

Midwestern State University Sidewalk Replacement and Installation Scope of Work

Midwestern State University is soliciting bids for a project which will include the installation and replacement of sidewalks and handicap ramps. The installations shall occur at various locations on the Midwestern State University campus at 3410 Taft Blvd., Wichita Falls, Texas.

Description:

- A. The contractor shall furnish all labor, material, equipment necessary to replace select portions of existing University sidewalk areas in accordance with drawings, specifications and per applicable standards and requirements.

- B. The work shall include, but shall not be limited to the following (not necessarily in the order indicated):
 - 1. Contractor shall demolish and remove the selected portions of the concrete as shown on campus map, Item 1 (reference Item 2 for ten closer views of selected areas).
 - 2. Concrete shall be removed to the nearest expansion joint, control joint, or for partial removal, in the location(s) as designated by the university. Each of these areas has had a 2"-3" diameter white dot painted on each section of concrete to be replaced by the contractor.
 - 3. Subgrades shall be free of all foreign and loose materials; replace as necessary to create a proper base for the concrete.
 - 4. Compact existing subgrade to 95% compaction prior to placing new concrete.
 - 5. Sidewalk reinforcing shall be #3 bars @ 18" O.C.E.W. with ample bar-lift plastic chairs, or approved equal, to secure steel at center of concrete thickness. Welded wire fabric is NOT an acceptable reinforcement!
 - 6. All sidewalk concrete shall be class "A" (compressive strength of 3,000 PSI @ 28 days) and 4" thick.
 - 7. Any utility boxes or manholes within the sidewalk must be adjusted by the city utility department, or owner of the utility, and shall be flush with final grade. All adjustment cost shall be the responsibility of the contractor.
 - 8. Maximum allowable cross slope must comply with TAS/ADA requirements (1 inch per foot maximum).
 - 9. Dowel bars (#3 minimum) must be adequately braced, of sufficient quantity (18" centers), and drilled deep enough (18" long, 9" per side) to assure they will remain perpendicular to joint during placement of concrete.
 - 10. Drill hole for snug fit of dowel.
 - 11. Replace all saw cuts and expansion joint as per existing locations.
 - 12. All concrete surfaces shall receive a light broom finish unless noted otherwise in the plans.
 - 13. Any concrete truck shall not be washed out on MSU property
 - 14. The contractor shall sole responsibility for safety on this project.
 - 15. The contractor will provide necessary and prudent barricades, signs, fencing, warning lights, trench safety measures and devices, work methods and all other safety measure necessary to protect the MSU students, faculty, staff, general public and contractor employees.

Midwestern State University Sidewalk Replacement and Installation Scope of Work

16. Traffic safety measures shall be used within the street right-of-way to protect the traveling public
17. The contractor shall take precautions to not track debris, dirt and mud from the site onto adjacent street and sidewalks.
18. The contractor will place temporary fencing and reasonable and necessary traffic control and protective devices around the construction sites.
19. The contractor will be responsible for maintain the temporary fencing and traffic control devices used, as well as removing them from the site once they are no longer needed.
20. All ramp textures must consist of truncated dome surface; ramps to be compliant with TAS standards.
21. All ramps will have detectable warning surface (i.e., truncated domes), shall be a minimum of 24" in depth in the direction of pedestrian travel, and extend the full width of the curb ramp or landing where the pedestrian access route enters the street (reference sketch entitled, Standard Ramp Item #4).
22. With Grounds Department staff, evaluate the risk of soil compaction due to heavy equipment use around each construction/repair site. Substantial ruts, tracks, indentations, or other soil/turf damage to existing soil conditions must be fully repaired prior to project completion. Only vehicles necessary for construction activities are allowed to be parked on the grass. Delivery trucks, pickups for transporting crews, etc. must park in parking spaces reserved for the contractor. Contractor to notify Grounds with the number of spaces required so Grounds can place barriers in front of parking spaces reserved for the contractor.
23. Any damage to MSU property such as buildings, utilities, structures, sculptures, trashcans, roads, sidewalks, ramps, curbs, etc. during project installation must be fully repaired at contractor's expense and to the satisfaction of all relevant campus parties.
24. Contractor is responsible for removing all debris from MSU property related to construction activities. Use of existing MSU/City trash containers on site to dispose of debris is not permissible.
25. Grounds Department staff must be notified immediately in the event of a chemical spill.
26. All contractor employees will abide by university policies and maintain a professional conduct respecting all MSU students, faculty, and staff.
27. Work to occur so as to minimize disruptions to normal business activities.
28. Coordinate the demolition and replacement of concrete with Owner so as not to have too many (~3+, depending on size) locations under construction at any given time.

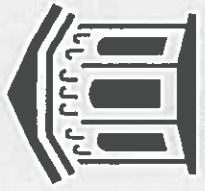
Alternate #1:

The following Alternate scope of work shall be included as a separate line item in the base bid submission:

1. Contractor shall demolish and remove the selected portions of the concrete as shown on campus map reference Item (Comanche Trail item #3).
2. Subgrades shall be free of all foreign and loose materials; replace as necessary to create a proper base for the concrete.

Midwestern State University Sidewalk Replacement and Installation
Scope of Work

3. Compact existing subgrade to 95% compaction prior to placing new concrete.
4. All concrete shall be class "A" (compressive strength of 3,600 PSI @ 28 days) and 6" thick.
5. Street reinforcing shall be #4 bars @ 24" O.C.E.W. with ample bar-lift plastic chairs, or approved equal, to secure steel at center of concrete thickness. Welded wire fabric is NOT an acceptable reinforcement.
6. Dowel bars (#4 minimum) must be adequately braced, of sufficient quantity (18" centers), and drilled deep enough (18" long, 9" per side) to assure they will remain perpendicular to joint during placement of concrete.



MIDWESTERN

STATE UNIVERSITY™

ALTERNATE #1
10' x 13 1/2'



6' x 19'

6' x 22'

6' x 25'

1001 sqft

6' x 6'

