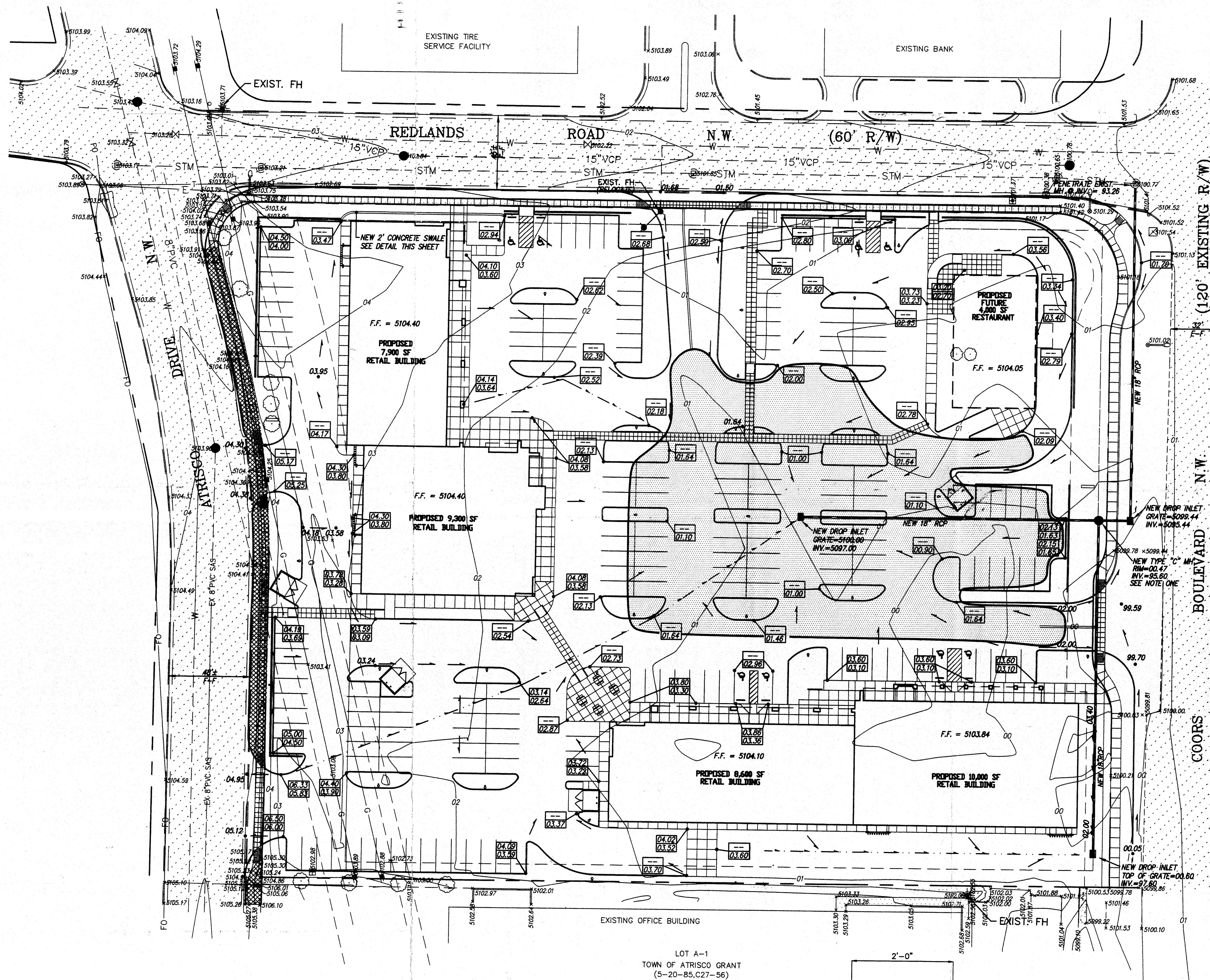
