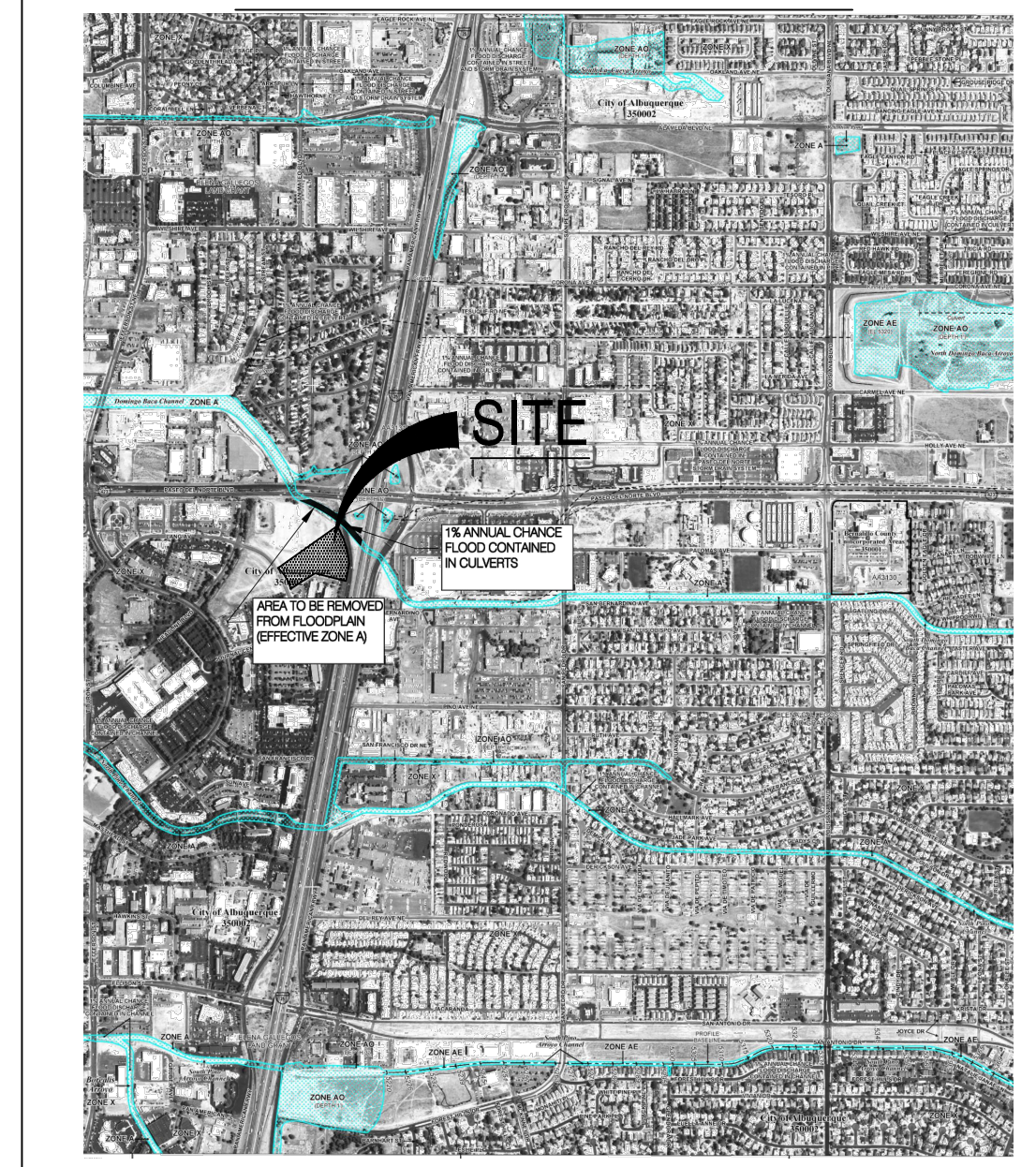
