

DRAINAGE CALCULATIONS

EXISTING

$A = 5.57 \text{ AC.}$
 $P (100-6) = 2.2 \text{ IN.}$
 $TC = 10 \text{ MIN.}$
 $\% D = 89\%$
 $Q (100) = 23.5 \text{ cfs}$
 $VOL (100) = .855 \text{ AC. FT.}$

PROPOSED

$A = 5.57 \text{ AC.}$
 $P (100-6) = 2.2 \text{ IN.}$
 $TC = 10 \text{ MIN.}$
 $\% D = 85\%$
 $Q (100) = 23.1 \text{ cfs}$
 $VOL (100) = .834 \text{ AC. FT.}$

4'-2" SIDEWALK CULVERTS
PER COA STD. 2236

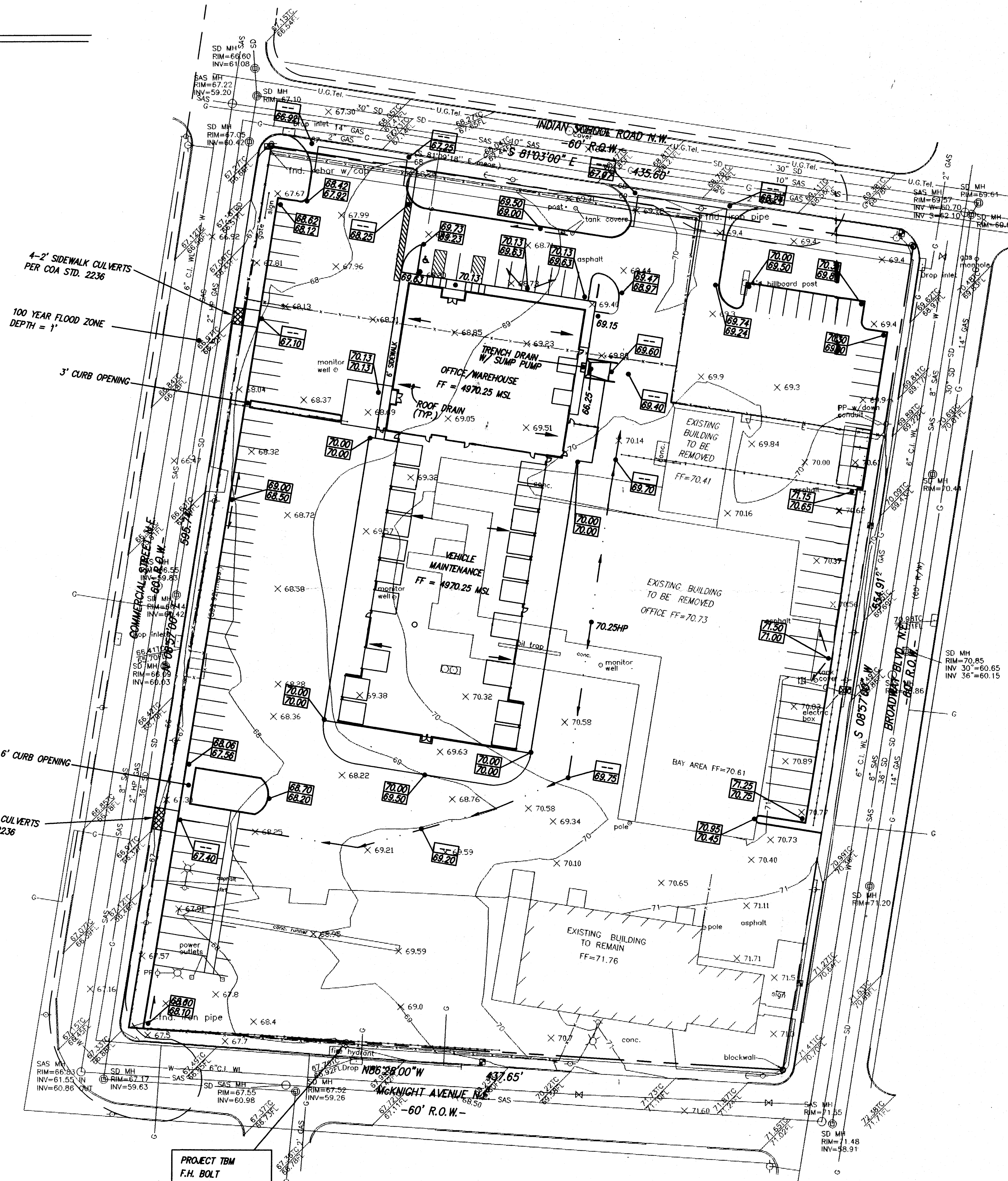
100 YEAR FLOOD ZONE
DEPTH = 1'

