

**PAVING NOTE**

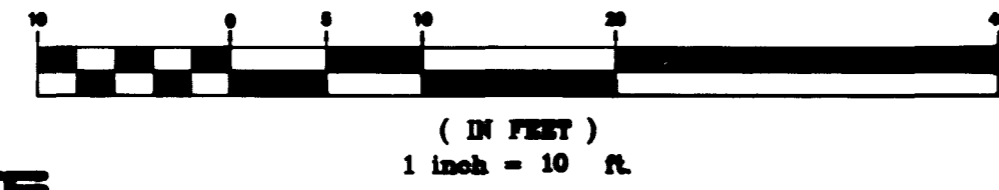
ON-SITE PAVING SECTION TO BE AS FOLLOWS:  
 2" ASPHALT CONCRETE ON 6" TYPE II AGGREGATE  
 BASE ON 6" RECOMPACTED NATIVE. SEE SOILS REPORT

**ENGINEER'S CERTIFICATE**

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

DATE: 12-30-98  
 EDWARD F. TAMEY, P.E. 9903

**GRAPHIC SCALE**



**BASIS OF BEARINGS**

THE NORTH LINE OF THE NE 1/4 OF THE SW 1/4 OF SECTION 22, T20S, R60E, M.D.M., AS SHOWN ON THE AMENDED PARCEL MAP RECORDED IN FILE 78, PAGE 12 OF PARCEL MAPS ON FILE IN THE CLARK COUNTY RECORDERS OFFICE, SAID BEARING BEING S89°19'53"E

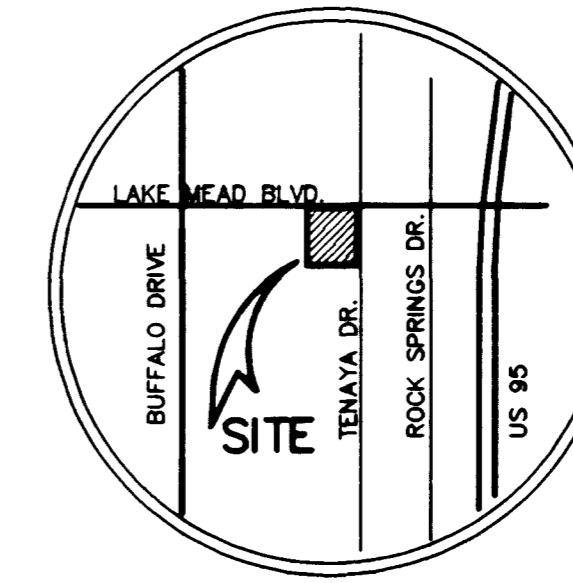
**LEGAL DESCRIPTION**

BEING A PORTION OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 22, TOWNSHIP 20 S, RANGE 60 EAST, MDM, CLARK COUNTY NEVADA

**BENCHMARK**

CITY OF LAS VEGAS VERTICLE CONTROL BENCHMARK NO. CLV002266 RIVET & PLATE IN TOP OF CURB ON LAKE MEAD BLVD. 400' WEST OF ROCK SPRINGS DRIVE, NORTH CURB LINE, ELEVATION 2368.48 (NORTH AMERICAN VERTICAL DATUM)

