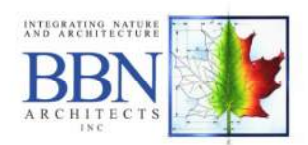




MANHATTAN
TECH

MANHATTAN AREA TECHNICAL COLLEGE

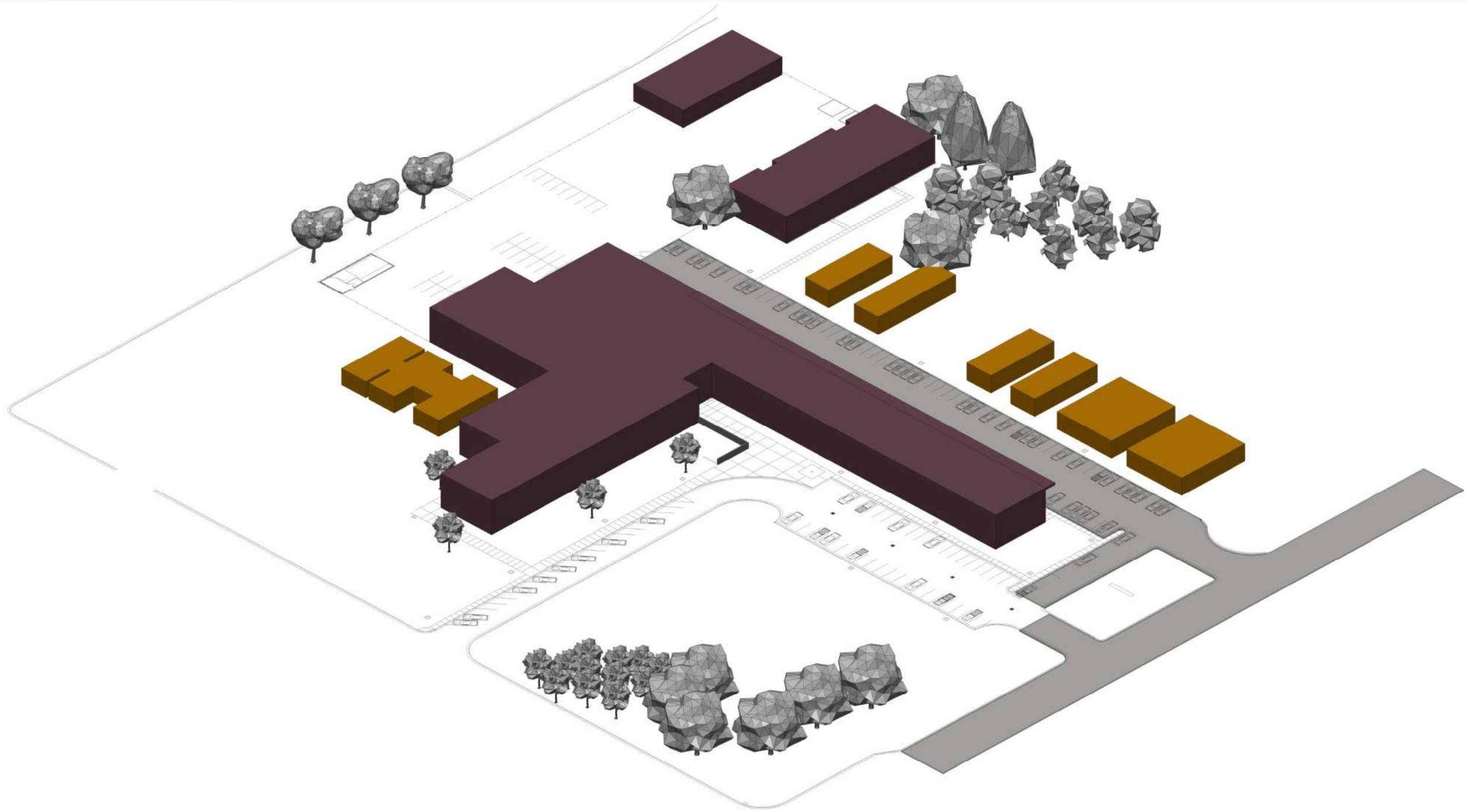
MATC CONCEPTUAL MASTER PLAN





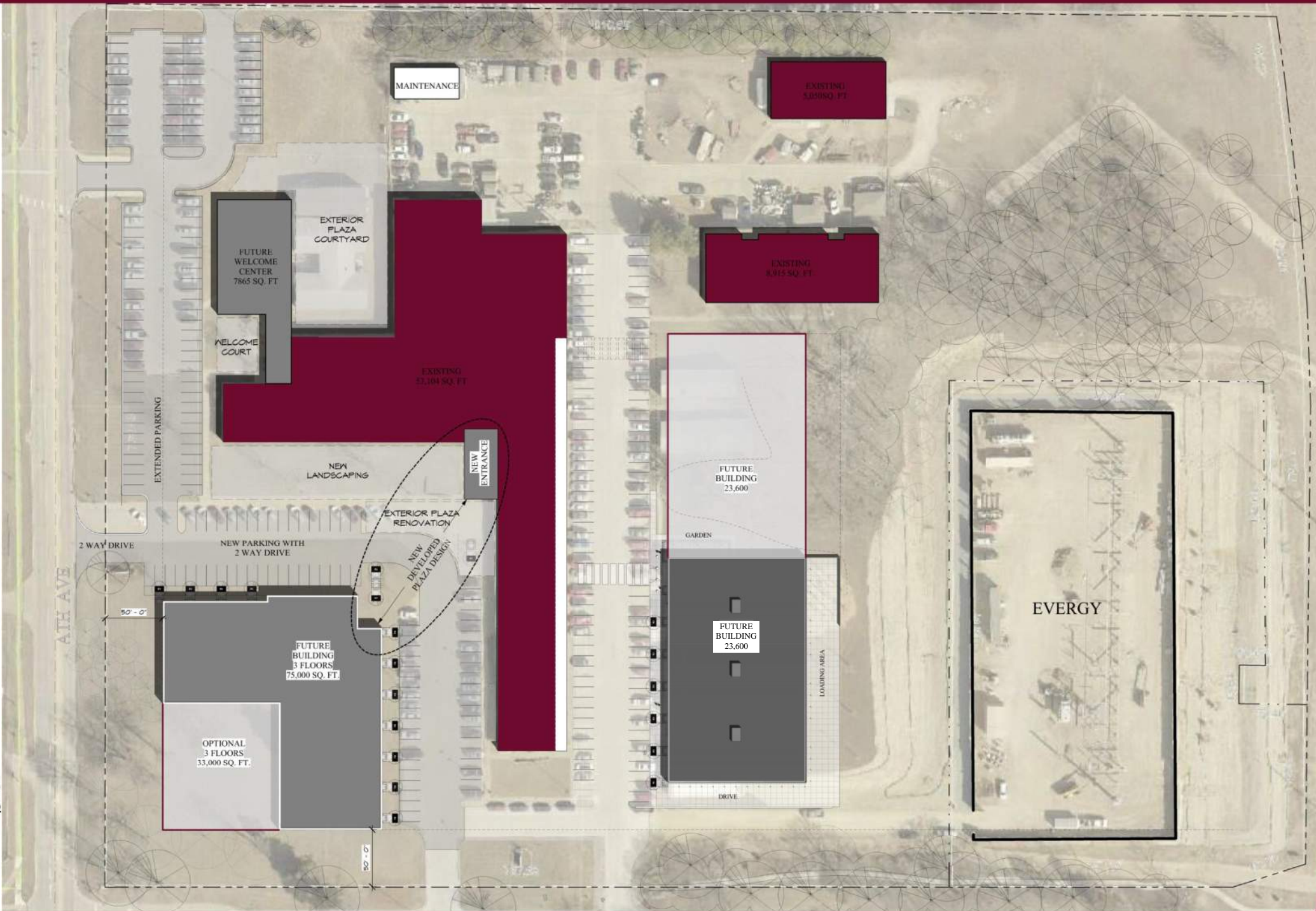
MATC CONCEPTUAL MASTER PLAN
MANHATTAN CAMPUS AERIAL



