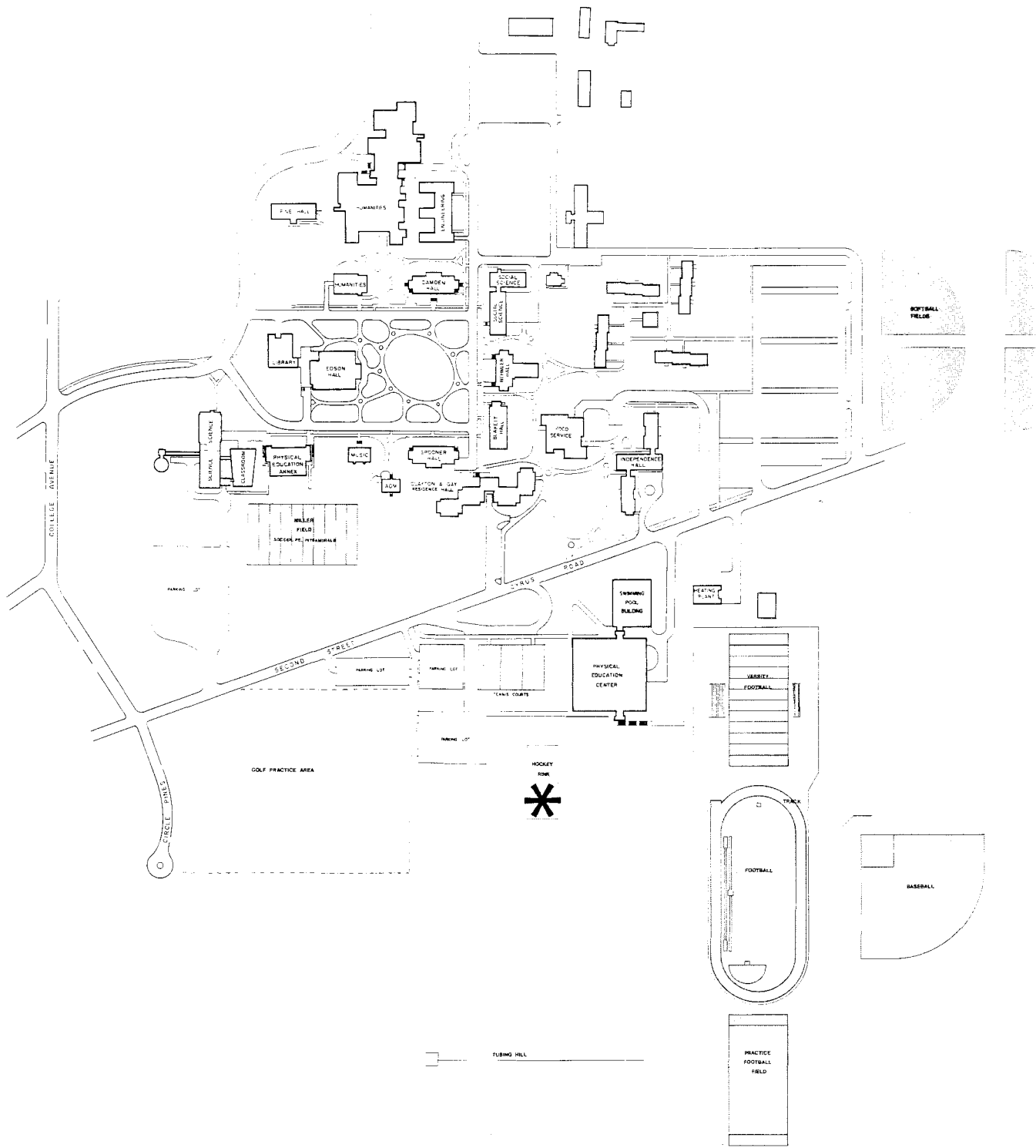
facility Golf Practice Area

campus Morris

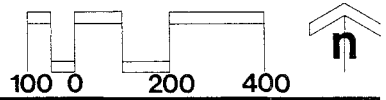
evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use						●				
compliance with functional standards								●		
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions						●	■	■	■	■
drainage						●	■	■	■	■
existing grades					●		■	■	■	■
open space value					●		■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures	●				■	■	■	■	■	■

statement Satisfactory - Minor **total points** 48

The Hockey Rink is in poor location to the Physical Education Center. It is in need of lighting and an adequate water supply for flooding.

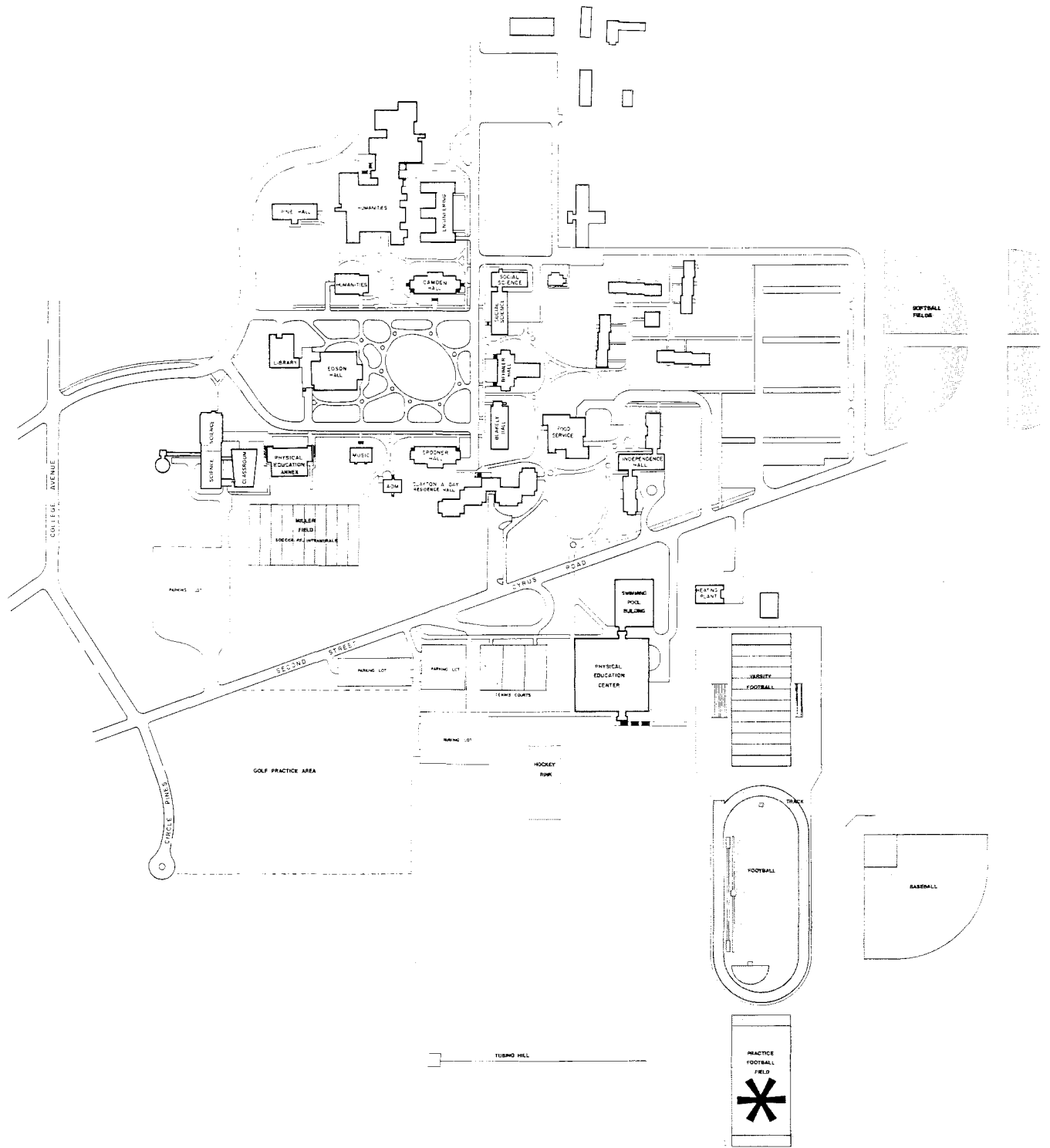
facility Hockey Rink

campus Morris

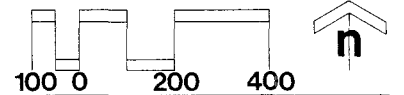
evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions					●		■	■	■	■
soil and surface conditions			●				■	■	■	■
drainage				●			■	■	■	■
existing grades		●					■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting				●	■	■	■	■	■	■
other supporting elements and fixtures				●	■	■	■	■	■	■