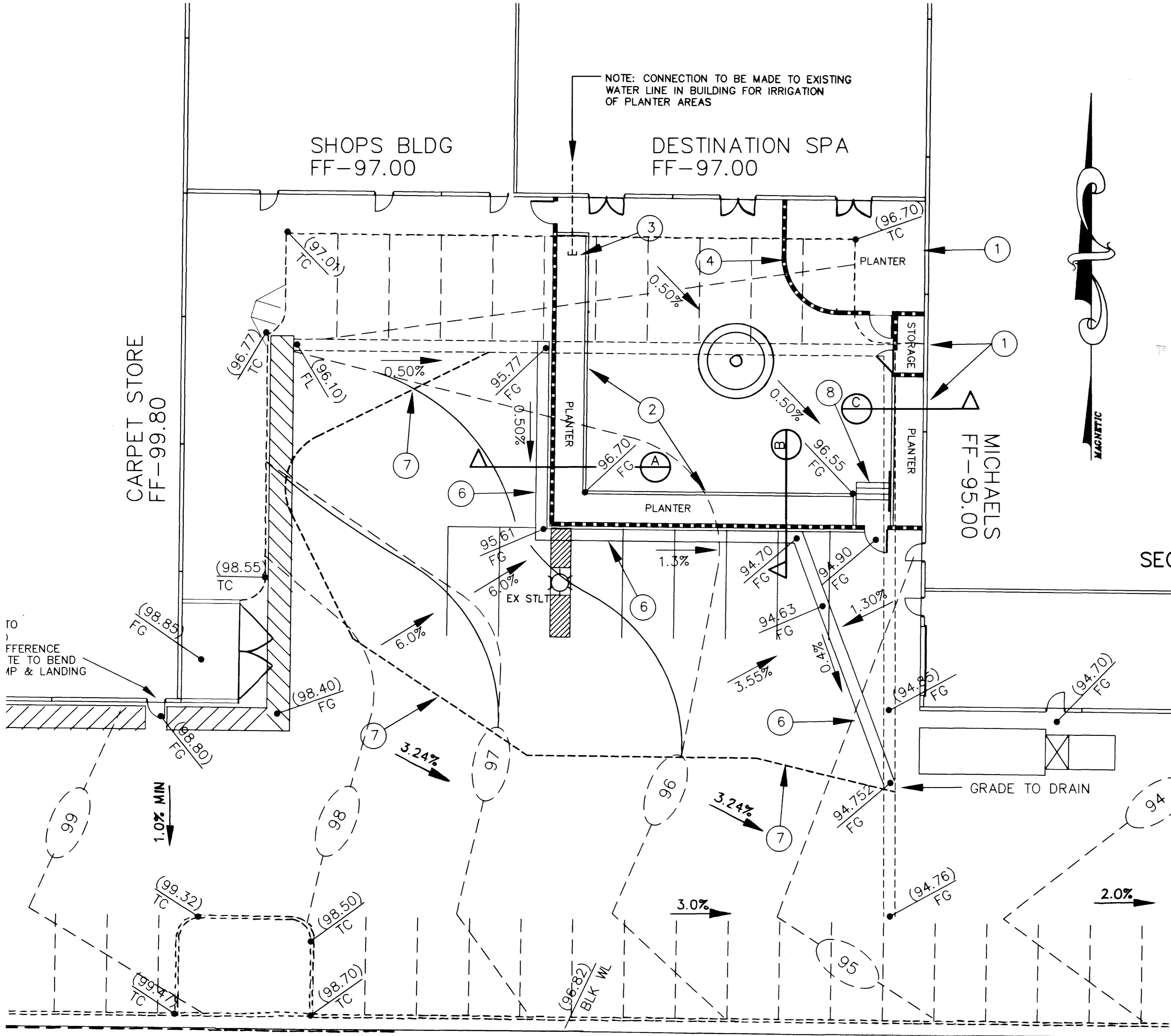
**VICINITY MAP**



**LEGEND**

- RETAINING/SCREEN WALL
- EXIST. BLOCK WALL
- EXISTING IMPROVEMENTS
- INTERMEDIATE CONTOUR
- PROPOSED CONTOUR
- SCARP
- SWALE
- SETBACK LINE
- EDGE OF PAVEMENT
- FINISHED FLOOR
- FINISHED GRADE
- FLOW LINE
- TOP OF CURB
- TOP OF FOOTING
- TOP RETAINING WALL
- NOT INCORPORATED
- BEGIN CURB RETURN
- HC ACCESS ROUTE
- SLOPES NOT TO EXCEED 2% CROSS/5% LONGITUDE