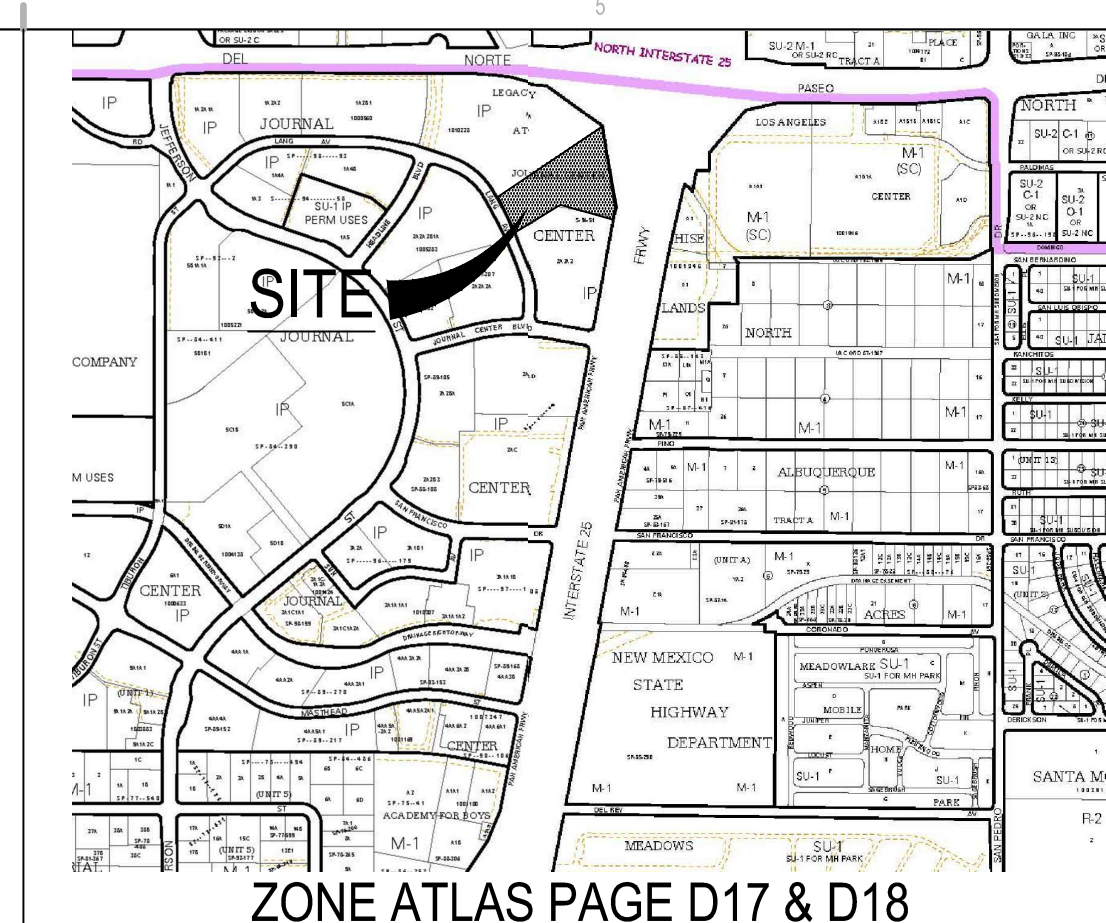