statement Satisfactory - Minor **total points** 48

The Practice Football Field needs turf and soil work along with drainage and grading.

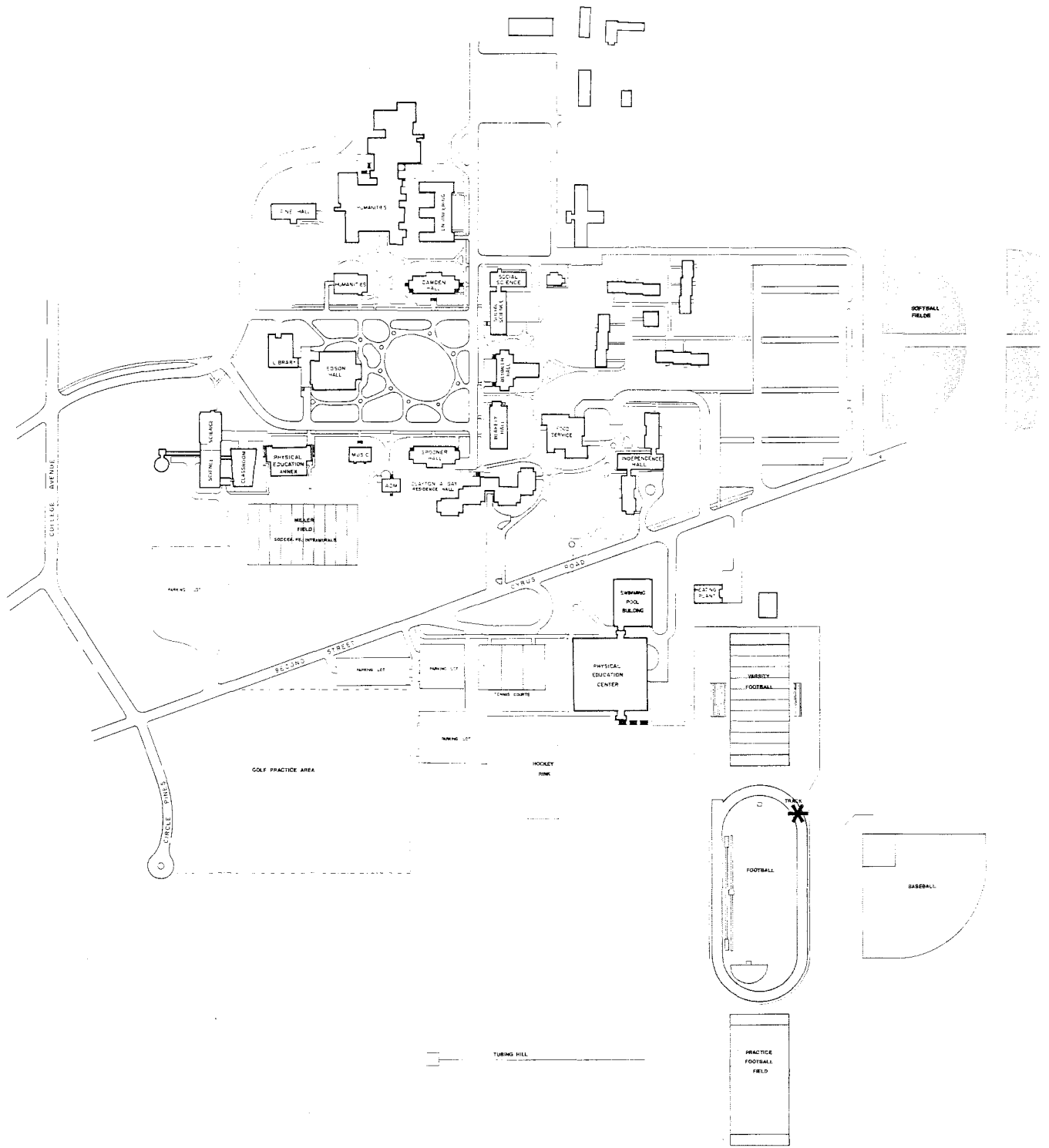
facility Practice Football

campus Morris

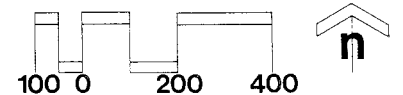
evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards							●			
relation to adjacent similar functions						●				
soil and surface conditions			●							
drainage						●				
existing grades					●					
open space value						●				
orientation with respect to function				●						
lighting	●									
other supporting elements and fixtures	●									

statement Satisfactory - Minor **total points** 49

The Track is in need of surface work and lighting along with supporting elements such as public seating.