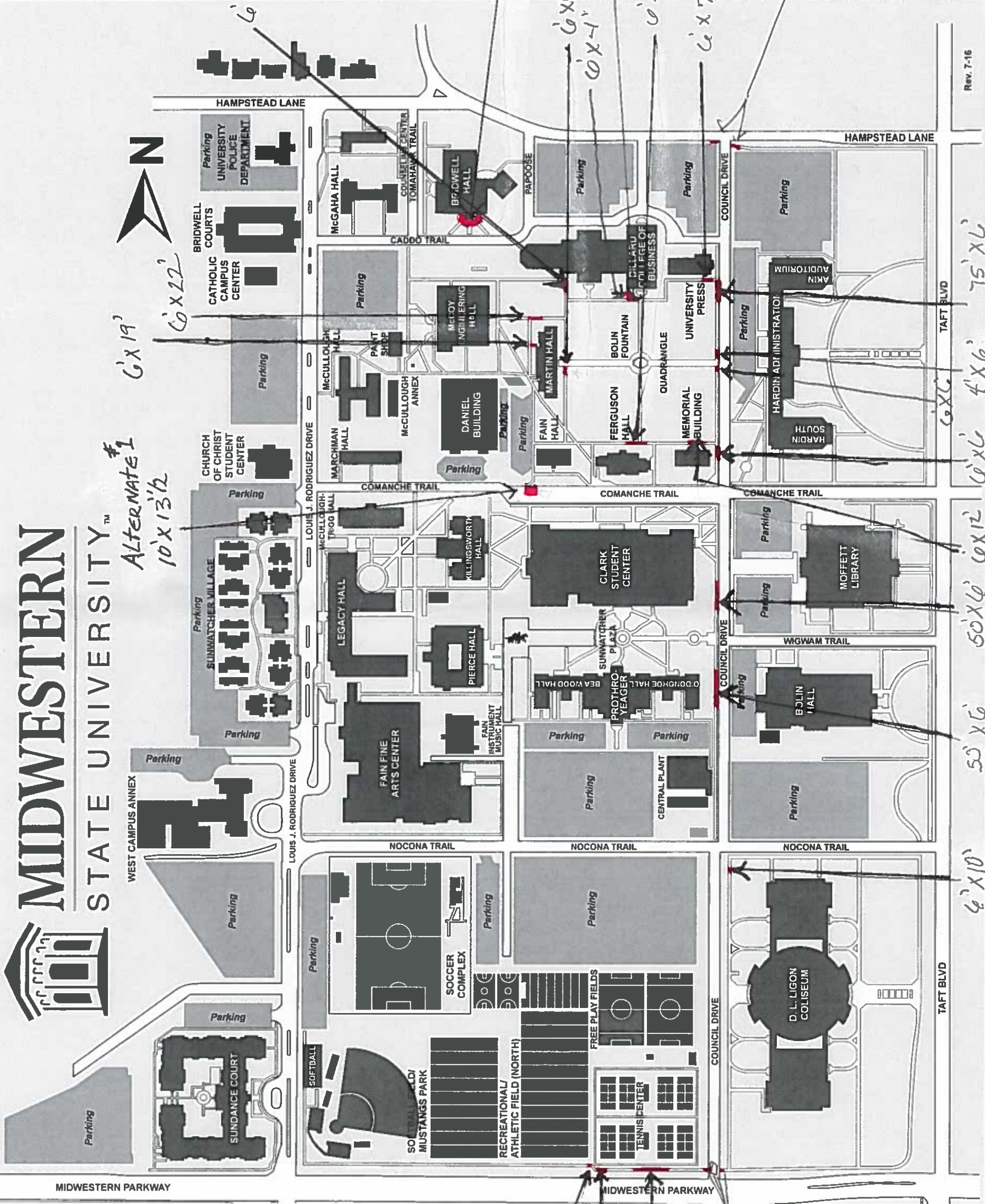
2' x 5'

6' x 46'

6' x 7'

Handicap Ramps (2)

Rev. 7-16



3' x 3'

5' x 8'

8' x 80'

(4) Handicap Ramps

4' x 10'

5' x 6'

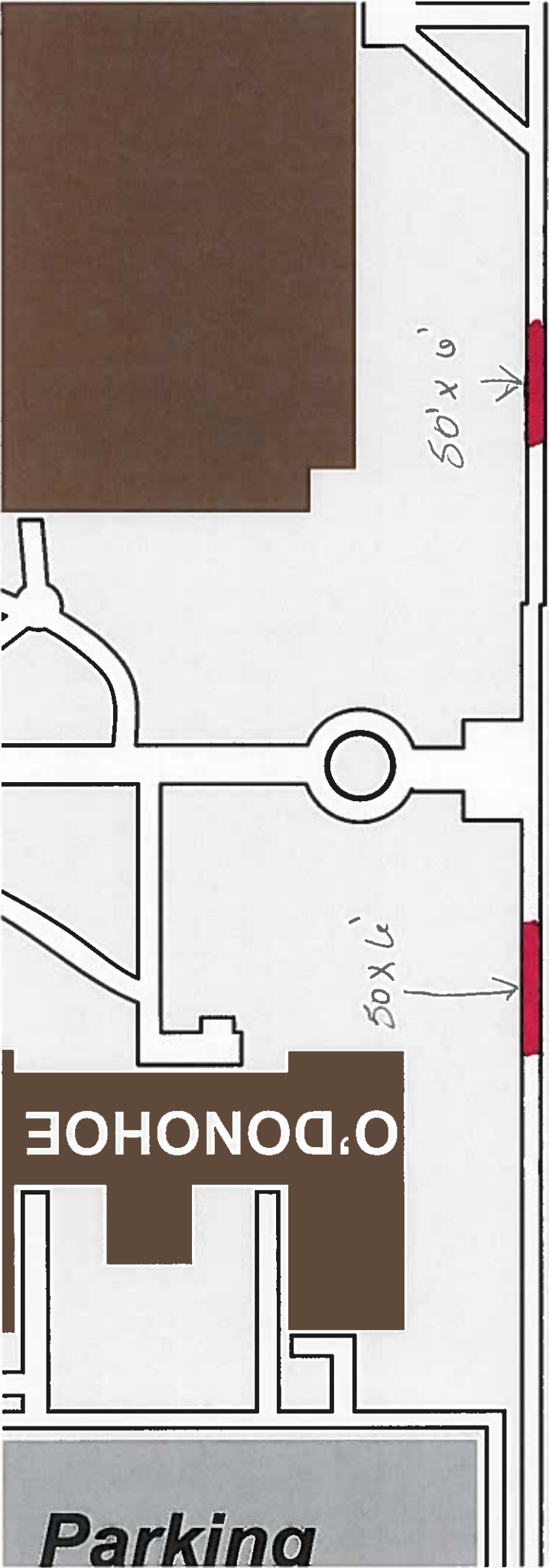
50' x 6'

6' x 6'

6' x 6'

4' x 6'

75' x 6'