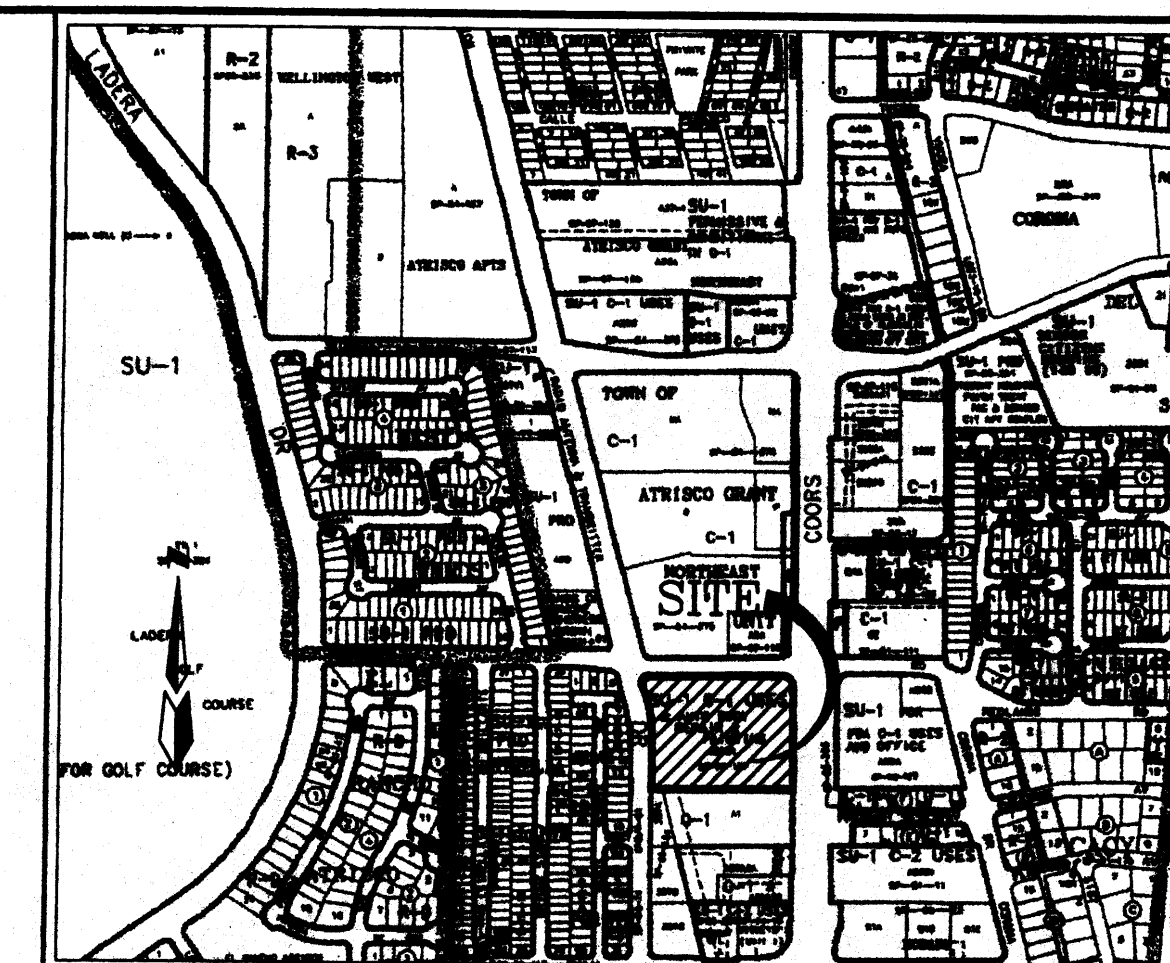