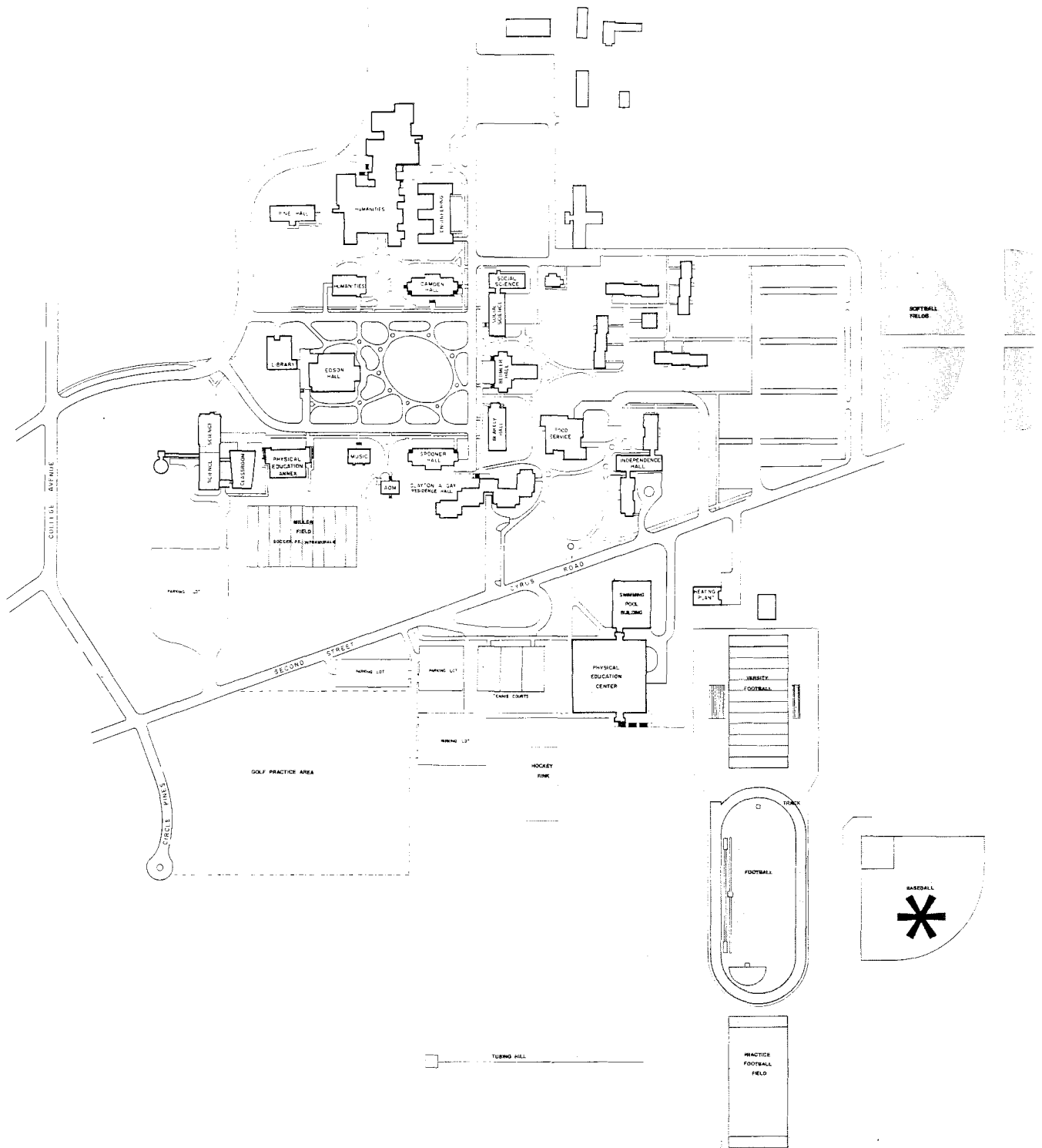
facility Track

campus Morris

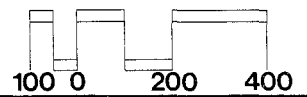
evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



university of minnesota
morris

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions						●	■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures	●				■	■	■	■	■	■

statement Satisfactory - Minor **total points** 56

The existing baseball fields are in need of lighting for night use and supporting elements such as a fence and seating.

facility Baseball Field

campus Morris

evaluated by Physical Planning & Morris Administration

date built _____

Outdoor facilities evaluation sheet

Waseca

Evaluation of Existing Facilities, University of Minnesota, Waseca

Point System:

Indoor Facility Value

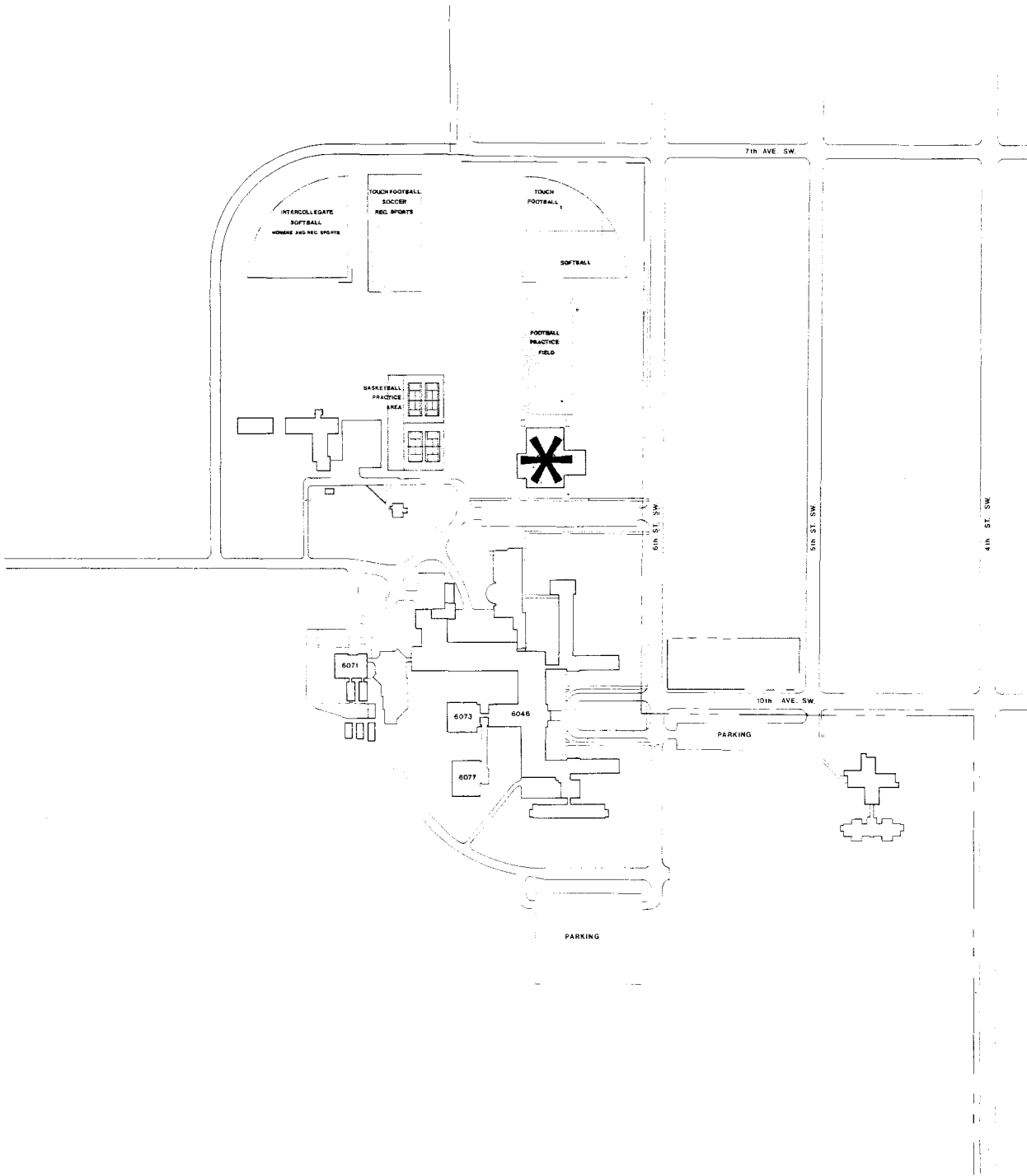
Satisfactory	- Adequate	95-100	Points
	- Minor Remodeling Required	74- 94	Points
Unsatisfactory	- Major Remodeling Required	40- 74	Points
	- Demolish	Under 40	Points

Outdoor Facility Value

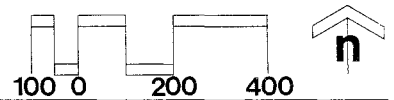
Satisfactory	- Adequate	60- 66	Points
	- Minor Remodeling Required	45- 59	Points
Unsatisfactory	- Major Remodeling Required	20- 44	Points
	- Replace	Under 20	Points

Summary of Study Team Assessment:

Physical Education Building	Unsatisfactory	Major	65
Varsity Practice Field	Satisfactory	Minor	45
Soccer and Touch Football Field	Satisfactory	Adequate	
Volleyball Courts	Satisfactory	Minor	55
Tennis Courts	Satisfactory	Minor	53
Recreational Softball Field	Satisfactory	Minor	45



facility site *



**technical college
waseca**

recreational/athletic facilities study

description

points

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
primary structure	foundation													●	
	wall system												●		
	floor system								●						
	roof system								●						
secondary structure	ceiling system	●													
	interior walls/part.	●													
	windows	●													
	doors	●													
service systems	air handling system			●											
	heating system		●												
	plumbing system					●									
	electrical system			●											
functional standards	assignable space			●											
	suitability			●											
safety standards	OSHA/handicapped	●													

statement Unsatisfactory - Major **total points** 65

Concerns regarding the Physical Education Building:

- The secondary system doors, ceiling and floors throughout the building need refinishing and replacing.
- The service systems are inadequate and below today's service systems standards.
- The building is not equipped with energy-conserving equipment.
- The handicapped safety codes have not been applied to this building.

