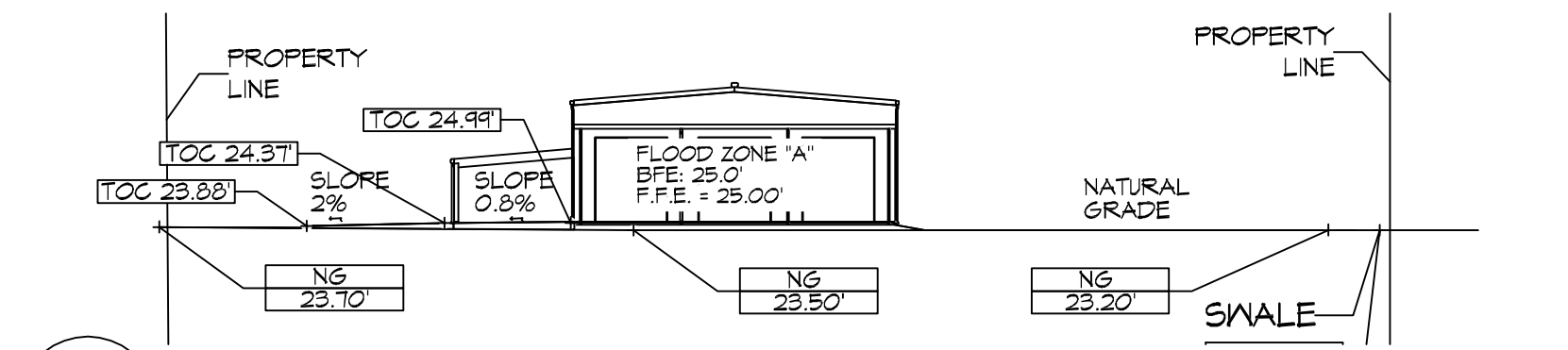
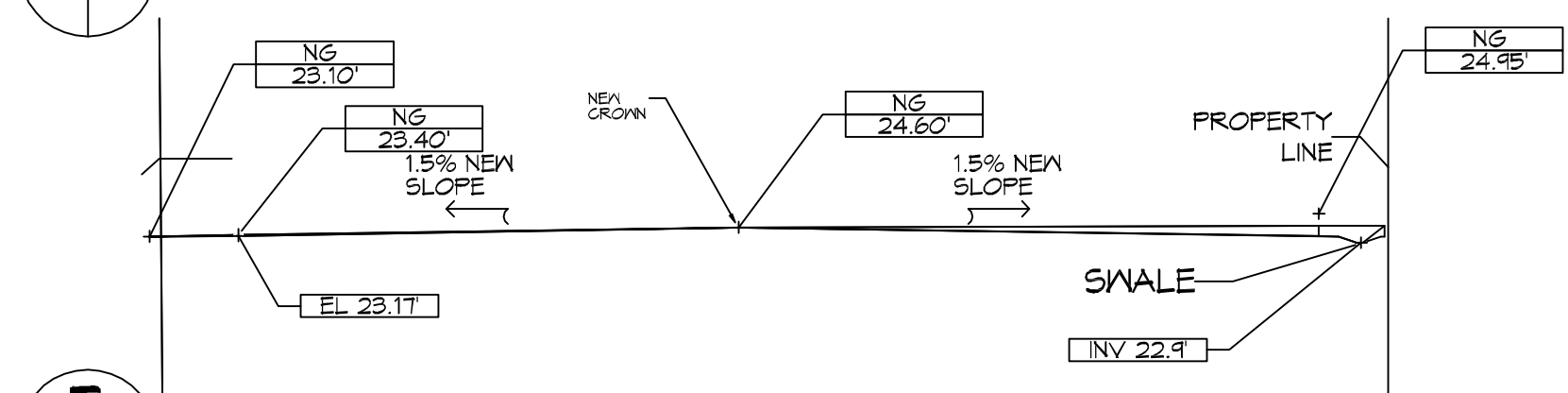


DRAINAGE PLAN
SCALE: 1" = 30'-0"