CONCRETE SWALE SECTION  
N.T.S.



VICINITY MAP ZONE MAP: G-11-Z

#### GENERAL NOTES

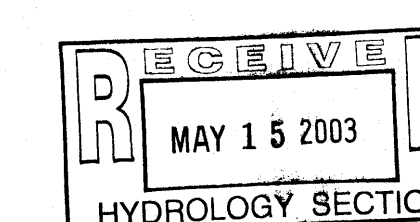
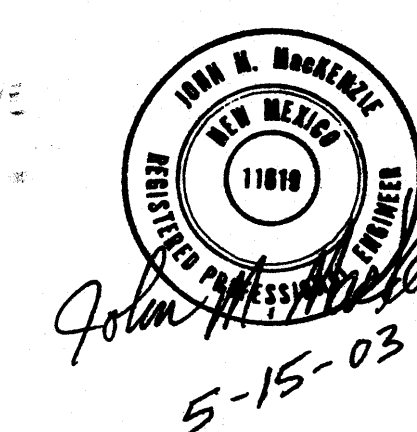
1. THE OPENING FROM THE ON-SITE DROP INLET TO THE 18" RCP OUTFALL SHALL BE COVERED WITH A 1/4" THICK STAINLESS STEEL PLATE WITH A 3 1/2" DIAMETER BORE LOCATED SO THAT ITS BOTTOM MATCHES THE FLOWLINE OF THE RCP.
2. SEE CITY HYDROLOGY FILE FOR DETAILED DRAINAGE INFORMATION.
3. THIS PLAN SHALL BE FOLLOWED-UP BY A MORE DETAILED GRADING AND DRAINAGE PLAN FOR BUILDING PERMIT.
4. THIS PROPERTY IS NOT LOCATED IN A FEMA FLOODPLAIN PER FIRM NO. 35001C0327.
5. THERE ARE NO SIGNIFICANT OFFSITE FLOWS ENTERING THIS SITE. EXISTING MINOR OFF-SITE FLOWS FROM THE SOUTH WILL BE ROUTED THROUGH THE SITE.
6. PROPERTY OWNER IS RESPONSIBLE FOR MAINTAINING DRAINAGE IMPROVEMENTS ON THE PROPERTY SO THAT THEY CONTINUE TO FUNCTION PROPERLY YEAR AFTER YEAR.
7. ELEVATIONS SHOWN HEREON ARE INTENDED TO BE FINAL GRADES. OWNER, ROUGH GRADING CONTRACTOR AND LANDSCAPE CONTRACTOR ARE RESPONSIBLE FOR ASSURING THAT AFTER ALL WORK IS COMPLETE, SITE'S FINAL SURFACE GRADES ARE AS SHOWN HEREON.
8. EARTHWORK CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND FOLLOWING REQUIREMENTS OF THE SURFACE DISTURBANCE PERMIT FROM THE CITY ENVIRONMENTAL HEALTH DEPARTMENT.
9. OWNER AND ALL ASSOCIATED CONTRACTORS WHO ENGAGE IN ALTERATION OF SITE SURFACES OUTSIDE OF BUILDINGS, SHALL FILE A NOTICE OF INTENT WITH EPA AND FOLLOW STORM WATER POLLUTION PREVENTION PLAN REQUIREMENTS.

#### LEGAL DESCRIPTION

TRACT 4-28-B1 AND A-28-B2, NORTHEAST UNIT, TOWN OF ATRISCO GRANT, SECTION 2 TOWNSHIP 10 NORTH, RANGE 2 EAST, NMPM CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

