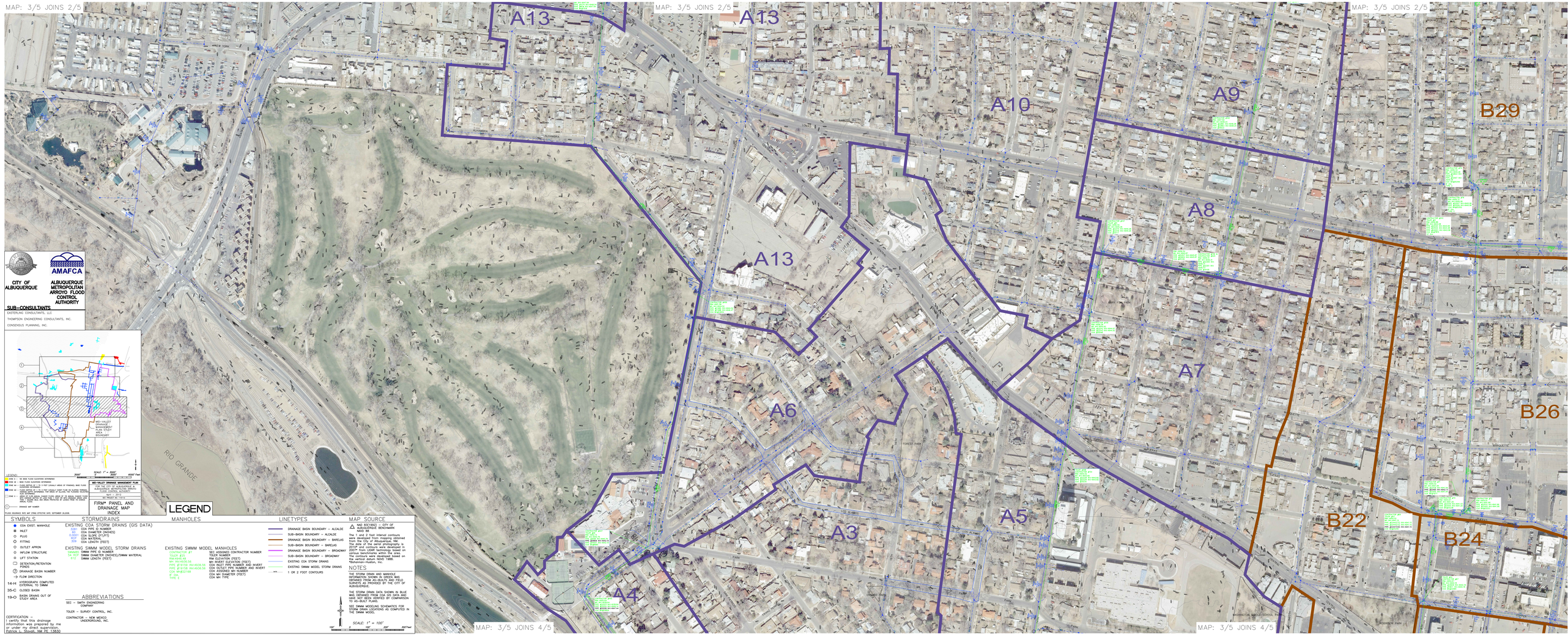
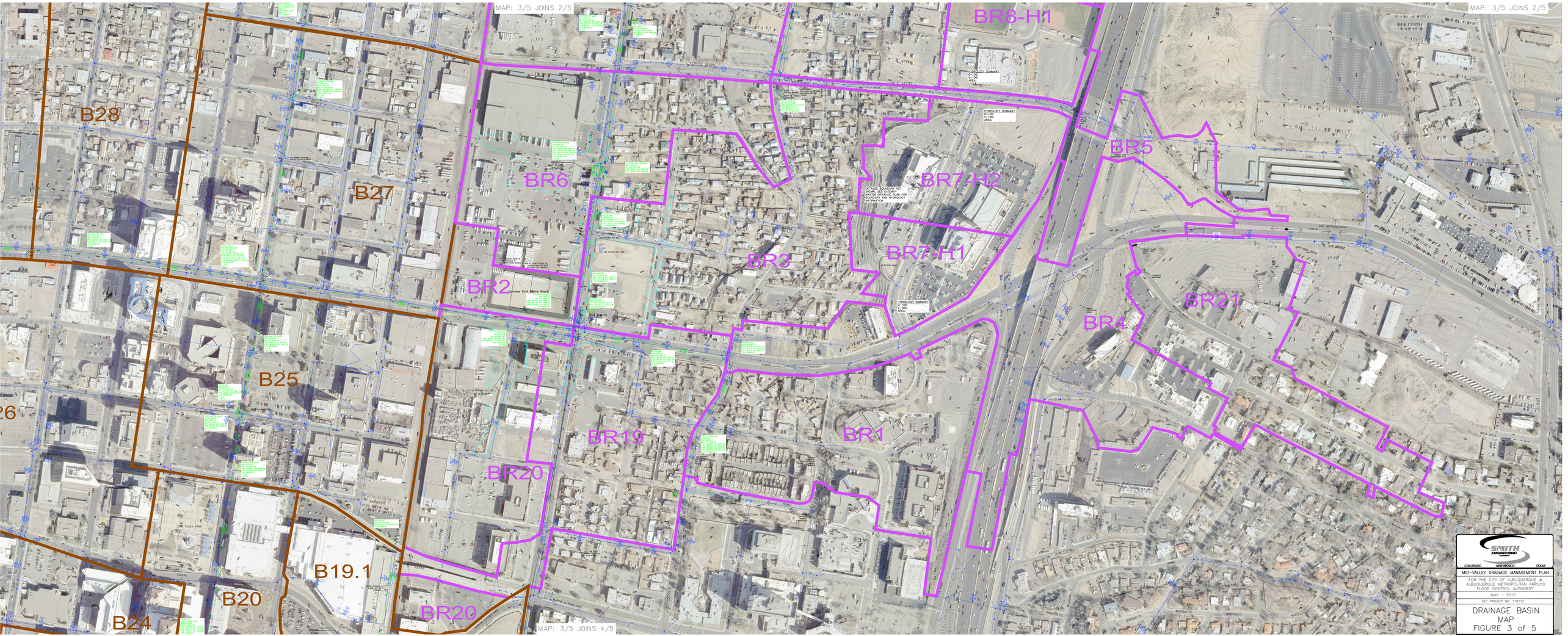

MAP: 3/5 JOINS 2/5
MAP: 3/5 JOINS 2/5
MAP: 3/5 JOINS 2/5
A13
A13
A10
A9
A8
A13
A7
A6
A5
A3
44
B29
B26
B22
B24
MAP: 3/5 JOINS 4/5
MAP: 3/5 JOINS 4/5
RIO GRANDE
CITY OF ALBUQUERQUE
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY
AMAFCA
SUB-CONSULTANTS
EASTERLING CONSULTANTS, LLC
THOMPSON ENGINEERING CONSULTANTS, INC.
