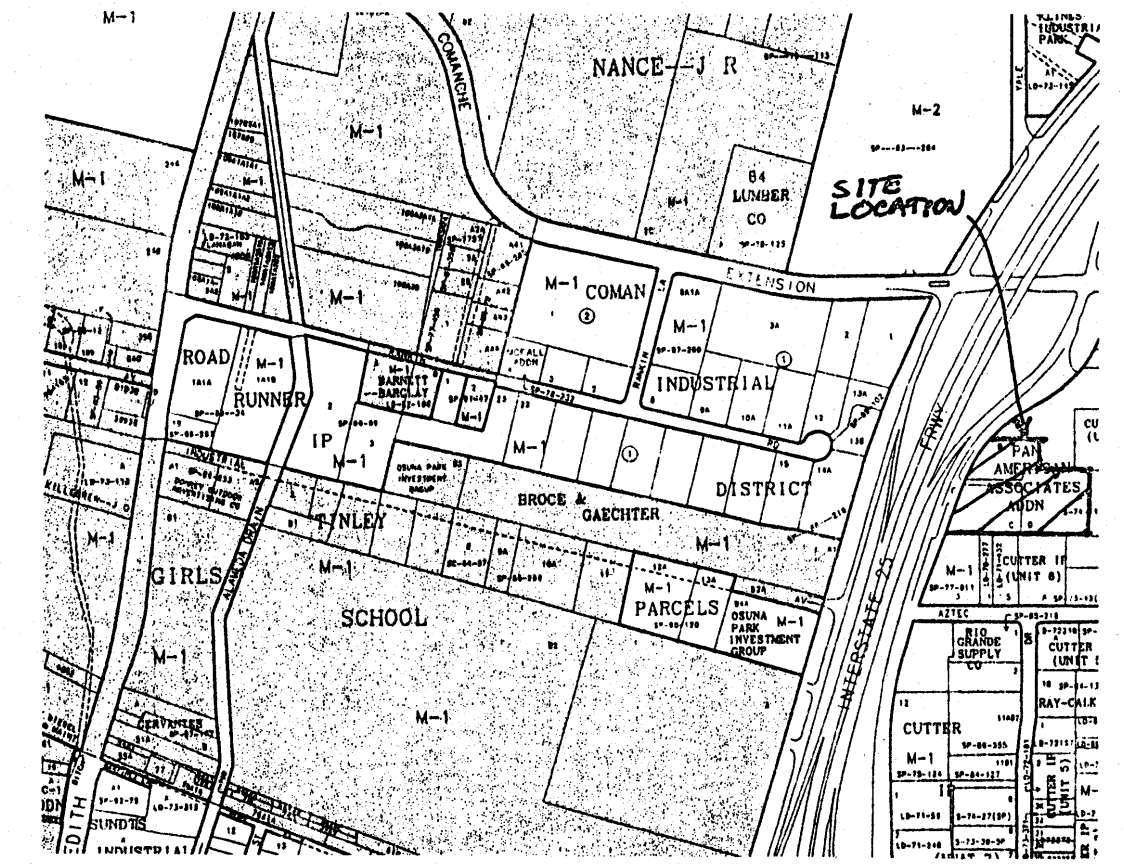


HYDROLOGY SECTION
APR 06 2000

HYDROLOGY SECTION
APR 06 2000

KEY NOTES

- 1' WIDE CONCRETE RUNDOWN AT 2.13% PER DETAIL THIS SHEET.
- 6" CURB AND GUTTER PER ARCHITECTURAL DRAWING
- 6" HEADER CURB PER ARCHITECTURAL DRAWING
- PAVING PER DETAIL THIS SHEET



VICINITY MAP ZONE MAP: G-15-Z

TBM (TEMPORARY BENCHMARK)

SANITARY SEWER MANHOLE ON PAN AMERICAN FREEWAY BY NORTHWEST PROPERTY CORNER RIM ELEVATION=5078.30.

ACS BENCHMARK

THE STATION "NDC 16-16" IS LOCATED AT COMANCHE BRIDGE OVER THE AMAFCA NORTH DIVERSION CHANNEL.