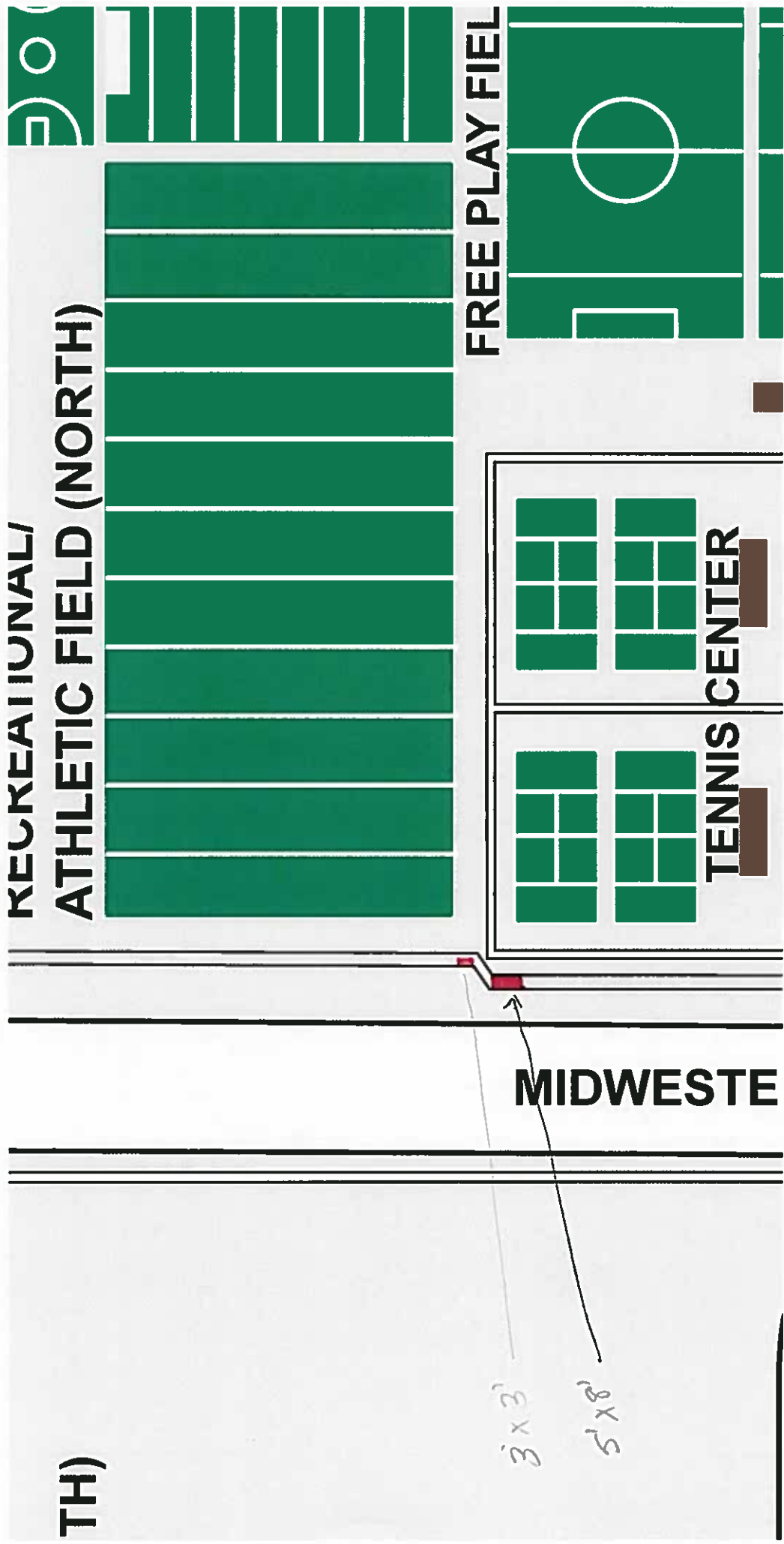


Parking

COUNCIL DRIVE



Parking



RECREATIONAL
ATHLETIC FIELD (NORTH)

FREE PLAY FIELD

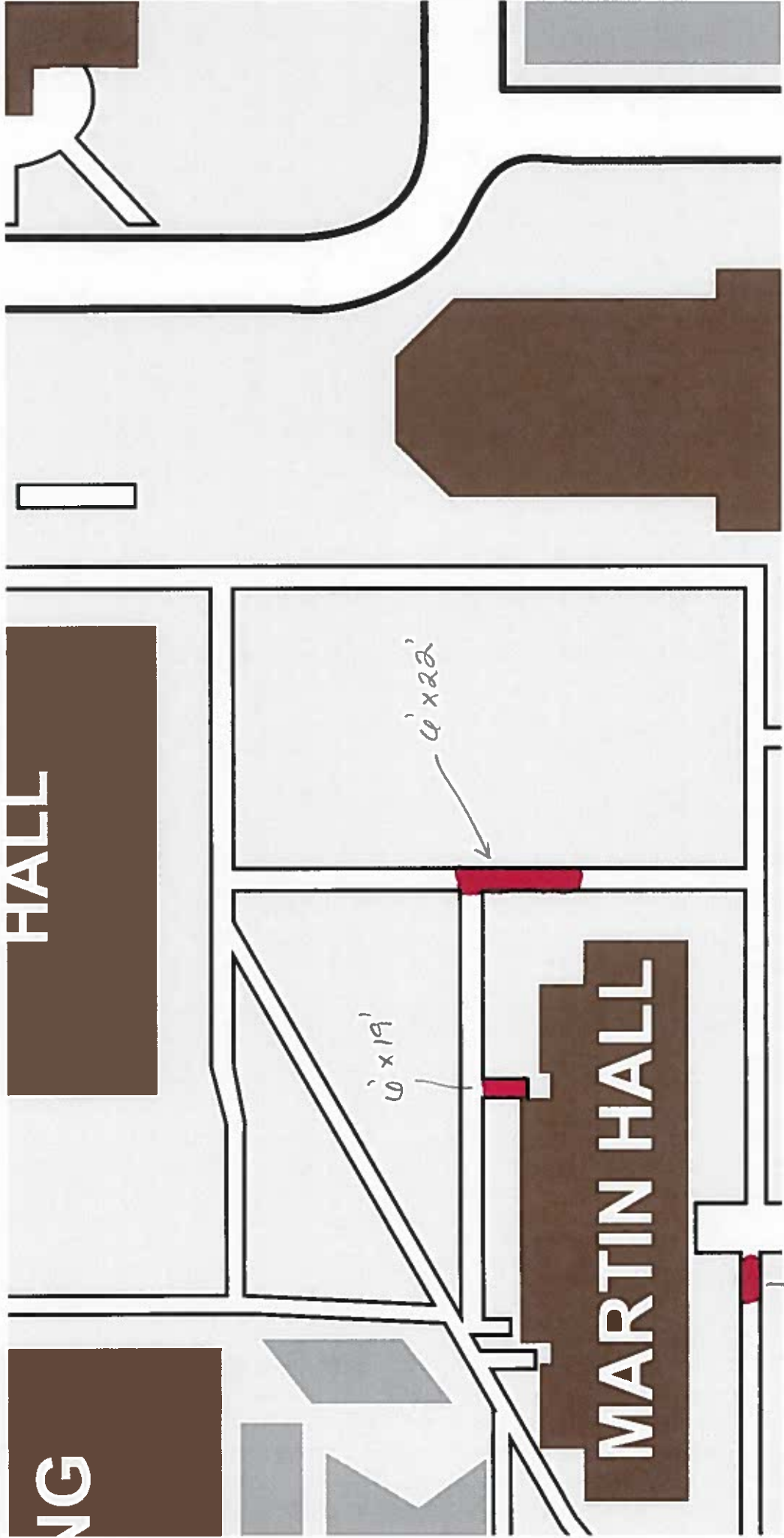
TENNIS CENTER
TENNIS CENTER

MIDWESTE

TH)

3 x 3'

5 x 8'