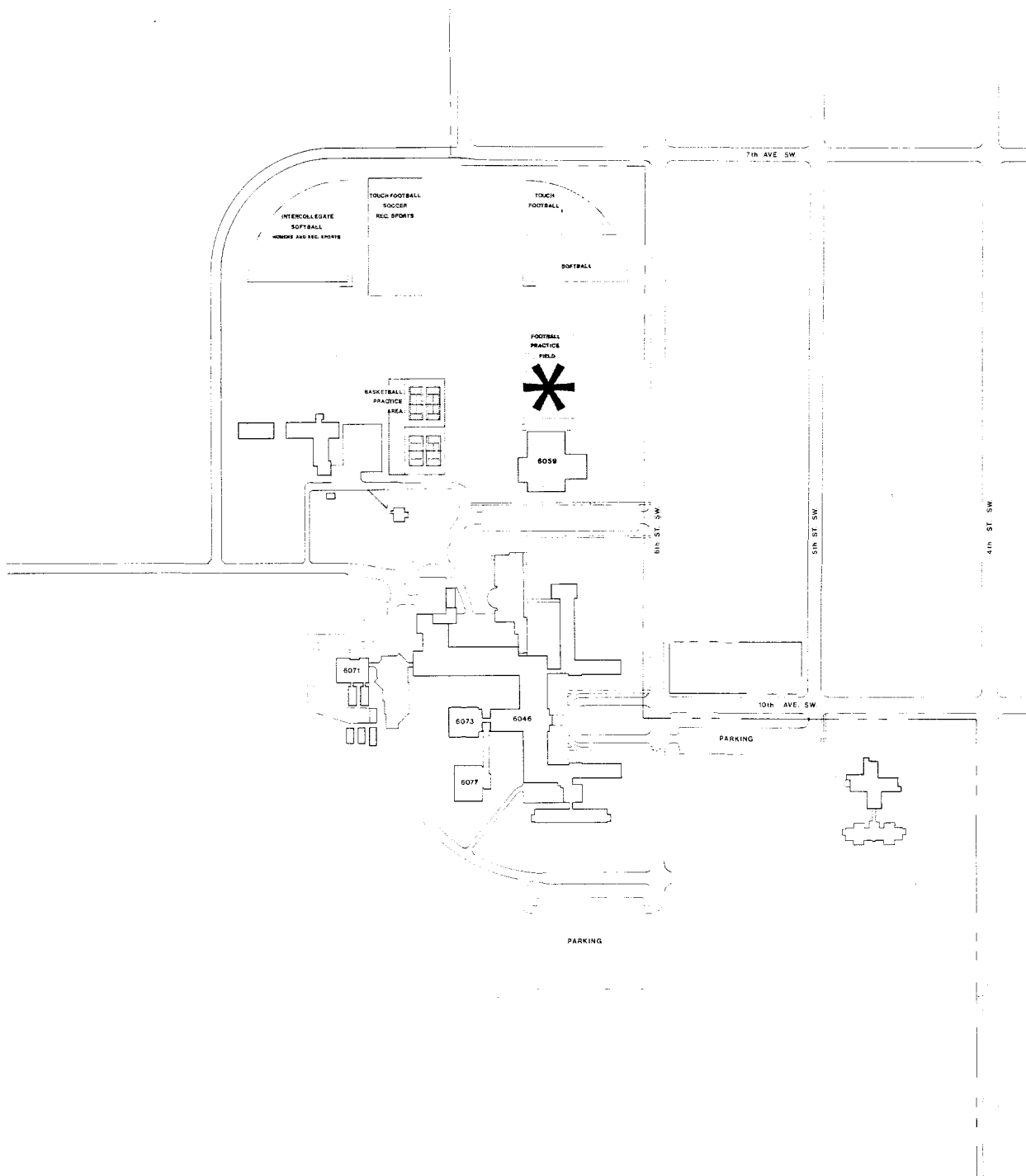
facility Physical Education Building

campus Waseca

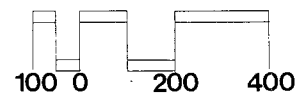
evaluated by Physical Planning & Waseca Administration

date built _____

Indoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards					●					
relation to adjacent similar functions				●						
soil and surface conditions				●						
drainage		●		●						
existing grades										
open space value						●				
orientation with respect to function				●						
lighting				●						
other supporting elements and fixtures		●								

statement Satisfactory - Minor **total points** 45

The Varsity Practice Field lacks good grading, turf drainage and supporting elements used in football.

