

FILL CALCS
 14.05 s.f. (Section B) x 52.75' (Section A) = 3,906 c.f.
 36.95 s.f. (Section A) x 93.50' (Section B) = 3,399 c.f.
 Average Fill Calcs = 3,653 c.f.

RE-SHAPE EXISTING 25' SWALE
 3 sections of swale average 3.95 s.f. x 183 linear ft long
 Average Fill Calc for Swale = 723 c.f.

(NOTE: ALL SIDEWALKS and DRIVES ARE LEVEL WITH EXISTING GRADES)

Fill Total = 4,376 c.f.

SWALE BETWEEN BUILDING CUT CALCS
 AVERAGE AREA = 1.32 s.f. x 1.15 s.f. = 1.36 s.f.
 LENGTH OF SWALE = 183 ft
 Volume of SWALE CUT = 183 c.f.

RE-SHAPE EXISTING 25' SWALE CUT CALCS
 3 sections of swale average 4.95 s.f. x 183 linear ft long
 Average Fill Calc for Swale = 906 c.f.

WOODED AREA CUT CALCS
 Slope the first 2 feet of the perimeter of cut area with 1H:0.2V Slope
 The area to be cut has a cross section of 85.3 s.f. and width of 40.75' (minus 2 ft for slope), 85.3 s.f. x 38.75 ft = 3,305 c.f.

CUT Totals = 4,944 c.f.

GENERAL SITE DRAINAGE NOTES

- REMOVE DEBRIS AND CLEAN BOTTOM OF EXISTING SWELL.
- ALL ELEVATIONS SHOWN ARE M.S.L. AND ARE PLUS OR MINUS
- FIELD VERIFY ALL ELEVATIONS AND AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.