HALL

MARTIN HALL

NG

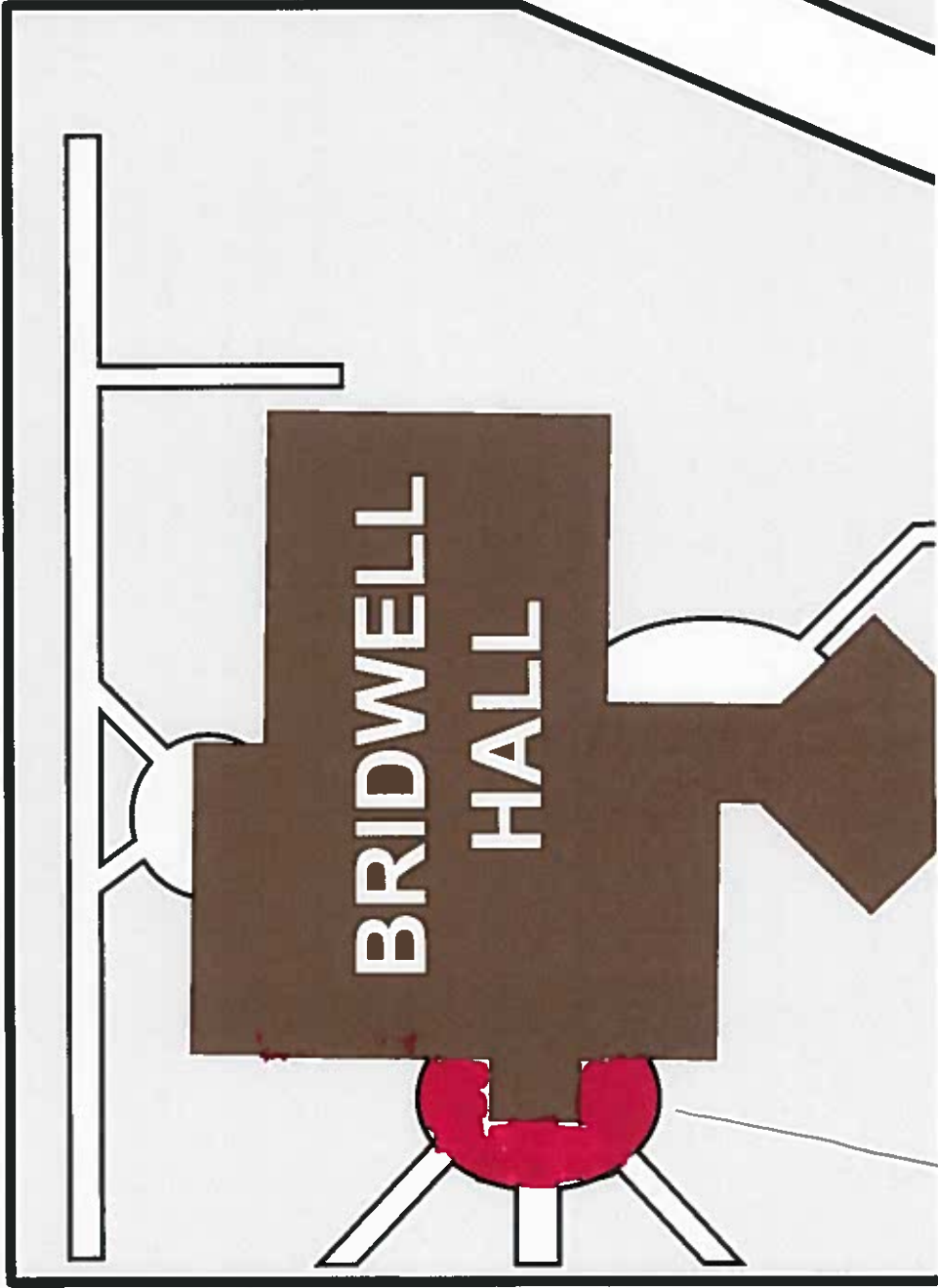
4' x 22'

6' x 19'

6' x 6'

TOMAHAWK TRAIL

DO TRAIL



1001 sqft



1001

**DILLARD
COLLEGE OF
BUSINESS**

**SITY
ESS**

ON

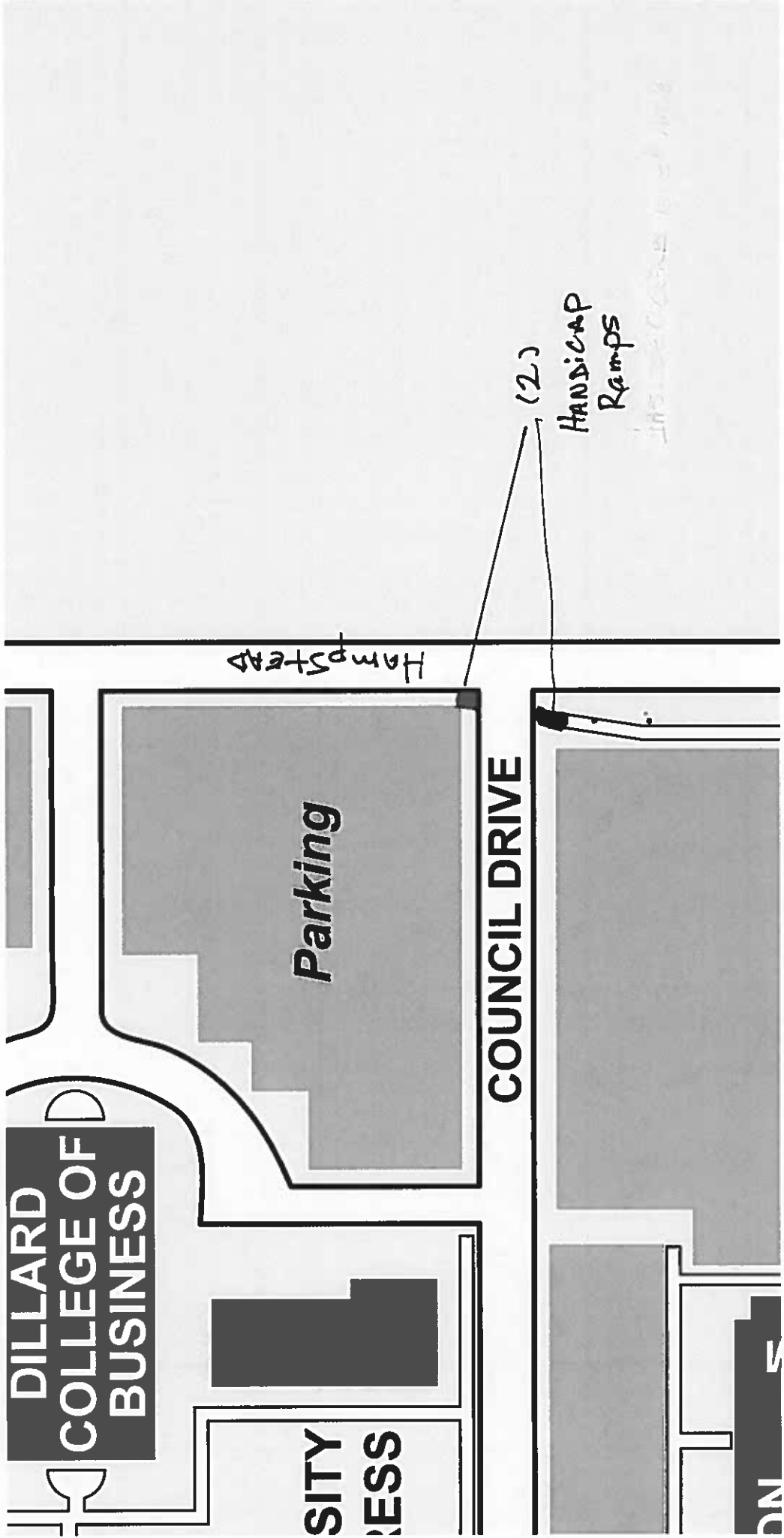
Parking

COUNCIL DRIVE

Hamptstead

(2)