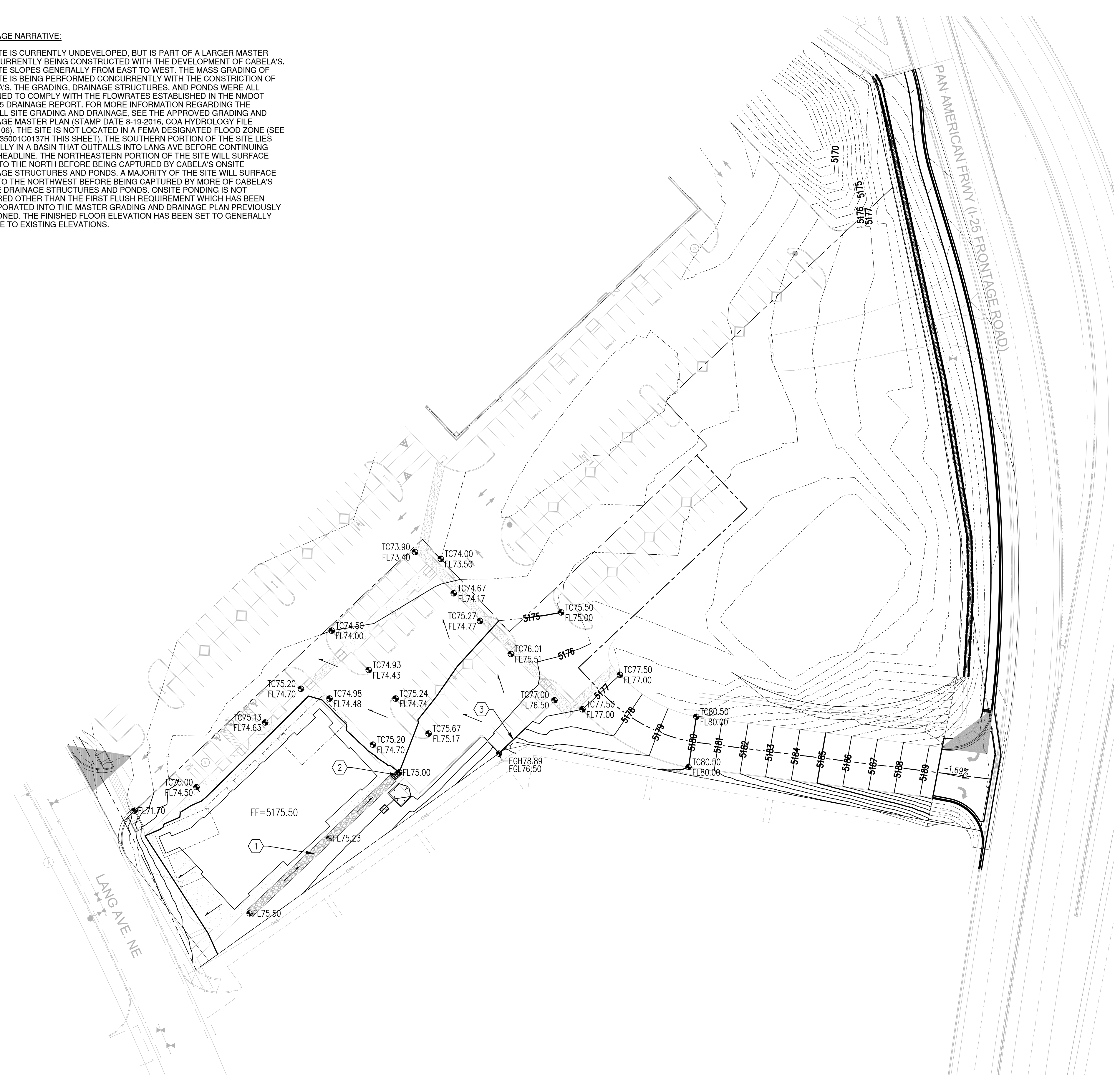