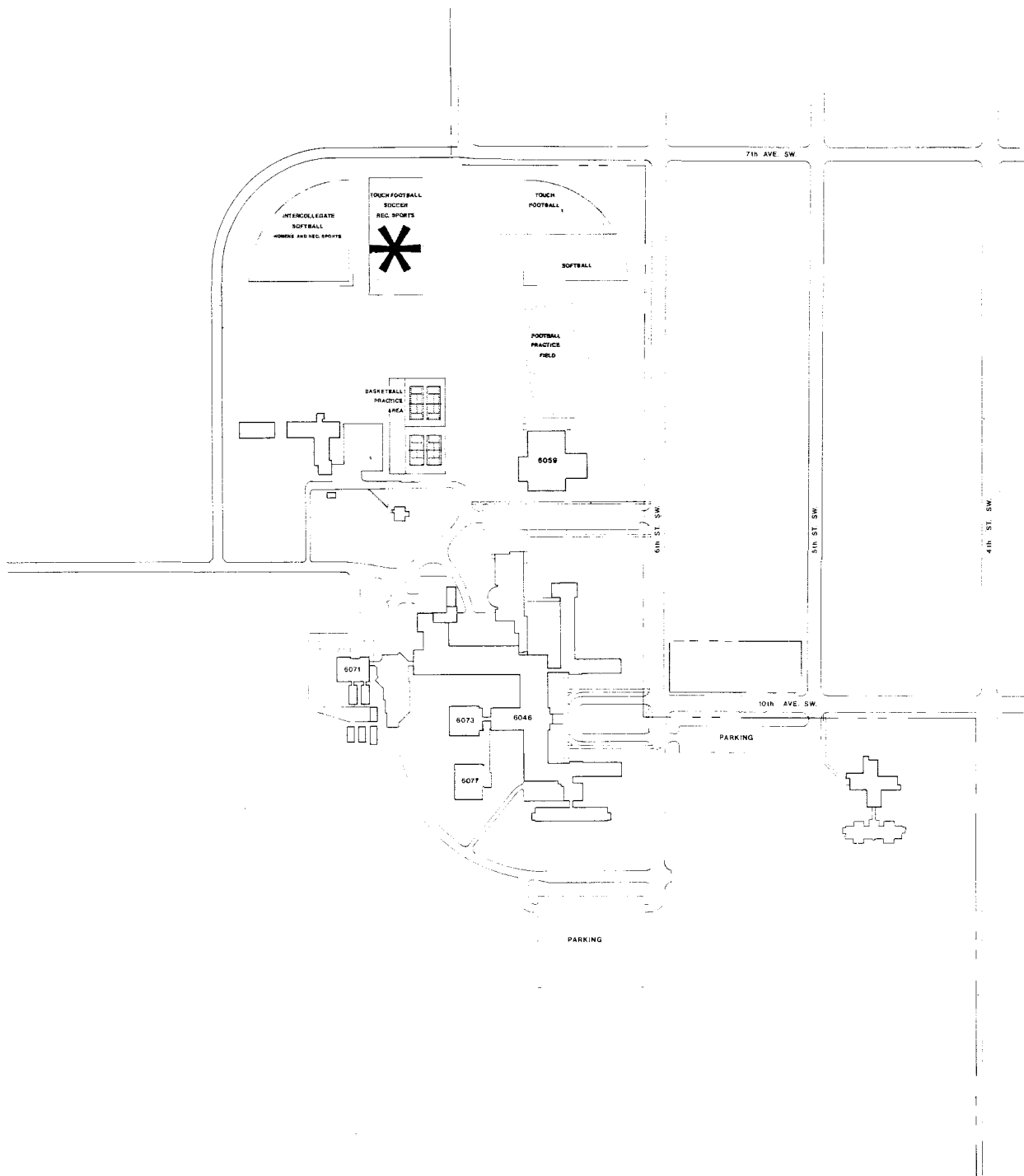
facility Varsity Practice Field

campus Waseca

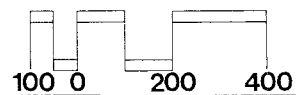
evaluated by Physical Planning & Waseca Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards										●
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions							■	■	■	■
drainage							■	■	■	■
existing grades							■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures					■	■	■	■	■	■

statement Satisfactory **total points** _____

This facility, completed in Fall 1980, upgrades soccer and touch football to meet today's standards.

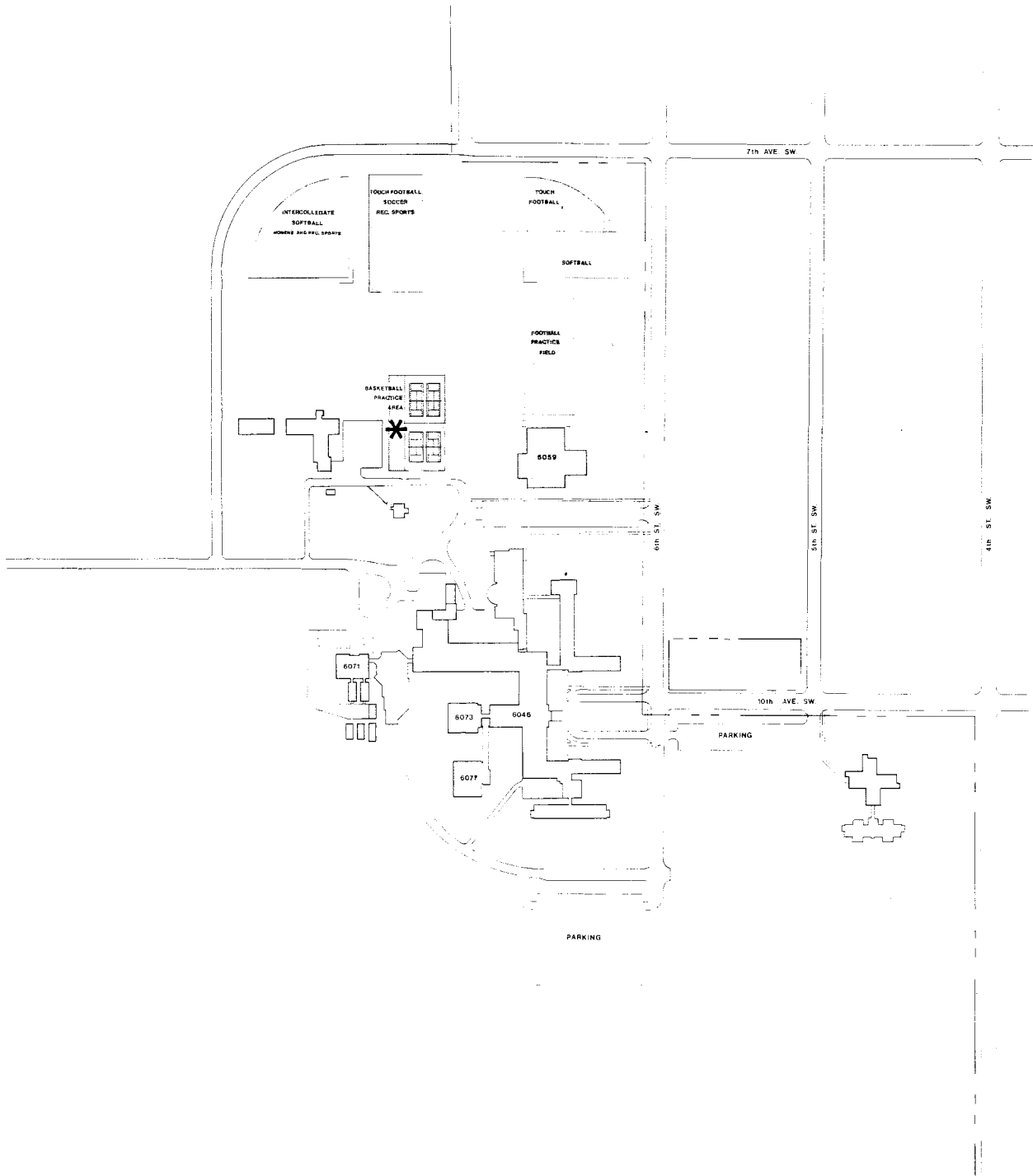
facility Soccer Touch Football Field

campus Waseca

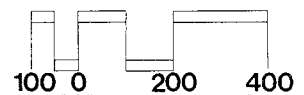
evaluated by Physical Planning & Waseca Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



**technical college
waseca**

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards								●		
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions						●	■	■	■	■
drainage						●	■	■	■	■
existing grades						●	■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures		●			■	■	■	■	■	■

statement Satisfactory **total points** 55

The Volleyball and Basketball Court was constructed in 1980. It could use outdoor lighting for night use and some supporting elements used in these sports.