*HANDICAP
Ramps*



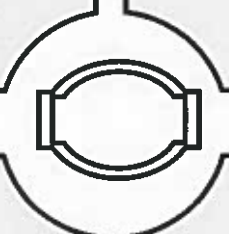
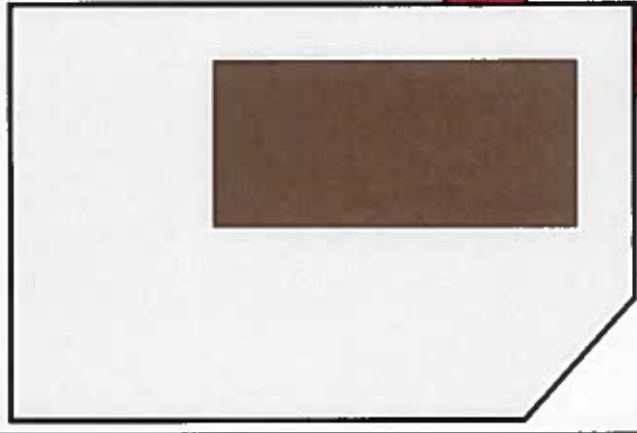
FOUNTAIN

HALL

QUADRANGLE

MEMORIAL BUILDING

UNIV

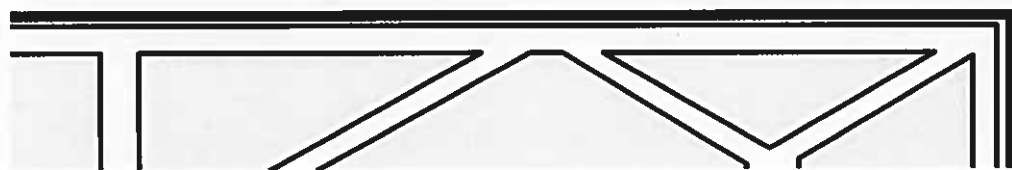


6' x 40'

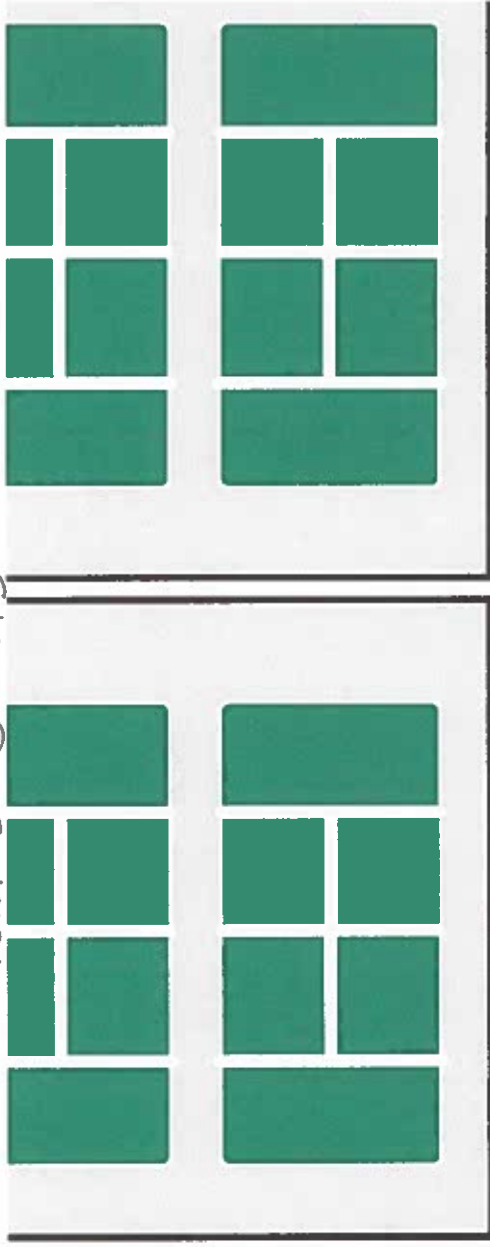
6' x 6'

6' x 12'