#### LEGEND

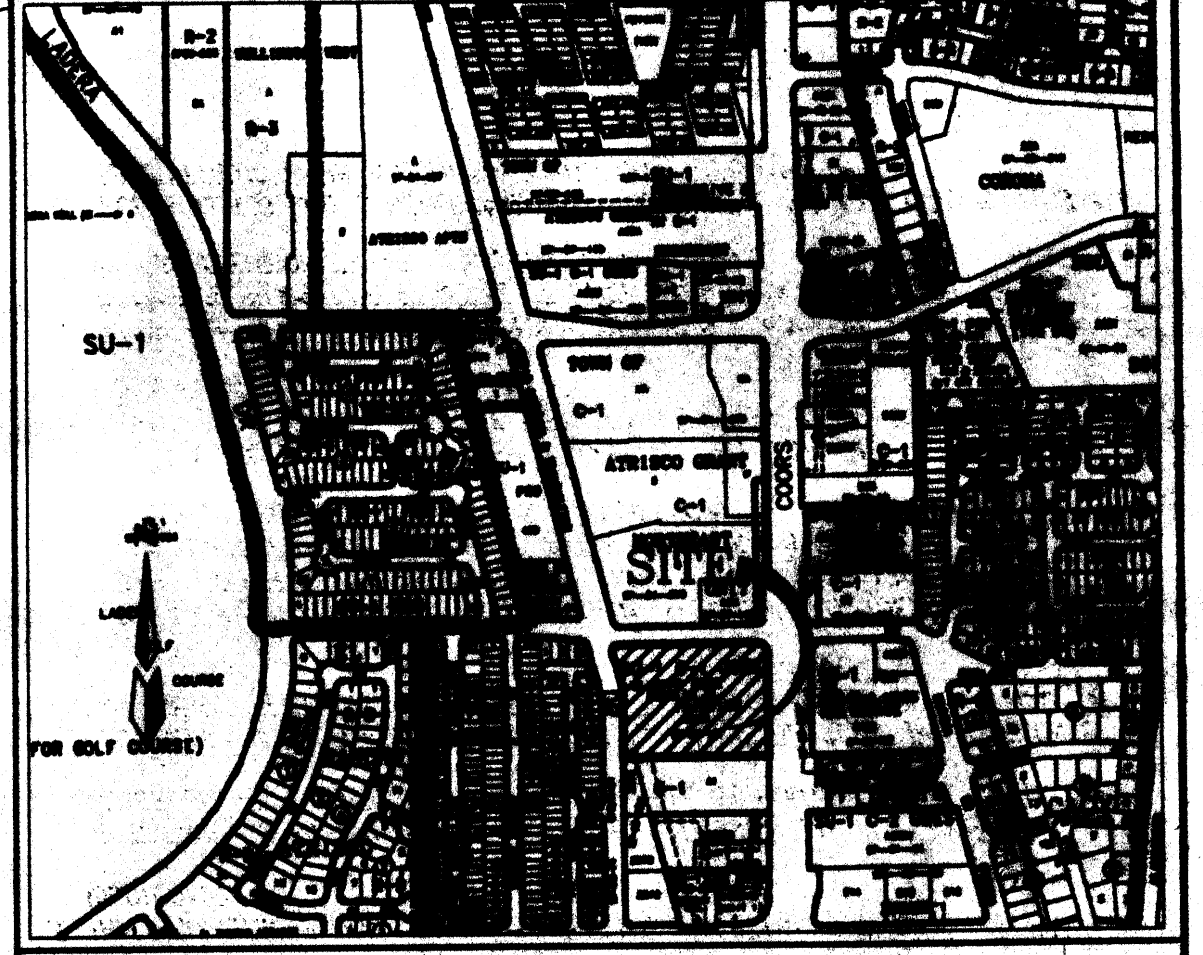
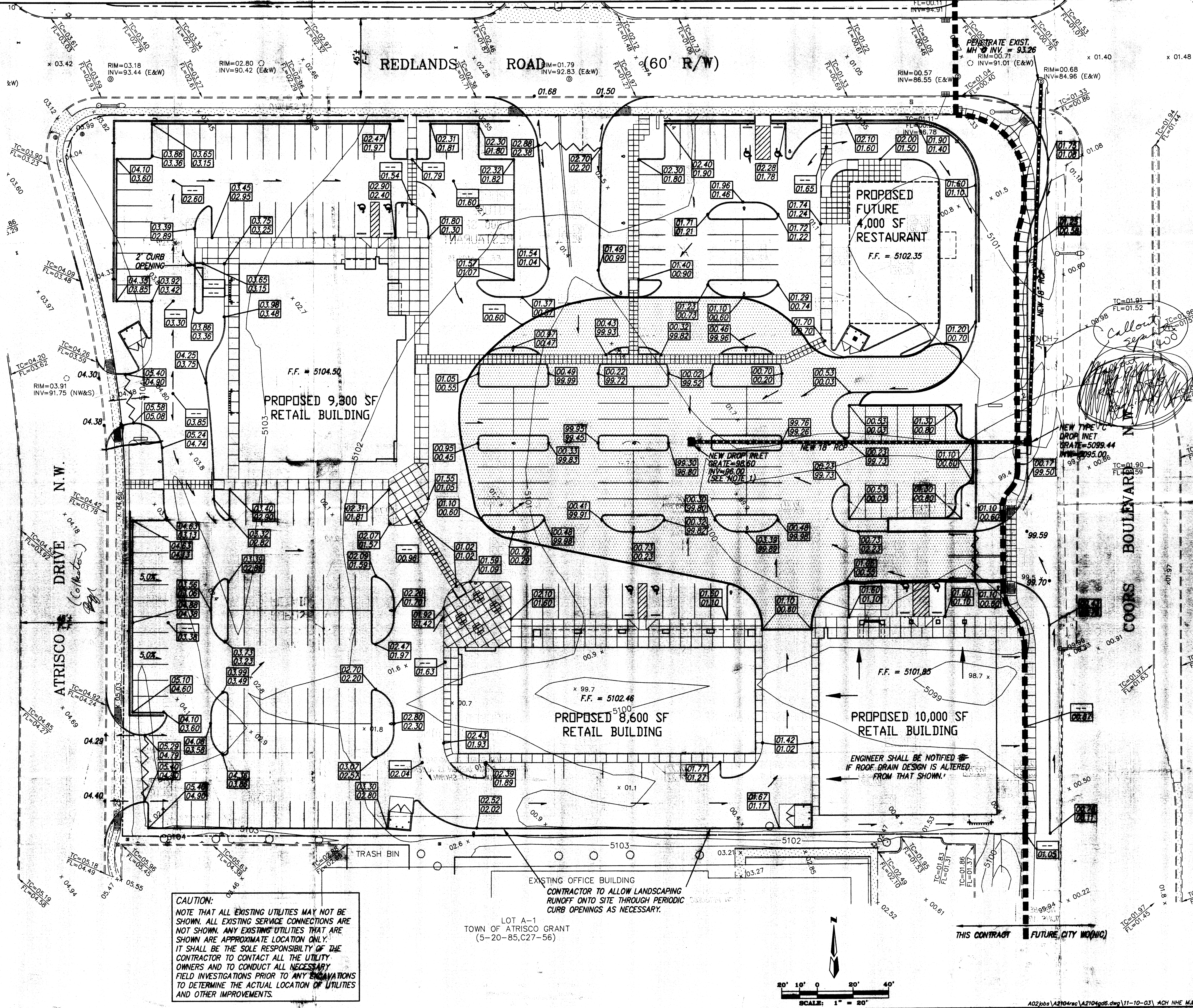
|                         |                                                   |
|-------------------------|---------------------------------------------------|
| x 00.10                 | EXISTING SPOT ELEV.                               |
| 00.10<br>00.10<br>00.10 | PROPOSED TOP OF CURB AND FLOWLINE SPOT ELEVATIONS |
| ---                     | PROPERTY LINE                                     |
| ---                     | EASEMENT LINE                                     |
| 5102                    | EXISTING CONTOUR LINE                             |
| STM                     | EXISTING STORM DRAIN LINE                         |
| ---                     | EXISTING CURB & GUTTER                            |
| ---                     | EXISTING EDGE OF PAVEMENT                         |
| ---                     | EXISTING CONCRETE/SIDEWALK                        |
| ---                     | EXISTING PAVEMENT                                 |
| ---                     | NEW POND AREA                                     |



