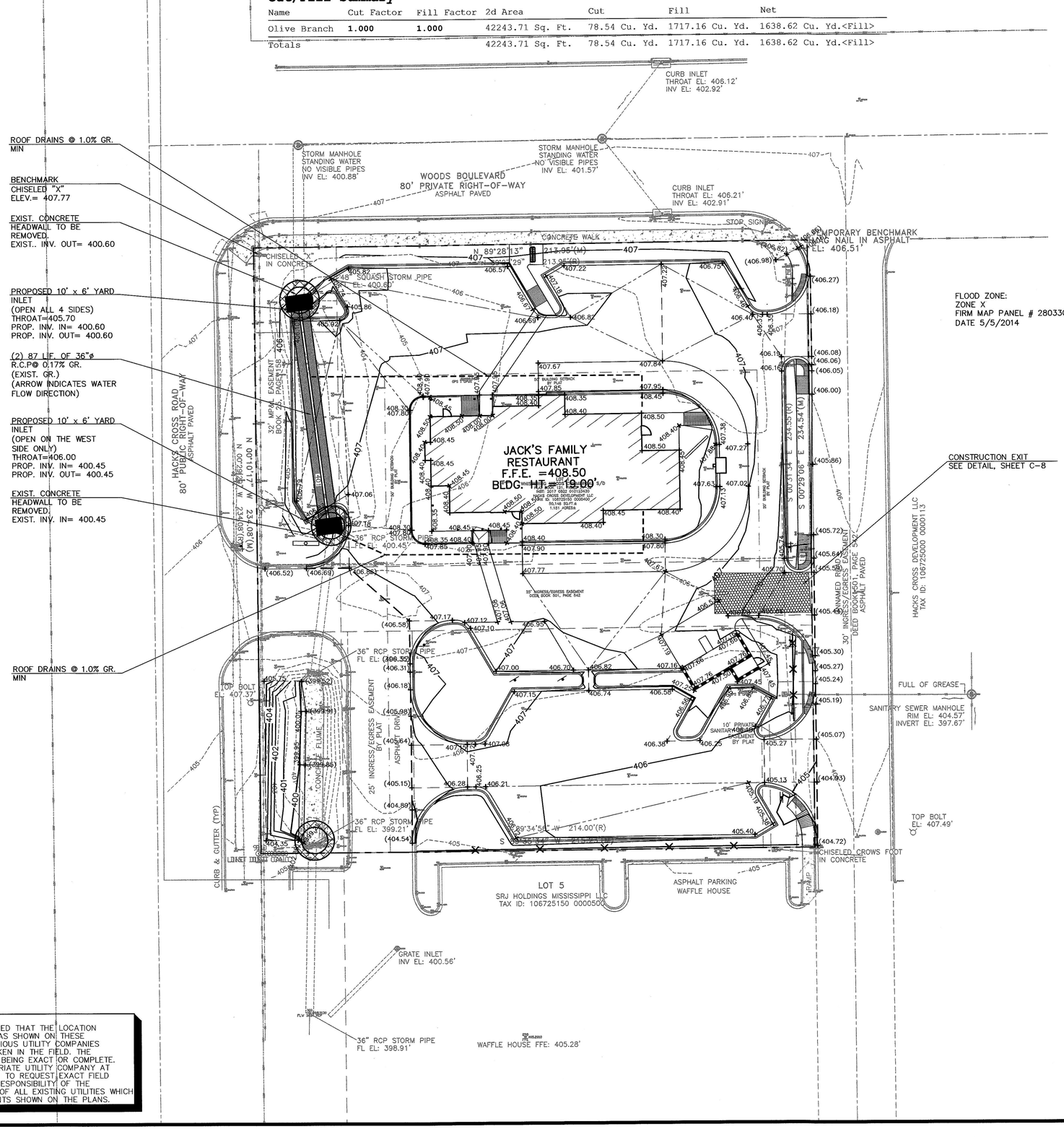
Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
Olive Branch	1.000	1.000	42243.71 Sq. Ft.	78.54 Cu. Yd.	1717.16 Cu. Yd.	1638.62 Cu. Yd.<Fill>
Totals			42243.71 Sq. Ft.	78.54 Cu. Yd.	1717.16 Cu. Yd.	1638.62 Cu. Yd.<Fill>



FLOOD ZONE:
ZONE X
FIRM MAP PANEL # 28033C0110H
DATE 5/5/2014

NOTE:
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE RELOCATION OF ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

N

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

LEGEND

- BUILDING
- CURB & GUTTER
- 405 — PROPOSED CONTOURS
- 406 — EXISTING CONTOURS
- 407.00 — PROPOSED SPOT ELEVATION
- (407.50) — EXISTING SPOT ELEVATION
- RIP-RAP
- YARD INLET
- WATTLE INLET PROTECTION
- WATTLE
- SILT FENCE

