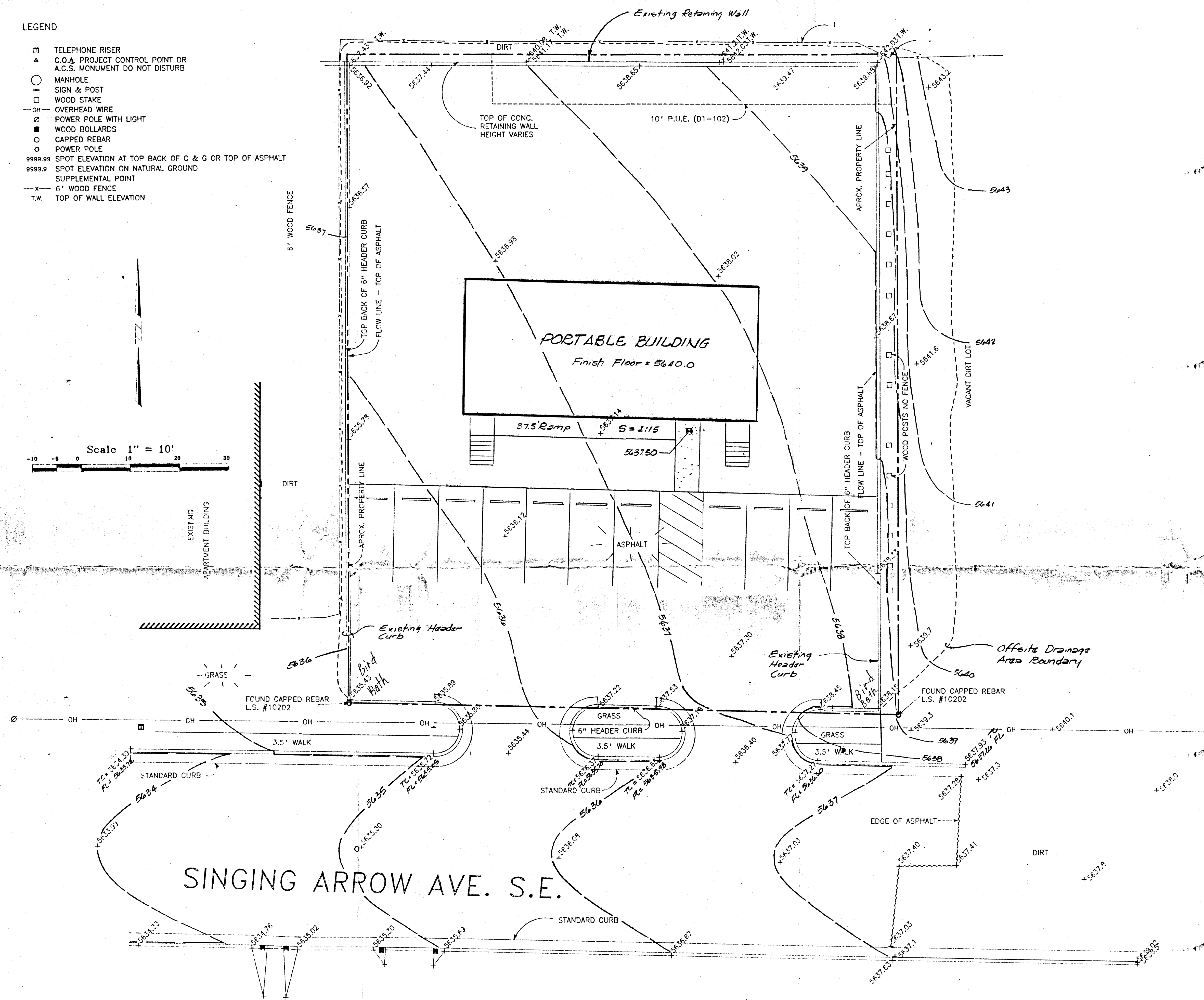


LEGEND

- ☐ TELEPHONE RISER
- ▲ C.O.A. PROJECT CONTROL POINT OR A.C.S. MONUMENT DO NOT DISTURB
- MANHOLE
- SIGN & POST
- WOOD STAKE
- OH— OVERHEAD WIRE
- POWER POLE WITH LIGHT
- WOOD BOLLARDS
- CAPPED REBAR
- POWER POLE
- 9999.99 SPOT ELEVATION AT TOP BACK OF C & G OR TOP OF ASPHALT
- 9999.9 SPOT ELEVATION ON NATURAL GROUND
- X— SUPPLEMENTAL POINT
- X— 6" WOOD FENCE
- T.W. TOP OF WALL ELEVATION

