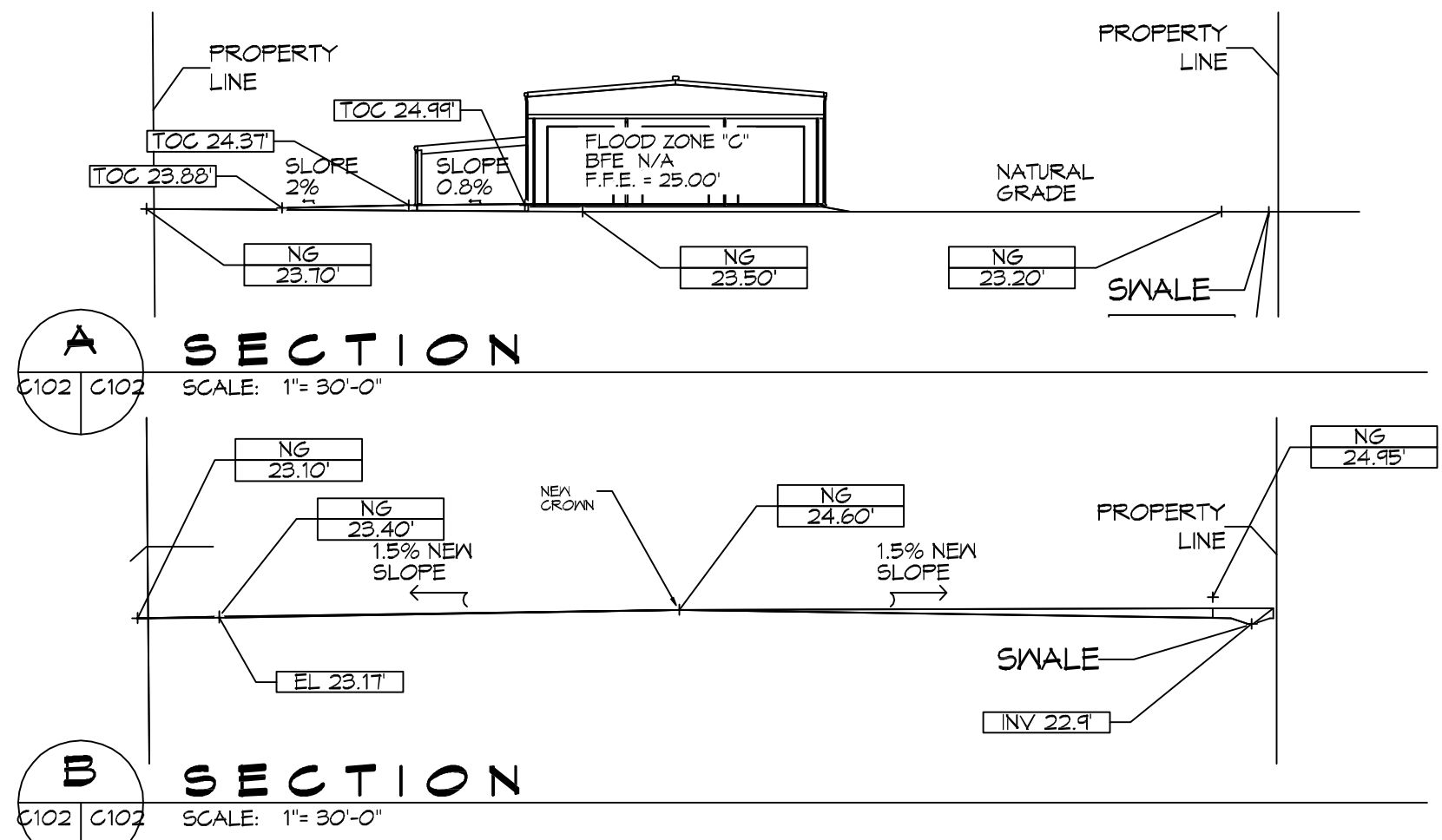
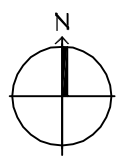
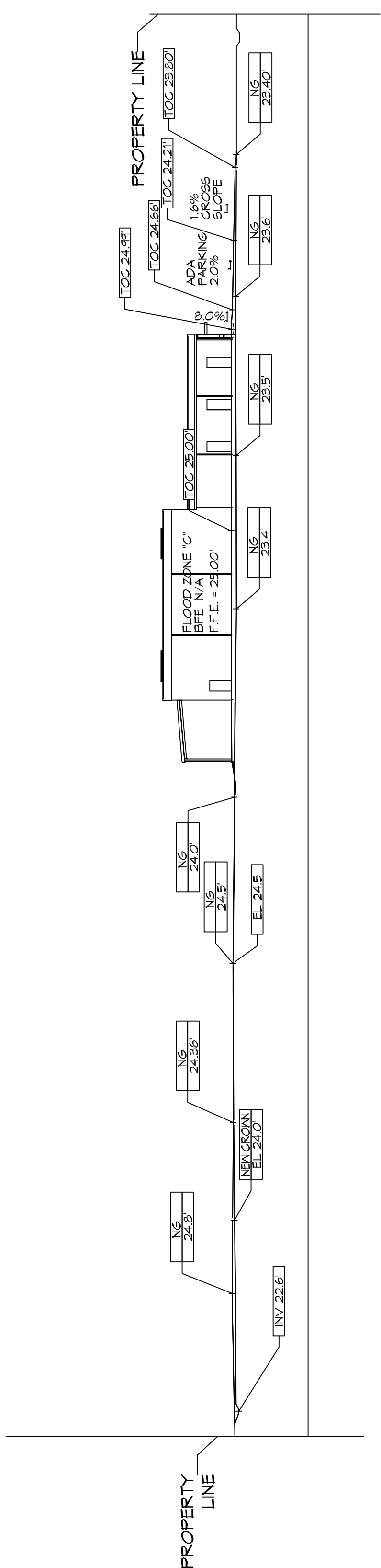


