

MAA-4CCTM Spring Meeting, Adams State College (Preliminary Schedule)
Friday April 30

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| 11:00 - 4:00 | Registration by Main Stairwell |
| 12:00 - 4:30 | Publishers, Exhibits and Hospitality Room - SMT 135 |
| 1:00 - 1:15 | Opening Remarks: VPAA Svaldi, Adams State College - SMT 130 |
| 1:15 - 2:05 | Distinguished Teaching Award Lecture: <i>A Visit with the Number 6</i> , Professor Monte Zerger, Adams State College - SMT 130 |
| 2:05 - 2:15 | Merle Milligan Outstanding Student Award Presentation - SMT 130 |

| Time | SMT 128 Student Session | SMT 130 MAA Presented Papers | SMT 132 MAA Presented Papers |
|-------------------|---|---|---|
| 2:20 - 2:40 | Paul Anderson MSCD Chaos in the Solar System | William Trench Trinity University Determinants and Inverses of Some Structured Matrices | LuAnn Malik ACC Problem Solving, Modeling, and Data Analysis Assignments in College Algebra and Trigonometry |
| 2:45 - 3:05 | Jared Enriquez, Jon Wright RU Expected Number of Jobs in a Queuing System | Jim Hagler & Stan Gudder UD Probabilities of Consecutive Integers in Lotto | Kelly Chappell & Darel Hardy CSU College Algebra Reform: \ Documenting Student Attitudes and Performance |
| 3:10 - 3:30 | Amelia Canavan MSCD Theory in the Social Sciences: Simple Theories of a Messy World | Bill Emerson MSCD Mathematica Animations for Partial Differential Equations | Patrick Enright ACC Predicting Student Success in College Algebra |
| 3:35 - 3:55 | Andrew Levad MSCD Fractal Data Compression | Igor Szczyrba UNC Advanced Modeling: Can it be done on a PC with "Mathematica"? | Gregg Waterman MSC Research at the Lower Undergraduate Level |
| 4:00 - 4:20 | Megan Hamilton, & Anessa Pobrick RU The Magical World of M.C. Escher | Harold Davenport MSC Geometry of the Quaternions | Thomas Kelley MSCD Going to Great Lengths: Observing the Transit of Venus in 1761 and 1769 |
| 4:25 - 4:45 | Tessa Weinstein & Amelia Canavan MSCD Evidence for Chaos in the Locomotion of Some Birds and Perhaps Fish | Michael Reese ASC Statistical Condition Estimation | Alexander Lemberg Complex Numbers and Trigonometry: A Geometric Approach to the Addition Formulas for Sine and Cosine, and Euler's Formula |
| 4:50 -5:40 | Department Liaisons Meeting in SMT 132 | | |
| 6:15 - 9:00 | Cocktails & Banquet at Alamosa Inn | | |
| 8:00 | Banquet Talk: <i>Calculus Books</i> , Professor Underwood Dudley, College Mathematics Journal Editor | | |

MAA-4CCTM Spring Meeting and CCTM Mini-Conference, Adams State College (Preliminary Schedule)

Saturday May 1

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|-------------|---|---|---|--|
| Time | SMT 130 | SMT 125 | SMT 135 | SMT 232 |
| 8:00 - 8:45 | MAA Business Meeting | CCTM Mini-Conf | CCTM Mini-Conf | CCTM Mini-Conf |
| 8:50 - 9:40 | Invited Address: <i>Formulas for Primes</i> , Professor Underwood Dudley, College Mathematics Journal Editor | Erwin Romero <i>Grades 9 - 12</i> Modeling Motion | Norma Eldredge <i>Grades 5 - 8</i> Stick Figures – Toothpick Geometry | Antoinette Martinez <i>Grades K - 12</i> Internet For Teachers |
| 9:45 -10:35 | Invited Address: <i>Florian Cajori, History and the Teaching of Mathematics in the Rocky Mountains</i> , Professor John Fauvel, Open University, UK | | | |