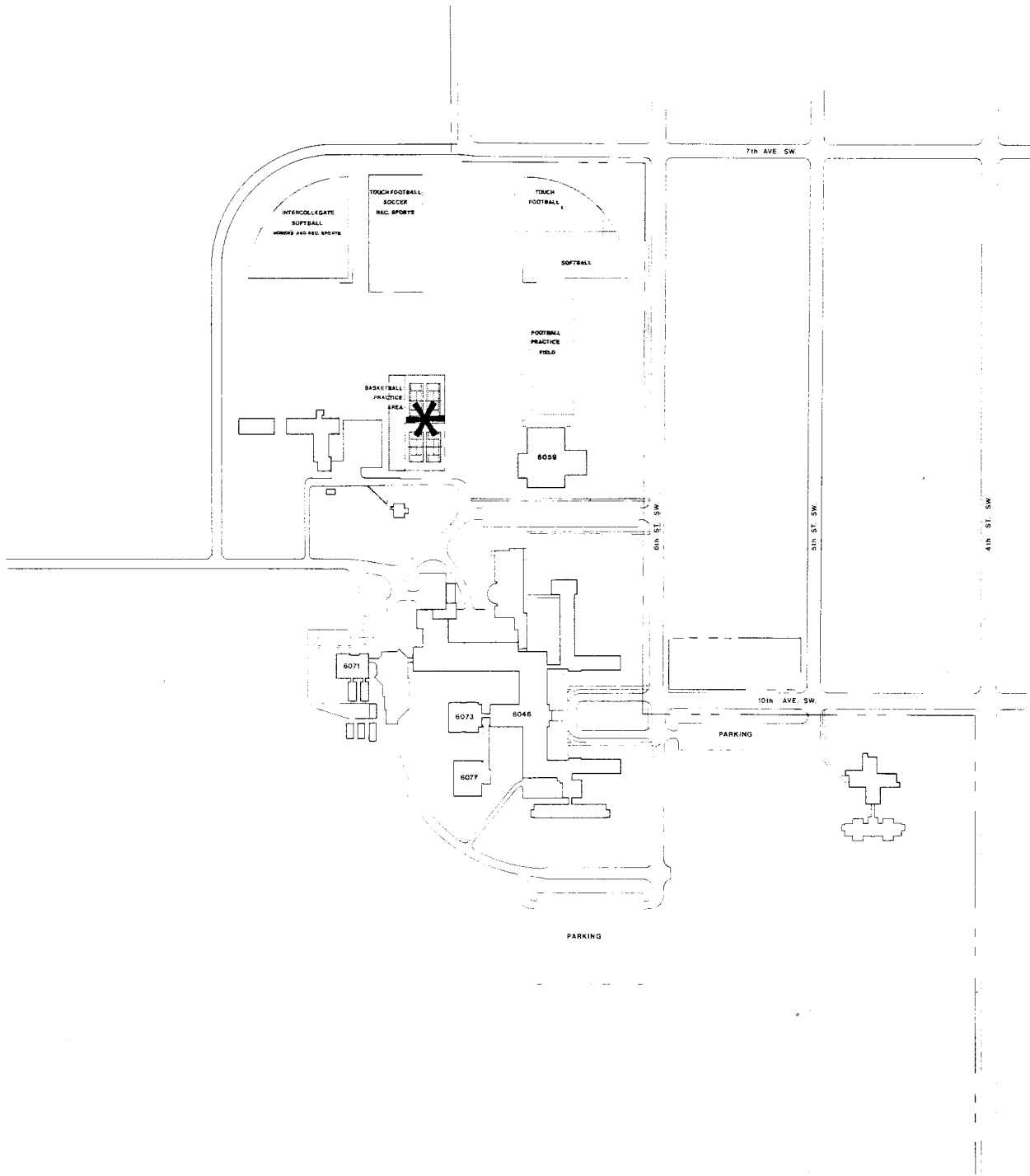
facility Volleyball and Basketball Court

campus Waseca

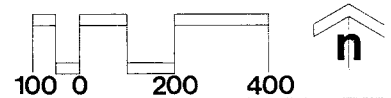
evaluated by Physical Planning & Waseca Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



**technical college
waseca**

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards								●		
relation to adjacent similar functions						●	■	■	■	■
soil and surface conditions						●	■	■	■	■
drainage					●		■	■	■	■
existing grades					●		■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function				●	■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures		●			■	■	■	■	■	■

statement Satisfactory - Minor **total points** 53

The Tennis Courts require some surface and drainage work along with lighting for night use and some supporting elements.

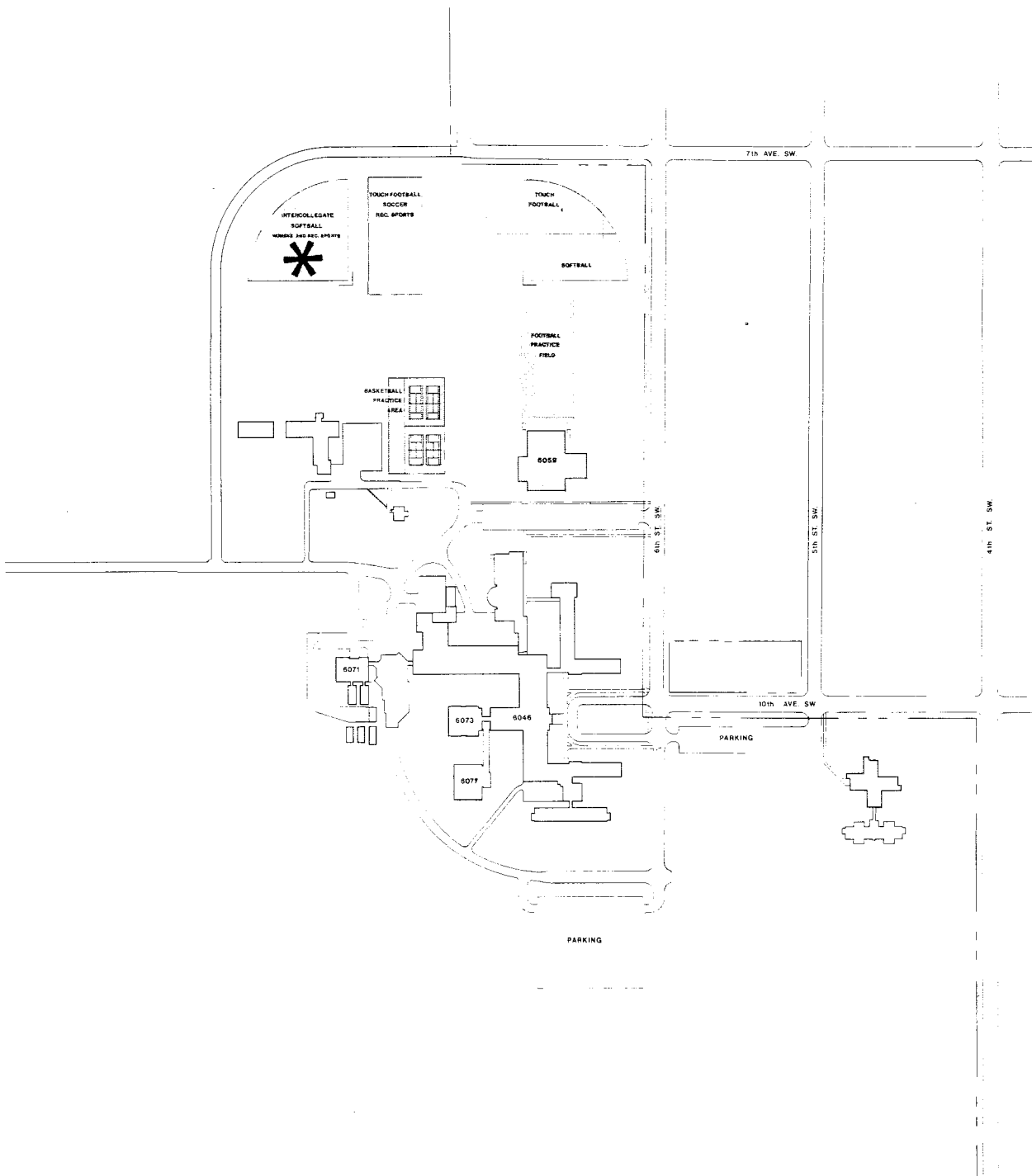
facility Tennis Courts

campus Waseca

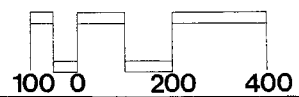
evaluated by Physical Planning & Waseca Administration

date built _____

Outdoor facilities evaluation sheet



facility site *



**technical college
waseca**

recreational/athletic facilities study

description

points

	1	2	3	4	5	6	7	8	9	10
location in regard to future use										●
compliance with functional standards							●			
relation to adjacent similar functions					●		■	■	■	■
soil and surface conditions					●		■	■	■	■
drainage					●		■	■	■	■
existing grades					●		■	■	■	■
open space value						●	■	■	■	■
orientation with respect to function			●		■	■	■	■	■	■
lighting	●				■	■	■	■	■	■
other supporting elements and fixtures		●			■	■	■	■	■	■

statement Satisfactory - Minor **total points** 45

The Recreational Softball Field needs surface drainage and grading work along with lighting and supporting elements.

facility Recreational Softball Field

campus Waseca

evaluated by Physical Planning & Waseca Administration

date built _____

Outdoor facilities evaluation sheet

Summary / Findings

FINDINGS

The general findings as presented here have emerged from the data and analysis of the previous four chapters. A findings statement sheet for each of the four coordinate campuses summarizes general needs by facility and type while referencing the support for the findings with the body of the report.

