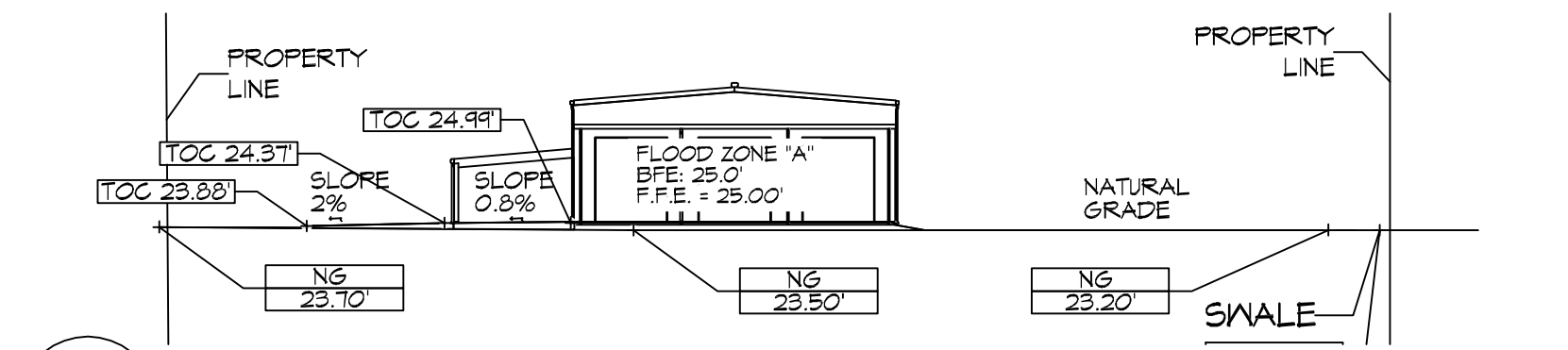
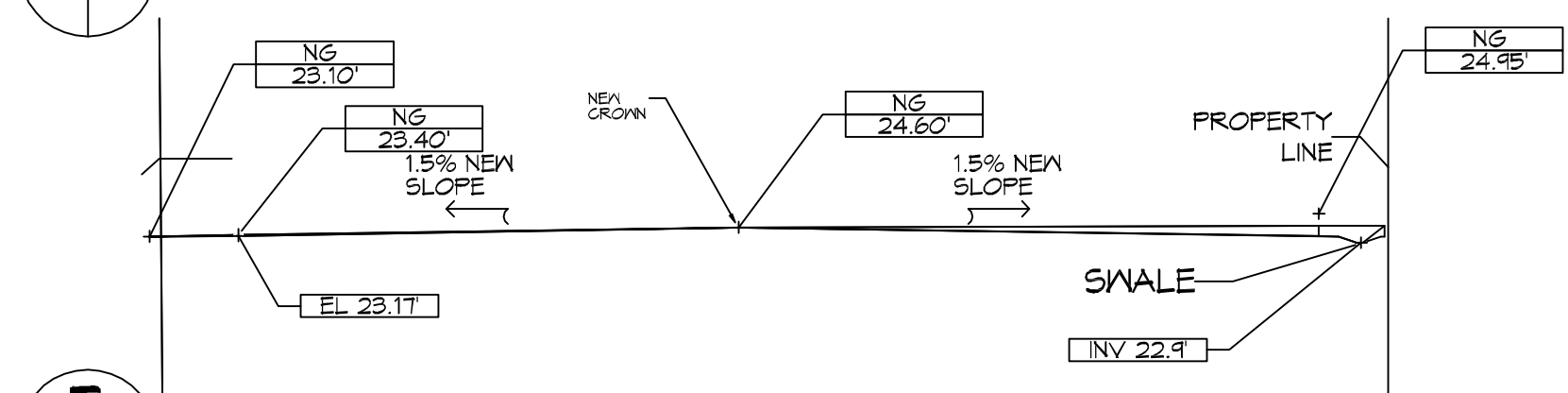