| Time | SMT 128 Student Session | SMT 130 MAA Presented Papers | SMT 132 MAA Presented Papers | SMT 125 CCTM Mini-Conf | SMT 135 CCTM Mini-Conf | SMT 232 CCTM Mini-Conf |
|---------------------|--|--|---|--|--|--|
| 10:40 - 11:00 | Sean McDonald & Aaron Mattley RU Love and the Area of a Rose | Cathleen Craviotto UNC Geometry and the Infinite | Bill Ramaley FLC History of the Rocky Mountain Section of the MAA | Dolores Dean <i>Grades 9 - 12</i> Making Secondary Math More Visual by Using Algebra Tiles | Lynn Sutphen <i>Grades 3 - 8</i> Using Alternative Assessment Practices In the Classroom | Jennifer Luebeck and Helen Gerretson <i>Grades K - 8</i> Developing K-8 Teachers Geometric Perspective |
| 11:05 - 11:25 | Steve A. Ramsey II USAFA Shift Maps and the Sequences of Fibonacci | Brigitte Lahme CSU Symmetry in Imagination, Real Life, and Mathematics | Katy Baumhover ASC Student The Amazing Sophie Germain | | | |
| 11:30 - 11:55 | Mark Jones USAFA Approximate Distributions of Chaotic Orbits | Sara Jones USC Why do Physics in Calculus? | Dick Walker FLC Writing in Mathematics | | | |
| 12:00 - 12:20 | Jennifer Stapleton & Stephen Heck RU Modeling the Capacity of a Room | Roger W. Johnson, Linda Alexander & John Weiss SDSMT Resources for Exploring Zip's Law | Larry Johnson & Peggy O'Neill-Jones MSCD Mathematics and Multimedia | | | |
| 12:25 - 12:45 | | Joy Werner CCTM Mini-Conference General Session Impact of Math CSAP | | | | |
| 1:00 - 1:45 | Lloyd Garcia <i>Grades 3 - 5</i> Mayan Mathematics | | Jennifer Leubeck and Helen Gerretson <i>Grades K - 8</i> Moving Beyond the Mundane Using Multiple Models to Motivate Proportional Reasoning | Dolores Dean <i>Grades 9 - 12</i> 'Area Under The Curve' Does Have Meaning | Nancy Budner <i>Grades 4 - 8</i> Welcome to the Titanic | |
| 1:55 - 2:40 | Lynn Sutphen <i>Grades 9 - 12</i> Using Alternative Assessment In The Classroom | | Debra Biennian <i>Grades 4 - 6</i> Writing In Math: Six Traits of Writing in Mathematics | | | George Sellman <i>Grades K - 12</i> MicroWorld – The New and Improved LOGO |
| 2:50 - 3:35 | Nancy Budner <i>Grades K - 3</i> Two of Everything: Assessment in Primary Grades | | | | Cindy Bervig <i>Grades 4 - 12</i> Mathematics and Baseball: Teammates All The Way | Steve Roach <i>Grades 9 - 12</i> What? Robots In The Classroom? (And a Little Bit of Algebra) |