GRADING NOTES:

1. PRIOR TO COMMENCING CLEARING OR DEMOLITION OPERATIONS CONTRACTOR SHALL VERIFY WITH ENGINEER ALL ITEMS TO BE REMOVED OR TO REMAIN.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES ABOVE AND BELOW GROUND AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO BEGINNING WORK.
3. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANIES ON THE ADJUSTMENT AND/OR RELOCATION OF EXISTING UTILITIES AS SHOWN OR NOT SHOWN ON THE PLANS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS REQUIRED BY STATE AND LOCAL GOVERNMENTS FOR COMPLETING THE WORK INCLUDING BUT NOT LIMITED TO ADEM STORMWATER DISCHARGE PERMIT.
5. PROPOSED CONTOURS AND SPOT ELEVATIONS REPRESENT ENGINEER'S DETAILED GRADING PLAN DESIGN. IF DURING FIELD VERIFICATION CONTRACTOR DETECTS ANY CONFLICTS, ERRORS, AMBIGUITIES, OR DISCREPANCIES, CONTRACTOR SHALL NOTIFY ENGINEER PRIOR TO BEGINNING WORK.
6. GRADES SHOWN ON PLANS REPRESENT FINISHED GRADE UNLESS NOTED OTHERWISE.
7. ALL GRADED AREAS THAT WILL NOT RECEIVE PAVEMENT SHALL HAVE 4 INCHES OF TOPSOIL AND SHALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE SITEWORK SPECIFICATIONS IMMEDIATELY AFTER GRADING HAS BEEN COMPLETED.
8. TOPOGRAPHIC MAP PROVIDED BY ANDREW KRAMER LAND SURVEYING.
9. CONTRACTOR SHALL RELOCATE BENCHMARKS AS NECESSARY TO PERMIT NEW CONSTRUCTION.
10. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY AND/OR PERMANENT EROSION AND SEDIMENT CONTROL DEVICES DURING CONSTRUCTION OPERATIONS AS SHOWN ON THE PLANS AS A MINIMUM. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES MAY BE REQUIRED TO PREVENT SILT FROM LEAVING SITE.
11. EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED AFTER EACH RAIN EVENT AND SHALL BE REPAIRED OR REPLACED AS NECESSARY.
12. ALL SLOPES SHALL BE 3:1 UNLESS NOTED OTHERWISE.
13. ALL AREAS SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AND BE FREE OF PONDING AREAS.
14. ALL PIPES ENTERING SEWER STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION IS WATERTIGHT.
15. PIPE LENGTHS (L.F.) ARE MEASURED HORIZONTALLY FROM COORDINATE POINT TO COORDINATE POINT AND ROUNDED TO THE NEAREST FOOT. ACTUAL PIPE LENGTHS NECESSARY MAY VARY SLIGHTLY.
16. SEE DETAIL DRAWINGS FOR ACTUAL COORDINATE POINT LOCATIONS ON STORM SEWER STRUCTURES. COORDINATE POINTS ARE NOT NECESSARY AT CENTER OF STRUCTURE.
17. ALL STORM SEWER MANHOLES AND GRATES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING LIDS. ALL STORM SEWER MANHOLES IN UNPAVED AREAS SHALL BE 9" ABOVE FINISHED GRADE.
18. STORM SEWER PIPE SHALL BE R.C.P. CLASS III, 16 GAUGE ALUMINIZED TYPE II STEEL ULTRA-FLO PIPE, PVC (SDR 35) OR A-2000 (PLASTIC) UNLESS OTHERWISE INDICATED.

ST. JOHN & ASSOCIATES
25 YEARS PLANNING & DESIGN

NO.	DATE	DESCRIPTION	APPD BY
0	1/4/21	REVISED PER CITY OF OLIVE BRANCH	WGS
0	12/10/20	ISSUED FOR APPROVAL	WGS

REVISION

WILLIAM ST. JOHN LICENSED PROFESSIONAL ENGINEER 18630 1/4/21 STATE OF MISSISSIPPI

St. John & Associates, Inc.
Consulting Engineers and Planners
Cullman, Alabama
508 FIRST AVENUE S.E., CULLMAN, ALABAMA 35055 (256) 734-2114

DRAWN BY	DESIGNED BY	APPROVED BY
JDP	DAB	WGS
DATE	SCALE	
12/10/20	1" = 20'	

Jack's Family Restaurant
Site Development Plans
OLIVE BRANCH, MISSISSIPPI

GRADING, DRAINAGE, & EROSION CONTROL PLAN

JOB NO. 1331

SHEET C-4

REV. 1