

DRAINAGE ANALYSIS

FOR THE NEW EL PASO MEXICAN GRILL RESTAURANT 200 WEST GLORIA SWITCH ROAD IN THE CITY OF CARENCRO, LOUISIANA



DRAINAGE DESIGN SUMMARY

1. SUMMARY OF PROPERTY

- A) THE PROPERTY IS LOCATED AT 200 WEST GLORIA SWITCH ROAD, CARENCRO, LOUISIANA.
- B) THE OVERALL LOT SIZE IS 1.894 ACRES.
- C) THE EXISTING SITE IS AN UNDEVELOPED AREA.
- D) THE PROPOSED SITE WILL BE USED TO BUILD A 7,000 SQ. FT. RESTAURANT BUILDING, PARKING LOT, & GREEN AREA.

2. DESIGN CRITERIA

THE DRAINAGE IMPACT ANALYSIS IS BASED ON 10-YEAR STORM PRE-DEVELOPMENT & 10-YEAR POST-DEVELOPMENT DRAINAGE.

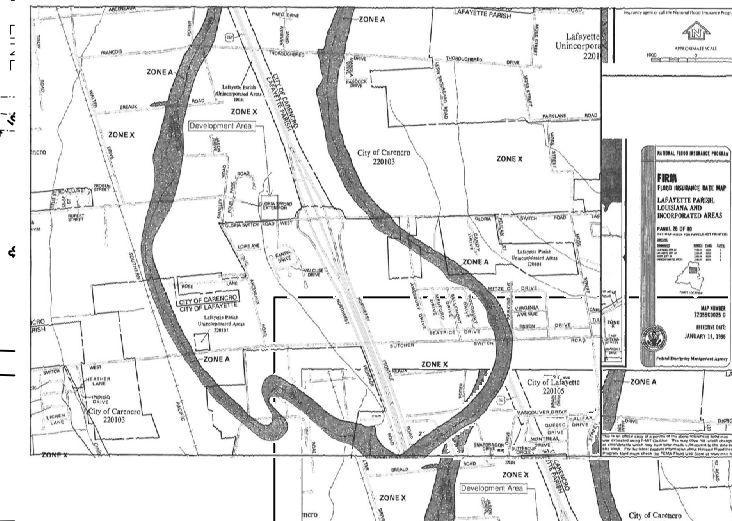
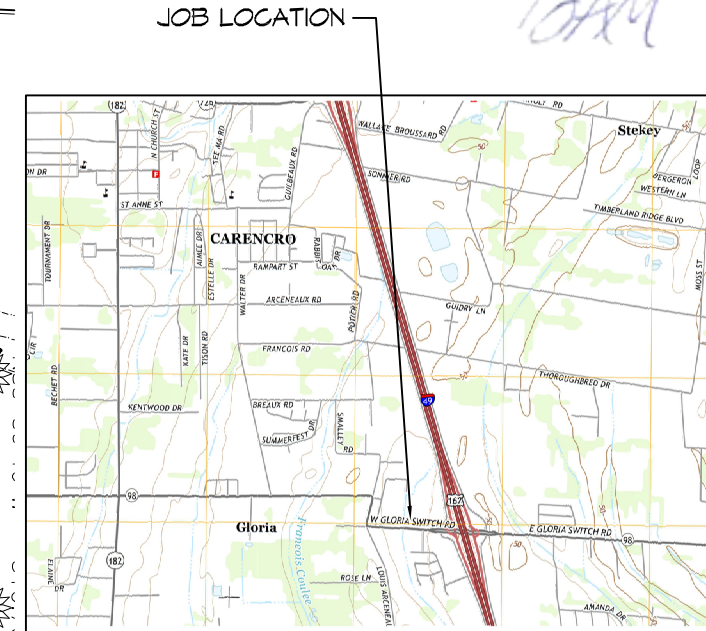
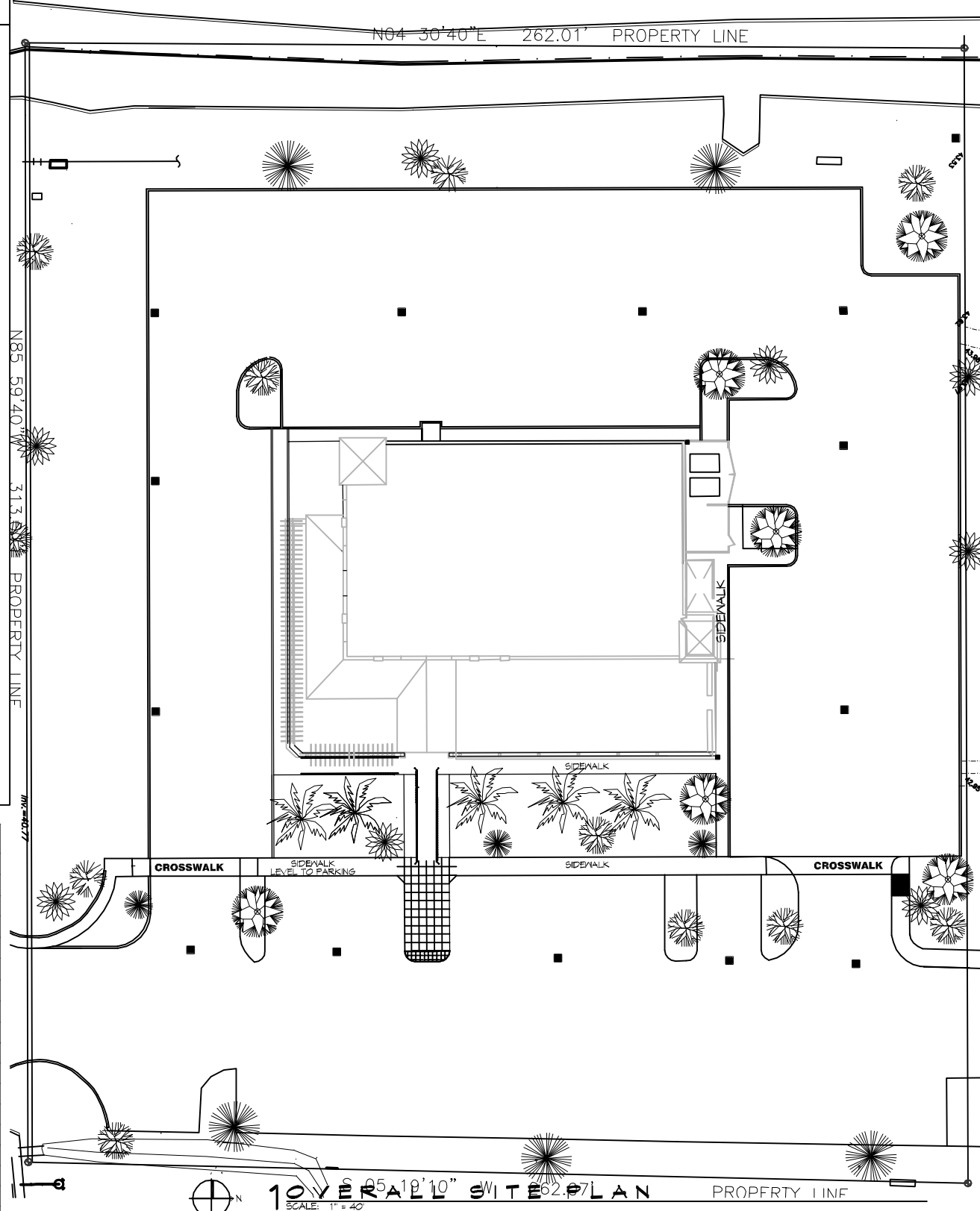
3. CALCULATIONS

