



FILL CALC.
 FILL TOTAL = 4,376 C.F.
 (NOTE: ALL SIDEWALKS AND DRIVES ARE LEVEL WITH EXISTING GRADES.)
 Average Fill Calc for Swale = 173 C.F.
 3 SECTIONS OF SWALE AVERAGE 3.45 S.F. X 103 LINEAR FT LONG
 RE-SHAPE EXISTING 25\"/>

NO NET FILL CALCULATIONS
 CUT TOTALS = 4,392 C.F.
 WOODED AREA CUT CALC.
 The area to be cut is (130.7ft x 59.5ft) x 0.50 ft depth = 3,710 C.F.
 Average Fill Calc for Swale = 906 C.F.
 3 SECTIONS OF SWALE AVERAGE 4.45 S.F. X 103 LINEAR FT LONG
 RE-SHAPE EXISTING 25\"/>

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

AREA OF DETAINED RAINWATER

DRAINAGE FLOW DIRECTION ARROW

NEW SUBSURFACE DRAINAGE PIPE

INVERT OF PIPE

TOP OF GRADE

OUR LADY OF FATIMA
 6610 VORTISCH ROAD
 LA COMBE, LOUISIANA

Design Calculations - Modified Rational Method, LCOOT Hydraulic Manual
 Precipitation Conditions
 25 Year Frequency

Area	Use	Runoff Coefficient (C)	Area (A) [sq ft]	Area (A) [ac]
1	Roof	0.90	11,100	0.25
2	Driveway	0.85	1,100	0.03
3	Concrete Driveway	0.85	1,100	0.03
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