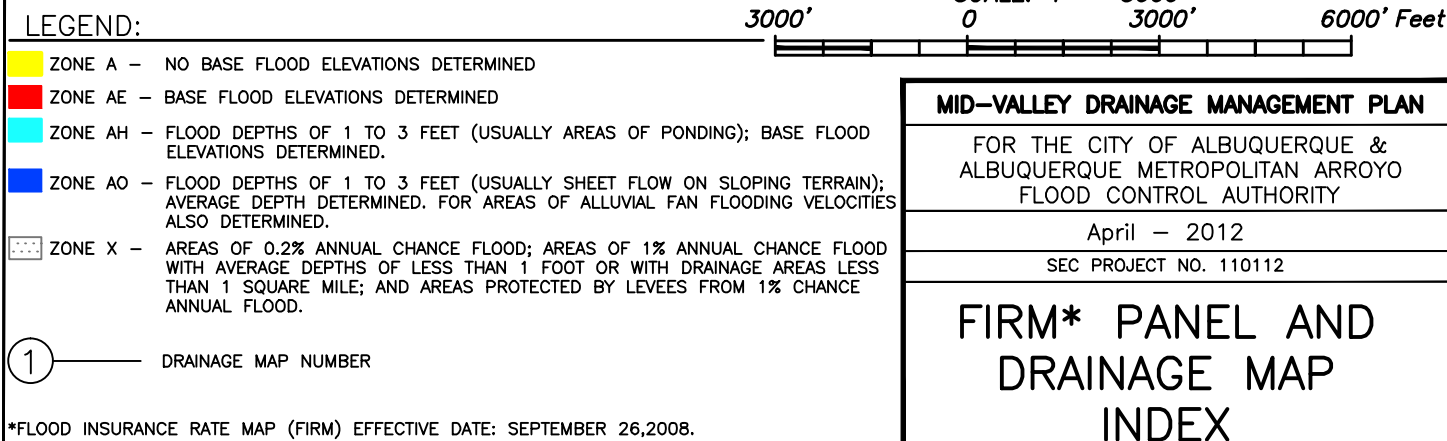
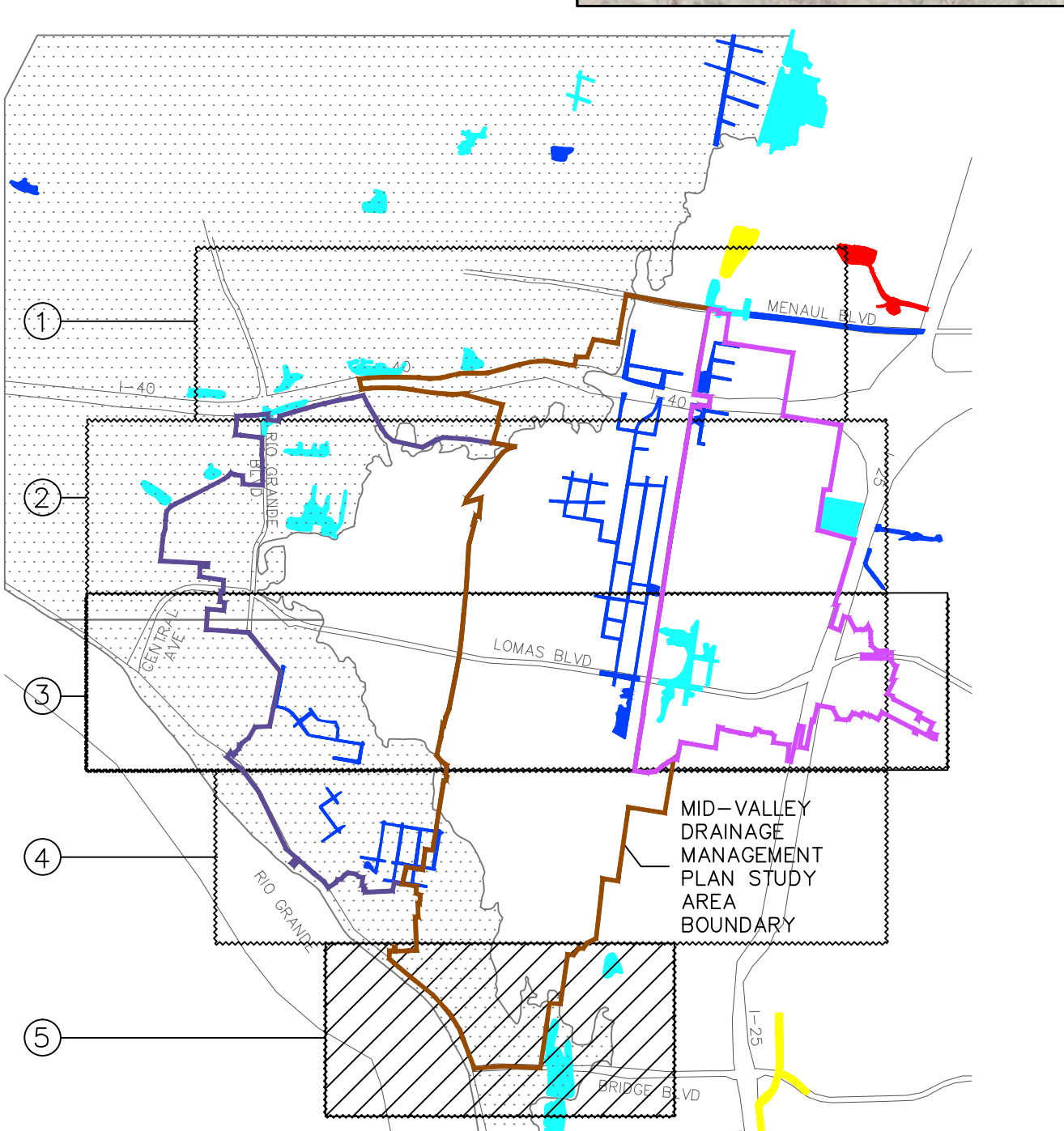
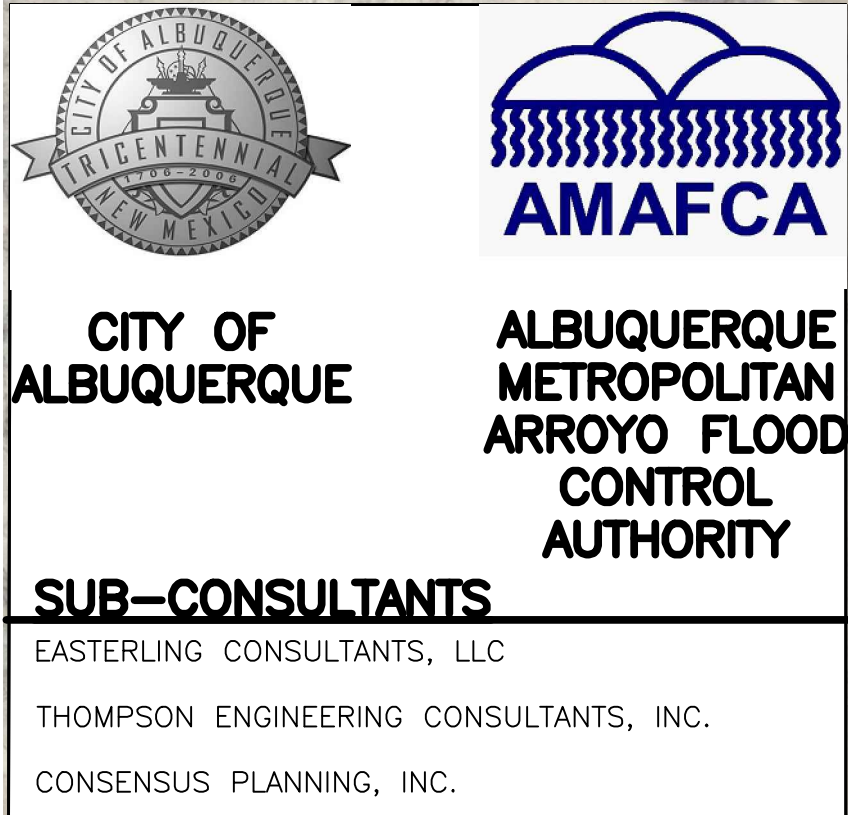
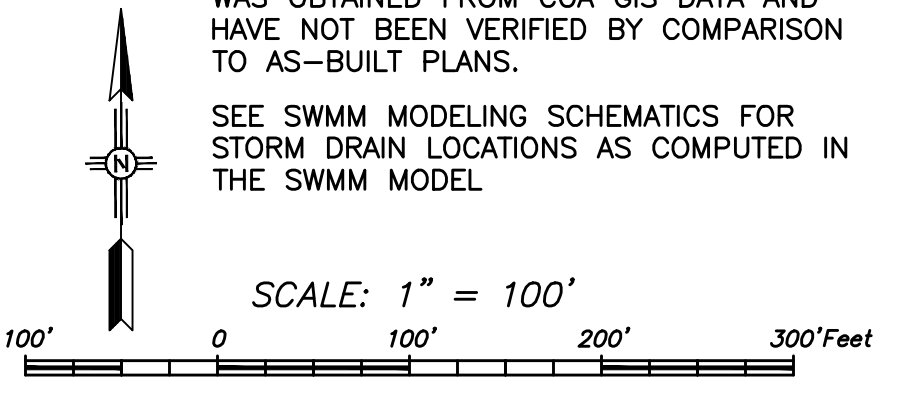




LEGEND

SYMBOLS		STORMDRAINS		MANHOLES		LINETYPES		MAP SOURCE			
●	COA EXIST. MANHOLE	—	EXISTING COA STORM DRAINS (GIS DATA)	○	EXISTING COA STORM DRAINS (GIS DATA)	—	DRAINAGE BASIN BOUNDARY — ALCALDE	△	NAD 83(1992) — CITY OF ALBUQUERQUE BENCHMARK		
○	INLET	3/28	COA PIPE ID NUMBER	○	EXISTING COA STORM DRAINS (GIS DATA)	—	SUB-BASIN BOUNDARY — ALCALDE	The 1 and 2 foot interval contours were developed from mapping obtained from the City of Albuquerque, NM. The date of the aerial photography is 2014 and contours were developed in 2017 from LIDAR technology based on various benchmarks within the area. The contours were developed based on the vertical datum NAD 1983.			
