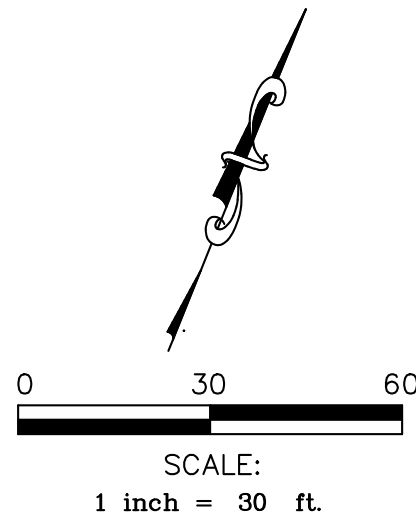
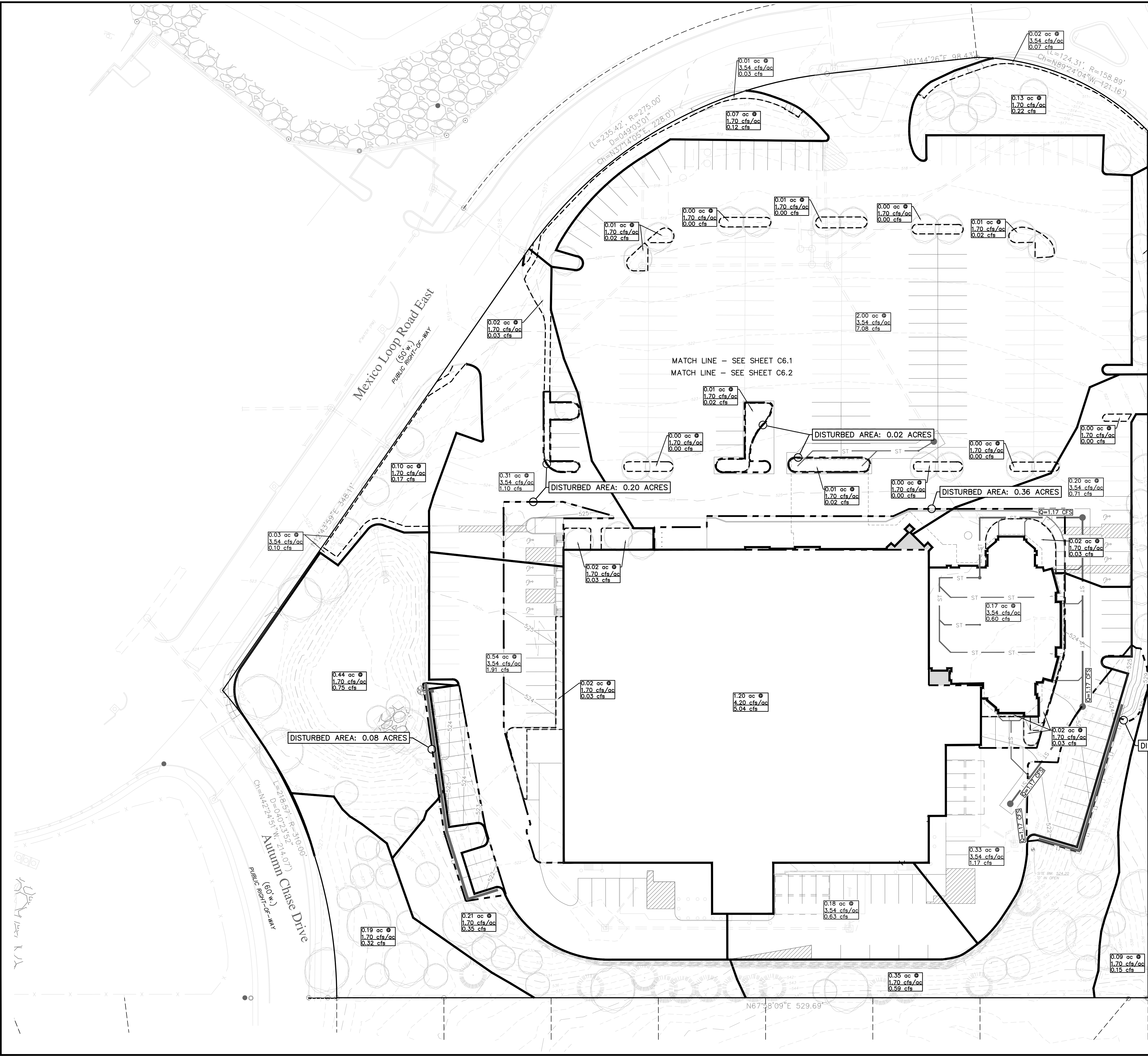




**STORMWATER RUN-OFF
CALCULATIONS**

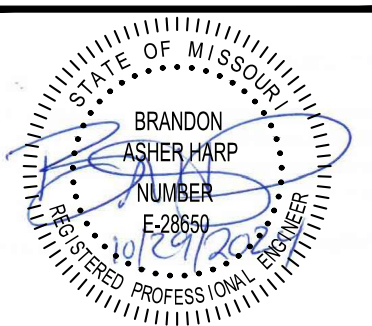
TOTAL PROJECT DISTURBANCE: 0.76 ACRES

(15 YEAR/20 MINUTE STORM)

EXISTING CONDITION		
BUILDING	1.26 AC. x 4.20 C.F.S./AC.	= 5.29 C.F.S.
PAVEMENT	3.61 AC. x 3.54 C.F.S./AC.	= 12.78 C.F.S.
GRASS	1.91 AC. x 1.70 C.F.S./AC.	= 3.25 C.F.S.
	6.77 AC.	= 21.32 C.F.S.

PROPOSED CONDITION		
BUILDING	1.20 AC. x 4.20 C.F.S./AC.	= 5.04 C.F.S.
PAVEMENT	3.81 AC. x 3.54 C.F.S./AC.	= 13.48 C.F.S.
GRASS	1.76 AC. x 1.70 C.F.S./AC.	= 2.99 C.F.S.
	6.77 AC.	= 21.51 C.F.S.

DIFFERENTIAL RUNOFF
21.32 C.F.S. - 21.51 C.F.S. = +0.19 C.F.S. INCREASE



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CEDC
CIVIL ENGINEERING
DESIGN CONSULTANTS

Site Improvement Plans for
ROSALITA'S CANTINA RESTAURANT
1421 MEXICO LOOP ROAD EAST
O'FALLON, MO 63366

Proj. # 2494		
No.	Description	Date
To City	03/29/24	
To City	04/17/24	
To City	09/16/24	
To City	10/15/24	
To City	11/01/24	

**PROPOSED
DRAINAGE AREA
PLAN**

DRAWING NO.

C12

**FOR DRAINAGE AREAS ONLY
~NOT FOR CONSTRUCTION~**