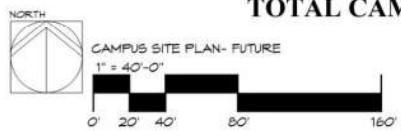


MATC CONCEPTUAL MASTER PLAN
MANHATTAN CAMPUS MASS MODEL PERSPECTIVE





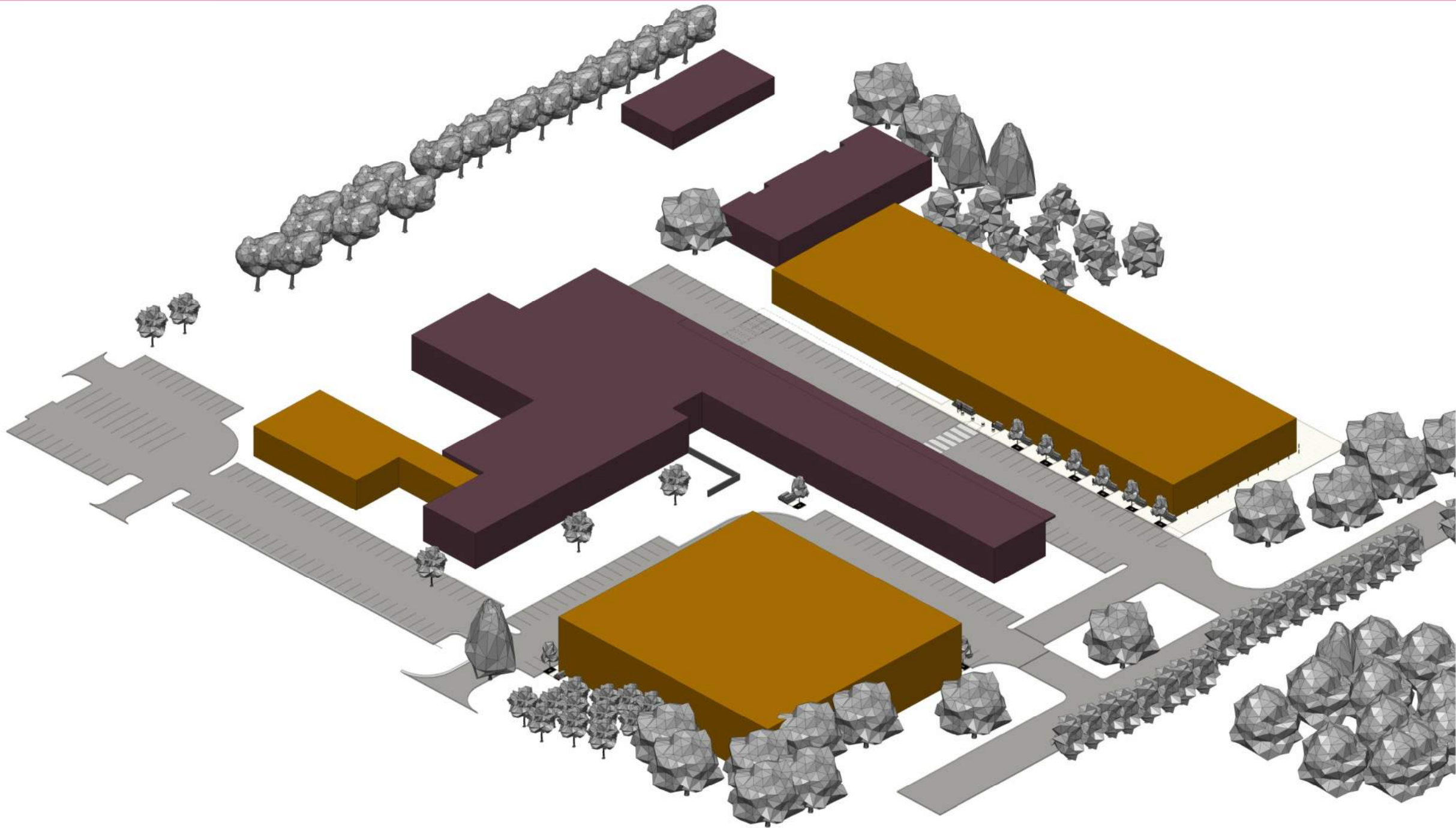
TOTAL EXISTING SPACE TO REMAIN: 67,095 SQ. FT. 29.2%
 TOTAL FUTURE BUILDING POTENTIAL: 163,065 SQ. FT. 70.8%
TOTAL CAMPUS: 230,160 SQ. FT.



