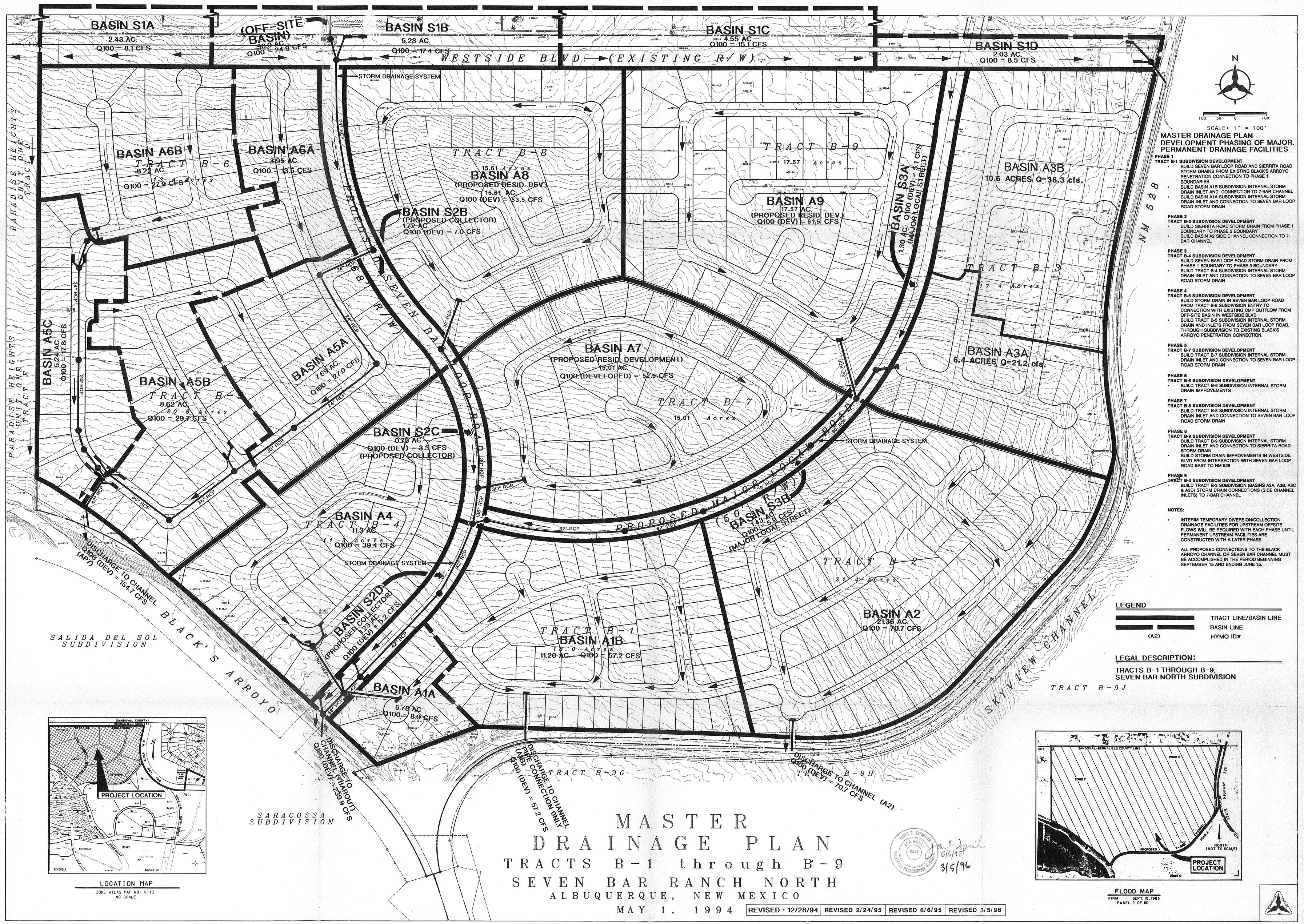
BASIN S1A
2.43 AC.
Q100 = 8.1 CFS
(OFF-SITE BASIN)
50.0 AC.
Q100 = 24.9 CFS
BASIN S1B
5.23 AC.
Q100 = 17.4 CFS
BASIN S1C
4.55 AC.
Q100 = 15.1 CFS
BASIN S1D
2.03 AC.
Q100 = 8.5 CFS
WESTSIDE BLVD. (EXISTING R/W)
STORM DRAINAGE SYSTEM
BASIN A6B
TRACT B-6
8.22 AC.
Q100 = 27.9 CFS
BASIN A6A
3.95 AC.
Q100 = 13.5 CFS
TRACT B-8
15.61 Acres
BASIN A8
(PROPOSED RESID. DEV.)