#### REDLANDS SHOPPING CENTER CONCEPTUAL GRADING & DRAINAGE

**dmg** MARK GOODWIN & ASSOCIATES, P.A.  
CONSULTING ENGINEERS  
P.O. BOX 90606  
ALBUQUERQUE, NEW MEXICO 87199  
505-825-2500 FAX 505-75-9555





**VICINITY MAP** ZONING MAP: G-11-2

THESE ELEVATIONS ARE BASED ON THE ASSUMPTION THAT THE GROUND SURFACE IS AS SHOWN ON THE VICINITY MAP. THE ENGINEER HAS CONDUCTED A VISUAL INSPECTION OF THE SITE AND HAS FOUND NO EVIDENCE OF ANY OTHER FEATURES THAT WOULD AFFECT THE ELEVATIONS.

**GENERAL NOTES**

1. THE OPENING FROM THE ON-SITE DROP INLET TO THE 18\"/>
  2. THIS PLAN SHALL BE FOLLOWED BY A MORE DETAILED GRADING AND DRAINAGE PLAN FOR EACH PERMIT.
  3. THIS PROPERTY IS NOT LOCATED IN A FEMA FLOODPLAIN PER FIRM NO. 3800100327.
  4. THERE ARE NO SIGNIFICANT OFFSITE FLOWS ENTERING THIS SITE. EXISTING MINOR OFF-SITE FLOWS FROM THE SOUTH WILL BE ROUTED THROUGH THE SITE.
  5. PROPERTY OWNER IS RESPONSIBLE FOR MAINTAINING DRAINAGE IMPROVEMENTS ON THE PROPERTY SO THAT THEY CONTINUE TO FUNCTION PROPERLY YEAR AFTER YEAR.
  6. ELEVATIONS SHOWN HEREON ARE INTENDED TO BE FINAL GRADES. OWNER, ROUGH GRADING CONTRACTOR AND LANDSCAPE CONTRACTOR ARE RESPONSIBLE FOR ASSURING THAT AFTER ALL WORK IS COMPLETE, SITE'S FINAL SURFACE GRADES ARE AS SHOWN HEREON.
  7. EARTHWORK CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND FOLLOWING REQUIREMENTS OF THE SURFACE DISTURBANCE PERMIT FROM THE CITY ENVIRONMENTAL HEALTH DEPARTMENT.
  8. OWNER AND ALL ASSOCIATED CONTRACTORS WHO ENGAGE IN ALTERATION OF SITE SURFACES SHALL FILE A NOTICE OF INTEREST WITH EPA AND FOLLOW STORM WATER POLLUTION PREVENTION PLAN REQUIREMENTS.
- PROPERTY OWNER SHALL BE RESPONSIBLE FOR OBTAINING AND FOLLOWING REQUIREMENTS OF THE SURFACE DISTURBANCE PERMIT FROM THE CITY ENVIRONMENTAL HEALTH DEPARTMENT.
- PROPERTY OWNER SHALL BE RESPONSIBLE FOR OBTAINING AND FOLLOWING REQUIREMENTS OF THE SURFACE DISTURBANCE PERMIT FROM THE CITY ENVIRONMENTAL HEALTH DEPARTMENT.

**LEGEND**

|  |                           |
|--|---------------------------|
|  | PROPOSED GROUND LINE      |
|  | EXISTING GROUND LINE      |
|  | PROPOSED STORM DRAIN LINE |
|  | EXISTING STORM DRAIN LINE |
|  | PROPOSED CURB & GUTTER    |
|  | EXISTING CURB & GUTTER    |
|  | PROPOSED PAVEMENT         |
|  | EXISTING PAVEMENT         |
|  | PROPOSED SIDEWALK         |
|  | EXISTING SIDEWALK         |