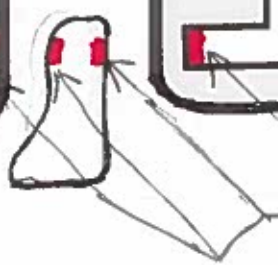
ANCHE TRAIL



Tennis Courts

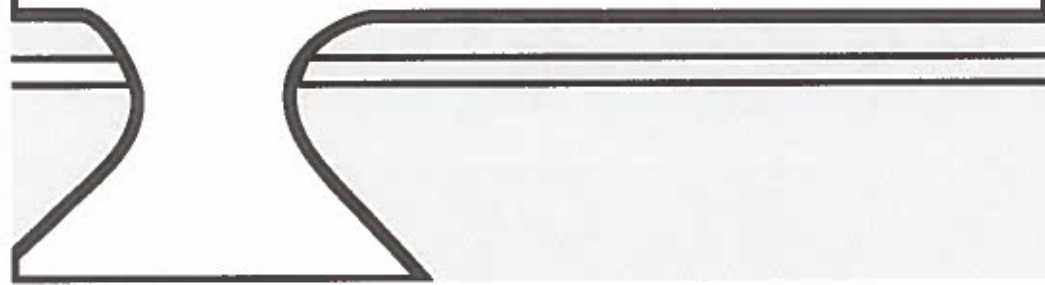


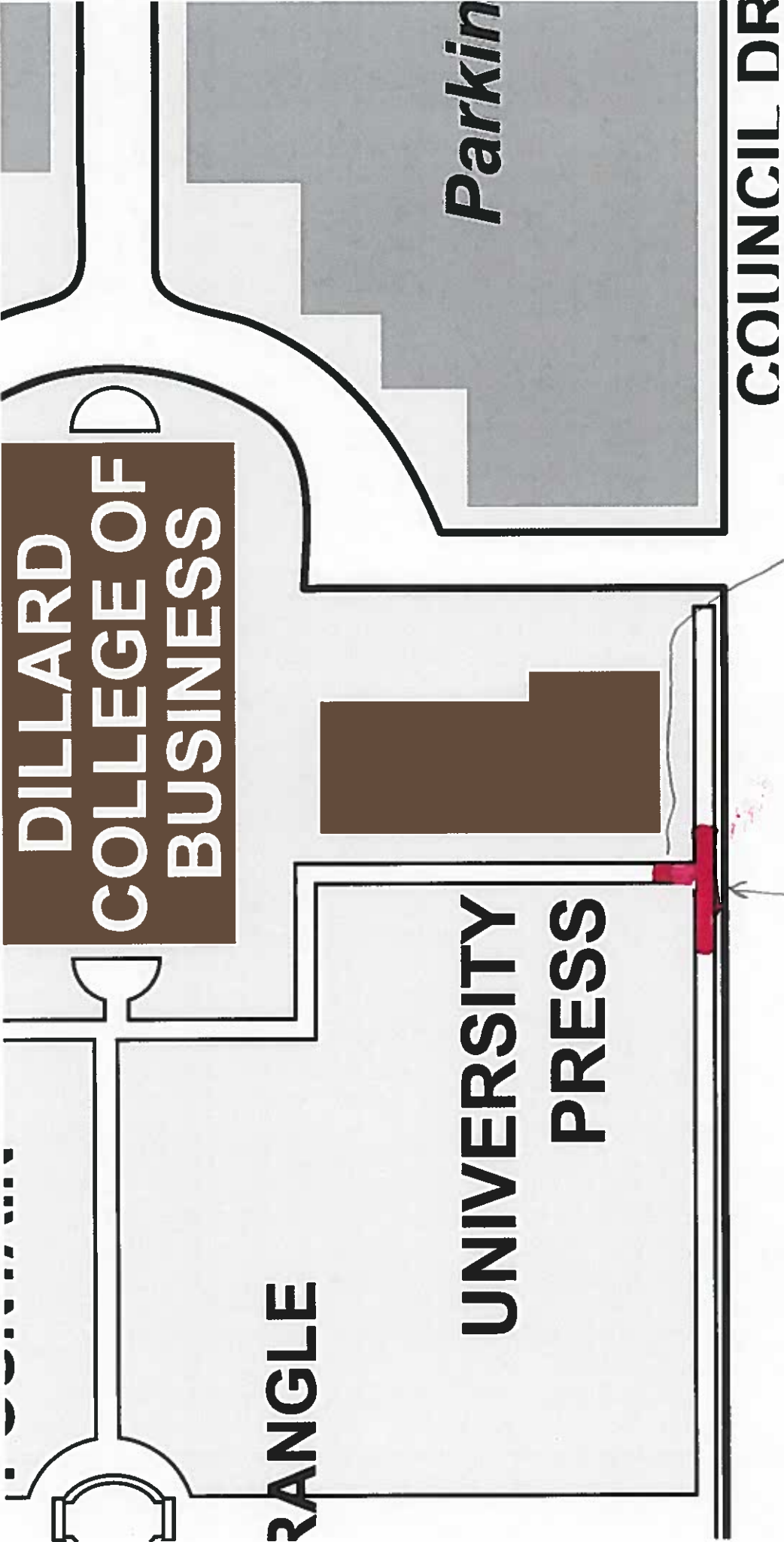
Council Drive



MIDWESTERN
PARKWAY

4
Handicap Ramps





**DILLARD
COLLEGE OF
BUSINESS**

RANGLE

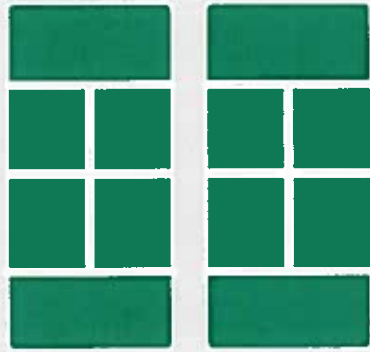
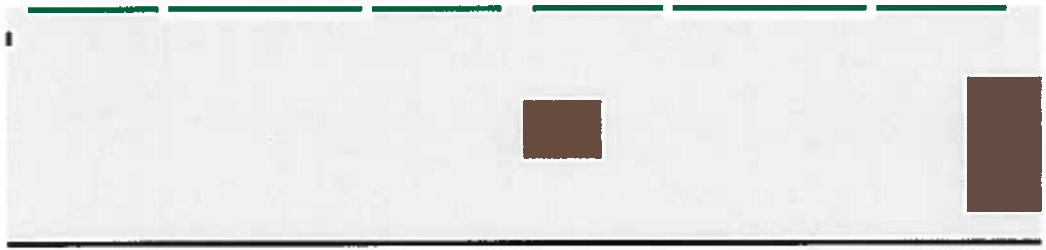
**UNIVERSITY
PRESS**

Parkin

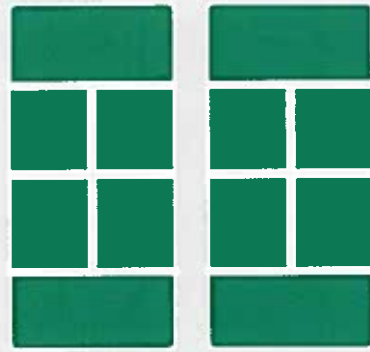
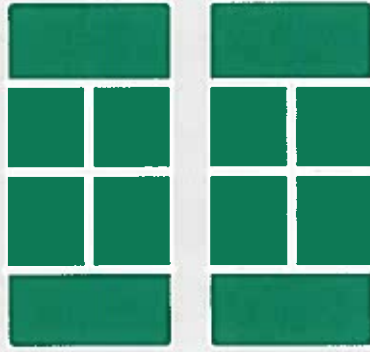
COUNCIL DR

6' x 7'

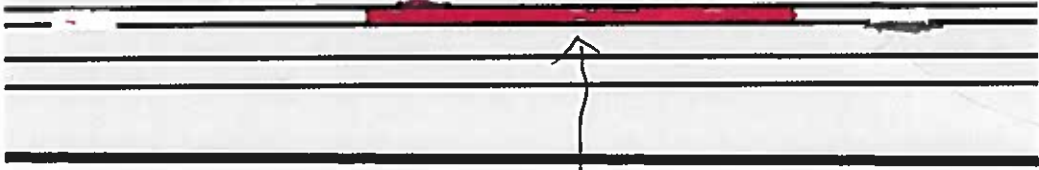
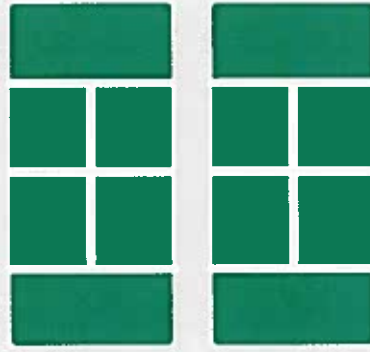
75' x 6'