**NOTE: DESTINATION SPA RESORT IS PART OF THE APPROVED COMMERCIAL SUBDIVISION "LAKE MEAD PAVILION" CLV #107-V2789**



**CONSTRUCTION NOTES**

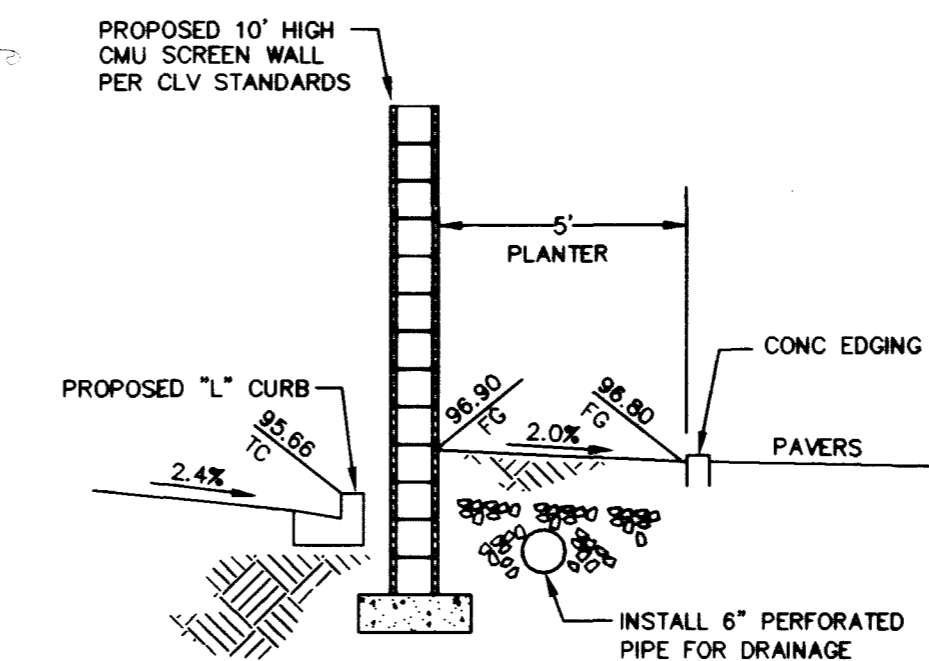
1. INSTALL PARASEAL HDPE/BENTONITE SHEET MEMBRANE AGAINST MICHAELS WALL FOR WATER PROOFING OF PROPOSED PLANTER AND STORAGE AREAS. NOTE: MICHAELS IS 2 FEET LOWER THAN PROPOSED PATIO.
2. INSTALL 6" WIDE CONCRETE EDGING
3. INSTALL ANTI-SIPHON VALVE FOR PATIO IRRIGATION
4. CONSTRUCT 8" CMU SCREEN WALL PER CLV STANDARDS
5. CONSTRUCT 10" CMU SCREEN WALL PER CLV STANDARDS
6. INSTALL "L" TYPE CURB & GUTTER
7. ASPHALT PAVING SAWCUT LINE
8. INSTALL CONC STEPS AND HANDRAIL

**GRADING NOTES**

1. ALL GRADES SHOWN ARE .3 FEET BELOW ROUGH GRADE TO ALLOW FOR LANDSCAPING; EXCEPT TC, FL, AND FG, WHICH ARE TO FINISH GRADE.
2. FINAL GRADES ADJACENT TO STRUCTURE AFTER LANDSCAPING SHALL BE 0.7 FEET BELOW FINISH FLOOR.
3. THE QUANTITIES SHOWN ARE ESTIMATES ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES.
4. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER BEFORE BEGINNING WORK.
5. PAD ELEVATION IS TO BE 0.80 FEET BELOW FINISH FLOOR.
6. ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION.
7. ALL SLOPES ARE TO BE TWO FEET HORIZONTAL TO ONE FOOT VERTICAL UNLESS OTHERWISE NOTED.
8. SEE FINAL MAP FOR EXACT BEARINGS AND DISTANCES.
9. SEE PLAN AND PROFILE AND DETAIL SHEETS FOR STREET SECTIONS AND DETAILS.
10. ALL WORK PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFFSITE OWNER.
11. ALL WORK PERFORMED WITHIN PUBLIC RIGHT OF WAY AND OUTSIDE OF THE PROJECT BOUNDARY SHALL BE PERFORMED UNDER A SEPARATE ENCROACHMENT PERMIT ISSUED BY THE CONTROLLING AUTHORITY.