Engineer's Stamp

**REDLANDS SHOPPING CENTER**  
**GRADING & DRAINAGE PLAN**

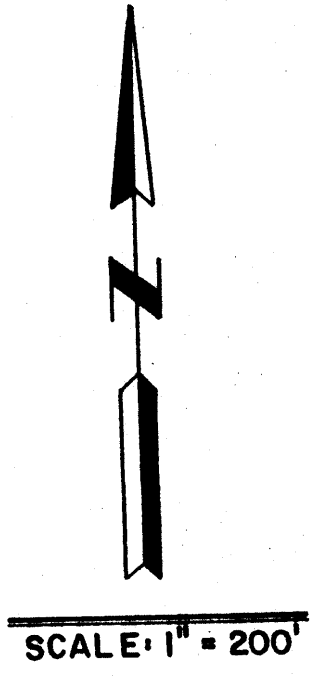
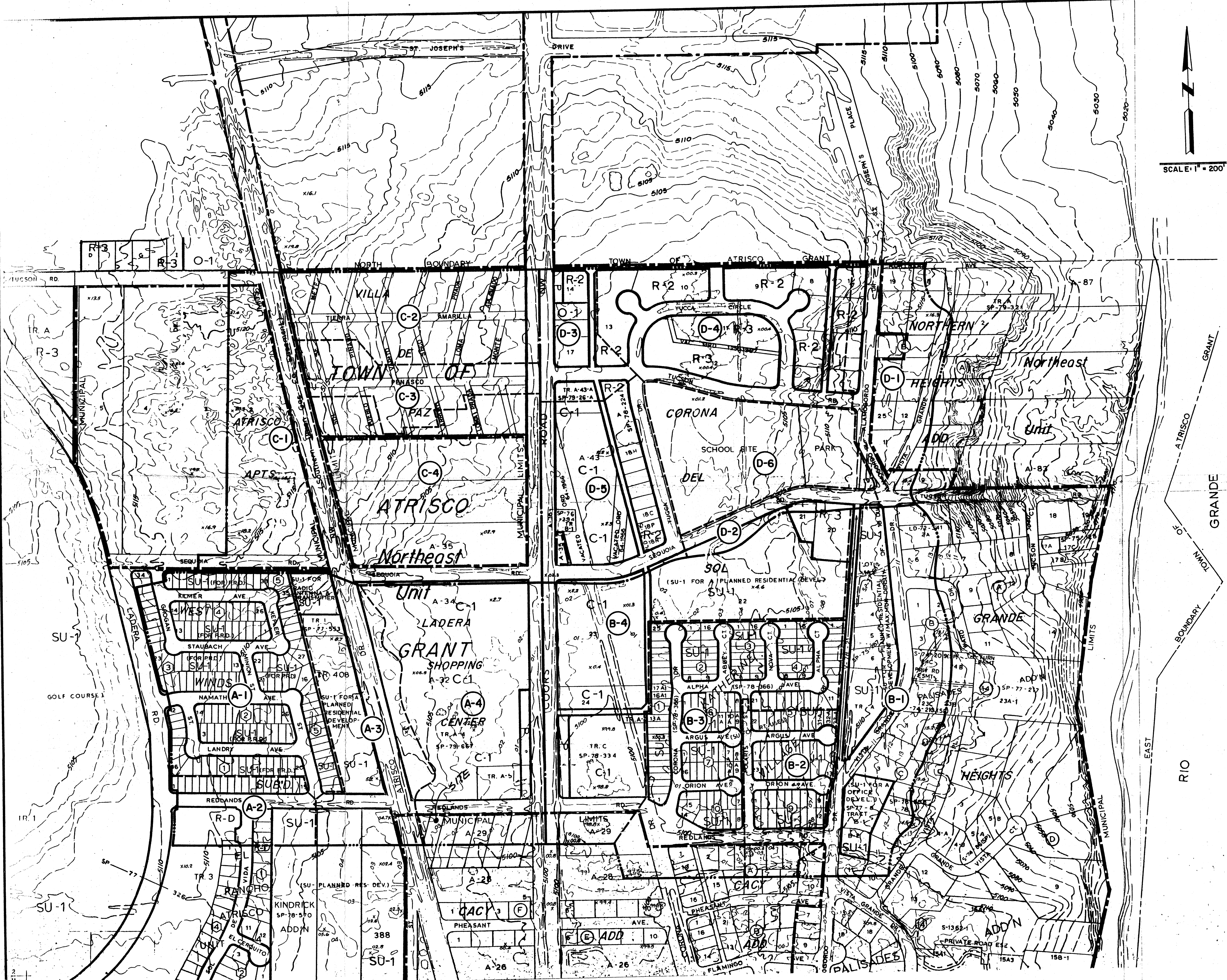
**dmg** MARK GOODWIN & ASSOCIATES, P.A.  
CONSULTING ENGINEERS  
P.O. BOX 10806  
ALBUQUERQUE, NEW MEXICO 87199  
(505)828-2200, FAX (505)767-9539

Designed: JMM Drawn: MJR Checked: DMG  
Scale: 1\"/>









- LEGEND**
- ..... STUDY AREA BOUNDARY
  - DRAINAGE BASIN BOUNDARY
  - - - SUB-BASIN BOUNDARY
  - (B-3) SUB-BASIN AREA DESIGNATION

|                                 |         |         |             |         |
|---------------------------------|---------|---------|-------------|---------|
| CITY OF ALBUQUERQUE             |         |         |             |         |
| SPECIAL ASSESSMENT DISTRICT 198 |         |         |             |         |
| DRAINAGE STUDY                  |         |         |             |         |
| DRAINAGE BASIN BOUNDARY MAP     |         |         |             |         |
| ANDREWS, ASBURY & ROBERT, INC.  |         |         |             |         |
| CONSULTING ENGINEERS            |         |         |             |         |
| ALBUQUERQUE NEW MEXICO          |         |         |             |         |
| FILE No.                        | DRAWN   | CHECKED | DATE        | MAP No. |
| 80-201                          | PMO, JV | RF, JA  | Sept., 1983 | 3       |