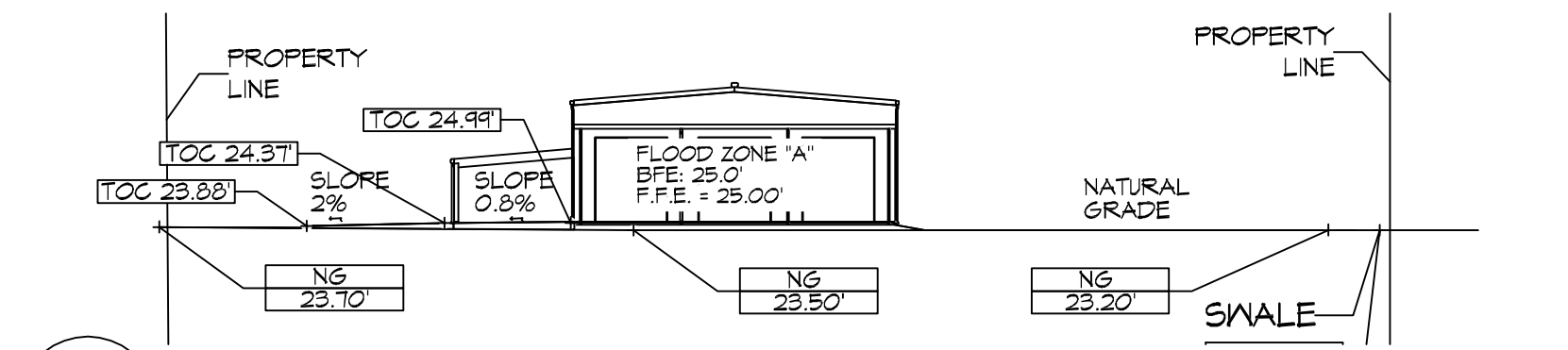
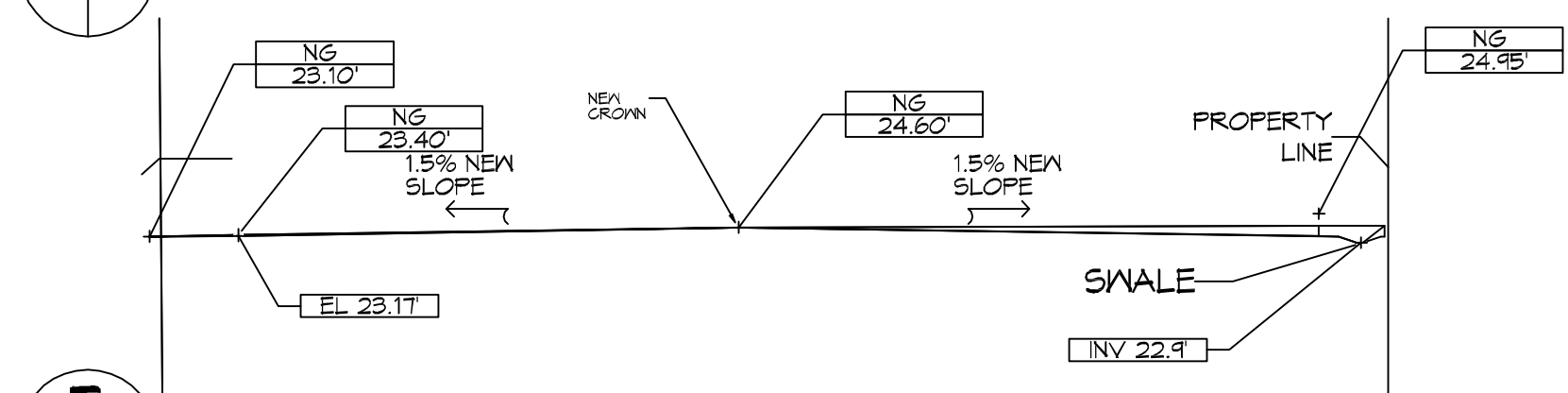


DRAINAGE PLAN
SCALE: 1" = 30'-0"

