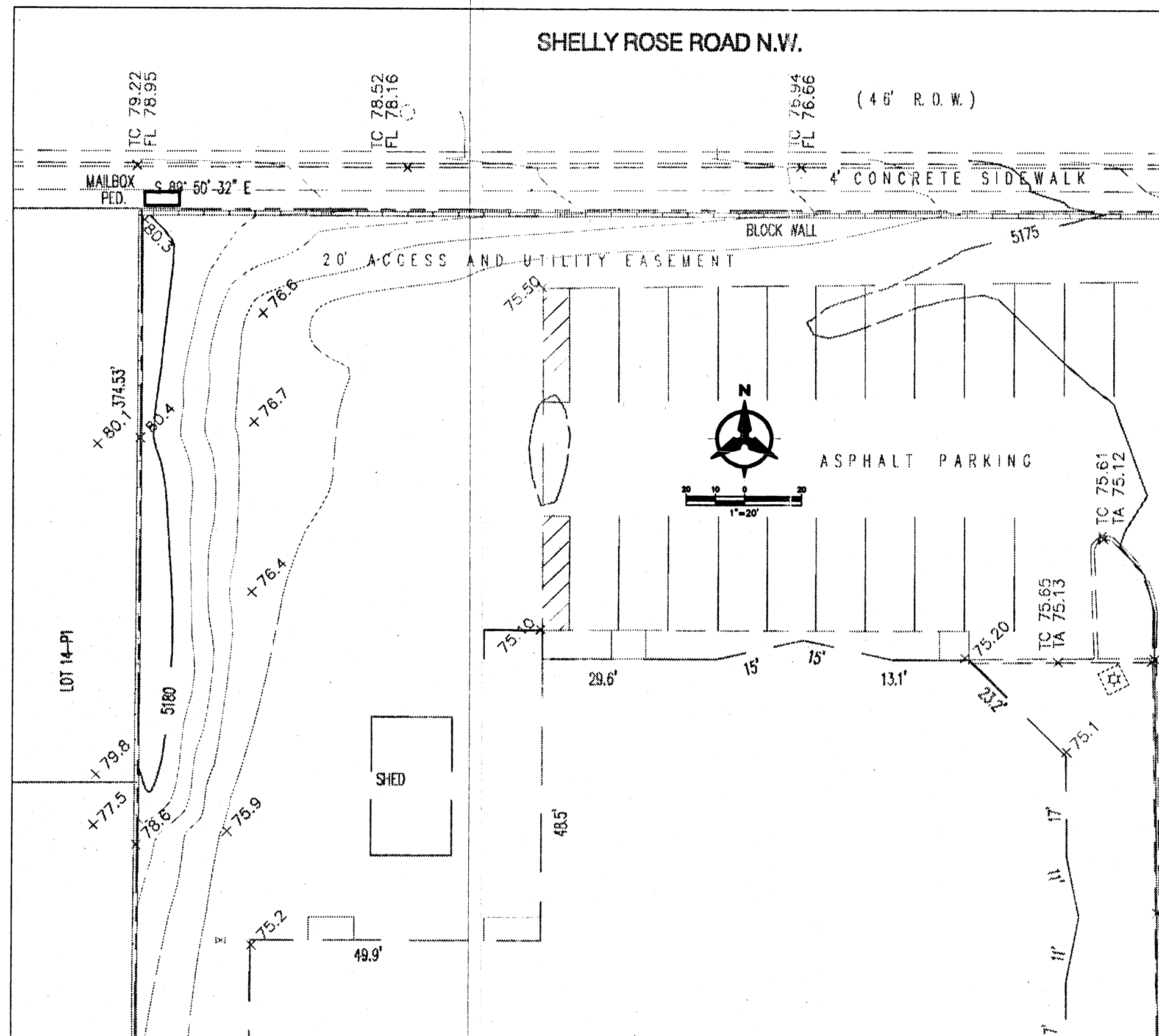




EXISTING CONDITIONS

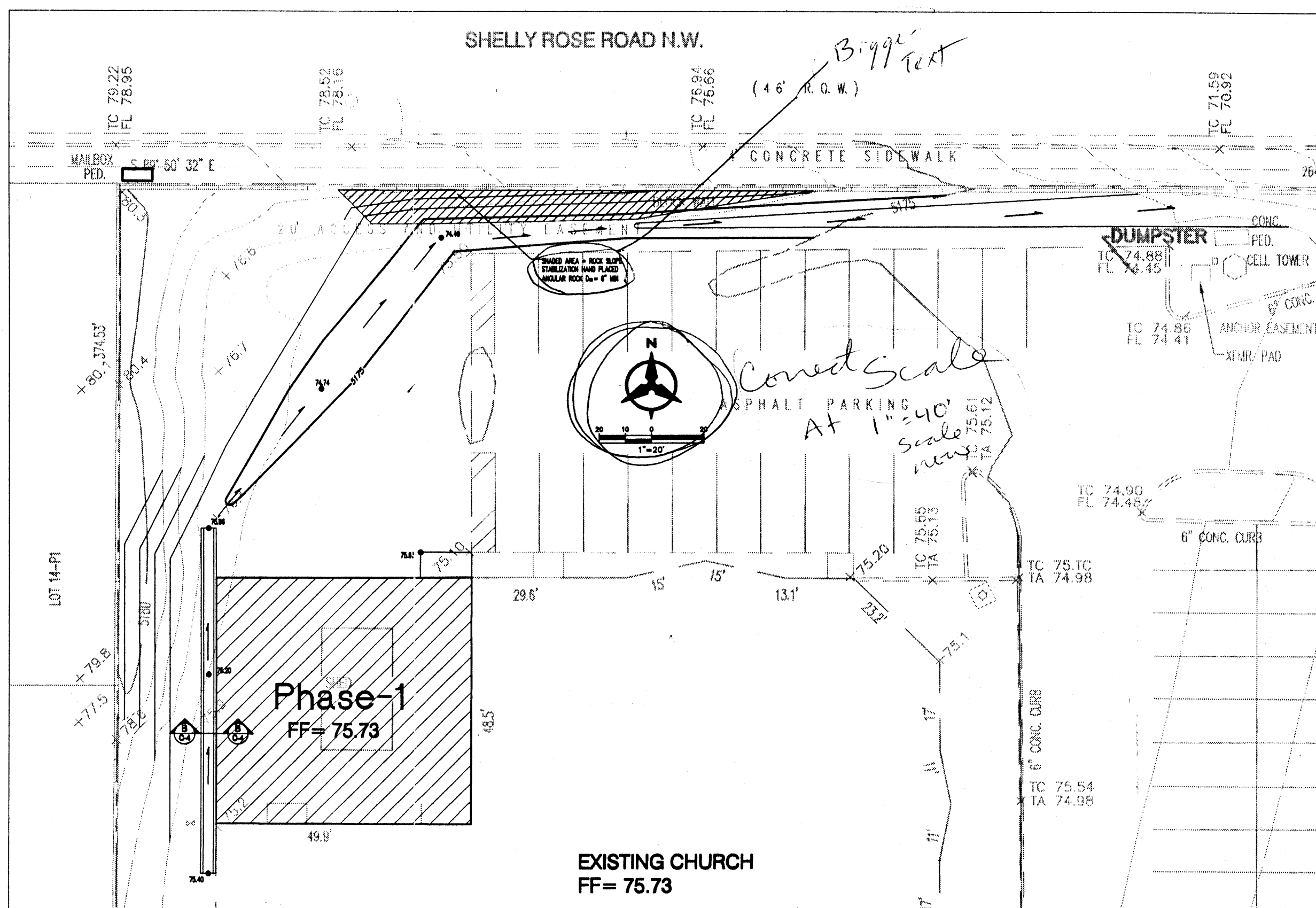
#### DRAINAGE MANAGEMENT PLAN

PHASE 1 WILL INCLUDE THE ADDITION OF A 2,420SF ONE-STORY BUILDING. HYDROLOGIC CHANGES RESULTING FROM THIS PROJECT ARE NEGLIGIBLE. ALL PORTS OF DISCHARGE FROM THE SITE REMAIN UNCHANGED. THIS PORTION OF THE SITE WILL CONTINUE TO DRAIN VIA SURFACE FLOW THROUGH THE DRIVE PAD IN SHELLEY ROSE ROAD. A THOROUGH HYDRAULIC AND HYDROLOGIC ANALYSIS OF THE FULL BUILD OUT SCENARIO WAS PROVIDED ON THE CONCEPTUAL GRADING AND DRAINAGE PLAN (ENGINEER STAMP DATED 4/9/04). THERE ARE NO OFFSITE FLOWS ASSOCIATED WITH THIS SITE.

