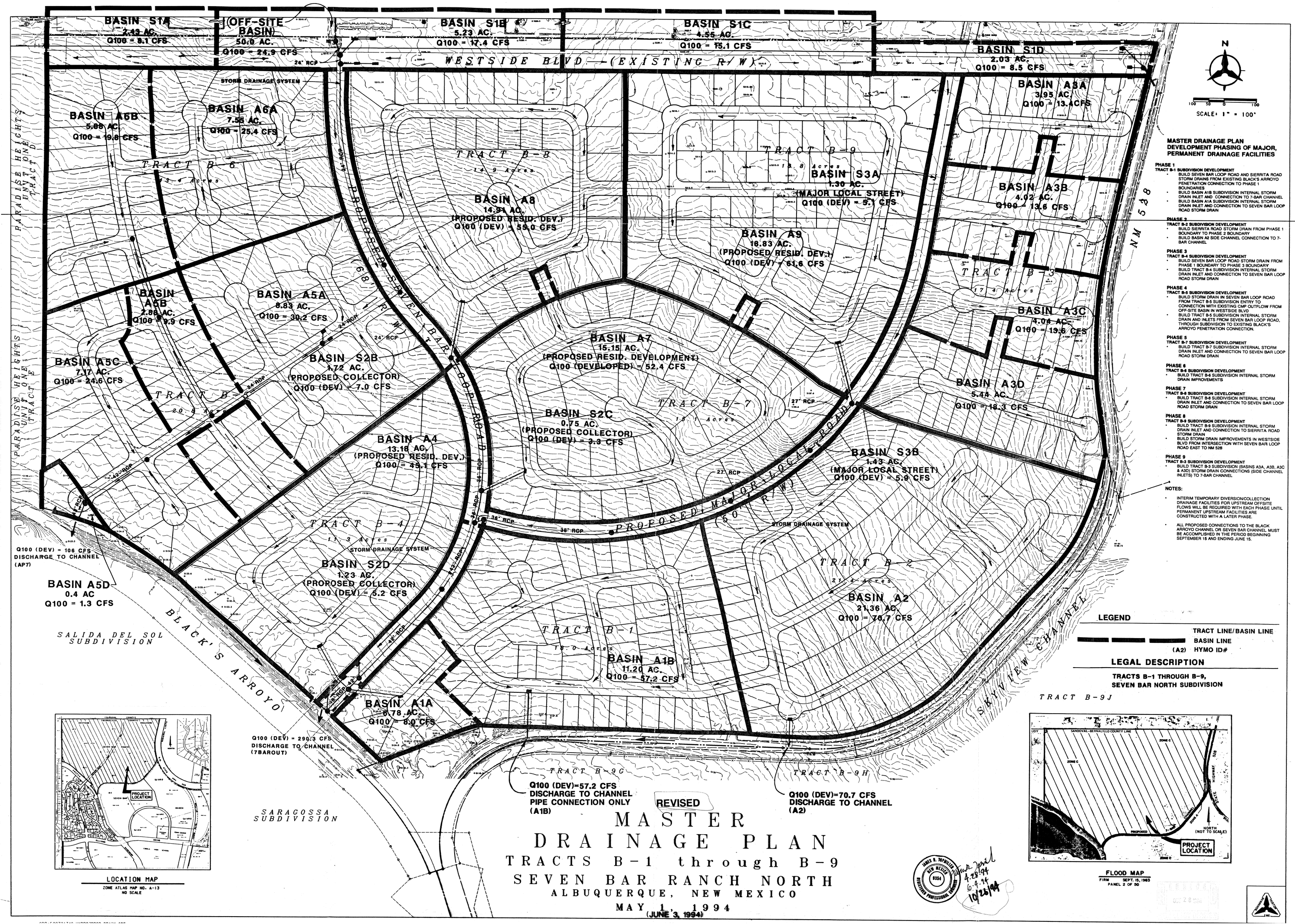
BASIN S1A
2.43 AC.
Q100 = 8.1 CFS
(OFF-SITE BASIN)
50.0 AC.
Q100 = 24.9 CFS
BASIN S1B
5.23 AC.
Q100 = 17.4 CFS
BASIN S1C
4.55 AC.
Q100 = 15.1 CFS
BASIN S1D
2.03 AC.
Q100 = 8.5 CFS
WESTSIDE BLVD - (EXISTING R/W)
24" RCP
STORM DRAINAGE SYSTEM
BASIN A6B
5.88 AC.
Q100 = 19.6 CFS
BASIN A6A
7.58 AC.
Q100 = 25.4 CFS
TRACT B-6
3.4 Acres
TRACT B-8
14.9 Acres
BASIN A8
14.91 AC.
(PROPOSED RESID. DEV.)