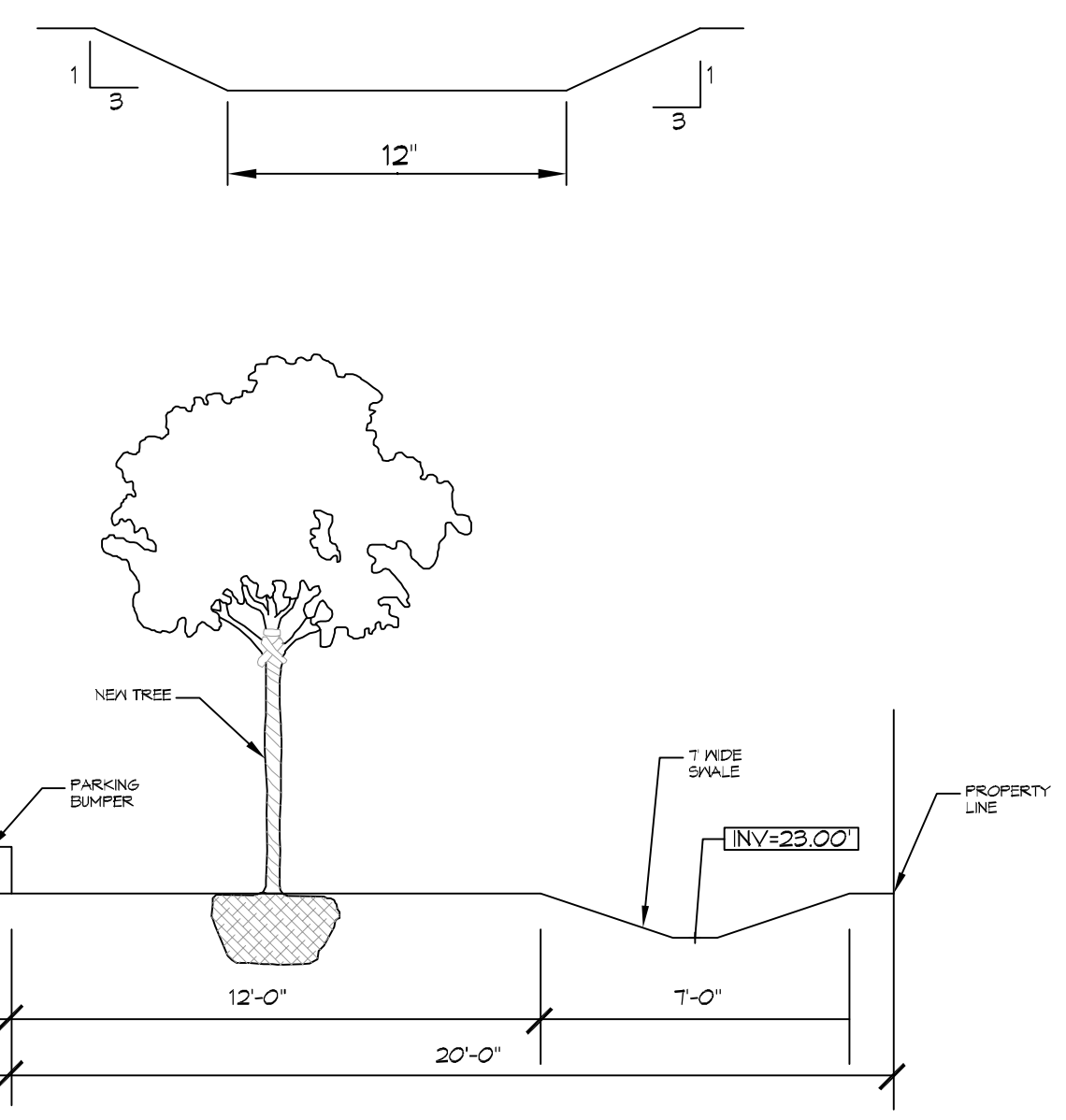
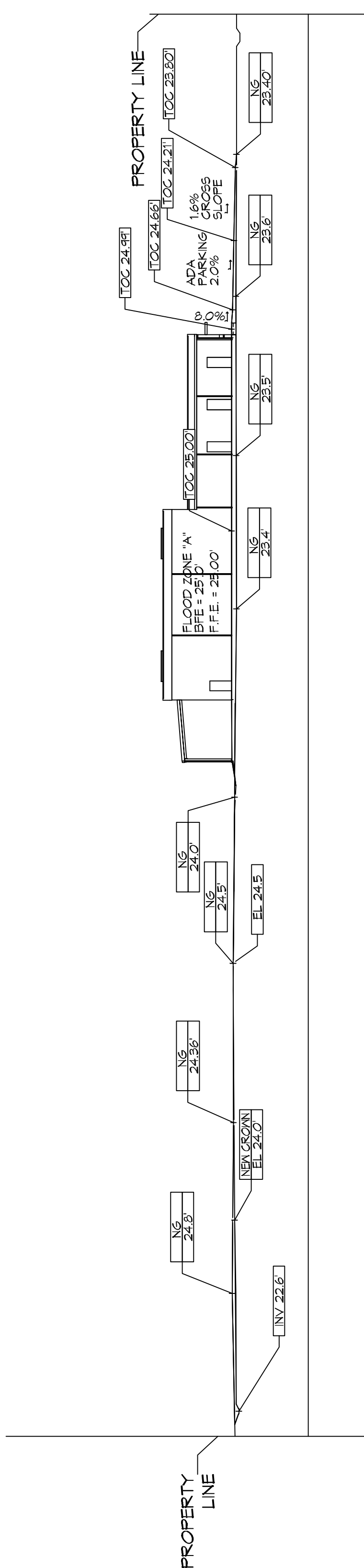


SECTION A
SCALE: 1" = 30'-0"



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.

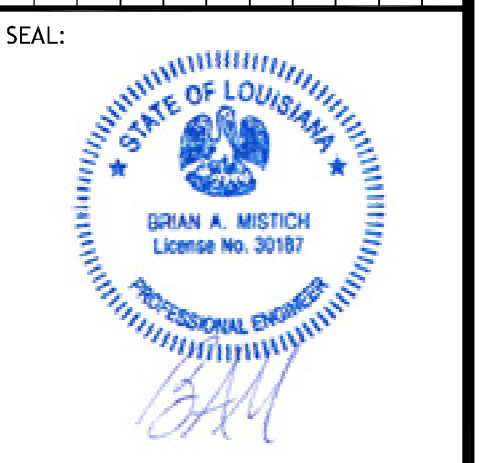
DRAINAGE LEGEND	
	TOP OF CONCRETE ELEVATION
	TOP OF GRATE ELEVATION
	INVERT OF PIPE ELEVATION
	CMP (CORRUGATED METAL PIPE) DRAINAGE OF FLOW ARROW. SEE PLAN FOR SIZE
	NEW ELEVATION
	NATURAL GRADE
	SLOPE

FLOOD ZONE	
ZONE 'A'	

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

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
554 Old Spanish Trail
Shreveport, LA 71208
PH: 781.697.1828

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
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	