TO REACH STATION "NDC 16-16" FROM THE COMANCHE BRIDGE, GO TO THE NORTHWEST CORNER AND STATION IS 15.50 FEET WEST OF CONCRETE HEADWALL.

STATION IS AMAFCA BRASS TABLET STAMPED "NDC 16-16", SET ON A CONCRETE POST PROJECTING 0.4 FEET ABOVE THE GROUND.

X=391,757.41 Y=1,500,518.28 ELEVATION=5111.10

LEGAL DESCRIPTION

TRACTS B, C AND D PAN AMERICAN ADDITION SECTIONS 3 AND 4, T. 10 N., R. 3 E., N.M.P.M. ALBUQUERQUE, NEW MEXICO.

LEGEND

- 78.13 NEW FLOWLINE SPOT ELEVATION
- 78.45 NEW TOP OF CURB SPOT ELEVATION
- 78.95 NEW FLOWLINE SPOT ELEVATION
- 00.00 TA EXISTING ELEVATION AT TOP OF ASPHALT
- 00.00 SW EXISTING ELEVATION AT TOP OF SIDEWALK
- 00.00 CL EXISTING ELEVATION AT CENTERLINE OF DRIVING LANE
- 00.00 BC EXISTING ELEVATION AT BACK OF CURB
- 00.00 FL EXISTING ELEVATION AT FLOWLINE OF CURB
- 00.00 RM EXISTING ELEVATION AT RIM OF MANHOLE
- OHJ EXISTING OVERHEAD UTILITY LINE
- UGT&G EXISTING UNDERGROUND TELEPHONE AND GAS LINE
- UGG EXISTING UNDERGROUND GAS LINE
- SEWER EXISTING UNDERGROUND SEWER LINE
- WATER EXISTING UNDERGROUND WATER LINE
- EXISTING BLOCK WALL
- EXISTING FENCE
- EXISTING CURB
- NEW STANDING CURB
- PROPERTY LINE
- NEW SWALE
- NEW SIDEWALK
- REMOVE PORTION OF EXISTING PAVEMENT FOR NEW LANDSCAPING
- EXISTING LANDSCAPING
- NEW 2" PAINTED STRIPES
- LIMITS OF CONSTRUCTION

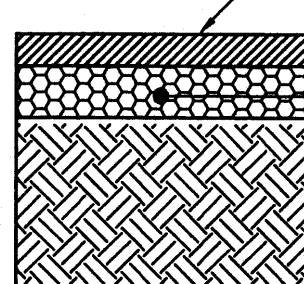
ATC COMPLEX PAVING PLAN

MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS

P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505)828-2200, FAX (505)797-9539

Designed: ALD Drawn: WLW Checked: DMG Sheet 1 of 1
Scale: 1" = 30' Date: 3/00 Job: A00041

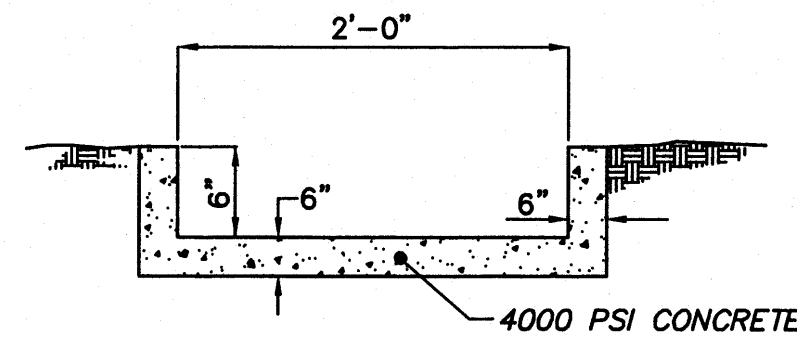
PAVEMENT SECTION N.T.S.



2" ASPHALTIC CONCRETE SURFACE COURSE, 1800 LB. STABILITY CLASS "B" PER COA SPECIFICATIONS.