MATC CONCEPTUAL MASTER PLAN

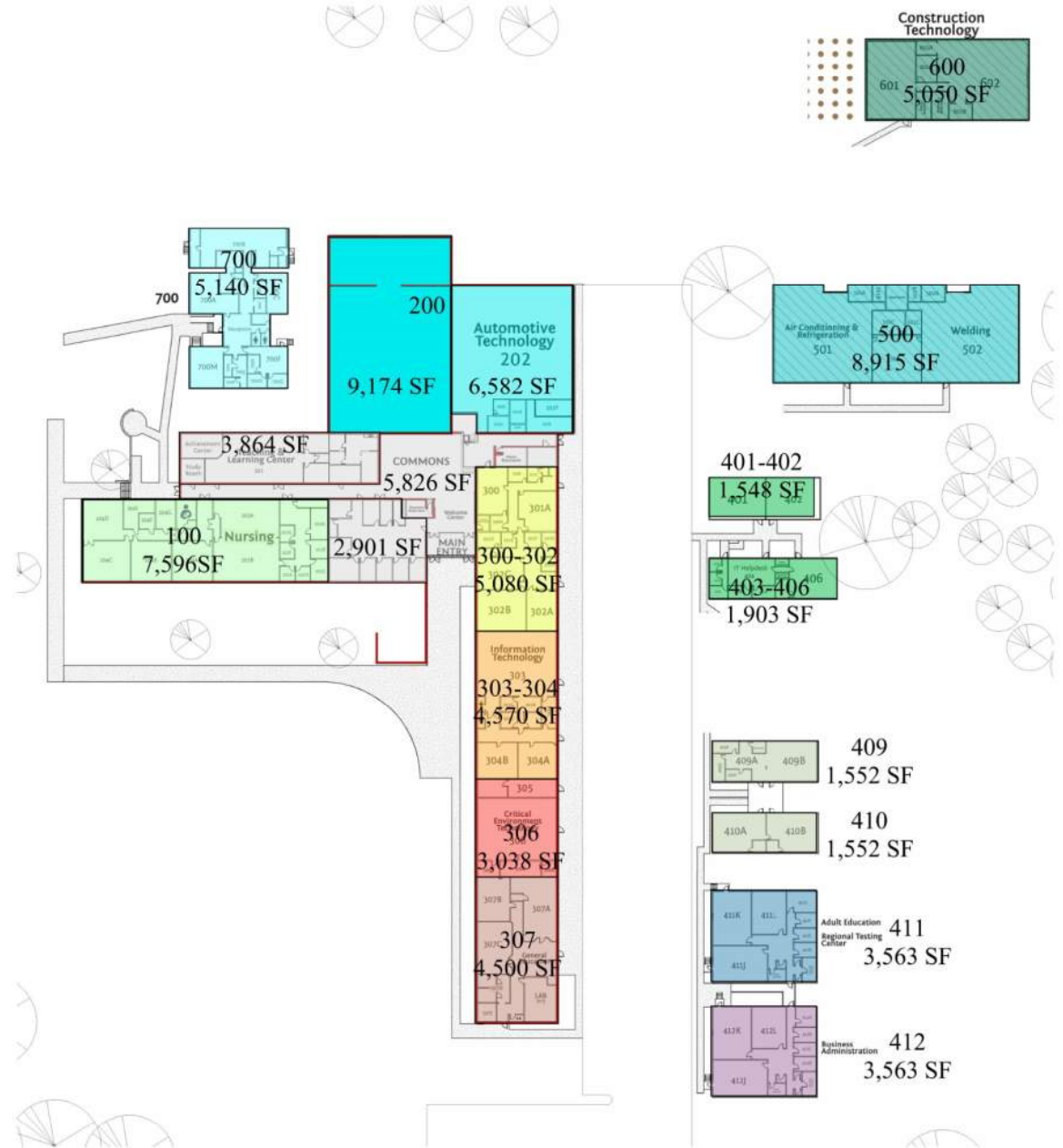
CAMPUS SITE PLAN- FUTURE



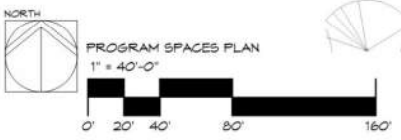


MATC CONCEPTUAL MASTER PLAN
MANHATTAN CAMPUS MASS MODEL CONCEPT





NURSING	7,596
ELEC POWER & DIST.	9,174
AUTO TECH	6,582
SCIENCES	5,080
INFO TECH	4,570
CRITICAL ENV.	3,038
GEN. ED.	4,500
CONST. TECH	5,050
AIR COND. REF.	4,457
WELDING	4,457
IT HELPDESK	1,903
IT CLASSROOMS	1,548
409 AND 410 CLR	3,104
ADULT ED	3,563
BUSINESS ADMIN	3,563
TEACH & LEARN CTR	3,864
ADMIN	2,901
COMMONS & HALL	5,826
DENTAL HYGEN	5,140
TOTAL AREA	85,916 SF