CONSENSUS PLANNING, INC.
MID-VALLEY DRAINAGE MANAGEMENT PLAN
FOR THE CITY OF ALBUQUERQUE &
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY
FIRM* PANEL AND DRAINAGE MAP INDEX
LEGEND
SYMBOLS
COA EXIST. MANHOLE
INLET
PLUG
FITTING
OUTLET APRON
INFLOW STRUCTURE
LIFT STATION
DETENTION/RETENTION PONDS
DRAINAGE BASIN NUMBER
FLOW DIRECTION
14-H HYDROGRAPH COMPUTED EXTERNAL TO SWMM
35-C CLOSED BASIN
19-O BASIN DRAINS OUT OF STUDY AREA
STORMDRAINS
EXISTING COA STORM DRAINS (GIS DATA)
3281 COA PIPE ID NUMBER
60" COA DIAMETER (INCHES)
RCP COA MATERIAL TYPE
309 COA LENGTH (FEET)
EXISTING SWMM MODEL STORM DRAINS
SWM025 SWMM PIPE ID NUMBER
18" P170 SWMM DIAMETER (INCHES)/SWMM MATERIAL
612 SWMM LENGTH (FEET)
MANHOLES
EXISTING SWMM MODEL MANHOLES
CONTRACTOR #7 SEC ASSIGNED CONTRACTOR NUMBER
TOLER #25 TOLER NUMBER
RIM 4945.55 RIM ELEVATION (FEET)
INV 4936.05 COA INLET PIPE NUMBER AND INVERT (FEET)
PIPE # 3158 /INV.4936.56 COA OUTLET PIPE NUMBER AND INVERT
COA MH #12158 COA MH NUMBER
8.00' COA MH DIAMETER (FEET)
TYPE E COA MH TYPE
LINETYPES
DRAINAGE BASIN BOUNDARY – ALCALDE
SUB-BASIN BOUNDARY – ALCALDE
DRAINAGE BASIN BOUNDARY – BARELAS
SUB-BASIN BOUNDARY – BARELAS
DRAINAGE BASIN BOUNDARY – BROADWAY
SUB-BASIN BOUNDARY – BROADWAY
EXISTING COA STORM DRAINS
EXISTING SWMM MODEL STORM DRAINS
1 OR 2 FOOT CONTOURS
MAP SOURCE
NAD 83(1992) – CITY OF ALBUQUERQUE BENCHMARK NAVD 88
The 1 and 2 foot interval contours were developed from mapping obtained from the City of Albuquerque. The City's 2007 aerial photography in 2007* and contours were developed in 2007* from LiDAR technology based on the horizontal datum NAD 1983 (1992). The contours were developed based on the vertical datum NGVD 1988.
*Aerohunter-Horizon, Inc.
NOTES
THE STORM DRAIN AND MANHOLE INFORMATION SHOWN IN GREEN WAS DERIVED FROM AS-BUILTS AND FIELD SURVEYS AND APPROVED BY THE CITY OF ALBUQUERQUE.
SEE SWMM MODELING SCHEMATICS FOR STORM DRAIN LOCATIONS AS COMPUTED IN THE SWMM MODEL.
ABBREVIATIONS
SEC – SMITH ENGINEERING COMPANY
TOLER – SURVEY CONTROL, INC.
CONTRACTOR – NEW MEXICO UNDERGROUND, INC.
CERTIFICATION –
I certify that this drainage information was prepared by me or under my direct supervision.
Patrick A. Wood, NM PE 13630
SCALE: 1" = 100'
SCALE: 1" = 1000'
LEGEND
FIRM* PANEL AND DRAINAGE MAP INDEX


MAP: 3/5 JOINS 2/5
MAP: 3/5 JOINS 2/5
MAP: 3/5 JOINS 4/5
B28
B27
B25
B20
B19.1
B24
BR8-H1
BR6
BR7-H2
BR5
BR3
BR7-H1
BR2
BR21
BR4
BR19
BR1
BR20
BR20
SMITH ENGINEERING
COLORADO NEW MEXICO TEXAS
MID-VALLEY DRAINAGE MANAGEMENT PLAN
FOR THE CITY OF ALBUQUERQUE & ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY
April – 2012
SEC PROJECT NO. 110112
DRAINAGE BASIN MAP
FIGURE 3 of 5