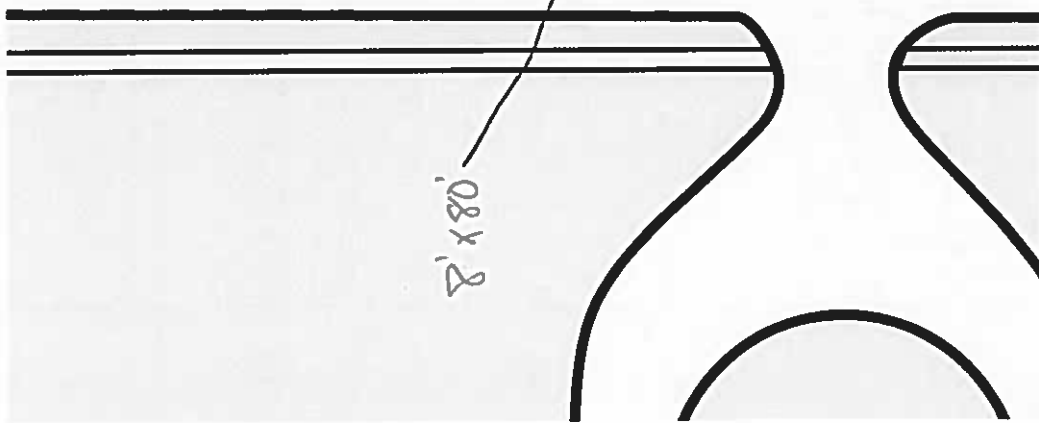
CENTER



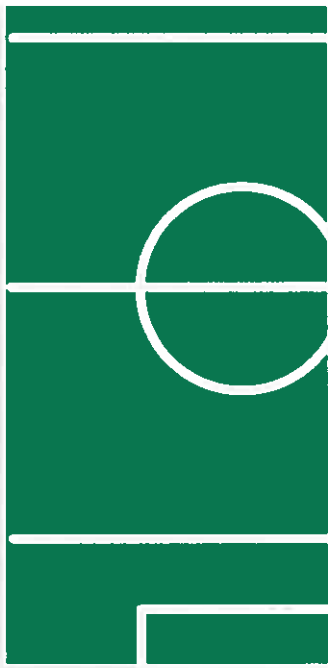
TENNIS



MIDWESTERN PARK



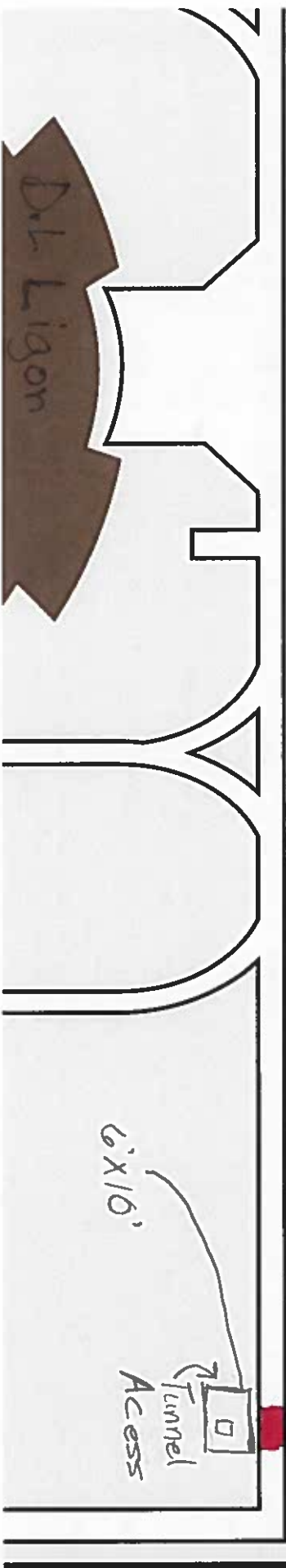
8' x 180'



