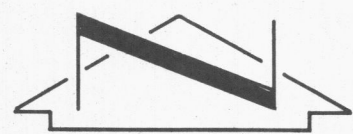




SITE PLAN

SCALE : 1" = 100'



KEYED NOTES

- ① PROPOSED STOCKROOM ADDITION
- ② EXISTING DRIVEPAD WHERE RUNOFF DISCHARGES TO STREET
- ③ EXISTING STORM INLET
- ④ EXISTING DRAINAGE PATTERN

LEGAL DESCRIPTION

PARCEL 1, MONARCH VILLAGE

PROJECT BENCHMARK

ACS BM NO 1-K21: A SQUARE, 12' CHISELED ON TOP OF CONCRETE CURB AT THE SSW CORNER RETURN LOCATED AT THE INTERSECTION OF JUAN TABO BLVD. & MARQUETTE AVE. ELEVATION=5561.248 FEET (M.S.L.D.)

DRAINAGE PLAN

The following items concerning the Wal-Mart Store No. 835 Stockroom Addition Drainage Plan are contained herein:

1. Vicinity map
2. Site plan
3. Grading plan

As shown by the Vicinity Map, the site is located at the northeast corner of the intersection of Juan Tabo Boulevard N.E. and Copper Avenue N.E. The site is presently developed as a shopping center site. The site is bounded on the south by Copper Avenue N.E., on the west by Juan Tabo Boulevard N.E., and on the north by Grand Avenue N.E. These are fully developed public roadways. Single family residential development exists along the north boundary as well as the entire east boundary of the site. Presently, the site drains from east to west onto Juan Tabo Boulevard N.E. That portion of the site which is going to receive the proposed addition discharges via an existing driveway onto Copper Avenue N.E. An existing public storm drain lies within Copper Avenue N.E. and serves to alleviate street flooding. Copper Avenue N.E. drains east to west onto Juan Tabo Boulevard N.E.

Review of the National Flood Insurance Program Flood Boundary and Floodway Maps for the City of Albuquerque, this site does not lie within a designated flood hazard zone. The site does, however, contribute to a designated flood hazard zone within Juan Tabo Boulevard N.E.

The Grading Plan shows 1) existing and proposed grades indicated by spot elevations and contours at 1'0" intervals, 2) the limit and character of the existing improvements, 3) the limit and character of the proposed improvements, and 4) continuity between existing and proposed grades. As shown by this plan, the proposed improvements consist of the removal of existing paving improvements and the construction of a building addition in its place. This addition will not alter the existing drainage pattern of the site. At present, this portion of the site drains onto Copper Avenue N.E. as stated above and as illustrated on the site plan.

There are no offsite flows impacting this development. As previously mentioned, the site is bounded on three sides by existing, improved roadways. It appears that the runoff carried by these roadways stays within those roadways and will not affect the proposed addition. The single family residential development which lies along the north and northeast sides of this site is separated from the site by series of walls. These walls appear to block any developed runoff from impacting this site.

The proposed improvements consist of the removal of hard surface paving and replacing that area with building. This will have no effect on the quantity of runoff generated by this site. In addition, the proposed improvements will not alter the drainage pattern of this site. Because of this, no drainage calculations have been provided with this submittal; the proposed improvements will not change the hydrologic characteristics of the site. Lastly, the free discharge of runoff from this site is appropriate due to the fact that the proposed improvements are a modification to an existing site within an infill area, the proposed improvements will not increase the quantity of runoff generated by this site, and the proximity of public storm drain improvements.

Construction Notes:

1. Two (2) working days prior to any excavation, contractor must contact line locating service, 765-1234, for location of existing utilities.
2. Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all potential obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
3. All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning safety and health.
4. All construction within public right-of-way shall be performed in accordance with applicable City of Albuquerque Standards and Procedures.
5. If any utility lines, pipelines, or underground utility lines are shown on these drawings, they are shown in an approximate manner only, and such lines may exist where none are shown. If any such existing lines are shown, the location is based upon information provided by the owner of said utility and the information may be incomplete, or may be obsolete by the time construction commences. The engineer has undertaken no field verification of the location, depth, size, or type of existing utility lines. pipelines, or underground utility lines, makes no representation pertaining thereto, and assumes no responsibility or liability therefor. The contractor shall inform itself of the location of any utility line, pipeline, or underground utility line in or near the area of the work in advance of and during excavation work. The contractor is fully responsible for any and all damage caused by its failure to locate, identify and preserve any and all existing utilities, pipelines, and underground utility lines. In planning and conducting excavation, the contractor shall comply with state statutes, municipal and local ordinances, rules and regulations, if any, pertaining to the location of these lines and facilities.

Erosion control measures

1. The contractor shall ensure that no soil erodes from the site into public right-of-way or onto private property. This can be achieved by constructing temporary berms at the property lines and wetting the soil to keep it from blowing.
2. The contractor shall promptly clean up any material excavated within the public right-of-way so that the excavated material is not susceptible to being washed down the street.
3. The contractor shall secure "topsoil disturbance permit" Prior to beginning construction.