CCTM Mini-Conference LUNCH
Provided by UCAN On Patio – South Side of Building

2nd floor Porter Rm 240 - South End of Bldg
2nd floor Porter Hall, Room 240

The Spring Meeting of the Rocky Mountain Section of the MAA

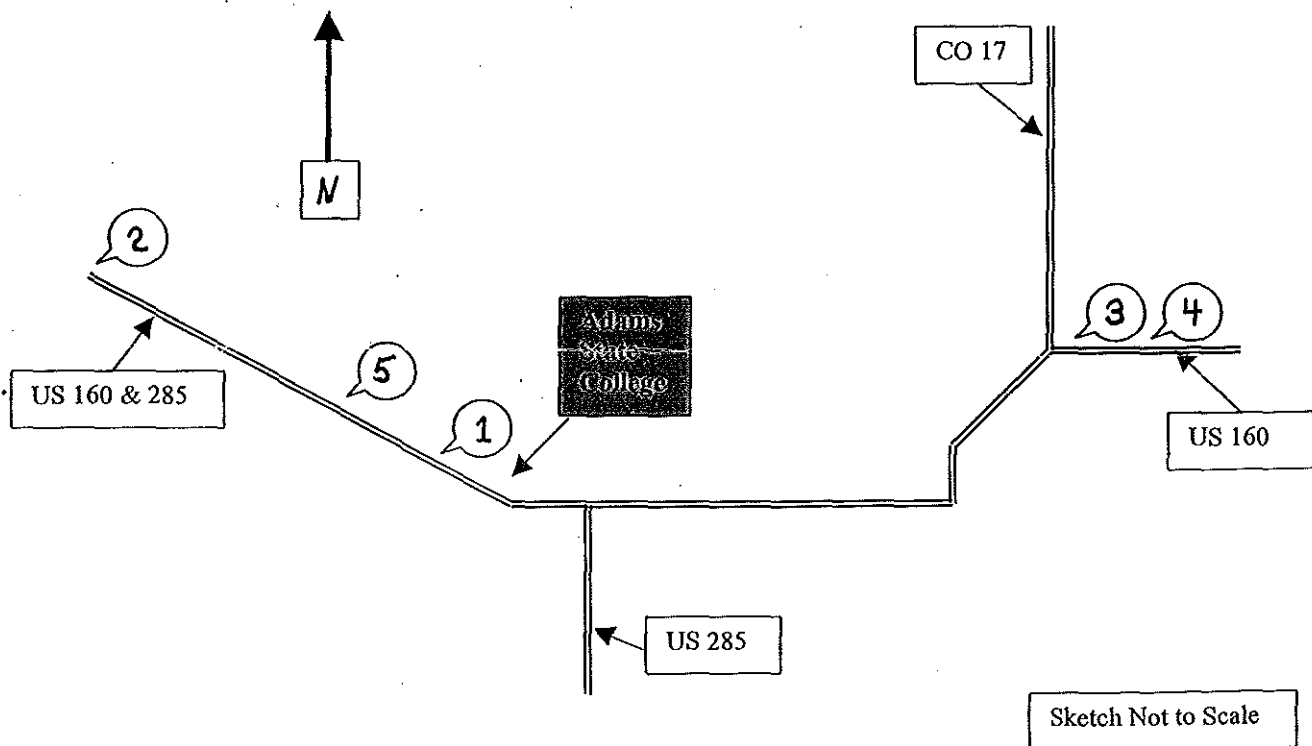
The spring section meeting will be held on Friday April 30 and Saturday May 1 at Adams State College in Alamosa, CO. The meeting, which will be held jointly with the Four Corners Council of Teachers of Mathematics, and will feature a Spring CCTM Mini-Conference, will bring mathematics educators from all levels (K-16), to the San Luis Valley.

Invited speakers include Underwood Dudley, Editor of College Mathematics Journal; John Fauvel, Fulbright Scholar visiting Colorado College this semester from the Open University, UK; and Monte Zenger, recipient of MAA Distinguished Teaching Award for 1998. Fauvel will present a talk titled "Florian Cajori, history and the teaching of mathematics in the Rocky Mountains".

Hotel Accommodations

Please call the hotel directly to make your reservations. Mention that you are an ASC Math Conference participant. All of the motels listed below are located on US Highway 160. The banquet will be held at the Alamosa Inn.

1. Alamosa Inn, 1919 Main (located two blocks West of campus), \$45 Single & \$50 Double. (719) 589-5123
2. Comfort Inn of Alamosa, US Highway 160, West Alamosa, (Located two miles West of campus), \$40 Single & \$48 Double. (719) 587-9000
3. Days Inn, 224 O'Keele Parkway, (Located 1.5 miles East of campus), \$39.88 Single & \$52.88 Double. (719) 589-9037
4. Holiday Inn of Alamosa, 333 Santa Fe Avenue, (located 1.5 miles East of campus). (719) 589-5833
5. Rio Grande Motel, 2051 Main, (Located 5 blocks West of campus), \$26.95 Single & \$34.95 Double. (719) 589-9095