**DRAINAGE NARRATIVE:**

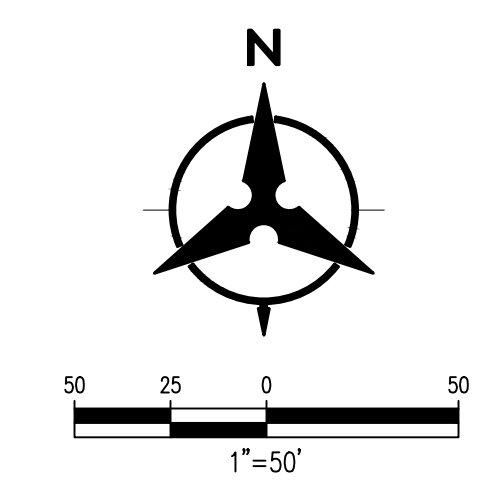
THE SITE IS CURRENTLY UNDEVELOPED, BUT IS PART OF A LARGER MASTER PLAN CURRENTLY BEING CONSTRUCTED WITH THE DEVELOPMENT OF CABELA'S. THE SITE SLOPES GENERALLY FROM EAST TO WEST. THE MASS GRADING OF THE SITE IS BEING PERFORMED CONCURRENTLY WITH THE CONSTRUCTION OF CABELA'S. THE GRADING, DRAINAGE STRUCTURES, AND PONDS WERE ALL DESIGNED TO COMPLY WITH THE FLOWRATES ESTABLISHED IN THE NMDOT PDN/I-25 DRAINAGE REPORT. FOR MORE INFORMATION REGARDING THE OVERALL SITE GRADING AND DRAINAGE, SEE THE APPROVED GRADING AND DRAINAGE MASTER PLAN (STAMP DATE 8-19-2016, COA HYDROLOGY FILE #D170106). THE SITE IS NOT LOCATED IN A FEMA DESIGNATED FLOOD ZONE (SEE FIRM # 35001C0137H THIS SHEET). THE SOUTHERN PORTION OF THE SITE LIES PARTIALLY IN A BASIN THAT OUTFALLS INTO LANG AVE BEFORE CONTINUING ONTO HEADLINE. THE NORTHEASTERN PORTION OF THE SITE WILL SURFACE DRAIN TO THE NORTH BEFORE BEING CAPTURED BY CABELA'S ONSITE DRAINAGE STRUCTURES AND PONDS. A MAJORITY OF THE SITE WILL SURFACE FLOW TO THE NORTHWEST BEFORE BEING CAPTURED BY MORE OF CABELA'S ONSITE DRAINAGE STRUCTURES AND PONDS. ONSITE PONDING IS NOT REQUIRED OTHER THAN THE FIRST FLUSH REQUIREMENT WHICH HAS BEEN INCORPORATED INTO THE MASTER GRADING AND DRAINAGE PLAN PREVIOUSLY MENTIONED. THE FINISHED FLOOR ELEVATION HAS BEEN SET TO GENERALLY ADHERE TO EXISTING ELEVATIONS.



FEMA FIRM # 35001C0137H

**GRADING KEYNOTES**

1. INSTALL NEW RIPRAP SWALE.
2. INSTALL NEW SIDEWALK CULVERT.
3. CONSTRUCT NEW RETAINING WALL.



**GRADING LEGEND**

	PROPERTY LINE		PROPOSED CURB & GUTTER
	PROJECT LIMITS OF GRADING		DIRECTION OF FLOW
	EXISTING INDEX CONTOUR		WATER BLOCK/GRADE BREAK
	EXISTING INTERMEDIATE CONTOUR		PROPOSED STORM DRAIN LINE
	EXISTING GROUND SPOT ELEVATION		PROPOSED STORM DRAIN MANHOLE
	PROPOSED INDEX CONTOUR		PROPOSED STORM DRAIN INLET
	PROPOSED INTERMEDIATE CONTOUR		PROPOSED RETAINING WALL
	PROPOSED FLOW LINE		EASEMENT
	PROPOSED FINISHED GRADE SPOT ELEVATION		
	TC=TOP OF CURB,		
	FL=FLOW LINE,		
	TS=TOP OF SIDEWALK		
	TG=TOP OF GRATE		
	FGH=FINISH GROUND HIGH,		
	FGL=FINISH GROUND LOW		



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REVISIONS


DRAWN BY MHS  
REVIEWED BY MJB  
DATE December 20, 2016  
PROJECT NO. 16-0068.001  
DRAWING NAME  
CONCEPTUAL  
GRADING PLAN

SHEET NO. SPBP-3  
OF