**CONSTRUCTION QUANTITIES**

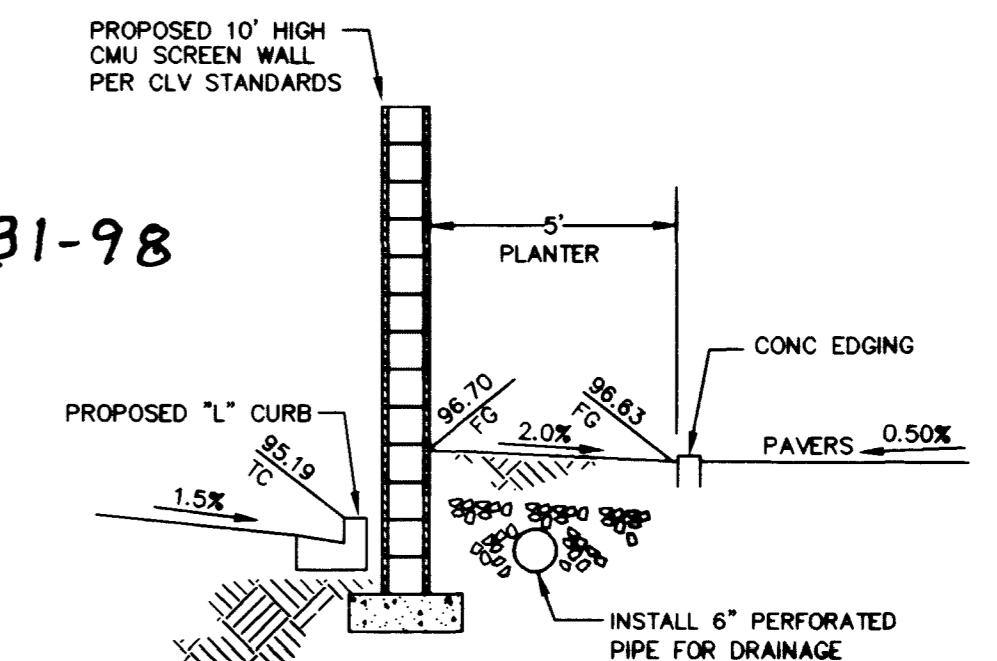
|  |         |
|--|---------|
| EXISTING PAVEMENT TO BE REMOVED            | 7427 SF |
| 2" ASPHALT CONCRETE PAVING (NEW)           | 4551 SF |
| 10" HIGH CMU SCREEN WALL PER CLV STANDARDS | 114 LF  |
| 8" HIGH CMU SCREEN WALL PER CLV STANDARDS  | 46 LF   |
| 4" WIDE WROUGHT IRON GATE                  | 4 EA    |
| PRECAST BLOCK PAVERS (PATIO AREA)          | 2391 SF |
| PLANTER AREA (AROUND PATIO)                | 900 SF  |
| PRECAST WATER FOUNTAIN                     | 1 EA    |
| REMOVAL OF EXISTING SIDEWALK               | 416 SF  |
| REMOVAL OF EXISTING VALLEY GUTTER          | 123 LF  |