MATC CONCEPTUAL MASTER PLAN

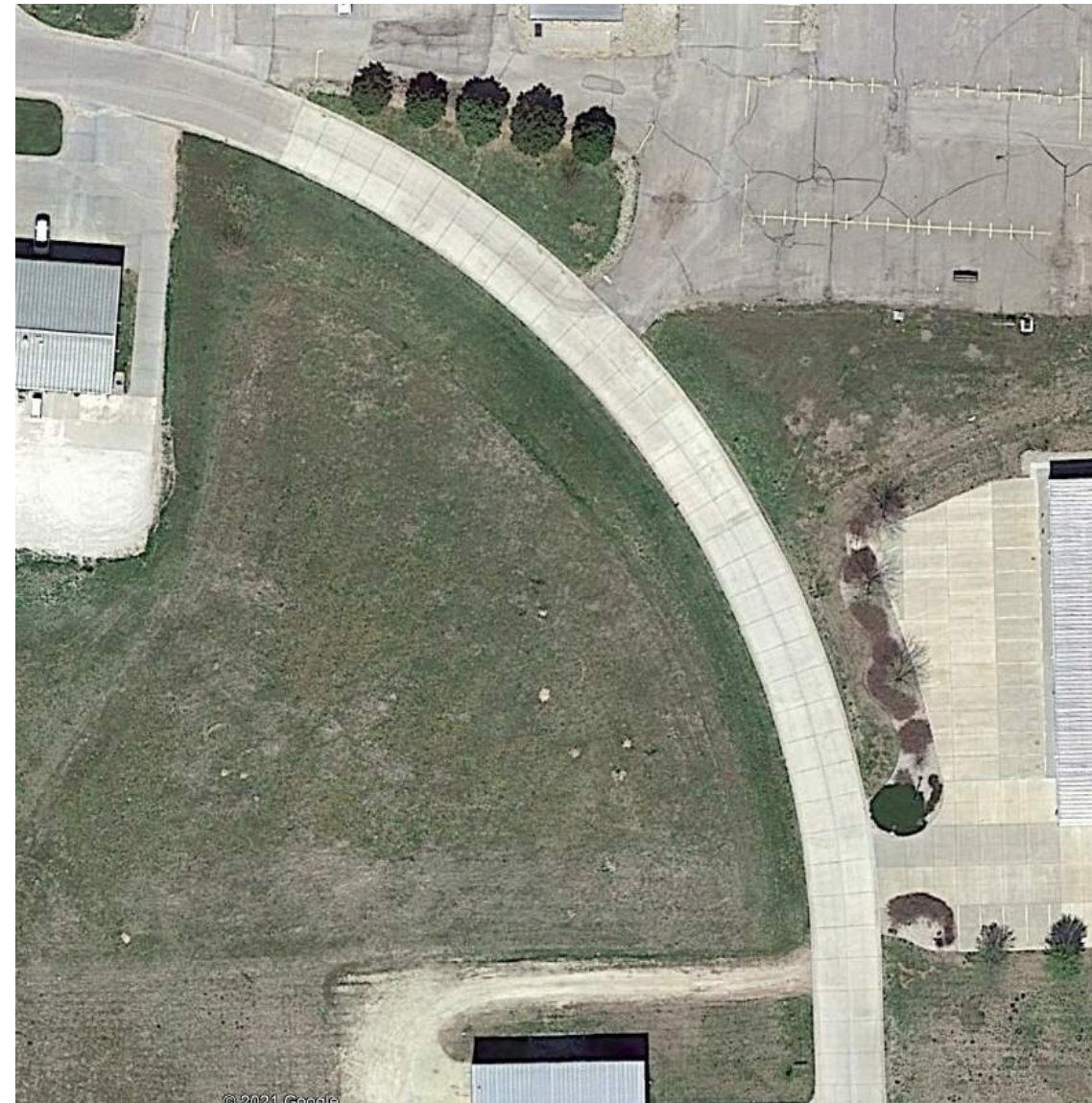
PROGRAM SPACES PLAN



	CURRENT SPACE	DEMO/MOVED	PROJECTED GROWTH	ADDITIONAL SPACE	PROJECTED SPACE
NURSING	7,596		200%	7,596	15,192
ELEC POWER & DIST.	9,174		150%	4,587	13,761
AUTO TECH	6,582		100%	-	6,582
SCIENCES	5,080		200%	5,080	10,160
INFO TECH	4,570		300%	9,140	13,710
CRITICAL ENV.	3,038		200%	3,038	6,076
GEN. ED.	4,500		150%	2,250	6,750
CONST. TECH	5,050		200%	5,050	10,100
AIR COND. REF.	4,457		200%	4,457	8,914
WELDING	4,457		200%	4,457	8,914
IT HELPDESK	1,903	1,903	150%	952	2,855
IT CLASSROOMS	1,548	1,548	200%	1,548	3,096
409 AND 410 CLR	3,104	3,104	100%	-	3,104
ADULT ED	3,563	3,563	125%	891	4,454
BUSINESS ADMIN	3,563	3,563	125%	891	4,454
TEACH & LEARN CTR	3,864		100%	-	3,864
ADMIN	2,901		200%	2,901	5,802
COMMONS & HALL	5,826		200%	5,826	11,652
DENTAL HYGEN	5,140	5,140	0%	-	-
ADDITIONAL NEW CONST TECH				5,445	5,445
ADDITIONAL NEW PLUMBING				5,445	5,445
ADDITIONAL NEW MED TECH				30,000	30,000
WAREHOUSE LOGISTICS				10,869	10,869
TOTAL SPACE	85,916			110,422	191,198
EXISTING SPACE DEMO/MOVED		18,821			
EXISTING SPACE REMAINING	67,095				
FUTURE BUILDINGS SHOWN ON PLAN	163,065				
TOTAL OF ALL BUILDINGS	230,160				
AREA OF PROGRAM UNDETERMINED	38,962				

