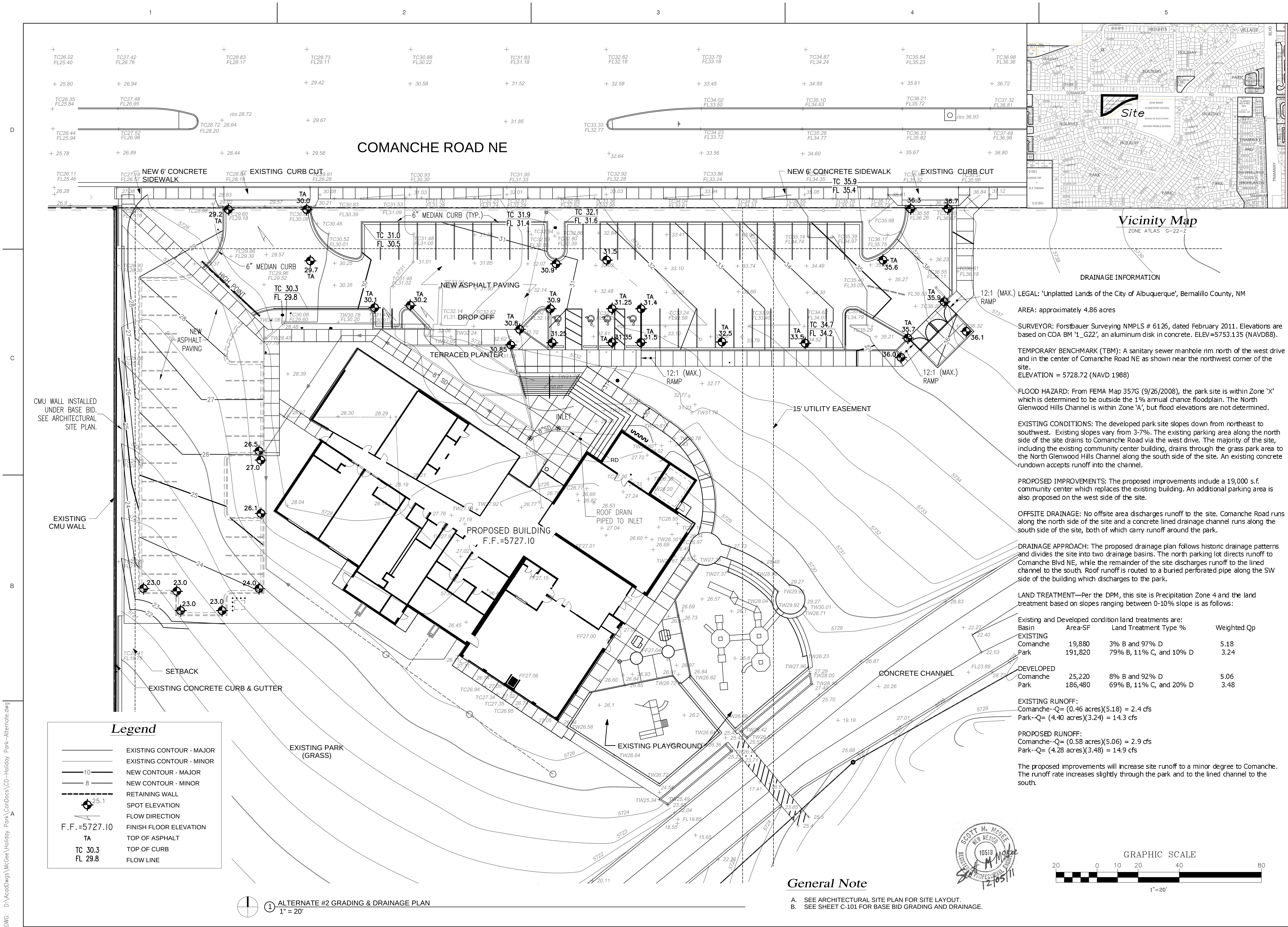


DWC: D:\AcadDwgs\McGee\Holiday Park\ConDocs\CD-Holiday Park-Alternate.dwg



Existing and Developed condition land treatments are:

Basin	Area-SF	Land Treatment	Type %	Weighted Qp
EXISTING Comanche	19,880	3% B and 97% D		5.18
Park	191,820	79% B, 11% C, and 10% D		3.24
DEVELOPED Comanche	25,220	8% B and 92% D		5.06
Park	186,480	69% B, 11% C, and 20% D		3.48

EXISTING RUNOFF:
Comanche--Q= (0.46 acres)(5.18) = 2.4 cfs
Park--Q= (4.40 acres)(3.24) = 14.3 cfs

PROPOSED RUNOFF:
Comanche--Q= (0.58 acres)(5.06) = 2.9 cfs
Park--Q= (4.28 acres)(3.48) = 14.9 cfs

The proposed improvements will increase site runoff to a minor degree to Comanche. The runoff rate increases slightly through the park and to the lined channel to the south.

LEGAL: 'Unplatted Lands of the City of Albuquerque', Bernalillo County, NM

AREA: approximately 4.86 acres

SURVEYOR: Forstbauer Surveying NMPLS # 6126, dated February 2011. Elevations are based on COA BM '1_G22', an aluminum disk in concrete. ELEV=5753.135 (NAVD88).

TEMPORARY BENCHMARK (TBM): A sanitary sewer manhole rim north of the west drive and in the center of Comanche Road NE as shown near the northwest corner of the site. ELEVATION = 5728.72 (NAVD 1988)

FLOOD HAZARD: From FEMA Map 357G (9/26/2008), the park site is within Zone 'X' which is determined to be outside the 1% annual chance floodplain. The North Glenwood Hills Channel is within Zone 'A', but flood elevations are not determined.

EXISTING CONDITIONS: The developed park site slopes down from northeast to southwest. Existing slopes vary from 3-7%. The existing parking area along the north side of the site drains to Comanche Road via the west drive. The majority of the site, including the existing community center building, drains through the grass park area to the North Glenwood Hills Channel along the south side of the site. An existing concrete rundown accepts runoff into the channel.

PROPOSED IMPROVEMENTS: The proposed improvements include a 19,000 s.f. community center which replaces the existing building. An additional parking area is also proposed on the west side of the site.

OFFSITE DRAINAGE: No offsite area discharges runoff to the site. Comanche Road runs along the north side of the site and a concrete lined drainage channel runs along the south side of the site, both of which carry runoff around the park.

DRAINAGE APPROACH: The proposed drainage plan follows historic drainage patterns and divides the site into two drainage basins. The north parking lot directs runoff to Comanche Blvd NE, while the remainder of the site discharges runoff to the lined channel to the south. Roof runoff is routed to a buried perforated pipe along the SW side of the building which discharges to the park.

LAND TREATMENT—Per the DPM, this site is Precipitation Zone 4 and the land treatment based on slopes ranging between 0-10% slope is as follows:

DRAINAGE INFORMATION

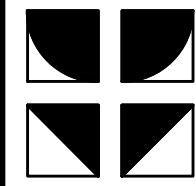
Vicinity Map

General Note

- SEE ARCHITECTURAL SITE PLAN FOR SITE LAYOUT.
- SEE SHEET C-101 FOR BASE BID GRADING AND DRAINAGE.

Holiday Park Multigenerational Center

11710 Comanche Road NE



Architects, Inc. AIA

(505) 243-2724

Albuquerque, New Mexico 87102

400 GOLD SW, SUITE 880

Kells + Craig

Project No. 588102
Drawn EJS
Checked SMM
Phase Bid Set
Date 12/12/11
Permit #
Revisions

Alternate #2
Grading and
Drainage Plan

C901

SHEET OF xx