The Summary/Findings identifies the deficiencies of and the need for facilities with respect to program, however, it does not specify architectural solutions. Before implementing any of the improvements suggested by this study, an architectural planning study should be conducted for each campus. This study should embrace all elements of the campus planning process in order to determine a comprehensive, priority staged and cost effective development plan.

SUMMARY

Chapter One introduced the study, noting that it grew out of a review, by the Board of Regents, of recreational sports facilities on the Twin Cities Campus. In deciding to seek state funds to improve conditions in the Twin Cities, the Board and President C. Peter Magrath agreed that an examination of outstate needs be undertaken by the Office of Physical Planning in consultation with officials on the Crookston, Duluth, Morris and Waseca campuses.

Chapter Two offered enrollment and other data and compared current facilities on the outstate campuses to several facility models. These comparisons offered perspective, though it is emphasized that they must be viewed with care, as they do not speak to the quality of facilities or their appropriate-

ness of use. The particular circumstances of each campus, and each facility is considered in this report.

Chapter Three established programmatic needs of specific recreational and other athletic programs on the four campuses. Campus users and officials were asked to describe each of their programs, paying particular attention to the adequacy of facilities used by each. In other words, examination of buildings and athletic fields focused on programmatic appropriateness.

Chapter Four provided evaluations of existing indoor and outdoor athletic facilities on the coordinate campuses. These on-site inspections were conducted by the Office of Physical Planning and campus officials.

The facilities were also evaluated in terms of their accessibility to disabled individuals. While the findings that follow contain few specific references to accessibility, this is only because such references are implicit in each finding. Any improvements prompted by this report must be made in full accord with Section 504 of the Federal Rehabilitation Act of 1973 and the Minnesota State Building Code.

Crookston

Crookston

The findings statement sheet was developed by synthesizing the Standards and Comparisons, Programmatic Survey and Existing Facility Evaluation.

	Description of Work			Synthesis from Chapter		
	New	Existing		2	3	4
		Renovate	Expand			

Indoor Facilities

Swimming & Diving Pool	●		●		●	●	●
Handball/Racquetball Courts	●		●		●		
Activity Areas	●		●		●		

Outdoor Facilities

Parking	●					●	
Restroom Facilities	●					●	
Outdoor Seating	●					●	
Physical Fitness Trail	●					●	
Golf Green & Driving Range	●					●	
Archery Range	●					●	
Tennis Courts				Provide windscreens		●	●
Baseball & Softball Fields				Fencing and dugouts		●	●

chapter 2 Standards and Comparisons
 chapter 3 Programmatic Surveys
 chapter 4 Evaluation of Existing Facilities

Findings statement sheet

CROOKSTON

STANDARDS AND COMPARISONS, MODEL EVALUATION

The nearly completed Physical Education Building brings Crookston to just below the Sapura/Kenney indoor standard. This study does identify some areas of deficiency (i.e. low ceiling activity areas, inadequate swimming and diving facilities, shortage of handball and racquetball courts).¹

The Wisconsin model deals in overall areas, without a specific breakdown of areas. This model shows Crookston to have adequate space.

The Sapura/Kenney outdoor model suggests that Crookston has adequate general recreational sport fields; however, there does not appear to be a sufficient number of tennis courts.¹

Comparing Crookston with the University of Wisconsin and Minnesota State University campuses having under 3,000 students, Crookston ranks second and first, respectively, in terms of net square footage of indoor space per student.¹

EXISTING FACILITIES

PROGRAMMATIC SURVEY AND FACILITIES EVALUATION

Pool: While the new Physical Education Building will alleviate most of the campus's recreational sports and athletic problems and also serve as a new major community resource for northwestern Minnesota, serious problems remain with the swimming pool. The pool is small and its filtration and temperature control systems are inadequate. There is no direct access

1) The Standards and Comparisons deals with square foot areas, not the quality of the areas. The quality is dealt with in Chapter 4, Facilities Evaluation.

to the pool when the locker room is occupied for other athletic events and it is not accessible for disabled persons. As a result, it seems clear that either major remodeling or a new pool could be justified within the foreseeable future.

NEW FACILITIES
PROGRAMMATIC SURVEY

Parking and Other Support Facilities: There is insufficient parking for popular athletic events. Also lacking are restroom facilities for guests of outdoor events, concession facilities for these events and sufficient seating for football, baseball, softball and track; and there is no press box.

EXISTING OUTDOOR FACILITIES
PROGRAMMATIC SURVEY AND FACILITIES EVALUATION

Tennis Courts: The tennis courts require windscreens.

Baseball and Softball Fields: The existing fields require fencing and dugouts.

Miscellany: Crookston officials would like to conduct additional activities that require a playground area (for basketball, volleyball, etc.); a physical fitness trail; outdoor archery range; lighted outdoor skating area; horse-shoe, and golf green and driving range.

Duluth

Duluth

The findings statement sheet was developed by synthesizing the Standards and Comparisons, Programmatic Survey and Existing Facility Evaluation.

	Description of Work			Synthesis from Chapters		
	New	Existing		2	3	4
		Renovate	Expand			

Indoor Facilities

Physical Education Building		●				●	●
Field House				Redesign problem areas			●
Swimming & Diving Pool	●		●		●	●	●
Locker Facilities	●		●		●	●	●
Office Space	●		●		●	●	
Handball/Racquetball Courts	●		●		●	●	
Multi-purpose Ice Arena	●					●	

Outdoor Facilities

General Recreational Sports Fields	●		●	Add support elements	●	●	●
Tennis Courts			●	Add support elements	●	●	●
Track, Football, Practice Football Fields		●		Add support elements		●	●

chapter 2 Standards and Comparisons
chapter 3 Programmatic Surveys
chapter 4 Evaluation of Existing Facilities

Findings statement sheet

DULUTH

STANDARDS AND COMPARISONS, MODEL EVALUATION

The Sapora/Kenney indoor model shows Duluth to be significantly short of, or completely lacking, low ceiling indoor activity areas; specifically pointed out are swimming and diving facilities, handball and racquetball courts and ancillary space. However, this study model does indicate that the volume of high ceiling gym areas is adequate.¹

The Wisconsin model which deals in overall areas, and not specific facilities indicates a significant shortage of indoor space in general.¹

The Sapora/Kenney outdoor model shows Duluth to be significantly short of general recreational sport fields and tennis courts. However, this model confirms that Duluth has adequate track, football and practice football field areas (i.e. intercollegiate facilities).¹

Comparing the Duluth campus with the University of Wisconsin and Minnesota State University campuses of over 3,000 students, Duluth ranks last and next-to-last, respectively, in terms of net square footage of indoor space per student.¹

EXISTING FACILITIES

PROGRAMMATIC SURVEY AND FACILITIES EVALUATION

Physical Education Building: This building, the second oldest on campus, has a number of severe problems. It is inadequate for disabled persons and does not comply with the present building codes in general respects.