Adams State College

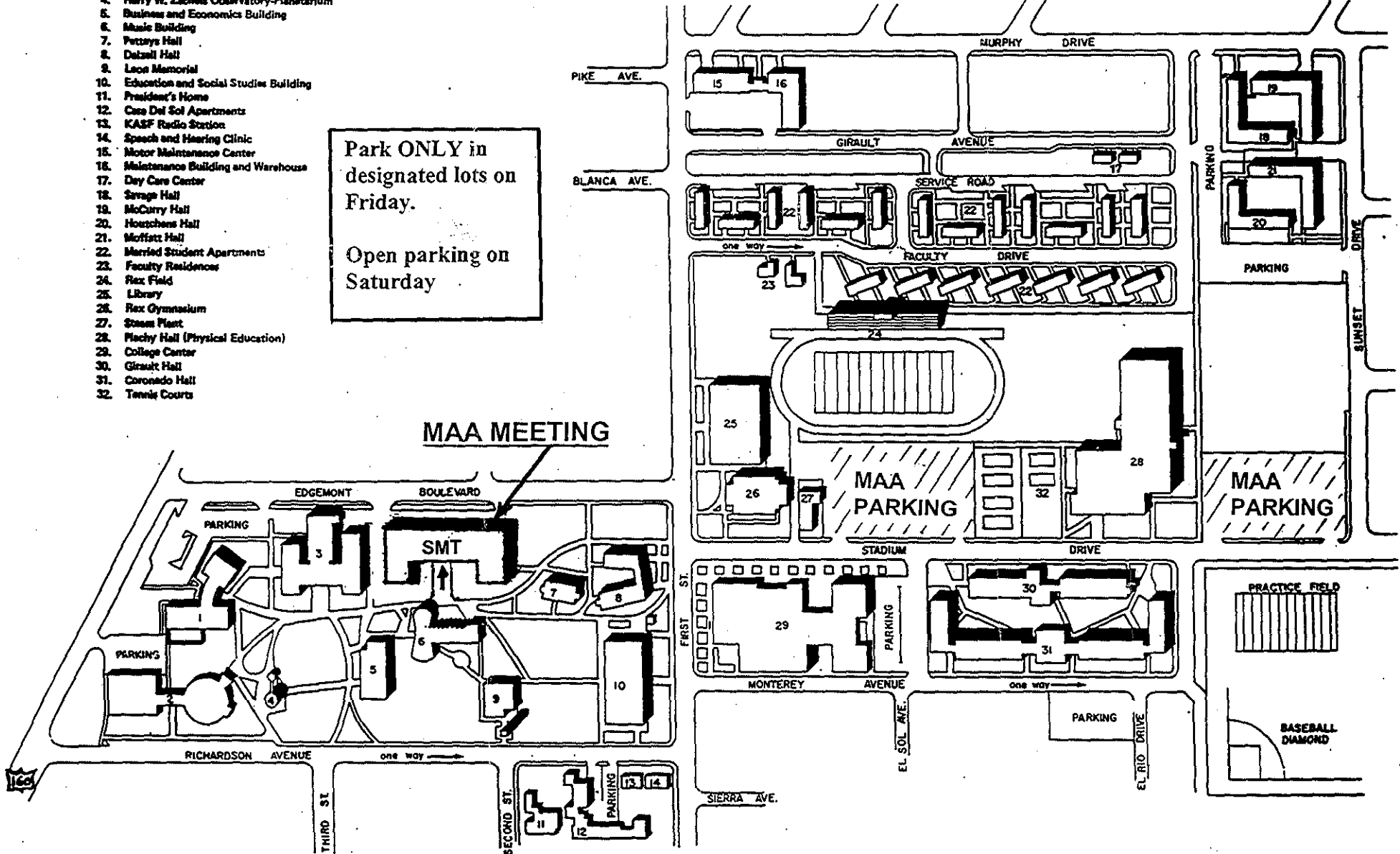
ALAMOSA, COLORADO 81102



1. Art Building
2. Science and Industrial Arts Building
3. Richardson Hall (Administration)
4. Harry W. Zacheis Observatory-Planetarium
5. Business and Economics Building
6. Music Building
7. Petzys Hall
8. Detail Hall
9. Leon Memorial
10. Education and Social Studies Building
11. President's Home
12. Casa Del Sol Apartments
13. KASF Radio Station
14. Speech and Hearing Clinic
15. Motor Maintenance Center
16. Maintenance Building and Warehouse
17. Dry Care Center
18. Savage Hall
19. McCurry Hall
20. Houschens Hall
21. Moffatt Hall
22. Married Student Apartments
23. Faculty Residences
24. Rex Field
25. Library
26. Rex Gymnasium
27. Steam Plant
28. Flechy Hall (Physical Education)
29. College Center
30. Girault Hall
31. Coronado Hall
32. Tennis Courts

Park ONLY in designated lots on Friday.

