



**VICINITY MAP**  
ZONE MAP D-17

**DRAINAGE NARRATIVE:**

THE SITE IS LOCATED AT THE NORTHEAST CORNER OF JEFFERSON ST AND HEADLINE AVE. IT IS CURRENTLY UNDEVELOPED AND SLOPES GENERALLY FROM EAST TO WEST. FINISHED FLOOR ELEVATIONS HAVE BEEN SET TO GENERALLY ADHERE TO EXISTING ELEVATIONS AND PROMOTE POSITIVE DRAINAGE AWAY FROM BUILDINGS. THE SITE IS NOT LOCATED IN A DESIGNATED FEMA FLOOD ZONE (FEMA FIRM # 35001C0137H).

SITE DRAINAGE ANALYSIS WAS CONDUCTED WITH THE CONSTRUCTION OF THE NEW I-25 / PASO DEL NORTE INTERCHANGE. THE NMDOT PDN / I-25 DRAINAGE REPORT DELINEATED BASINS THROUGHOUT THE INTERCHANGE AREA, INCLUDING JOURNAL CENTER. OUR SITE IS LOCATED WHOLLY WITHIN 'SUBBASIN 1 - E JEFFERSON 1'. THIS BASIN HAS A TOTAL DISCHARGE OF APPROXIMATELY 128.5 CFS. CURRENTLY OUR SITE IS THE ONLY UNDEVELOPED PORTION OF THIS BASIN. ACCORDING TO THE DRAINAGE REPORT, THE LAND TREATMENT PERCENTAGES WERE 1.0% C AND 99.0% D. THE DOWNSTREAM INFRASTRUCTURE WAS DESIGNED TO ESSENTIALLY CONVEY THE ENTIRE BASIN AS IF IT WERE COMPLETELY IMPERVIOUS.

OUR SITE WILL BE ALLOWED TO DISCHARGE 100% OF THE FLOW INTO HEADLINE AVE AND JEFFERSON ST JUST AS THE DRAINAGE REPORT SHOWS. THE FLOW WILL THEN BE CAPTURED BY OFFSITE DRAINAGE INFRASTRUCTURE. FOR MORE INFORMATION REGARDING THE OFFSITE INFRASTRUCTURE AND THE BASIN CONTAINING OUR SITE, PLEASE SEE THE NMDOT PDN / I-25 DRAINAGE REPORT. LANDSCAPED AREAS THROUGHOUT THE SITE WILL BE DEPRESSED WHERE APPLICABLE TO CAPTURE DRAINAGE IN AN ATTEMPT TO MEET THE FIRST FLUSH REQUIREMENT.

**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		

**REVISIONS**

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**DRAWN BY**

**REVIEWED BY**

**DATE**

**PROJECT NO.**

**DRAWING NAME**

**CONCEPTUAL GRADING AND DRAINAGE PLAN**

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