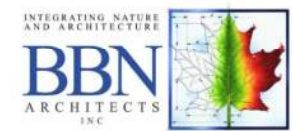


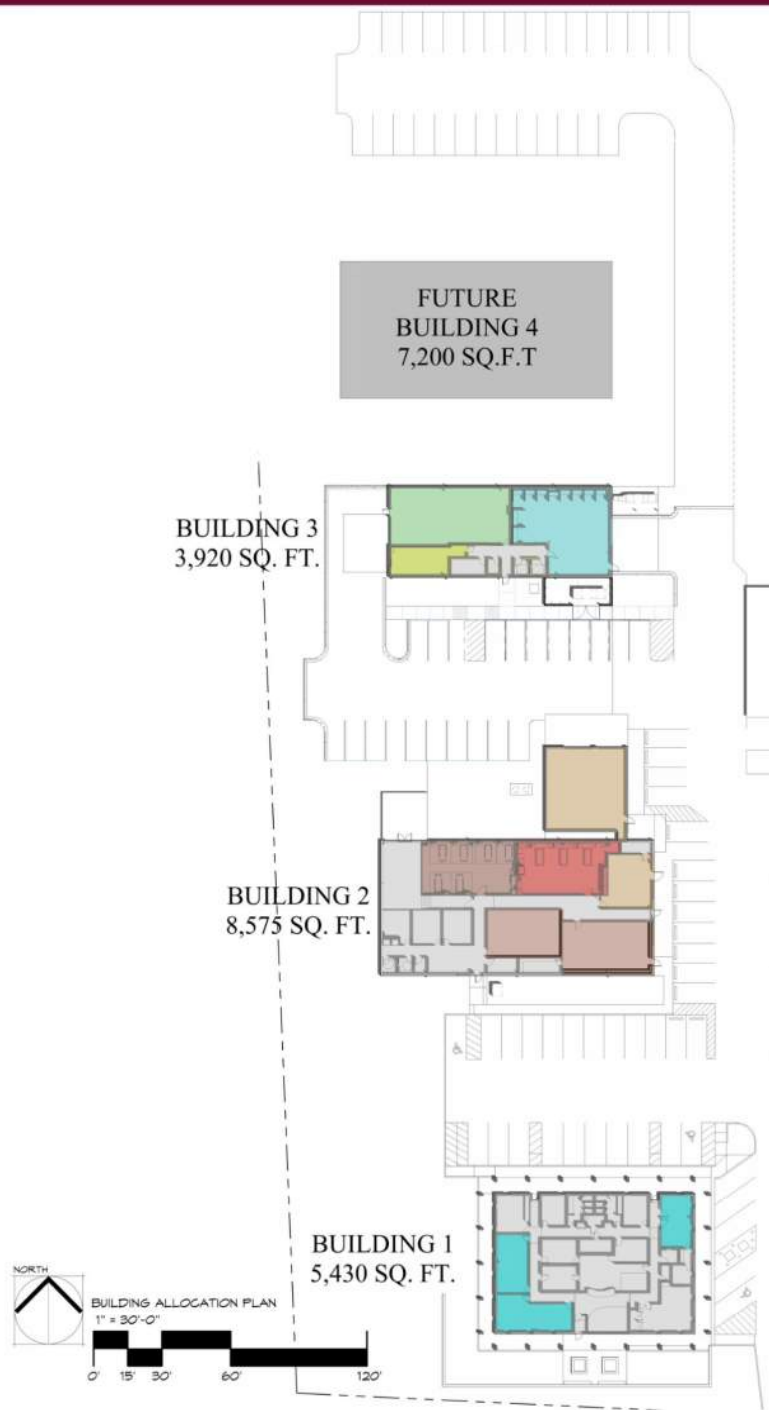
FORMER BLUESTEM ELECTRIC PROPERTY



WAMEGO INDUSTRIAL PARK

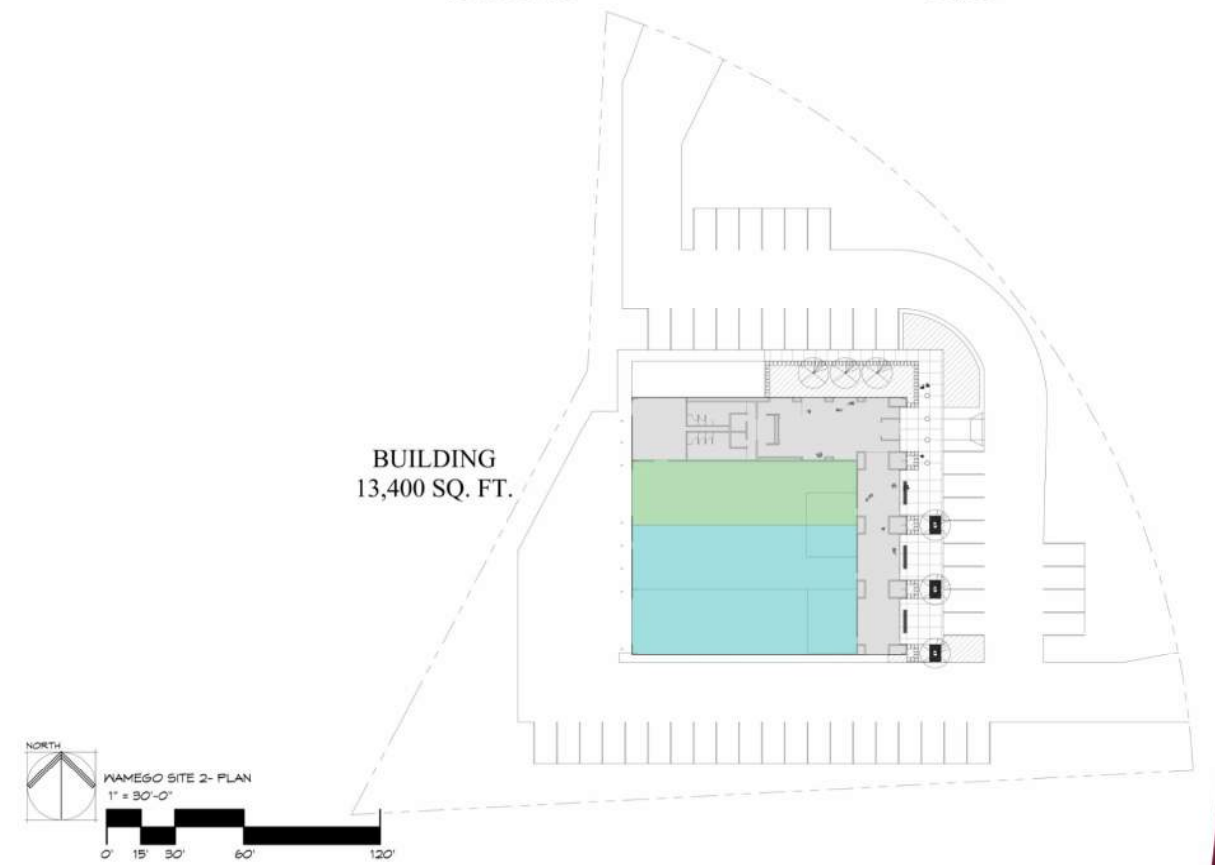
MATC CONCEPTUAL MASTER PLAN
WAMEGO LOCATIONS





GENERAL CLASSROOMS	3,460
NURSING	1,032
SCIENCE	1,017
AUTO TECH	1,887
WELDING	1,550
ELEC. CONST. TECH	1,410
OFFICE, HALL, OTHER	7,569
TOTAL SPACE	17,925
FUTURE BUILDING	7,200
TOTAL CAMPUS SPACE	25,125