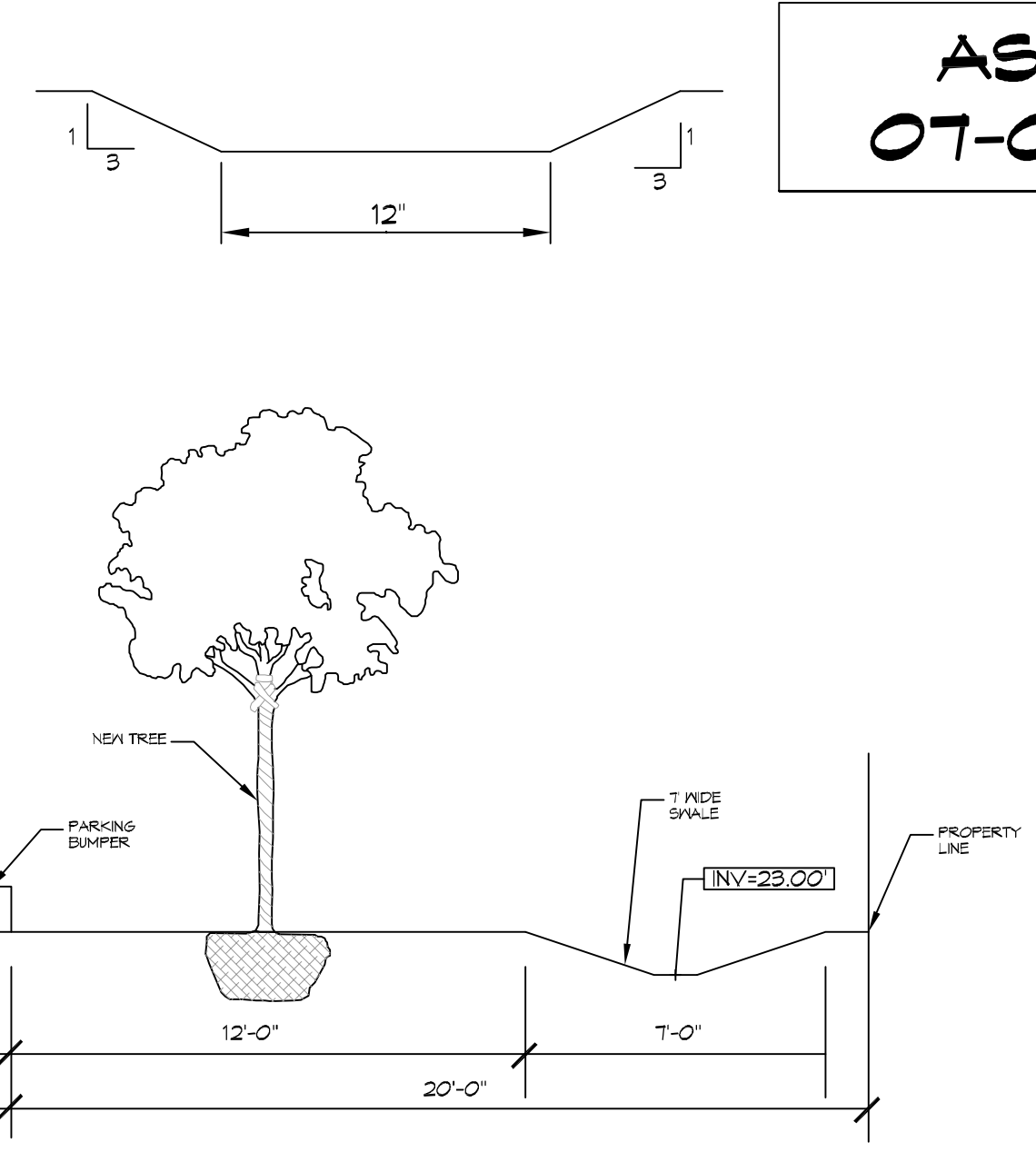
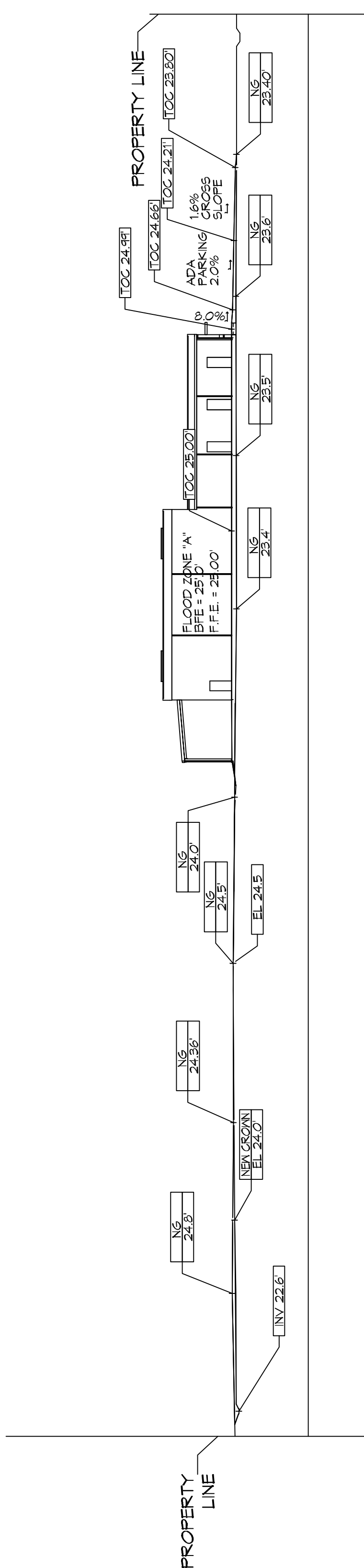