SITE DRAINAGE LEGEND

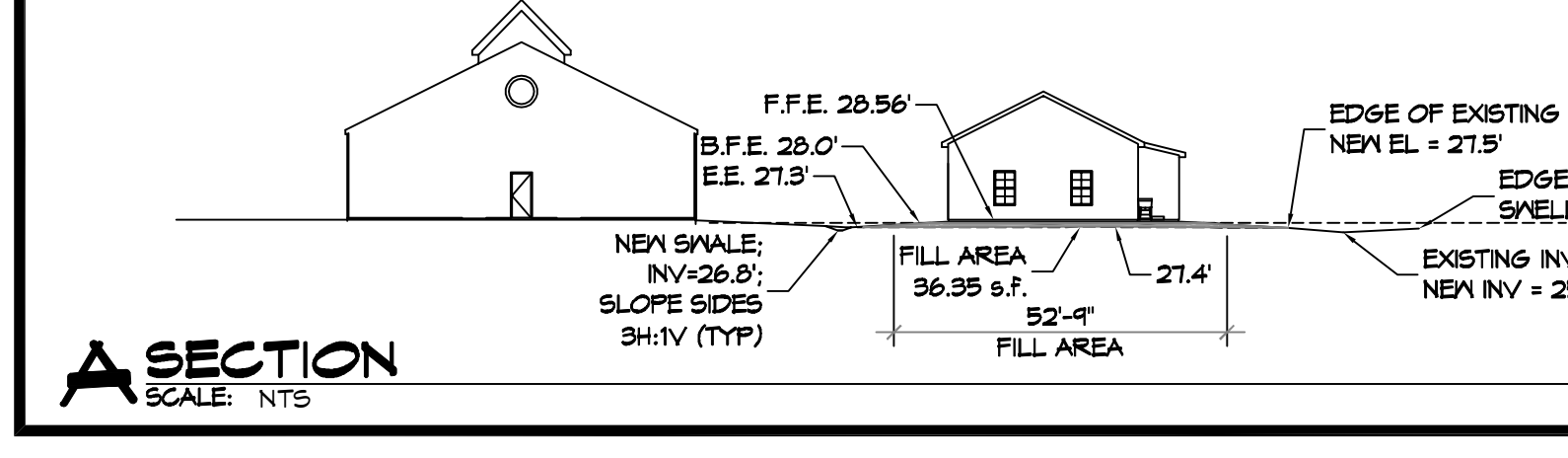
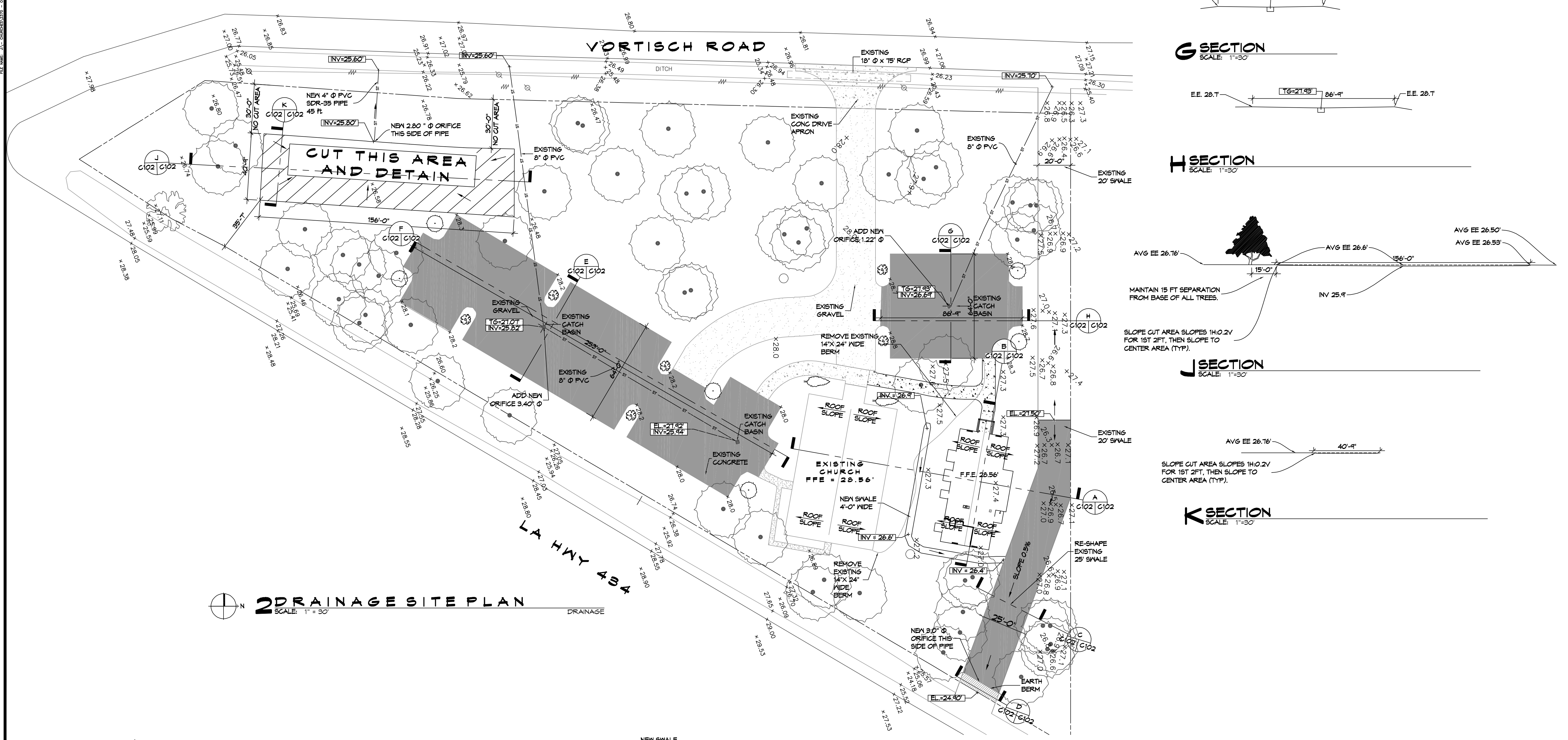
- TOP OF GRATE
- INVERT OF PIPE
- NEW SUBSURFACE DRAINAGE PIPE
- DRAINAGE FLOW DIRECTION ARROW
- AREA OF DETAINED RAINWATER

D SECTION
SCALE: NTS

E SECTION
SCALE: 1"=30'

4 DETAIL
SCALE: NTS

F SECTION
SCALE: 1"=30'



G SECTION
SCALE: 1"=30'

H SECTION
SCALE: 1"=30'

J SECTION
SCALE: 1"=30'

K SECTION
SCALE: 1"=30'

DAMMON

ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian Misch, PE
 554 Old Spanish Trail
 Slidell, LA 70458

REVISIONS	DATE	DESCRIPTION



MULTI PURPOSE BUILDING
 OUR LADY OF A
 LA
 66110 VORTISCH ROAD
 LACROSSE, LOUISIANA 70445

DATE: 08-11-2020
 DRAWN BY: CKD
 CHECKED BY: CKD

SHEET TITLE:
 SITE PLAN - DRAINAGE

DRAWING NUMBER:
C102

SHEET No: 4 of 12