FUTURE SPACE	
DIESEL TECH	2,800
CDL	2,800
FUTURE PROGRAM SPACE	2,800
CIRCULATION AND OTHER	5,000
TOTAL SPACE	13,400

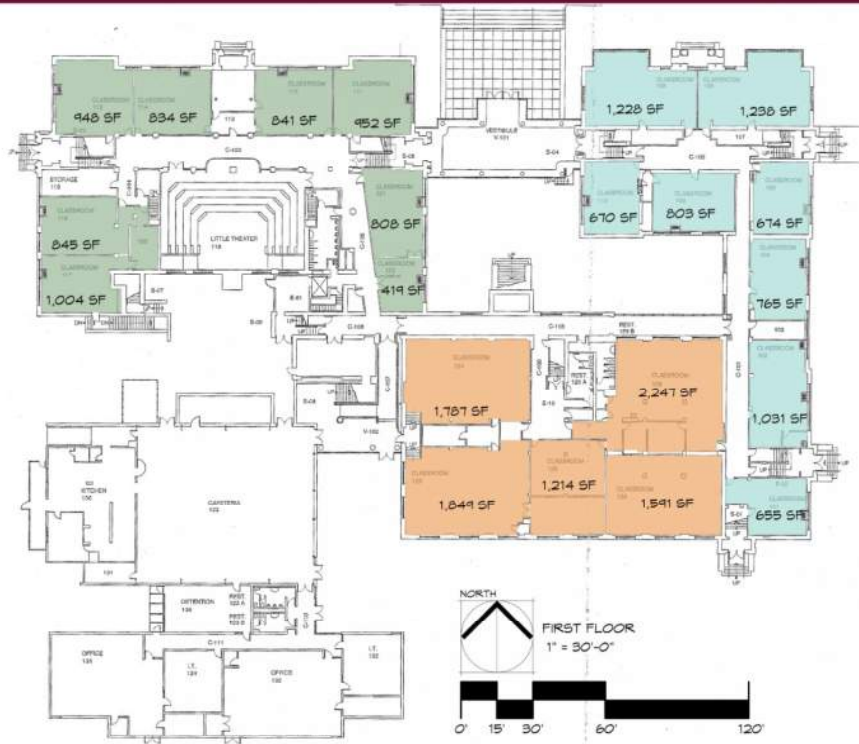


MATC CONCEPTUAL MASTER PLAN

WAMEGO CAMPUS PLANS

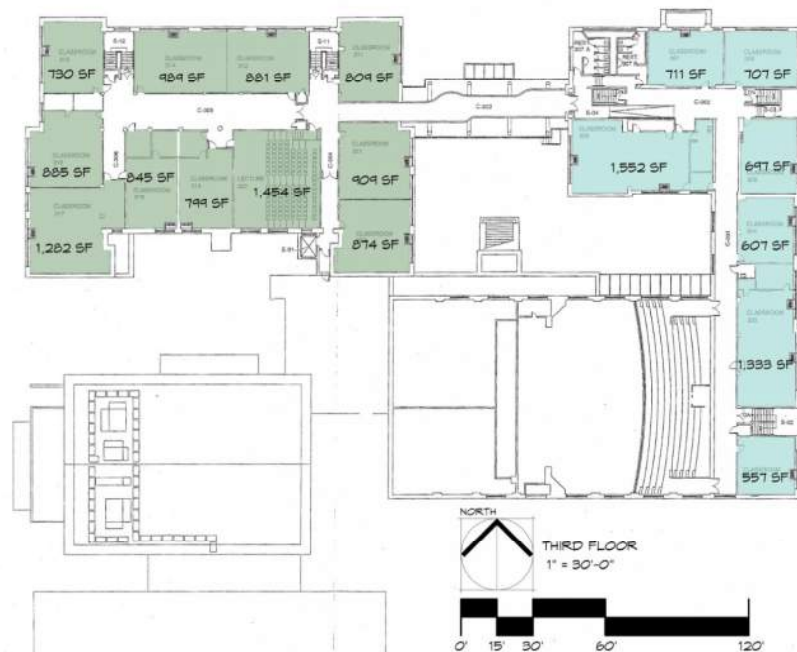
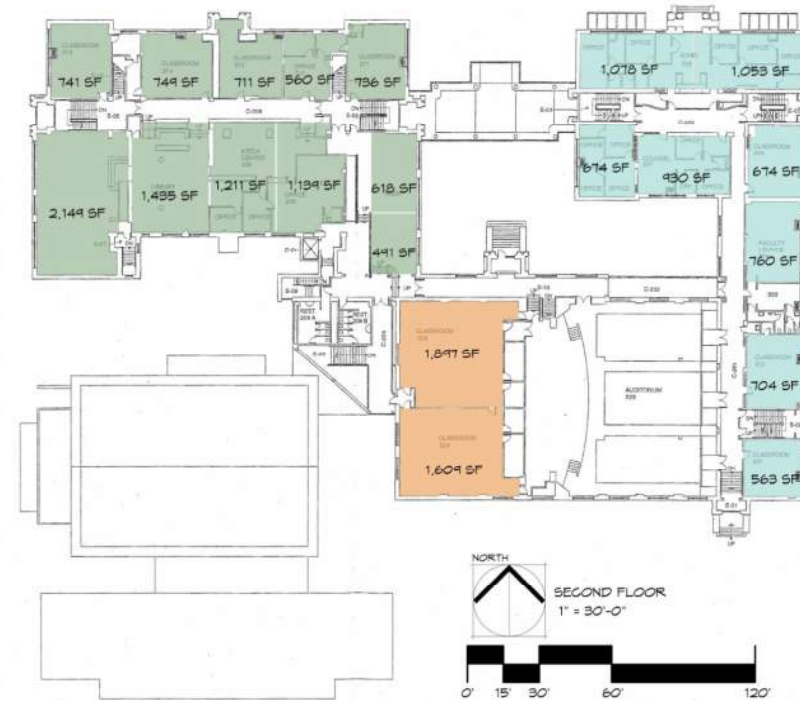


<u>TOTAL FUTURE BUILDING POTENTIAL</u>	PROJECTED TOTAL SPACE	CURRENT SPACE	CONTINUED USE	PROJECTED NEW
MANHATTAN CAMPUS	230,160	85,916	67,095	163,065
WAMEGO CAMPUS- SITE 1	25,125	17,925	17,925	7,200
WAMEGO CAMPUS- SITE 2	13,400	0	0	13,400
TOTAL AREA OF ALL LOCATIONS	<u>268,685</u>	103,841	<u>85,020</u>	183,665



AREA LEGEND

- WING 1 27,647 SF
- WING 2 19,664 SF
- WING 3 12,195 SF
- TOTAL = 59,505 SF**



ADVANTAGES:

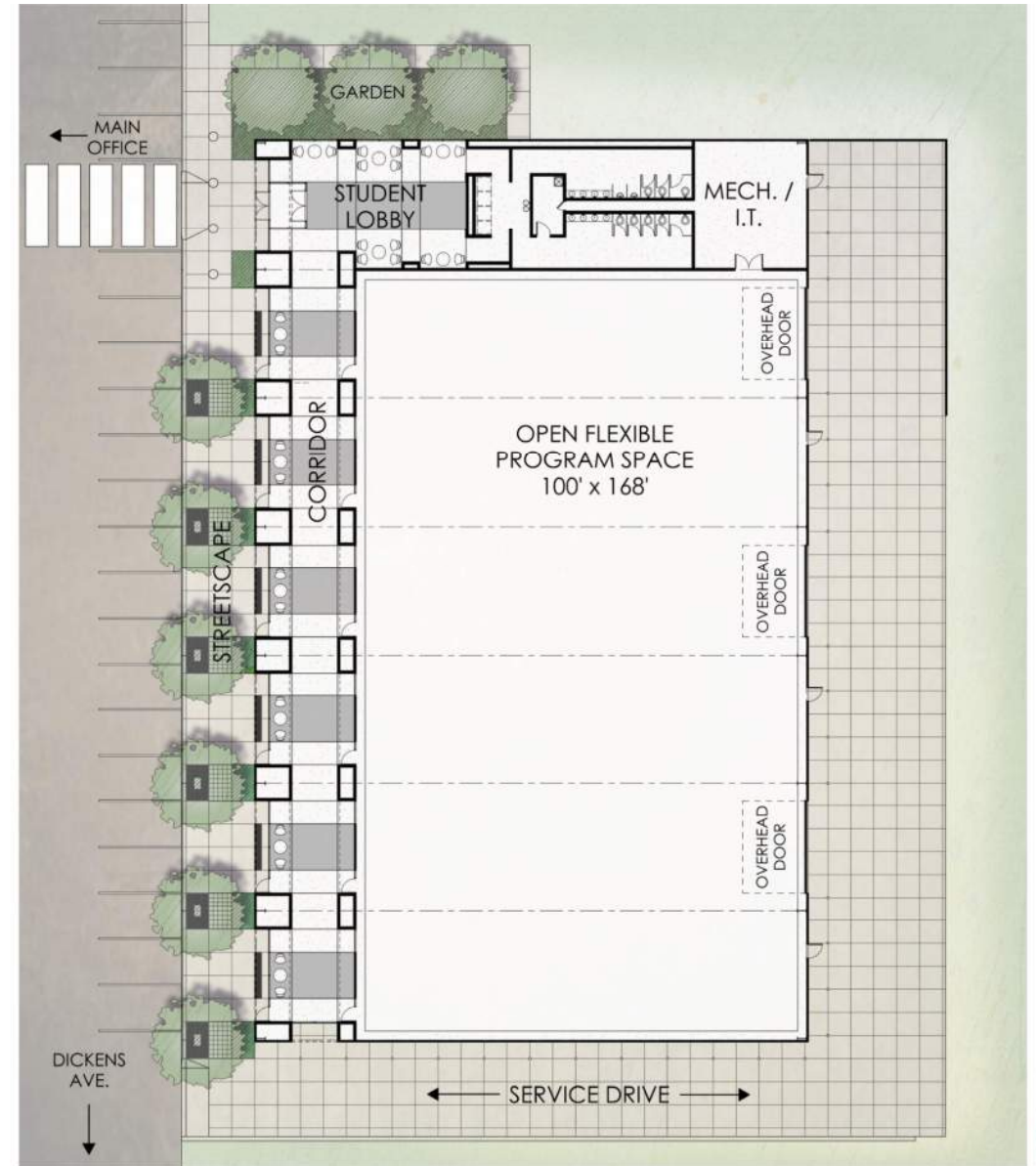
- EXISTING BUILDING WITH CLASSROOM CONFIGURATIONS

DISADVANTAGES:

- SEPARATION OF WINGS (AREAS) IS DIFFICULT DUE TO CONNECTIONS REQUIRED BETWEEN FLOORS.
- ADA ACCESSIBILITY IS POOR AND SEPARATION OF AREAS MAKES THIS WORSE.
- ACCESS TO PARKING IS POOR. SCHOOL WAS SET UP FOR MORE DROP-OFF TYPE STUDENTS.
- TECHNOLOGY INFRASTRUCTURE IN CLASSROOMS IS POOR AND ROUTING NEW TECHNOLOGY DIFFICULT. MASONRY WALLS FOR RUNNING DATA. CABLES DOWN INSIDE IS IMPOSSIBLE, EVERYTHING WILL BE SURFACE MOUNTED FOR NEW DATA AND ELECTRICAL NEEDS.
- CLARITY OF CIRCULATION (WAYFINDING) IS POOR.
- SEPARATION OF ADULTS AND H.S. STUDENTS IMPOSSIBLE, ESPECIALLY IF THERE ARE OFFENDERS INVOLVED.
- RENOVATION IS REQUIRED TO ALL CLASSROOMS TO BRING THEM TO MATC STANDARDS.
- SOME CLASSROOMS NEED CONVERSION FROM OFFICES OR OTHER SUPPORT SPACES TO UTILIZE MAX. AREA. SOME CLASSROOMS WITH REMOVED WALLS STILL DON'T PROVIDE SPACE REQUIRED FOR CLASSROOM SIZE NEEDED BY MATC.
- CONTROLLED ENTRANCE TO ADMIN AREA FOR SECURITY IS DIFFICULT ALONG WITH ACCESSIBILITY.
- ACCESS TO ADA RESTROOMS IS DIFFICULT TO IMPOSSIBLE.
- ADDITION OF ELEVATORS TO SEPARATED WINGS/AREAS IS COSTLY.
- REMODELLING CONSTRUCTION IS MORE EXPENSIVE THAN NEW CONSTRUCTION WITH MANY COMPROMISES.
- MAY NEED TO COMPROMISE ON CLASSROOM CONFIGURATION FOR INSTRUCTION IN MANY ROOMS.
- PLUMBING TO CLASSROOMS WITH VOCATIONAL INSTRUCTION REQUIRING PLUMBING IS DIFFICULT.
- HVAC EFFICIENCY IS POOR COMPARED TO NEW CONSTRUCTION, SOME SYSTEMS MAY NEED REPLACED.
- UTILITY SEPARATION BETWEEN DIFFERENT ORGANIZATIONS WILL BE DIFFICULT.
- HISTORIC ASPECTS OF THE EXISTING BUILDING NEED TO BE MAINTAINED LIMITING SOME DESIGN OPTIONS. (1914 AND 1918).
- LOCATION IS REMOTE FROM MAIN CAMPUS AND ADDITIONAL STAFFING, RESOURCES, AND TRAVEL TIME WILL BE NEEDED.



AERIAL FROM THE NORTHWEST



MATC CONCEPTUAL MASTER PLAN
CONCEPT BUILDING





NORTH
 FLOOR PLAN-CLASSROOM EXAMPLES 1
 1/16" = 1'-0"
 0' 8' 16' 32' 64'



NORTH
 FLOOR PLAN-CLASSROOM EXAMPLES 2
 1/16" = 1'-0"
 0' 8' 16' 32' 64'

MATC CONCEPTUAL MASTER PLAN

CONCEPT BUILDING





ENTRY



STUDENT LOBBY





CORRIDOR



STREETScape





MANHATTAN
TECH

MANHATTAN AREA TECHNICAL COLLEGE

MATC CONCEPTUAL MASTER PLAN