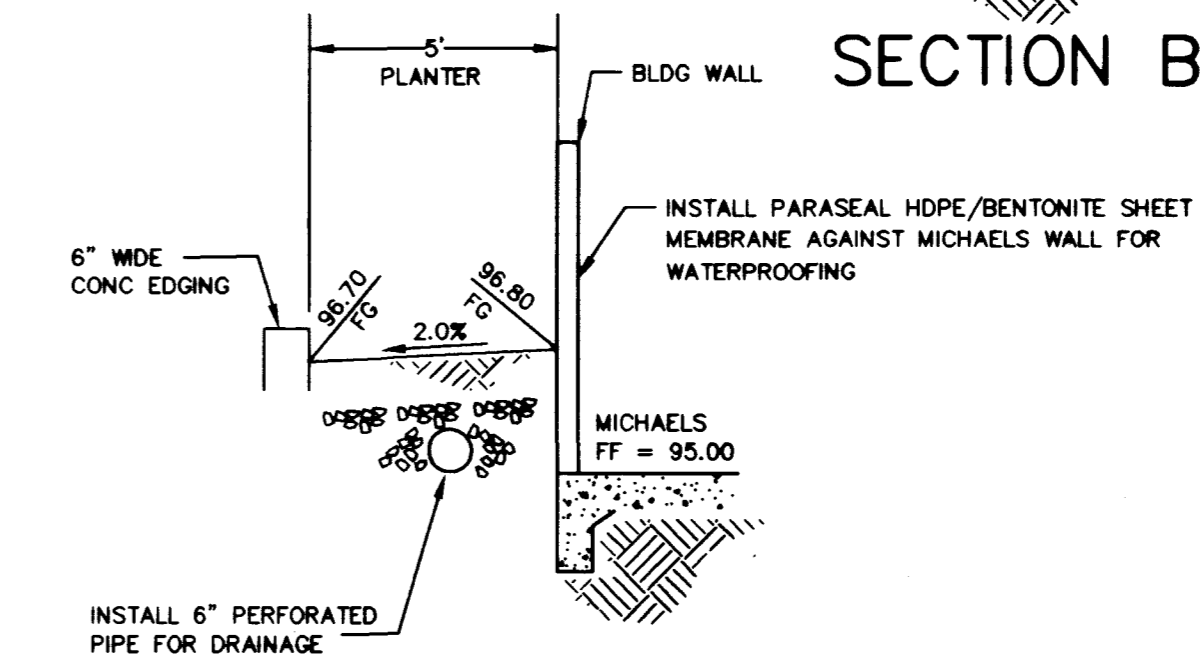
SECTION A CROSS SECTION

**APPROVALS:**

*Charles Kajkowski, Jr.* 12-31-98  
 CHARLES KAJKOWSKI, JR.; PE # 4784 DATE  
 CITY PLANNING ENGINEER



SECTION B CROSS SECTION



SECTION C CROSS SECTION

**NOTICE!**  
 EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONFORMANCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

**Call BEFORE YOU Dig!**  
 1-800-227-2800

**GREAT AMERICAN CAPITAL**  
 8687 W. SAHARA AVE. #201  
 LAS VEGAS, NEVADA 89117  
 (702) 253-5751

**ALPHA & ENGINEERING COMPANY**  
 90 So. Jones #202, Las Vegas, NV 89107  
 Telephone: (702) 877-1300

**PATIO ADDITION GRADING PLAN**

**DESTINATION SPA AT LAKE MEAD PAVILION**

SHEET: 12-16-98  
 DESIGNED BY: SFC  
 CHECKED BY: ET  
 PROJECT NO: 710506  
 SCALE: 1"=10'

**EDWARD F. TAMEY, P.E.**  
 CIVIL ENGINEER  
 No. 9903 EXPIRES 12-31-03

**GRANPLAN**  
 SHEET 21 OF 5 SHEETS  
 DRAWING NO: 107-V2789

**PAVING NOTE**

PAVING PLAN  
 1/2" = 1'-0"

**MECHANICAL CONDITIONS**  
 ALL MECHANICAL WORK SHALL BE IN ACCORDANCE WITH THE MECHANICAL CODES AND SPECIFICATIONS OF THE CITY OF LOS ANGELES.



**BASEL OF WORK**

BASEL OF WORK SHALL BE THE EXISTING GRADE AT THE POINTS INDICATED ON THIS PLAN.

**LEGAL DESCRIPTION**

LEGAL DESCRIPTION OF THE PROPERTY SHALL BE AS SHOWN ON THE RECORD MAP.

**NOTICE**

THIS PLAN IS A PART OF THE APPROVED COMMERCIAL SUBDIVISION MAP FOR THE DESTINATION SPA RESORT. THE COMPLETE SET OF PLANS IS ON FILE AT THE CITY ENGINEER'S OFFICE.

**PROPERTY MAP**



**LEGEND**

- 1. 1/2" = 1'-0"
- 2. 1/4" = 1'-0"
- 3. 1/8" = 1'-0"
- 4. 1/16" = 1'-0"
- 5. 1/32" = 1'-0"
- 6. 1/64" = 1'-0"
- 7. 1/128" = 1'-0"
- 8. 1/256" = 1'-0"
- 9. 1/512" = 1'-0"
- 10. 1/1024" = 1'-0"
- 11. 1/2048" = 1'-0"
- 12. 1/4096" = 1'-0"
- 13. 1/8192" = 1'-0"
- 14. 1/16384" = 1'-0"
- 15. 1/32768" = 1'-0"
- 16. 1/65536" = 1'-0"
- 17. 1/131072" = 1'-0"
- 18. 1/262144" = 1'-0"
- 19. 1/524288" = 1'-0"
- 20. 1/1048576" = 1'-0"
- 21. 1/2097152" = 1'-0"
- 22. 1/4194304" = 1'-0"
- 23. 1/8388608" = 1'-0"
- 24. 1/16777216" = 1'-0"
- 25. 1/33554432" = 1'-0"
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- 29. 1/536870912" = 1'-0"
- 30. 1/1073741824" = 1'-0"
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