15.61 AC.
Q100 (DEV) = 53.5 CFS
BASIN S2B
(PROPOSED COLLECTOR)
1.72 AC.
Q100 (DEV) = 7.0 CFS
TRACT B-9
17.57 Acres
BASIN A9
17.57 AC.
(PROPOSED RESID. DEV.)
Q100 (DEV) = 61.5 CFS
BASIN S3A
1.30 AC. Q100 (DEV) = 5.1 CFS
(MAJOR LOCAL STREET)
BASIN A3B
10.6 ACRES Q=36.3 cfs.
TRACT B-3
17.4 Acres
BASIN A3A
6.4 ACRES Q=21.2 cfs.
PROPOSED SEVEN BAR LOOP ROAD (R/W)
BASIN A5C
5.24 AC.
Q100 = 17.8 CFS
BASIN A5A
7.69 AC.
Q100 = 27.0 CFS
BASIN A5B
TRACT B-5
8.62 AC.
20.8 Acres
Q100 = 29.7 CFS
BASIN A7
(PROPOSED RESID. DEVELOPMENT)
15.01 AC.
Q100 (DEVELOPED) = 52.6 CFS
TRACT B-7
15.01 Acres
BASIN S2C
0.73 AC.
Q100 (DEV) = 3.3 CFS
(PROPOSED COLLECTOR)
STORM DRAINAGE SYSTEM
PROPOSED MAJOR LOCAL (50' R/W)
BASIN S3B
1.43 AC.
Q100 = 5.9 CFS
(MAJOR LOCAL STREET)
BASIN A4
TRACT B-4
11.3 AC.
11.8 Acres
Q100 = 39.4 CFS
STORM DRAINAGE SYSTEM
TRACT B-2
21.4 Acres
BASIN A2
21.36 AC.
Q100 = 70.7 CFS
BASIN S2D
(PROPOSED COLLECTOR)
1.23 AC.
Q100 (DEV) = 5.2 CFS
TRACT B-1
BASIN A1B
18.0 Acres
11.20 AC. Q100 = 57.2 CFS
BASIN A1A
6.78 AC.
Q100 = 8.0 CFS
DISCHARGE TO CHANNEL
Q100 (DEV) = 154.7 CFS
(AP7)
DISCHARGE TO CHANNEL (DARQUT)
Q100 (DEV) = 239.9 CFS
DISCHARGE TO CHANNEL
PIPE CONNECTION ONLY.
(A1B)
Q100 (DEV) = 57.2 CFS
DISCHARGE TO CHANNEL (A2)
Q100 (DEV) = 70.7 CFS
TRACT B-9J
TRACT B-9C
TRACT B-9H
PARADISE HEIGHTS UNIT ONE TRACT D
SALIDA DEL SOL SUBDIVISION
SARAGOSSA SUBDIVISION
BLACK'S ARROYO
SKYVIEW CHANNEL
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 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
PROJECT LOCATION
LOCATION MAP
ZONE ATLAS MAP NO. A-13
NO SCALE
SANDOVAL-BERNALILLO COUNTY LINE
ZONE C
PROPOSED
NORTH (NOT TO SCALE)
FLOOD MAP
FIRM SEPT. 15, 1983
PANEL 2 OF 50
MASTER
DRAINAGE PLAN
TRACTS B-1 through B-9
SEVEN BAR RANCH NORTH
ALBUQUERQUE, NEW MEXICO
MAY 1, 1994
REVISED · 12/28/94
REVISED 2/24/95
REVISED 6/6/95
REVISED 3/5/96
JAMES P. TOMMELEO
NEW MEXICO
9254
REGISTERED PROFESSIONAL ENGINEER
6/6/95
3/5/96
CDP:CC9321740.HYDRO3PROP-DRAIN.GRF