4" BASE COURSE, CLASS 3 OR 21 COMPACTED TO 95% OF MAXIMUM DENSITY PER ASTM D-1557

6" SUBGRADE PREPARATION, COMPACTED TO 95% OF MAX. DENSITY AS DETERMINED BY ASTM D-1557.



CONCRETE RUNDOWN SECTION N.T.S.

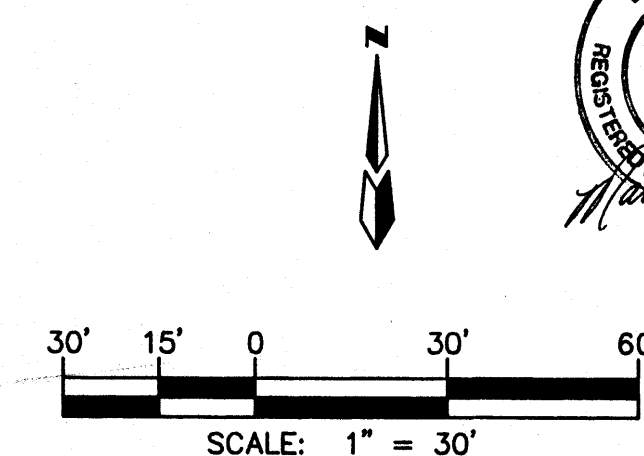
HYDROLOGY SECTION
APR 06 2000

HYDROLOGY NOTES

THIS SITE IS NOT IN THE 100 YEAR FLOOD PLAN.

CURRENTLY, THE STORMWATER FLOWS FROM EAST TO WEST. TRACT C DRAINS TO THE SOUTHWEST CORNER OF THE SITE AND TO A SWALE IN THE PARKING LOT. BOTH DISCHARGE TO THE STREET AND FLOW SOUTH. TRACT B DRAINS TO THE NORTHWEST CORNER AND A SWALE IN THE PARKING LOT. BOTH DISCHARGE TO THE STREET.

THE PROPOSED WORK IS TO REPAVE THE PARKING LOT. THE SITE WILL BE LESS IMPERVIOUS THAN IT IS NOW BECAUSE LANDSCAPED AREAS WILL BE ADDED. AS A RESULT, LESS FLOW WILL BE DISCHARGED FROM THE SITE.