○	PLUG	0.0001	COA DIAMETER (INCHES)	○	EXISTING COA STORM DRAINS (GIS DATA)	—	DRAINAGE BASIN BOUNDARY — BARELAS				
○	FITTING	8/3	COA SLOPE (FT/FT)	○	EXISTING COA STORM DRAINS (GIS DATA)	—	DRAINAGE BASIN BOUNDARY — BARELAS				
○	OUTLET APRON	3/3	COA LENGTH (FEET)	○	EXISTING COA STORM DRAINS (GIS DATA)	—	DRAINAGE BASIN BOUNDARY — BROADWAY				
○	INFLOW STRUCTURE	SWMM5	SWMM PIPE ID NUMBER	○	EXISTING COA STORM DRAINS (GIS DATA)	—	SUB-BASIN BOUNDARY — BROADWAY	The STORM DRAIN DATA SHOWN IN BLUE WAS OBTAINED FROM COA GIS DATA AND HAVE NOT BEEN VERIFIED BY COMPARISON TO AS-BUILT PLANS.			
○	LIFT STATION	54	SWMM DIAMETER (INCHES)/SWMM MATERIAL	○	EXISTING COA STORM DRAINS (GIS DATA)	—	EXISTING COA STORM DRAINS				
○	DETENTION/RETENTION POND	612	SWMM LENGTH (FEET)	○	EXISTING COA STORM DRAINS (GIS DATA)	—	EXISTING SWMM MODEL STORM DRAINS				
○	DRAINAGE BASIN NUMBER	1		○	EXISTING COA STORM DRAINS (GIS DATA)	—	1 OR 2 FOOT CONTOURS	NOTES THE STORM DRAIN AND MANHOLE INFORMATION SHOWN IN GREEN WAS OBTAINED FROM AS-BUILT AND FIELD SURVEYS AS PROVIDED BY THE CITY OF ALBUQUERQUE. THE STORM DRAIN DATA SHOWN IN BLUE WAS OBTAINED FROM COA GIS DATA AND HAVE NOT BEEN VERIFIED BY COMPARISON TO AS-BUILT PLANS. SEE SWMM MODELING SCHEMATICS FOR STORM DRAIN LOCATIONS AS COMPUTED IN THE SWMM MODEL.			
→	FLOW DIRECTION			○	EXISTING COA STORM DRAINS (GIS DATA)	—					
14-H	HYDROGRAPH COMPUTED EXTERNAL TO SWMM			○	EXISTING COA STORM DRAINS (GIS DATA)	—					
35-C	CLOSED BASIN			○	EXISTING COA STORM DRAINS (GIS DATA)	—					
19-O	BASIN DRAINS OUT OF STUDY AREA			○	EXISTING COA STORM DRAINS (GIS DATA)	—					
CERTIFICATION — I certify that this drainage information was prepared by me or under my direct supervision. Patrick L. Stovall, NM PE 13830		ABBREVIATIONS SEC — SMITH ENGINEERING COMPANY TOLER — SURVEY CONTROL, INC. CONTRACTOR — NEW MEXICO UNDERGROUND, INC.			EXISTING SWMM MODEL MANHOLES CONTRACTOR #7 TOLER #25 PIPE #19159 INV#4936.56 MH INV#4936.56 PIPE #19158 INV#4936.56 CON MH#22148 8" DIA. TYPE E		LEGEND MANHOLES				



SMITH ENGINEERING, INC.

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 5 of 5