**DRAINAGE PLAN**  
SCALE: 1" = 30'-0"

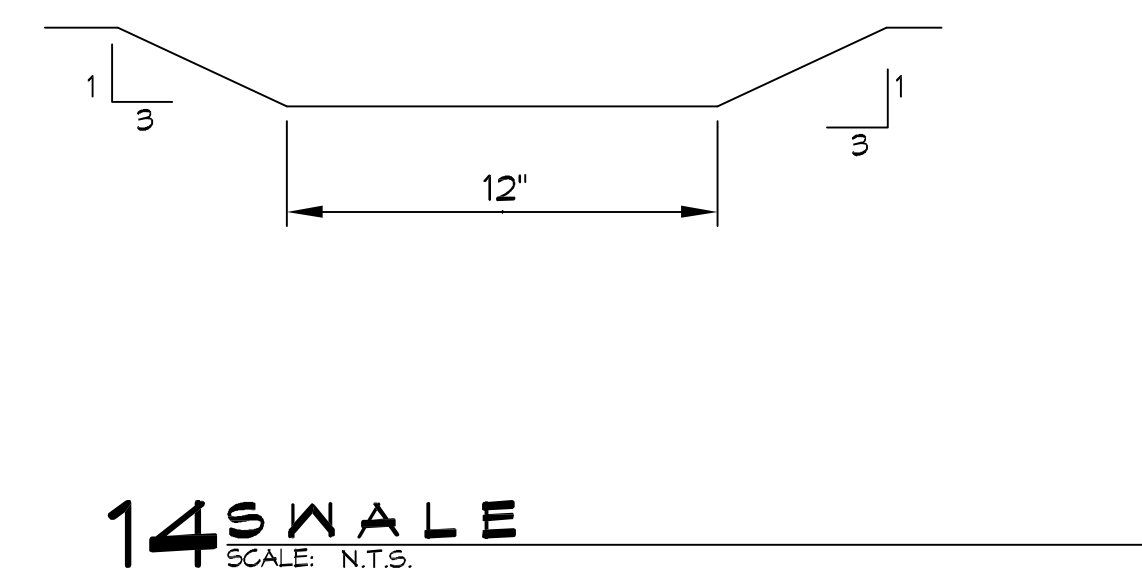


**A SECTION**  
SCALE: 1" = 30'-0"

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



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



**14' SWALE**  
SCALE: N.T.S.

- DRAINAGE NOTES**
- ELEVATIONS SHOWN ARE MSL.
  - FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
  - PROVIDE VERTICAL ELBOW AT DOWNSPOUTS WITH SPLASH BLOCKS.
- DRAINAGE LEGEND**
- TOC XXXX — TOP OF CONCRETE ELEVATION
  - TOG XXXX — TOP OF GRATE ELEVATION
  - INV XXXX — INVERT OF PIPE ELEVATION
  - IS — CMP (CORRUGATED METAL PIPE) DRAINAGE OF FLOW ARROW, SEE PLAN FOR SIZE
  - EL XXXX — NEW ELEVATION
  - NG XXXX — NATURAL GRADE
  - ← SLOPE

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

Chief Engineer: Brian Mestich, P.E.  
www.dammonengineering.com  
554 Old Spanish Trail  
Shreveport, LA 71208  
Phone: 848.697.1828

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



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

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

JOB No: 2383 DATE: 10-03-2019  
DRAWN BY: BMM  
CHECKED BY: C102

SHEET TITLE:  
**DRAINAGE AND MITIGATION PLAN**

DRAWING NUMBER:  
**C102**

SHEET No: 3 of 6

**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

**EXCESS CUT TO BE REMOVED OFFSITE**