A0041ATC\0041PAVE\04-05-00\WLW

- ① 1' WIDE CONCRETE RUNDOWN AT 2.13% PER DETAIL THIS SHEET
- ② 6" CURB AND GUTTER PER ARCHITECTURAL DRAWING
- ③ 6" HEADER CURB PER ARCHITECTURAL DRAWING
- ④ PAVING PER DETAIL THIS SHEET



```

START          TIME=0.0
*****
*****          ATC
*****
*****          100-YEAR 6-HOUR STORM EVENT
*****
*****          FILE: C:\AH\NOV\ATC.DAT  MAY 2000 BY:AMY
*****          TYPE:1  RAIN QUARTER=0.0  IN
*****          RAIN ONE=1.90  IN RAIN SIX= 2.20  IN
*****          RAIN DAY=2.60  IN DT=0.033333  HR
*****
*****          EXISTING CONDITIONS
*****
*****          ENTIRE SITE
*****
*****          COMPUTE RM HYD
*****          ID=1  HYD NO=100.0  AREA=0.00375  SQ MI
*****          PER A=0.0  PER B=0.0  PER C=0.0  PER D=100.0
*****          TP=0.1333  HR MASS RAINFALL=1
*****          ID=1  CODE=1
*****
*****          PRINT HYD
*****
*****          DEVELOPED CONDITIONS
*****
*****          ENTIRE SITE
*****
*****          COMPUTE RM HYD
*****          ID=2  HYD NO=200.0  AREA=0.00375  SQ MI
*****          PER A=0.0  PER B=8.4  PER C=0.0  PER D=91.6
*****          TP=0.1333  HR MASS RAINFALL=1
*****          ID=2  CODE=1
*****
*****          PRINT HYD
*****

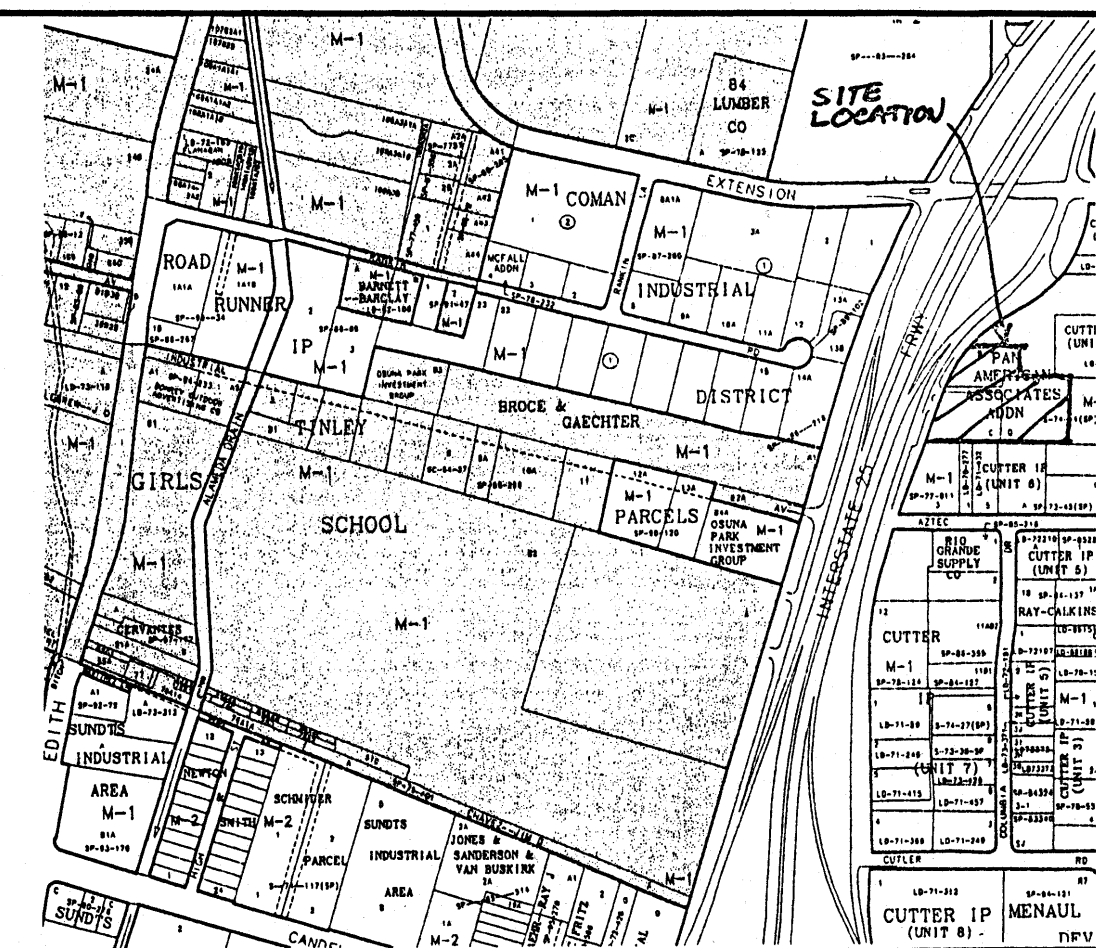
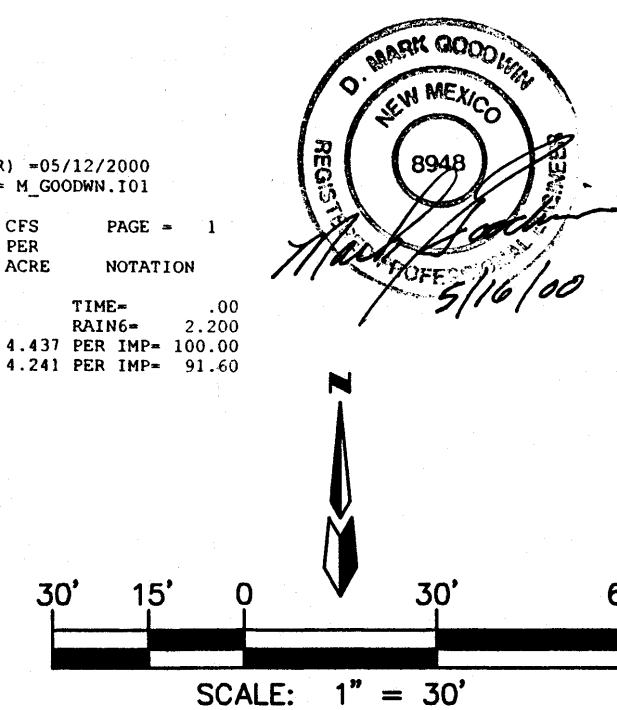
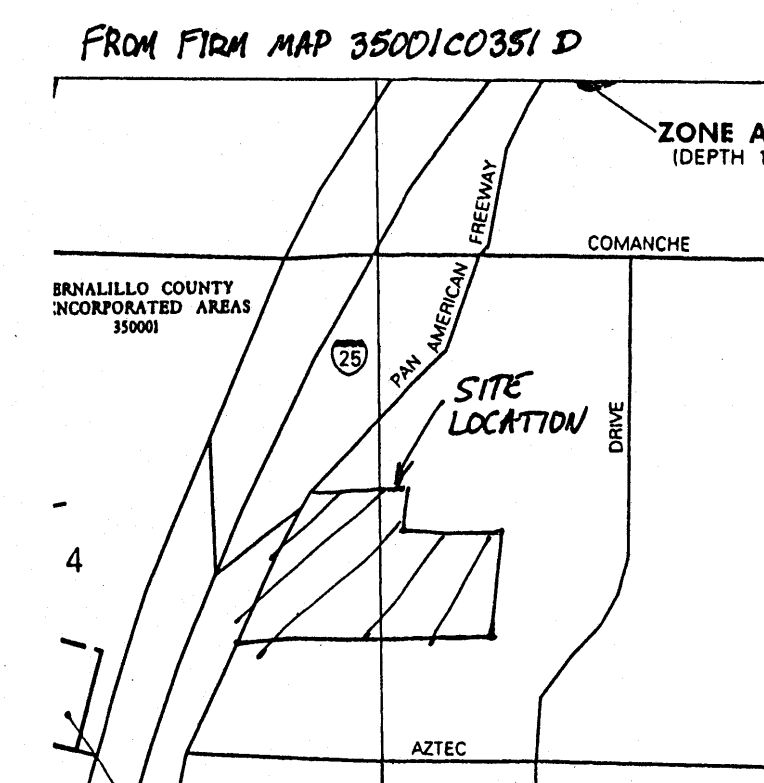