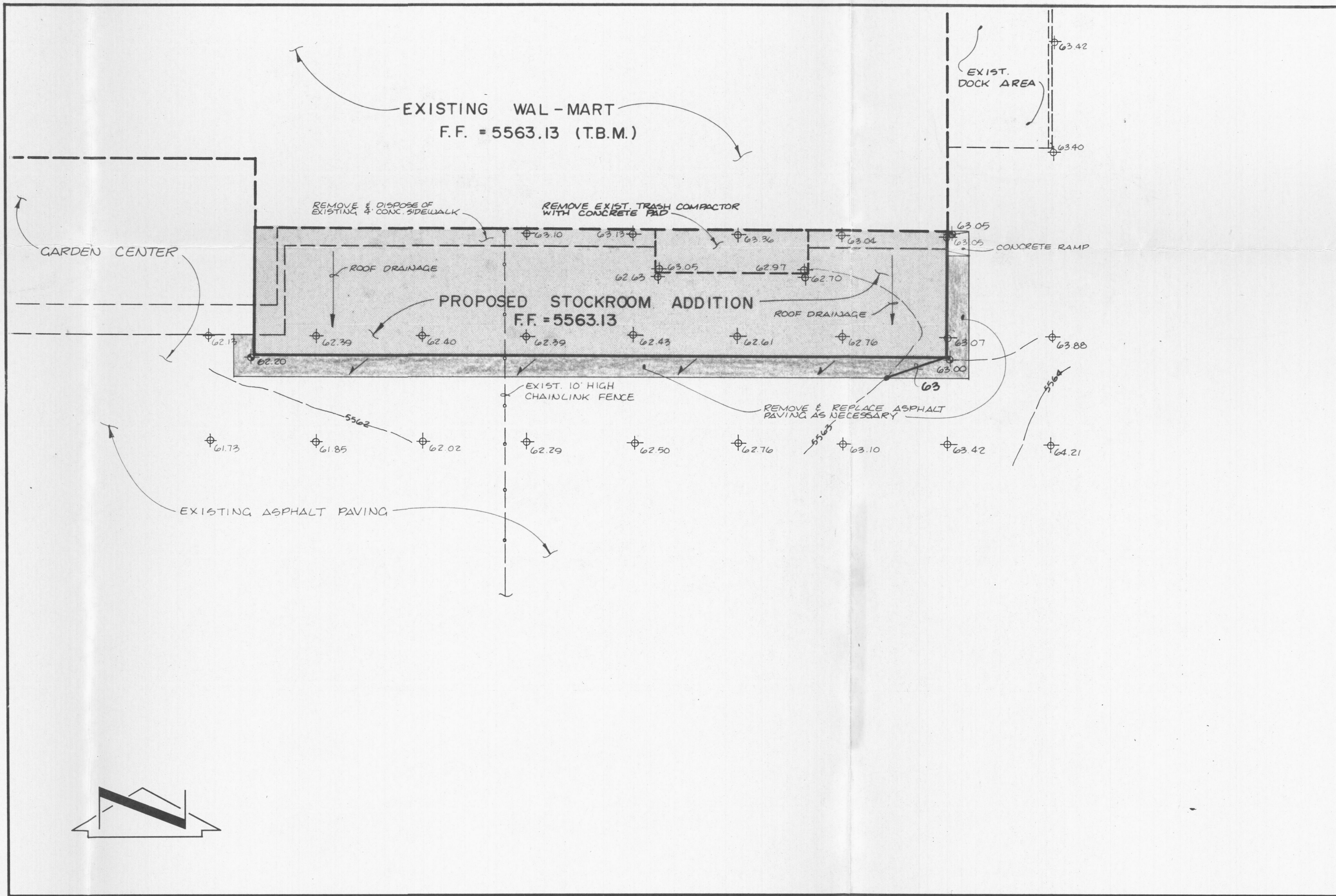
VICINITY MAP

SCALE : 1" = 800'

K-22

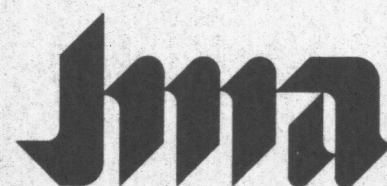
LEGEND

- ⊕ EXISTING SPOT ELEVATION
- ⊕ PROPOSED SPOT ELEVATION
- T.C. TOP OF CURB
- T.A. TOP OF ASPHALT
- F.L. FLOW LINE
- 63.05 — EXISTING CONTOUR
- 63.04 — PROPOSED CONTOUR
- — PROPOSED ASPHALT PAVING



GRADING PLAN ENLARGEMENT

SCALE : 1" = 20'



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ENGINEERS TELEPHONE (505) 265-5611

GRADING AND DRAINAGE PLAN
WAL-MART STORE # 835 STOCKROOM ADDITION

DESIGN BY	J. G. M.	NO.	DATE	BY	REVISION	JOB NO.	890431
DRAWN BY	S. G. H.					DATE	5-89
APPROVED BY	J. G. M.					SHEET	1 OF 1