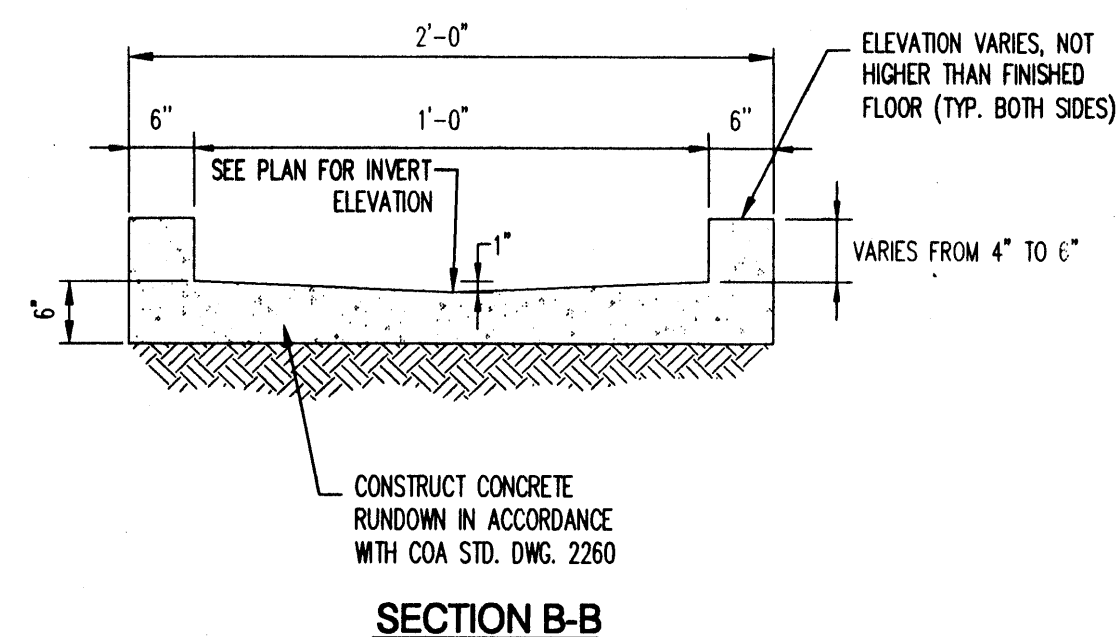
THE SITE IS LOCATED WITHIN ZONE ATLAS MAP # C-12-Z. IN REFERENCE TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY MAP #3500100108 E THERE IS NOT A FLOOD ZONE WITHIN PROXIMITY TO THE SITE.

| RIO VISTA CHURCH - PHASE I                          |               |            |                            |       |       |        |                  |              |
|-----------------------------------------------------|---------------|------------|----------------------------|-------|-------|--------|------------------|--------------|
| Basin Data Table                                    |               |            |                            |       |       |        |                  |              |
| This table is based on the DWM Section 213, Zone 11 |               |            |                            |       |       |        |                  |              |
| BASIN ID                                            | Area (SQ. FT) | Area (AC.) | Land Treatment Percentages |       |       |        | Q(100) (cfs/ac.) | Q(100) (cfs) |
|                                                     |               |            | A                          | B     | C     | D      |                  |              |
| EXISTING                                            | 2420          | 0.06       | 0.0%                       | 43.2% | 43.2% | 13.7%  | 2.71             | 0.16         |
| PROPOSED                                            | 2420          | 0.06       | 0.0%                       | 0.0%  | 0.0%  | 100.0% | 4.37             | 0.24         |