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1. An excavation/construction permit will be required before beginning any work within City right of way. An approved copy of these plans must be submitted at the time of application for this permit.
2. All work detailed on these plans to be performed, 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, 765-1234, 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.

Design Approval G S Reeder, P.E. 5/16/14
HYDROLOGY SECTION DATE

Inspection Approval _____
CONSTRUCTION SECTION DATE

Acceptance _____
CONSTRUCTION/SECTION/PERMITS DATE



78.13
NEW TOP OF CURB SPOT ELEVATION
NEW FLOWLINE SPOT ELEVATION

00.00 TA
EXISTING ELEVATION AT TOP OF ASPHALT

00.00 SW
EXISTING ELEVATION AT TOP OF SIDEWALK

00.00 CL
EXISTING ELEVATION AT CENTERLINE OF DRIVING LANE

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X X X X
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EXISTING CURB

NEW STANDING CURB

PROPERTY LINE

NEW SWALE

NEW SIDEWALK

REMOVE PORTION OF EXISTING PAVEMENT FOR NEW LANDSCAPING

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NEW 2" PAINTED STRIPES

LIMITS OF CONSTRUCTION

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Designed: <i>ALD</i>	Drawn: <i>WLV</i>	Checked: <i>DMG</i>	Sheet <i>I</i> of <i>I</i>
Scale: <i>1" = 30'</i>	Date: <i>3/00</i>	Job: <i>A00041</i>	