1) The Standards and Comparisons Chapter deals with square foot areas, not the quality of the areas. The quality is dealt with in Chapter 4, Facilities Evaluation.

The electrical and mechanical systems need major renovation. The main gym floor is warped and visibly undulant; and the bleachers in the gymnasium require renovation.

The basement, which houses facilities such as the Human Performance Laboratory and a weight training area, is makeshift and suffers from serious ventilation, noise and other environmental problems.

The pool has filtration deficiencies, and because of lack of depth, a three meter diving board has been removed for safety reasons. In general, the pool has outdated service and functional systems.

The Physical Education facility has inadequate locker rooms and insufficient office space for faculty and staff, as well as general lack of support elements.

Field House: This facility is in good condition with the exception of the seal where the steel wall meets the foundation wall; water leakage and some cracking is evident. If repairs are not made, the situation will get worse and may result in serious problems.

As pointed out in the Programmatic Survey, this facility uses the inadequate locker rooms and showers which are located in the Physical Education Building; therefore, problems associated with these facilities are repeated here while compounding the problems in the Physical Education Building. Also, there is a lack of office space for recreational sports operations (currently housed in very small quarters within the Field House).

NEW FACILITIES
PROGRAMMATIC SURVEY AND FACILITIES EVALUATION

Multi-purpose Ice Arena: There is strong interest in hockey and other ice sports and activities in Minnesota and particularly at the Duluth Campus. Two outdoor ice sheets are maintained during the winter months, however, the campus lacks an indoor facility.¹ Students use community rinks, which causes unfortunate, but understandable, University-community friction. A multi-purpose ice arena would ameliorate this problem and serve UMD's recreational, physical, education and inter-collegiate programs (with emphasis on the first two programs).

EXISTING OUTDOOR FACILITIES
PROGRAMMATIC SURVEY AND FACILITIES EVALUATION

The major problem with most of the recreational sport fields is the fact that the activities take place on undeveloped open space in a makeshift arrangement, and without any supporting elements to speak of. As a practical matter, recreational sports fields, as such, do not exist on the Duluth campus.

Football Field (Griggs Stadium): This facility is adequate to meet program needs, but may require some renovation and new supporting elements to equal today's stadium standards.

1) These ice sheets became nonfunctional last year. The sheets were used only for broomball.

Morris

Morris

The findings statement sheet was developed by synthesizing the Standards and Comparisons, Programmatic Survey and Existing Facility Evaluation.

	Description of Work			Synthesis from Chapters		
	New	Existing		2	3	4
		Renovate	Expand			

Indoor Facilities

Physical Education Building				Handicapped codes			●
Physical Education Annex		●		To current standards		●	●
Handball/Racquetball Courts	●		●		●		
Field House	●					●	
Multi-purpose Ice Arena	●					●	

Outdoor Facilities

Golf Practice Area		●				●	●
Soccer Field		●				●	●
Tennis Courts	●				●		

chapter 2 Standards and Comparisons
 chapter 3 Programmatic Surveys
 chapter 4 Evaluation of Existing Facilities

Findings statement sheet

MORRIS

STANDARDS AND COMPARISONS, MODEL EVALUATION

The Sapura/Kenney indoor model shows Morris to have adequate space, but suggests that Morris has a less than optimum number of handball and racquetball courts.¹

The Wisconsin model deals in overall areas without a specific breakdown by type. This model indicates adequate indoor space in gross terms.¹

The Sapura/Kenney outdoor model suggests that Morris has adequate general recreational sport fields; however, there does not appear to be a sufficient number of tennis courts.¹

Comparing Morris with the University of Wisconsin and Minnesota State University campuses having under 3,000 students, Morris ranks second and first, respectively, in terms of net square footage of indoor space per student.¹

Physical Education Annex: While recreational sports and athletic facilities at Morris are some of the best in the state, difficult scheduling problems exist. A number of these problems center on the Physical Education Annex, an old building that has severe limitations as an athletic facility. Courts are undersized and locker facilities are wanting. Dating to the 1930's, this building is used mostly by Student Activities for dances and other special events.

1) The Standards and Comparisons Chapter deals with square foot areas, not the quality of the areas. The quality is dealt with in Chapter 4, Facilities Evaluation.

NEW FACILITIES
PROGRAMMATIC SURVEY

Field House: The identified deficiencies of programmatic needs for indoor facilities could be met by a carefully planned field house. A field house has always been a part of the long-range plan for the Physical Education and Athletic Center on the Morris campus.

Indoor Ice Rink: A facility would meet the desires of a variety of recreational sports and athletic ice programs.

EXISTING OUTDOOR FACILITIES
PROGRAMMATIC SURVEY AND FACILITIES EVALUATION

Golf Practice Area: Morris has a golf practice area in a rudimentary stage of development. It could be developed into a three-hole golf area for instructional and recreational use.

Soccer Field: This field needs upgrading and lighting.

Waseca

Waseca

The findings statement sheet was developed by synthesizing the Standards and Comparisons, Programmatic Survey and Existing Facility Evaluation.

	Description of Work				Synthesis from Chapters		
	New	Existing			2	3	4
		Renovate	Expand	Comment			

Indoor Facilities

Physical Education Building		●		Reuse space			●
Gymnasium	●		●		●	●	●
Locker Facilities	●		●		●	●	●
Office Space	●		●		●	●	●
Handball/Racquetball Courts	●		●		●	●	

Outdoor Facilities

Football Field	●				●	●	
Outdoor Track	●				●	●	
Tennis Courts	●				●		

<p>chapter 2 Standards and Comparisons chapter 3 Programmatic Surveys chapter 4 Evaluation of Existing Facilities</p>

Findings statement sheet

WASECA

STANDARDS AND COMPARISONS, MODEL EVALUATION

The Sapora/Kenney indoor model shows Waseca to be significantly short of, or completely lacking high ceiling gym areas, low ceiling activity areas, swimming and diving pools, handball and racquetball courts and ancillary space.¹

The Wisconsin model deals in overall areas, without a specific break down of facility areas. It shows Waseca to be significantly short of indoor space in general.¹

The Sapora/Kenney outdoor model shows Waseca to be significantly short of tennis courts and football practice fields. However, Waseca does appear to have adequate recreational open space.¹

Comparing Waseca with the University of Wisconsin and Minnesota State University campuses of under 3,000 students, Waseca ranks next-to-last and last, respectively, in terms of net square footage of indoor space per student.¹

EXISTING FACILITIES

PROGRAMMATIC SURVEY AND FACILITIES EVALUATION

Physical Education Building: The gymnasium and its support facilities are inadequate for Waseca's needs. The basketball floor is undersized and locker rooms are severely cramped. There are no handball or racquetball

- 1) The Standards and Comparisons Chapter deals with square foot areas, not the quality of the areas. The quality is dealt with in Chapter 4, Facilities Evaluation.

courts or other features that mark a modern physical education center. The campus, simply, requires a new physical education building.

NEW FACILITIES
PROGRAMMATIC SURVEY AND FACILITIES EVALUATION

Physical Education Building: See above.

NEW OUTDOOR FACILITIES
PROGRAMMATIC SURVEY AND FACILITIES EVALUATION

Football Field: Waseca does not have a football field and must use a community field. Adverse weather can restrict the College's use of the existing practice field.

Outdoor Track: The campus also lacks an outdoor track and, again, must use community facilities.