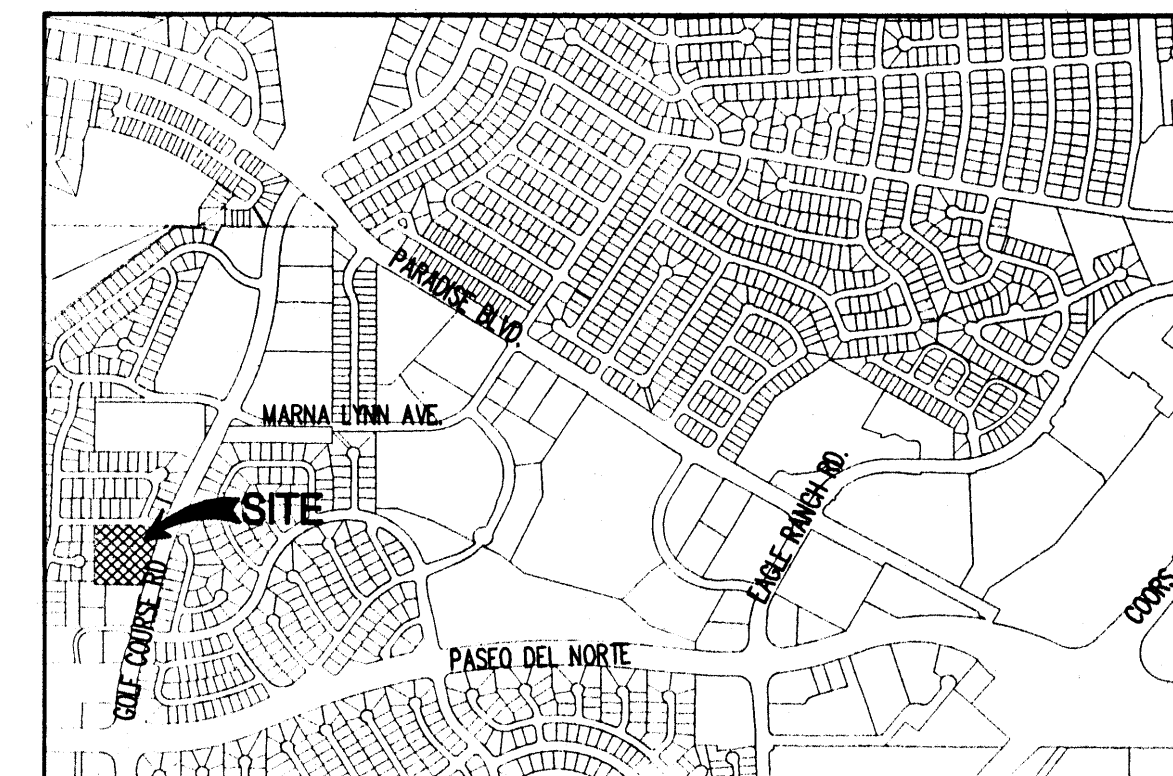
*Show driveway in Shelly Rose Rd*



PROPOSED CONDITIONS



SECTION B-B



VICINITY MAP

#### LEGAL DESCRIPTION

Parcel "A" as shown on the Plot of RIVERVIEW PARCELS, as the same is shown and designated on the plot thereof filed in the office of the County Clerk of Bernalillo County, New Mexico, on February 3, 1997, in Volume 97C, page 38.

#### BENCHMARK

COA STA 5-C12 ELEV. 5161.19

#### LEGEND

- PROPERTY LINE
- - - - - EXISTING CONTOURS
- X 5301.15 EXISTING GROUND SPOT ELEVATION
- ⊕ EXISTING ELECTRICAL POLE
- 65.23 PROPOSED SPOT ELEVATION
- TC=TOP OF CURB, FL=FLOW LINE
- TW=TOP OF WALL, BW=BOTTOM OF WALL
- EX=EXISTING, TG=TOP OF GRADE
- S=2.0% PROPOSED DIRECTION OF FLOW
- WATER BLOCK
- PROPOSED RETAINING WALL
- PROPOSED INDEX CONTOURS
- PROPOSED INTER CONTOURS
- PROPOSED CURB & GUTTER
- EASEMENT
- ⊕ EXISTING TREE
- ⬢ PROPOSED LIGHTING
- SD PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- ⊕ EXISTING STORM DRAIN MANHOLE

|                                                                                                                                                                                                   |                                                                                     |                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------|
| <b>Bohannon &amp; Huston</b><br>Courtyard 1 7800 Jefferson St. NE Albuquerque, NM 87106-4386<br>ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES                                                |                                                                                     | RECEIVED<br>APR 26 2004<br>HYDROLOGY SECTION |
| These documents were prepared for this specific project only. SMPC Architects' liability is limited to this specific project, and does not extend to reuse of these documents for other projects. |                                                                                     | Copyright © 2003<br>by SMPC Architects       |
| ARCHITECTS • PLANNERS • INTERIOR DESIGNERS<br>115 AMHERST DRIVE SE., ALBUQUERQUE, NEW MEXICO 87106<br>TELE. (505) 255-8668 FAX (505) 268-6665                                                     |                                                                                     |                                              |
| RIO VISTA CHURCH - ADDITION & REMODEL<br>GRADING, DRAINAGE AND UTILITY PLAN- PHASE 1                                                                                                              |                                                                                     |                                              |
|                                                                                                                                                                                                   | REV. #<br>DATE<br>PROJECT #: 040294<br>DWN BY: KJW<br>CHK BY: BJS<br>DATE: 03-08-04 | <b>C-0</b><br>OF                             |