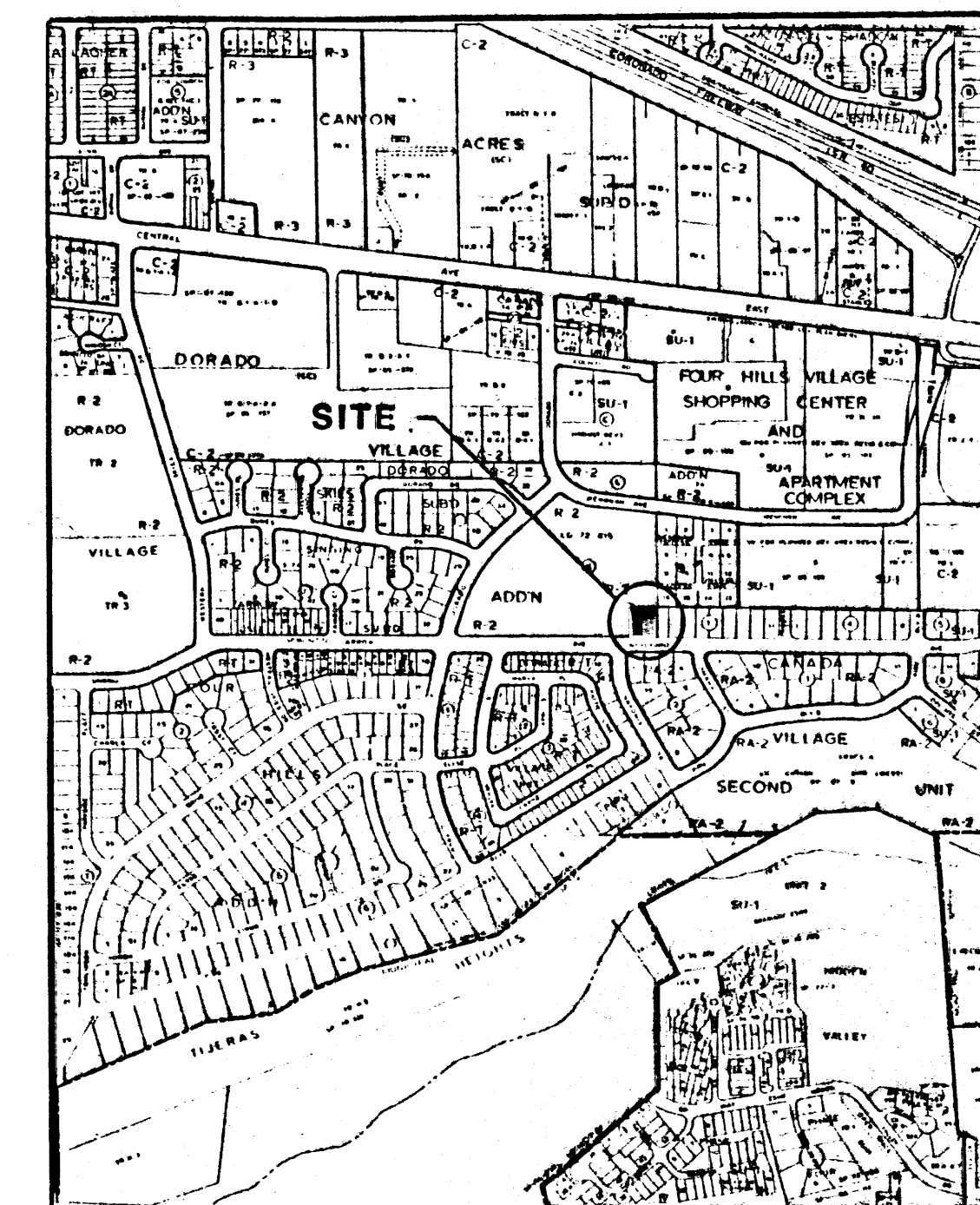
Scale 1" = 10'



SINGING ARROW AVE. S.E.

GRADING & DRAINAGE PLAN

Scale: 1" = 10'



VICINITY MAP

GENERAL INFORMATION

1. **Legal Description:** Southeast corner of Tract K, Dorado Village.
2. **Flood Hazard:** The site is not within the 100-year floodplain (FIRM Panel No. 350002 0037).
3. **Existing Conditions:** The site is an existing paved parking lot which drains to the adjacent public street located along its south boundary, Singing Arrow Avenue. All flows exit the property at the two existing entrances. The site has the following Land Treatment areas tributary to Singing Arrow Avenue:

Land Treatment C = 0.01 ac on-site
0.07 ac off-site
0.08 ac Total

Land Treatment D = 0.33 ac on-site

4. **Precipitation Zone:** 3

5. **Existing Runoff Rates:**

$$Q_{10} = (0.08 \times 2.00) + (0.33 \times 3.39) = 1.28 \text{ cfs}$$

$$Q_{100} = (0.08 \times 3.45) + (0.33 \times 5.02) = 1.93 \text{ cfs}$$

6. **Proposed Conditions:** A portable metal building will be placed on the site as shown. The building will rest on concrete piers and no grading will be done. Sheet flow drainage will be allowed to run under the building.

7. **Proposed Runoff Rates:** There will be no increase in impervious area and no grading will be done. Consequently proposed runoff rates will be identical to the existing runoff rates shown in Paragraph No. 5 above.

8. **Bench Marks:**

Permanent: ACS No. 8-L22
3/4" Aluminum Cap Set in east median curb nose,
intersection of Central and Juan Tabo.
Elevation = 5665.44

Temporary: Top of standard curb and gutter at northwest curb return of
west entrance to site.
Elevation = 5635.89

9. **Engineer:**

Isaacson & Arfman, P.A.
128 Monroe Street NE
Albuquerque, NM 87108
(505) 268-8828



CITY OF ALBUQUERQUE Parks & General Services Dept SINGING ARROW RECREATION SITE GRADING & DRAINAGE PLAN