Open parking on Saturday



MAA MEETING

SMT

MAA PARKING

MAA PARKING

PRACTICE FIELD

BASEBALL DIAMOND



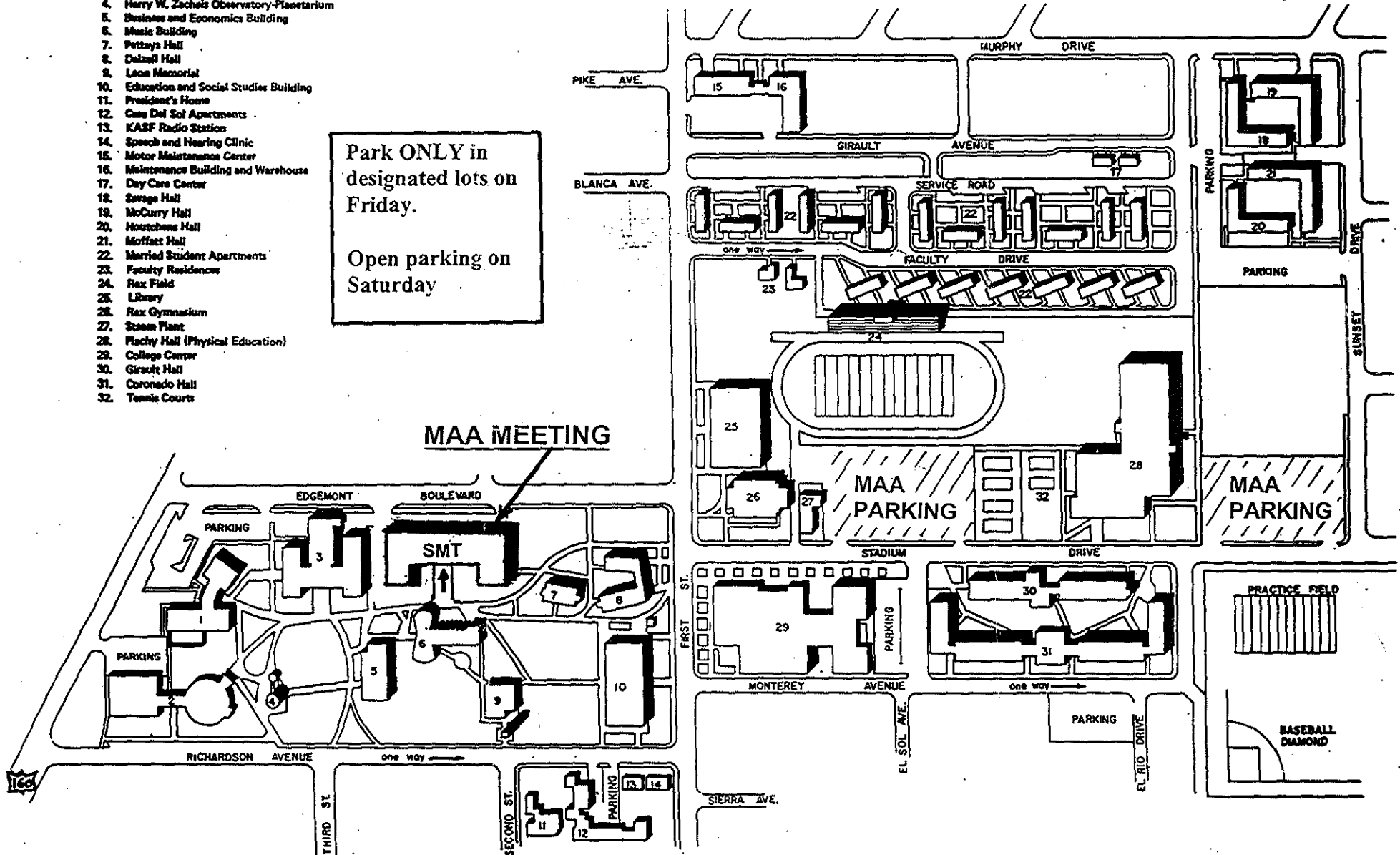
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