Q100 (DEV) = 55.0 CFS
TRACT B-9
18.8 Acres
BASIN S3A
1.30 AC.
(MAJOR LOCAL STREET)
Q100 (DEV) = 5.1 CFS
BASIN A9
18.83 AC.
(PROPOSED RESID. DEV.)
Q100 (DEV) = 61.6 CFS
BASIN A3A
3.95 AC.
Q100 = 13.4CFS
BASIN A3B
4.02 AC.
Q100 = 13.6 CFS
TRACT B-3
17.4 Acres
BASIN A3C
4.04 AC.
Q100 = 13.6 CFS
BASIN A3D
5.44 AC.
Q100 = 18.3 CFS
PARADISE HEIGHTS UNIT ONE TRACT D
PROPOSED SEVEN BAR R/W (68')
BASIN A5B
2.88 AC.
Q100 = 9.9 CFS
BASIN A5A
8.83 AC.
Q100 = 30.2 CFS
BASIN A5C
7.17 AC.
Q100 = 24.6 CFS
BASIN S2B
1.72 AC.
(PROPOSED COLLECTOR)
Q100 (DEV) = 7.0 CFS
TRACT B-5
20.9 Acres
BASIN A7
15.15 AC.
(PROPOSED RESID. DEVELOPMENT)
Q100 (DEVELOPED) = 52.4 CFS
BASIN S2C
0.75 AC.
(PROPOSED COLLECTOR)
Q100 (DEV) = 3.3 CFS
TRACT B-7
15.1 Acres
27" RCP
BASIN A4
13.16 AC.
(PROPOSED RESID. DEV.)
Q100 = 45.1 CFS
BASIN S3B
1.43 AC.
(MAJOR LOCAL STREET)
Q100 (DEV) = 5.0 CFS
PROPOSED MAJOR LOCAL ROAD (50' R/W)
36" RCP
42" RCP
TRACT B-4
11.3 Acres
STORM DRAINAGE SYSTEM
BASIN S2D
1.23 AC.
(PROPOSED COLLECTOR)
Q100 (DEV) = 5.2 CFS
Q100 (DEV) = 106 CFS
DISCHARGE TO CHANNEL
(AP7)
BASIN A5D
0.4 AC
Q100 = 1.3 CFS
SALIDA DEL SOL SUBDIVISION
BLACK'S ARROYO
TRACT B-2
21.5 Acres
BASIN A2
21.36 AC.
Q100 = 70.7 CFS
TRACT B-1
18.0 Acres
BASIN A1B
11.20 AC.
Q100 = 57.2 CFS
BASIN A1A
6.78 AC.
Q100 = 8.0 CFS
Q100 (DEV) = 290.3 CFS
DISCHARGE TO CHANNEL
(7BAROUT)
SKYVIEW CHANNEL
TRACT B-9J
TRACT B-9C
TRACT B-9H
Q100 (DEV)=57.2 CFS
DISCHARGE TO CHANNEL
PIPE CONNECTION ONLY
(A1B)
Q100 (DEV)=70.7 CFS
DISCHARGE TO CHANNEL
(A2)
SARAGOSSA SUBDIVISION
NM 528
N
SCALE: 1" = 100'
MASTER DRAINAGE PLAN
DEVELOPMENT PHASING OF MAJOR, PERMANENT DRAINAGE FACILITIES
PHASE 1
TRACT B-1 SUBDIVISION DEVELOPMENT
• BUILD SEVEN BAR LOOP ROAD AND SIERRITA ROAD STORM DRAINS FROM EXISTING BLACK'S ARROYO PENETRATION CONNECTION TO PHASE 1 BOUNDARIES
• BUILD BASIN A1B SUBDIVISION INTERNAL STORM DRAIN INLET AND CONNECTION TO 7-BAR CHANNEL
• BUILD BASIN A1A SUBDIVISION INTERNAL STORM DRAIN INLET AND CONNECTION TO SEVEN BAR LOOP ROAD STORM DRAIN
PHASE 2
TRACT B-2 SUBDIVISION DEVELOPMENT
• BUILD SIERRITA ROAD STORM DRAIN FROM PHASE 1 BOUNDARY TO PHASE 2 BOUNDARY
• BUILD BASIN A2 A2 SIDE CHANNEL CONNECTION TO 7-BAR CHANNEL
PHASE 3
TRACT B-4 SUBDIVISION DEVELOPMENT
• BUILD SEVEN BAR LOOP ROAD STORM DRAIN FROM PHASE 1 BOUNDARY TO PHASE 3 BOUNDARY
• BUILD TRACT B-4 SUBDIVISION INTERNAL STORM DRAIN INLET AND CONNECTION TO SEVEN BAR LOOP ROAD STORM DRAIN
PHASE 4
TRACT B-5 SUBDIVISION DEVELOPMENT
• BUILD STORM DRAIN IN SEVEN BAR LOOP ROAD FROM TRACT B-5 SUBDIVISION ENTRY TO CONNECTION WITH EXISTING CMP OUTFLOW FROM OFF-SITE BASIN IN WESTSIDE BLVD
• BUILD TRACT B-5 SUBDIVISION INTERNAL STORM DRAIN AND INLETS FROM SEVEN BAR LOOP ROAD, THROUGH SUBDIVISION TO EXISTING BLACK'S ARROYO PENETRATION CONNECTION.