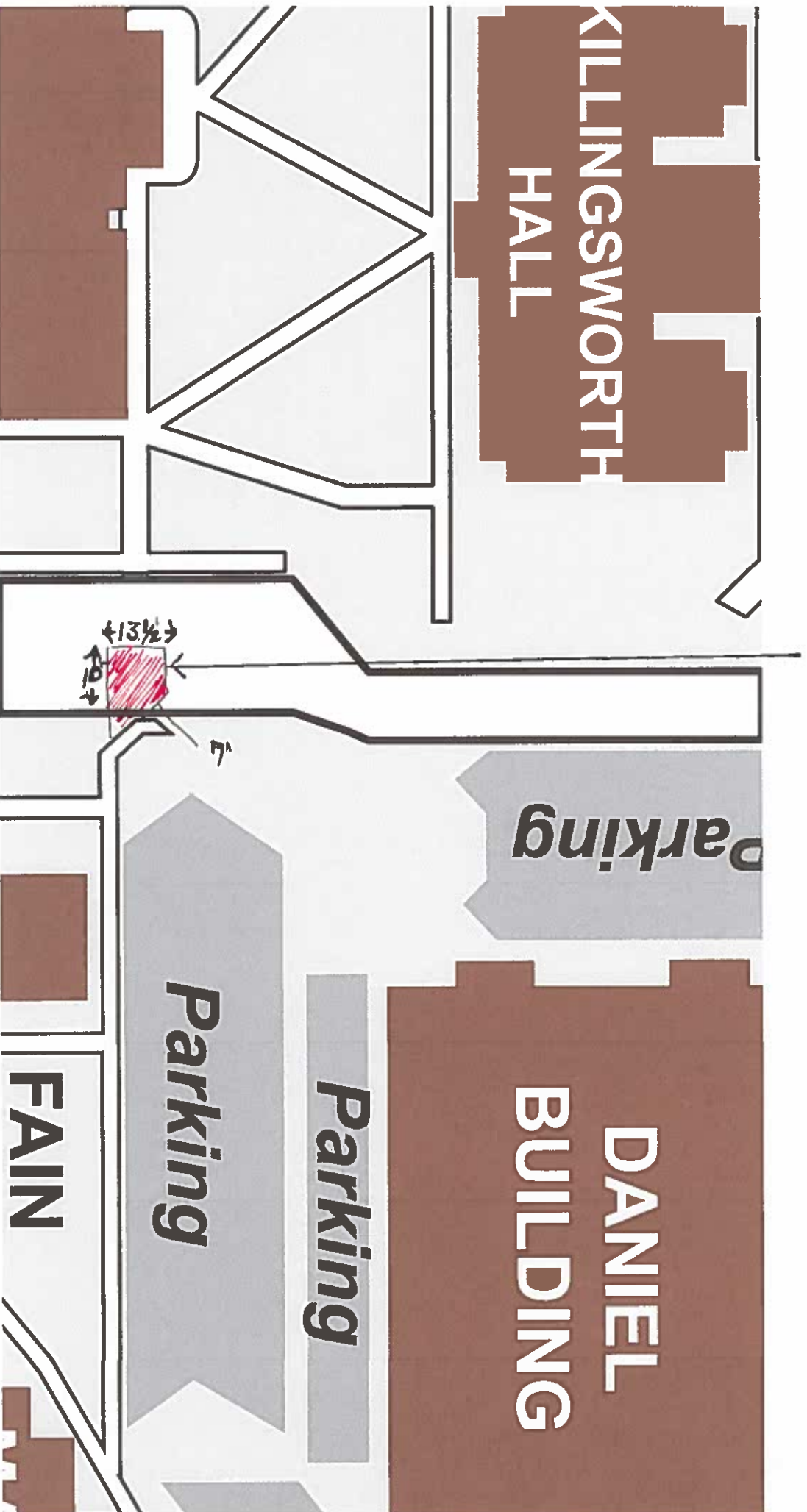
DRIVE

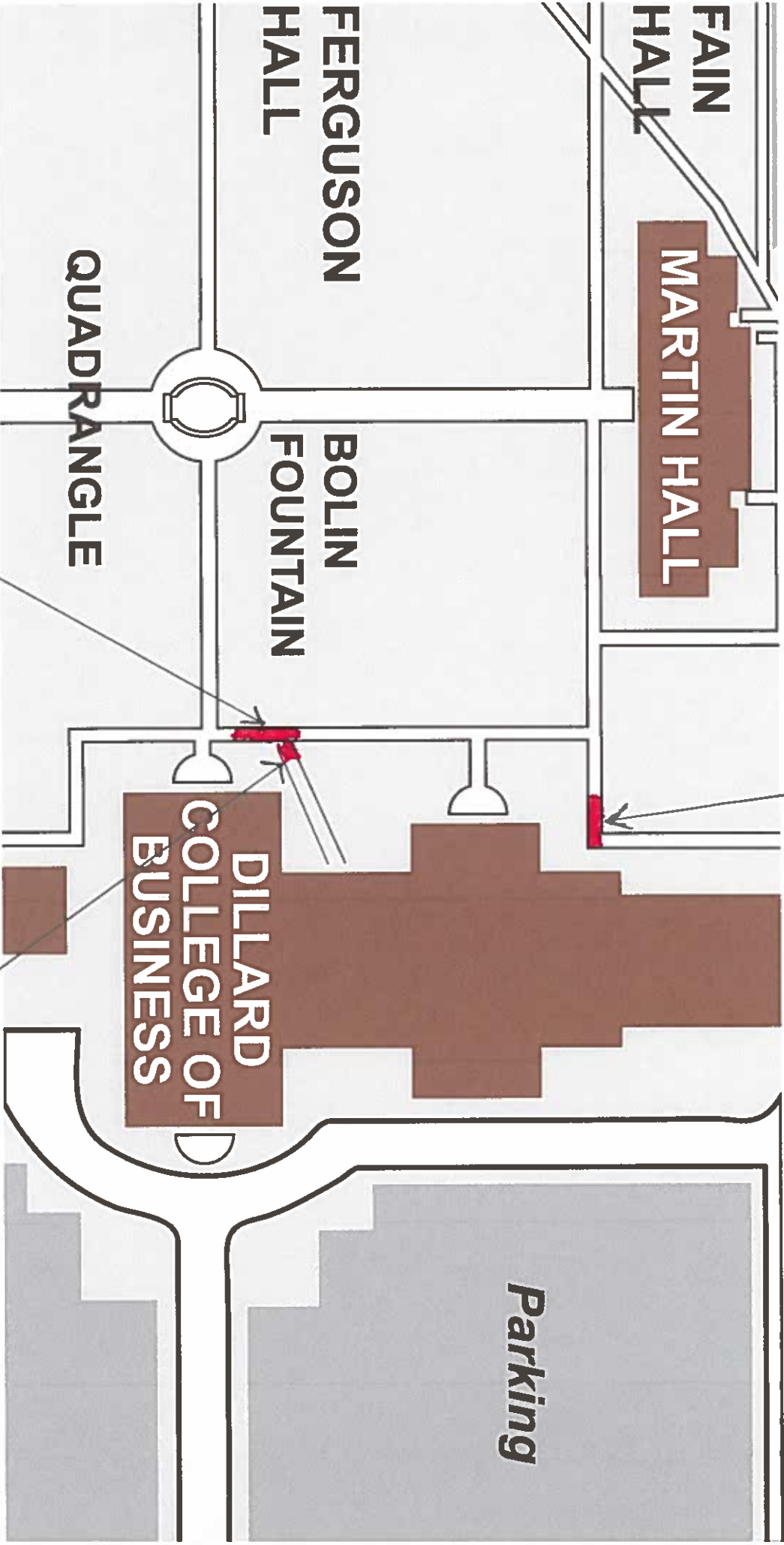
DRIVE

Council Drive



Alternative #1





MARTIN HALL

FERGUSON HALL

QUADRANGLE

BOLIN FOUNTAIN

DILLARD COLLEGE OF BUSINESS

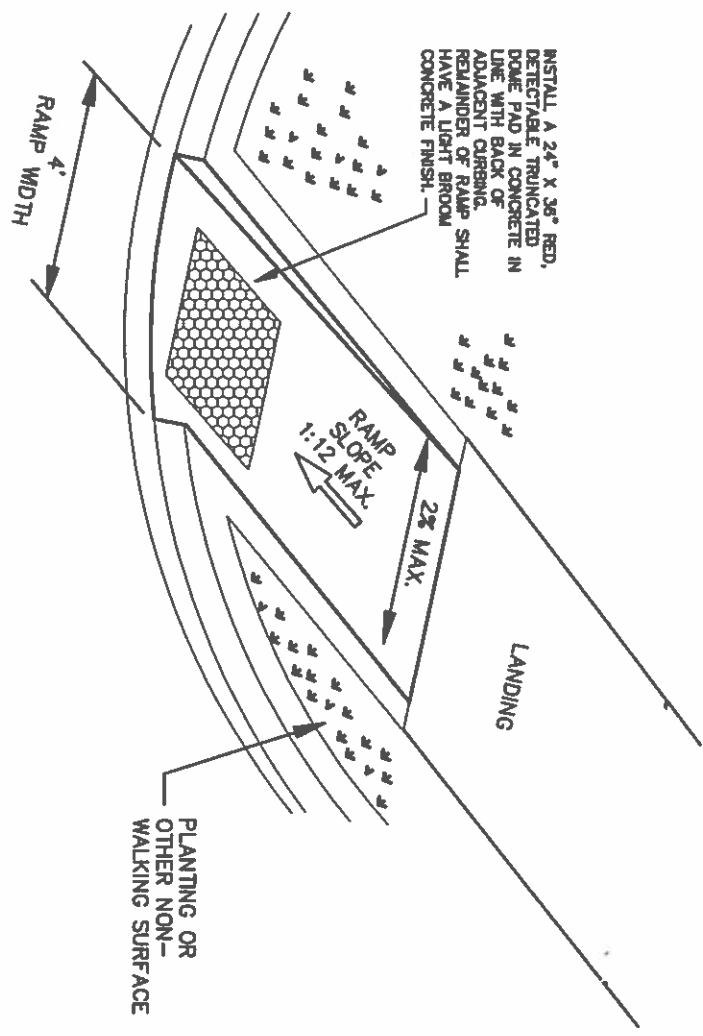
Parking

25' x 10'

21' x 5'

6' x 4'

STANDARD RAMP



INSTALL A 24" X 36" RED, DETECTABLE TRUNCATED DOME PAD IN CONCRETE IN LINE WITH BACK OF ADJACENT CURBING. REMAINDER OF RAMP SHALL HAVE A LIGHT BROOM CONCRETE FINISH.

RAMP SLOPE 1:12 MAX.

2' MAX.

LANDING

PLANTING OR OTHER NON-WALKING SURFACE

Alternative #1