10-YEAR STORM & 100-YEAR STORM CALCULATIONS ARE PROVIDED. IN BOOKLET PROVIDED.

4. THE PERFORMANCE OF DETENTION FACILITY WITH A 10-YEAR STORM IS PROVIDED IN THE BOOKLET.

5. THE PERFORMANCE OF SAME DETENTION FACILITY 100-YEAR WITH A YEAR STORM IS PROVIDED.

INDEX OF DRAWINGS			
SHT. #	DWG.	DRAWING NAME	REVISED
1	G1.0	COVERSHEET	4/2/2020
2	C1.0	PRE-DEVELOPMENT DRAINAGE MAP	4/2/2020
3	C1.1	PRE-DEVELOPMENT SURVEY	4/2/2020
4	C1.2	POST-DEVELOPMENT DRAINAGE MAP	4/2/2020
5	C1.3.0	DEVELOPMENT DRAINAGE PLAN	4/2/2020
6	C1.3.1	DEVELOPMENT CB & PIPE SCHEDULES	4/2/2020
7	C1.4.0	SITE DRAINAGE PLAN	4/2/2020
8	C1.4.1	TRENCH DRAIN DETAIL	4/2/2020
9	C1.4.2	CATCH BASIN DETAILS	4/2/2020
10	C1.4.3	PIPE BEDDING SECTIONS	4/2/2020
11	C1.4.4	SITE CB & PIPE SCHEDULES	4/2/2020
12	C1.4.5	CHAINWALL DETAIL	4/2/2020
13	C1.5	SITE SECTIONS	4/2/2020
14	C1.6	SITE EROSION CONTROL PLAN & DETAILS	4/2/2020
15	C2.0	SITE UTILITY PLAN	4/2/2020
16	C2.1	SITE UTILITY DETAILS	4/2/2020



DAMMON
ENGINEERING, INC.

DRAINAGE ANALYSIS FOR THE
EL PASO MEXICAN RESTAURANT
200 WEST GLORIA SWITCH ROAD
CARENCRO, LA 70520

COVER SHEET

G1.0

JOB No: 2269 DATE: 4/2/2020
DRAWN BY: DD CHECKED BY: BAM

CHIEF ENGINEER: BRIAN A. MISTICH, P.E.
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