PHASE 5
TRACT B-7 SUBDIVISION DEVELOPMENT
• BUILD TRACT B-7 SUBDIVISION INTERNAL STORM DRAIN INLET AND CONNECTION TO SEVEN BAR LOOP ROAD STORM DRAIN
PHASE 6
TRACT B-6 SUBDIVISION DEVELOPMENT
• BUILD TRACT B-6 SUBDIVISION INTERNAL STORM DRAIN IMPROVEMENTS
PHASE 7
TRACT B-8 SUBDIVISION DEVELOPMENT
• BUILD TRACT B-8 SUBDIVISION INTERNAL STORM DRAIN INLET AND CONNECTION TO SEVEN BAR LOOP ROAD STORM DRAIN
PHASE 8
TRACT B-9 SUBDIVISION DEVELOPMENT
• BUILD TRACT B-9 SUBDIVISION INTERNAL STORM DRAIN INLET AND CONNECTION TO SIERRITA ROAD STORM DRAIN
• BUILD STORM DRAIN IMPROVEMENTS IN WESTSIDE BLVD FROM INTERSECTION WITH SEVEN BAR LOOP ROAD EAST TO NM 528
PHASE 9
TRACT B-3 SUBDIVISION DEVELOPMENT
• BUILD TRACT B-3 SUBDIVISION (BASINS A3A, A3B, A3C & A3D) STORM DRAIN CONNECTIONS (SIDE CHANNEL INLETS) TO 7-BAR CHANNEL
NOTES:
• INTERIM TEMPORARY DIVERSION/COLLECTION DRAINAGE FACILITIES FOR UPSTREAM OFFSITE FLOWS WILL BE REQUIRED WITH EACH PHASE UNTIL PERMANENT UPSTREAM FACILITIES ARE CONSTRUCTED WITH A LATER PHASE.
• ALL PROPOSED CONNECTIONS TO THE BLACK ARROYO CHANNEL OR SEVEN BAR CHANNEL MUST BE ACCOMPLISHED IN THE PERIOD BEGINNING SEPTEMBER 15 AND ENDING JUNE 15.
LEGEND
TRACT LINE/BASIN LINE
BASIN LINE
(A2) HYMO ID#
LEGAL DESCRIPTION
TRACTS B-1 THROUGH B-9,
SEVEN BAR NORTH SUBDIVISION
REVISED
MASTER
DRAINAGE PLAN
TRACTS B-1 through B-9
SEVEN BAR RANCH NORTH
ALBUQUERQUE, NEW MEXICO
MAY 1, 1994
(JUNE 3, 1994)
PROJECT LOCATION
LOCATION MAP
ZONE ATLAS MAP NO. A-13
NO SCALE
SANDOVAL-BERNALILLO COUNTY LINE
ZONE C
HIGHWAY 528
PROPOSED
NORTH
(NOT TO SCALE)
PROJECT LOCATION
FLOOD MAP
FIRM SEPT. 15, 1983
PANEL 2 OF 50
JAMES R. DRYMILLER
NEW MEXICO
9354
REGISTERED PROFESSIONAL ENGINEER
4-28-94
6-9-94
10/26/94