**DRAINAGE PLAN**  
SCALE: 1" = 30'-0"

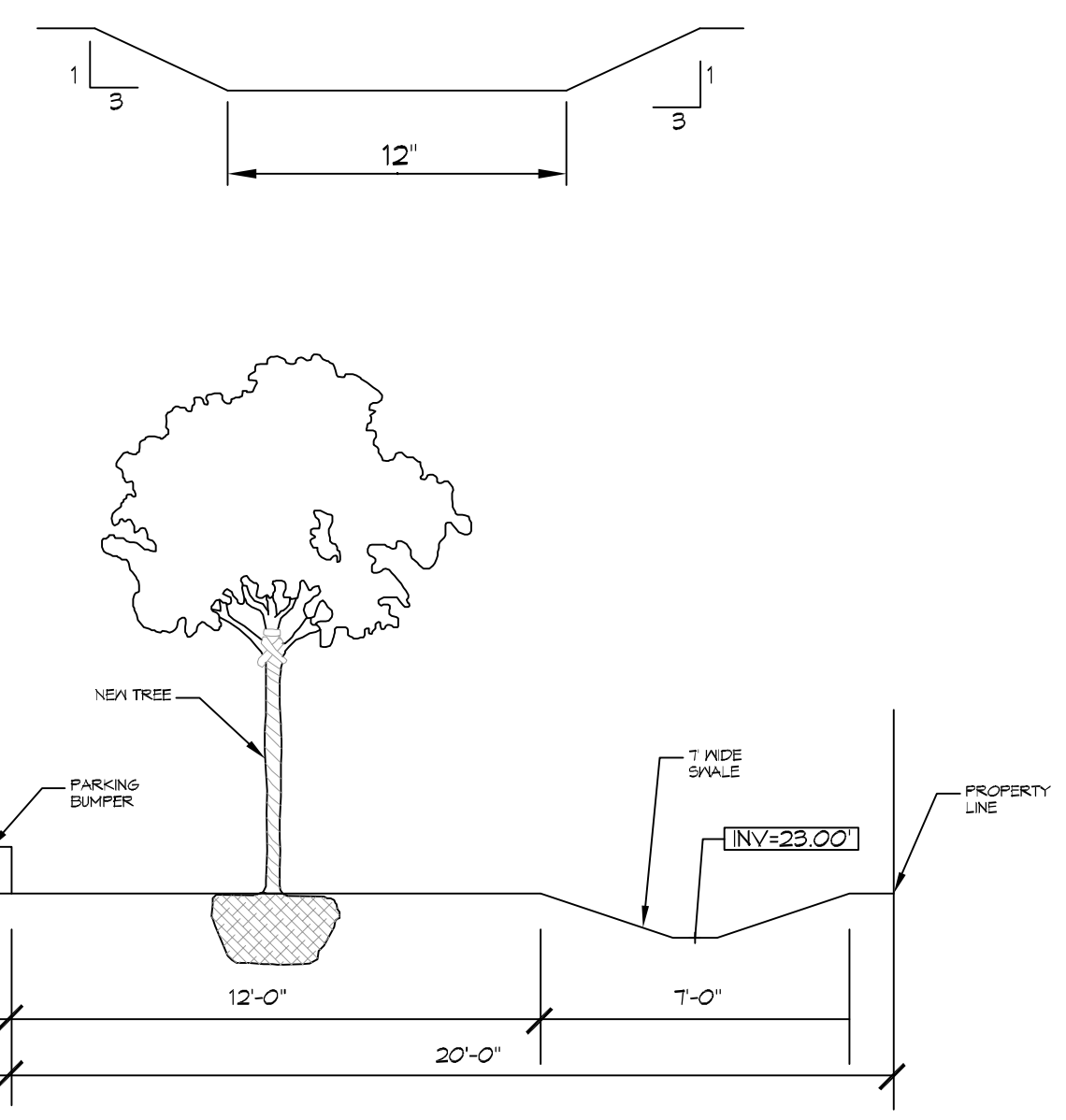
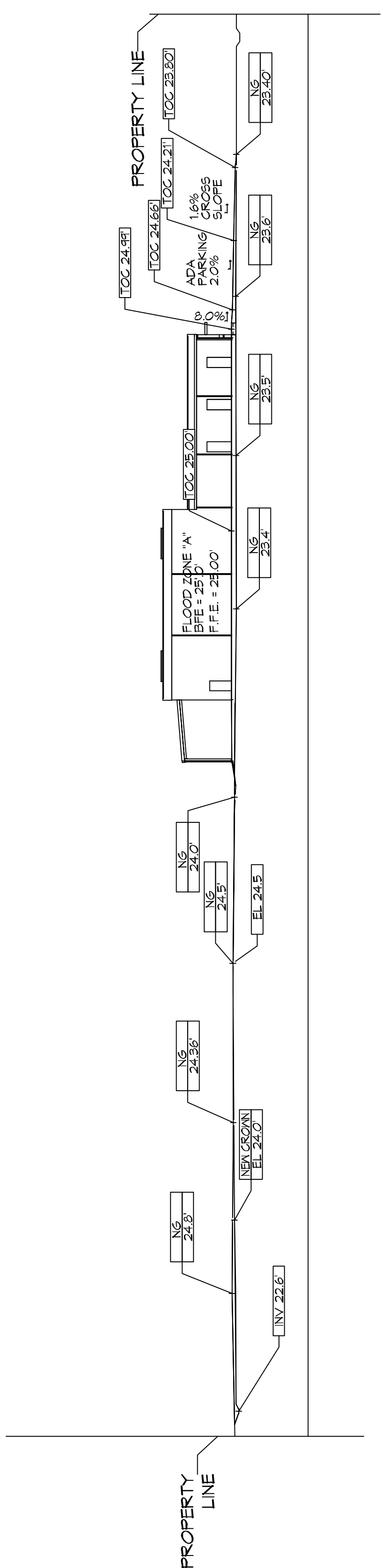


**SECTION A**  
SCALE: 1" = 30'-0"



**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'	

**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Mestich, P.E.  
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554 Old Spanish Trail  
Shreveport, LA 71208  
PH: 848.697.1824

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



NEW OFFICE WAREHOUSE  
**ZEIGLER TREE & TIMBER, CO.**

L.A. HWY 1085 DEER CROSS DRIVE  
MADISONVILLE, LA 70447

JOB No: 10-09-2019 DATE: 2/28/20  
DRAWN BY: BMM CHECKED BY: C102

SHEET TITLE:  
**DRAINAGE AND MITIGATION PLAN**

DRAWING NUMBER:  
**C102**

SHEET No: 4 of 4

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
<b>TOTAL =</b>	<b>18,088 cf</b>
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
<b>EXCESS CUT TO BE REMOVED OFFSITE</b>	