SECTION A
SCALE: 1" = 30'-0"



SECTION B
SCALE: 1" = 30'-0"

MITIGATION SECTION
SCALE: 1" = 30'-0"



14' SWALE AND PLANTABLE AREA
SCALE: N.T.S.

DRAINAGE NOTES	
1.	ELEVATIONS SHOWN ARE MSL.
2.	FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
3.	PROVIDE VERTICAL ELBOW AT DOWNSPOUTS WITH SPLASH BLOCKS.

DRAINAGE LEGEND	
	TOP OF CONCRETE ELEVATION
	TOP OF GRATE ELEVATION
	INVERT OF PIPE ELEVATION
	CMP (CORRUGATED METAL PIPE) DRAINAGE OF FLOW ARROW. SEE PLAN FOR SIZE
	NEW ELEVATION
	NATURAL GRADE
	SLOPE

FLOOD ZONE	
ZONE 'A'	

BUILDING ELEVATION	
BASE FLOOD ELEVATION = 25.0'	
FINISHED FLOOR ELEVATION = 25.0'	

AS-BUILT
07-09-2020

CUT/FILL CALCS

FILL MITIGATION VOLUME;
 Bldg + Rear Covered Parking (200.7 sf x 53 ft) = 10,637.1 cf
 Side Covered Parking (23.1 sf x 40 ft) = 924.0 cf
 Paving = (Drive 132.2 sf x 24 ft) + (Drive 16.1 sf x 95 ft) + (Parking 25.7 sf x 71 ft) = 6,527.0 cf
TOTAL = 18,088 cf

CUT MITIGATION VOLUME
 Cut Volume = (119.2 s.f. x 145 ft) + (0.1 s.f. x 237 ft) + (53.7 sf x 179.5 ft) = 26,920 cf

EXCESS CUT TO BE REMOVED OFFSITE

DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mestich, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 Ph: 985.647.1828

REVISIONS	DATE	DESCRIPTION
1	9/26/2019	REVISED CUT/FILL CALCS

NEW OFFICE WAREHOUSE

ZEIGLER, CO.

LA HWY 1085 DEER CROSS DRIVE
 MADISONVILLE, LA 70447

JOB No: 2383 DATE: 10-09-2019
 DRAWN BY: BMM
 C/C/D CHECKED BY:

SHEET TITLE: **DRAINAGE AND MITIGATION PLAN**

DRAWING NUMBER: **C102**

SHEET No: 4 of 4