3' CURB OPENING

6' CURB OPENING

8'-2" SIDEWALK CULVERTS
PER COA STD. 2236

PROJECT TBM
F.H. BOLT
ELEVATION=4969.82



NOTES

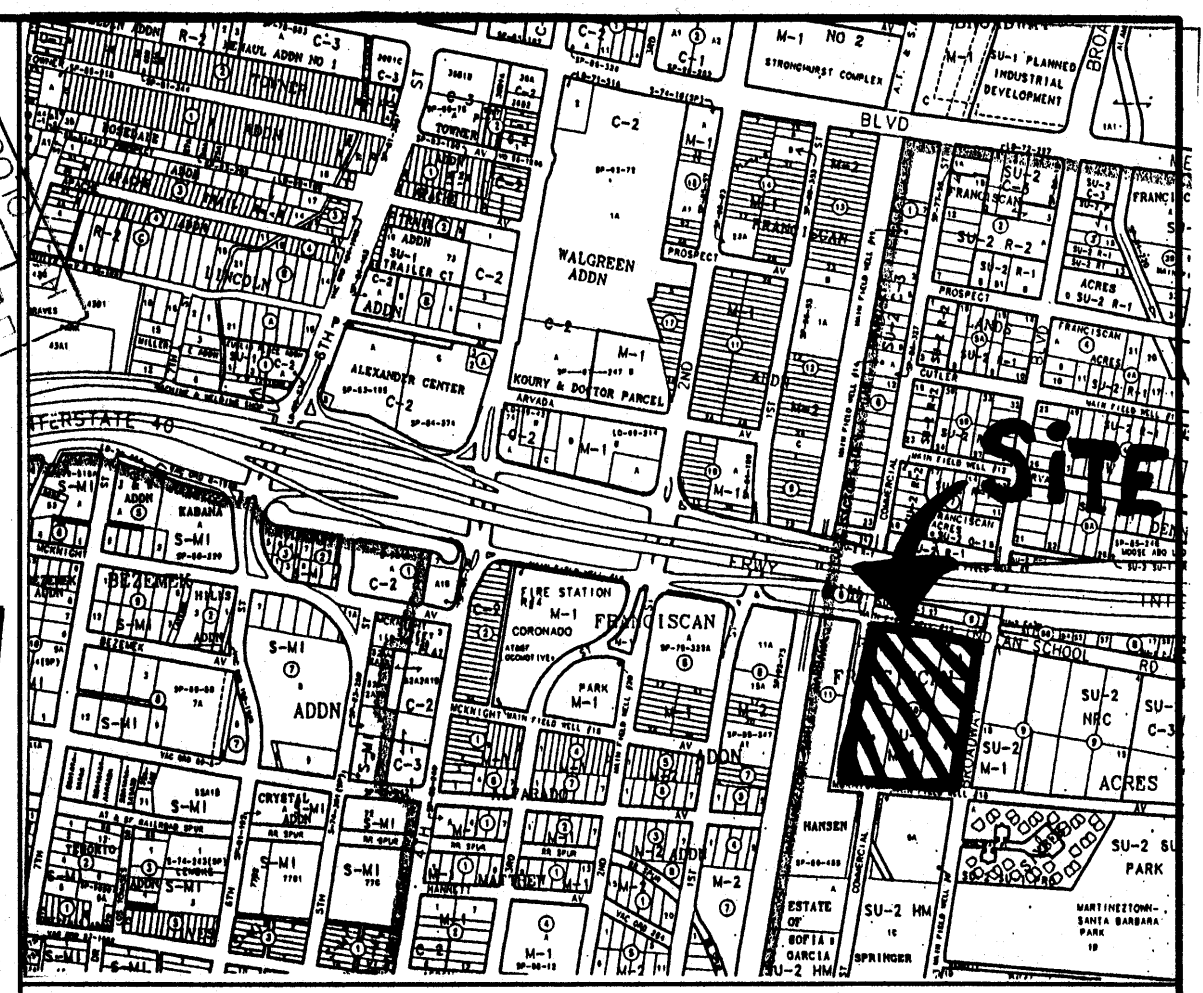
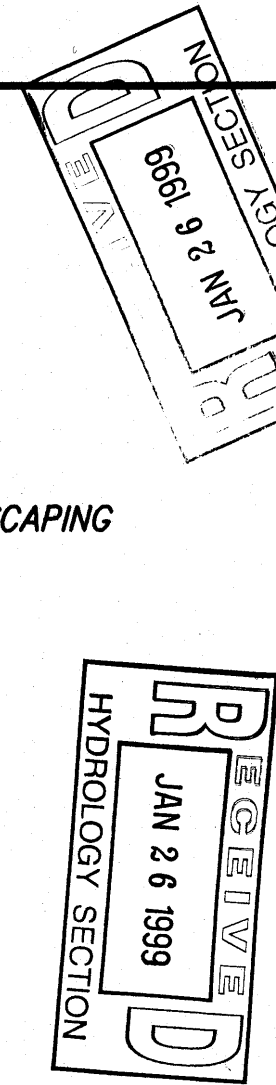
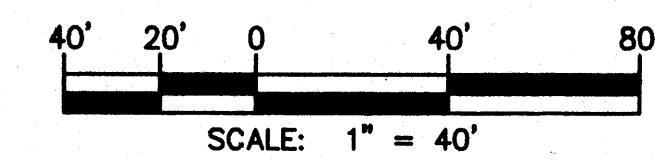
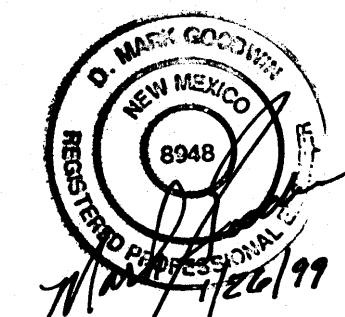
1. THIS PROJECT ENTAILS THE REMOVAL OF 2 EXISTING BUILDINGS & CONSTRUCTING 1 NEW BUILDING. NEW CURBING AND NEW LANDSCAPING SHALL REPLACE EXISTING PAVING AS SHOWN.
2. MAX. ADJACENT FLOOD ZONE ELEVATION = 4969.00

NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within City right of way. An approved copy of these plans must be submitted at the time of application for this permit.
2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with "City of Albuquerque Standard Specifications for Public Works Construction" (1986 Edition).
3. Two working days prior to any excavation, Contractor must contact the Line Locating Service, 785-1234, for location of existing utilities.
4. Prior to construction, the Contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum of delay.
5. Backfill compaction shall be according to residential street use.
6. Maintenance of these facilities shall be the responsibility of the Owner of the property served.
7. Contractor is responsible for obtaining excavation permit for the S.O. 19 and providing proof of acceptance by the City prior to Hydrology sign-off for Certificate of Occupancy.

DRAINAGE FACILITIES WITHIN CITY RIGHT OF WAY

Design Approval: *[Signature]* 2/8/99 DATE
HYDROLOGY SECTION
Inspection Approval: _____ DATE
CONSTRUCTION SECTION
Acceptance: _____ DATE
CONSTRUCTION/SECTION/PERMITS



VICINITY MAP ZONE MAP: H-14

T B M (TEMPORARY BENCHMARK)

PROJECT TBM: BOLT ON TOP OF FH FLANGE = 4969.82 MSL AS SHOWN.

ACS BENCHMARK

STATION IS LOCATED 1.5 MILES NORTH OF DOWNTOWN ALBUQUERQUE, AT THE CROSSING OF U.S. INTERSTATE HIGHWAY 40 (I-40) AND SIXTH STREET. TO REACH THE STATION FROM THE INTERSECTION OF CENTRAL AVE., AND FIFTH STREET, GO NORTH ON FIFTH STREET 1.35 MILE TO WHERE FIFTH STREET CURVES NW TO JOIN SIXTH ST., THEN 0.2 MILE TO CROSSING OF I-40, AND THE STATION ON THE LEFT. STATION MARK IS A STANDARD NMSHC BRASS TABLET, STAMPED "STA I-40-14", SET IN TOP OF A CONCRETE POST FLUSH WITH GROUND.

$X = 380,372.11$ $Y = 1,494,335.59$ $ELEV. = 4982.4$

LEGAL DESCRIPTION

LOTS 1-6, BLOCK 10, FRANCISCAN ACRES SUBDIVISION ALBUQUERQUE, NEW MEXICO.

LEGEND

- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- PROPOSED TOP OF CURB
PROPOSED BOTTOM OF CURB
- EXISTING SPOT ELEVATION

CUMMINS PROPERTY GRADING AND DRAINAGE PLAN

dmg MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505)828-2200, FAX (505)797-9539

Designed: DMG Drawn: AMB Checked: DMG Sheet 1 of 1
Scale: 1" = 40' Date: 01/99 Job: 99007

DRAINAGE CALCULATIONS

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A = 5.57 AC.
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VOL. (100) = .855 AC. FT.

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VOL. (100) = .834 AC. FT.

4-2' SIDEWALK CULVERTS
PER COA STD. 2236
INV. = 66.66

100 YEAR FLOOD ZONE
DEPTH = 1'

3' CURB OPENING

8-2' SIDEWALK CULVERTS
PER COA STD. 2236
INV. = 66.30

PROJECT TBM
F.H. BOLT
ELEVATION = 4969.82

RECEIVED
FEB 2 8 2000
HYDROLOGY SECTION

RECEIVED
FEB 2 8 2000
HYDROLOGY SECTION

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DRAINAGE FACILITIES WITHIN CITY RIGHT OF WAY

Design Approval	HYDROLOGY SECTION	DATE
Inspection Approval	CONSTRUCTION SECTION	DATE
Acceptance	CONSTRUCTION/SECTION/PERMITS	DATE

RECORD DRAWING
I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Sadler Southwest, and by the surveyor, Southwest Surveying, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.
Mark Goodwin
NMPE 8948

RECEIVED
FEB 2 8 2000
HYDROLOGY SECTION

SCALE: 1" = 40'



VICINITY MAP ZONE MAP: H-14

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