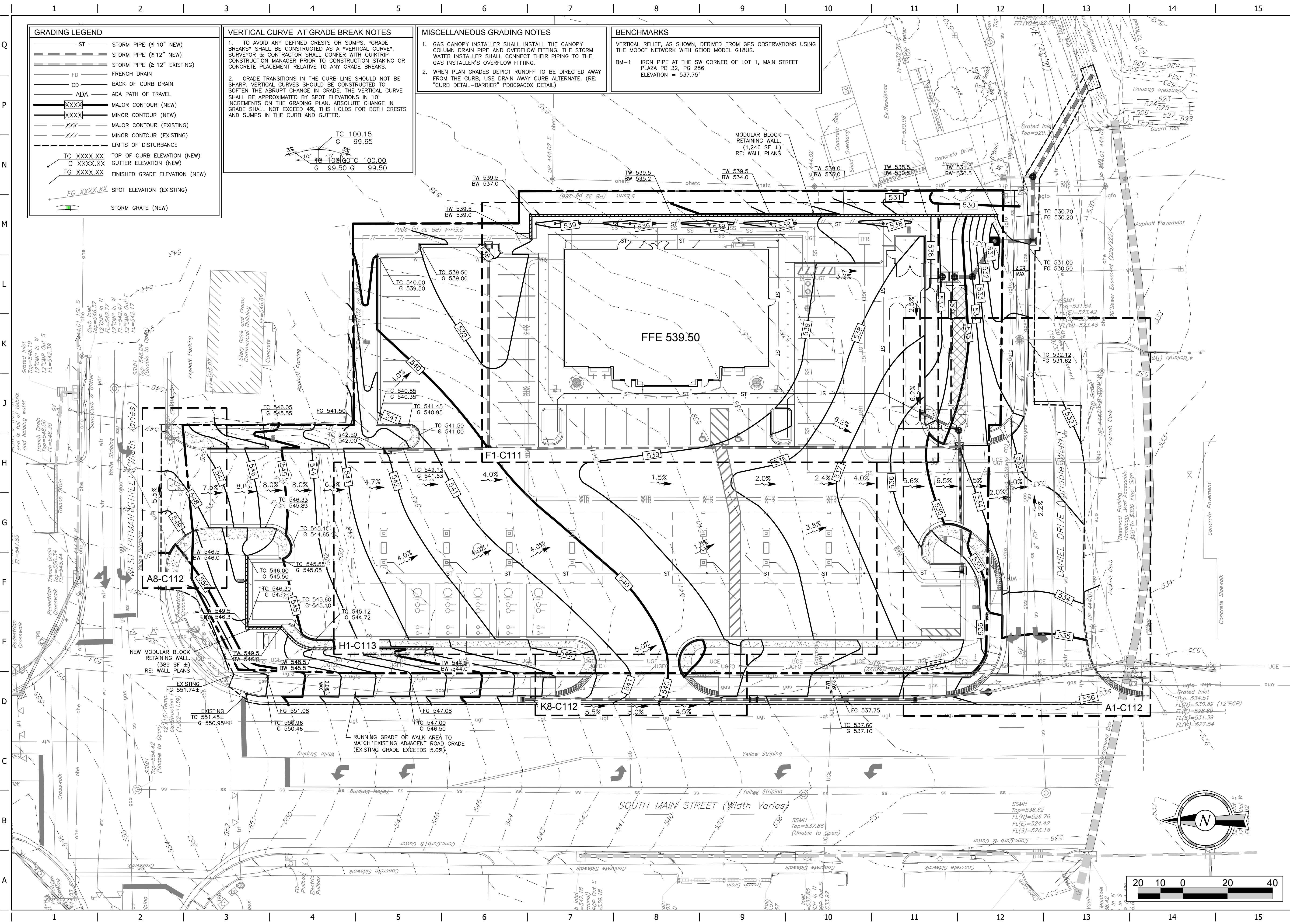




GRADING LEGEND

- ST STORM PIPE (≤ 10" NEW)
- STORM PIPE (≥ 12" NEW)
- STORM PIPE (≥ 12" EXISTING)
- FD FRENCH DRAIN
- CD BACK OF CURB DRAIN
- ADA ADA PATH OF TRAVEL
- XXXX MAJOR CONTOUR (NEW)
- XXXX MINOR CONTOUR (NEW)
- XXX MAJOR CONTOUR (EXISTING)
- XXX MINOR CONTOUR (EXISTING)
- XXX LIMITS OF DISTURBANCE
- TC XXXX.XX TOP OF CURB ELEVATION (NEW)
- G XXXX.XX GUTTER ELEVATION (NEW)
- FG XXXX.XX FINISHED GRADE ELEVATION (NEW)
- FG XXXX.XX SPOT ELEVATION (EXISTING)
- STORM GRATE (NEW)

VERTICAL CURVE AT GRADE BREAK NOTES

1. TO AVOID ANY DEFINED CRESTS OR SUMPS, "GRADE BREAKS" SHALL BE CONSTRUCTED AS A "VERTICAL CURVE". SURVEYOR & CONTRACTOR SHALL CONFER WITH QUIKTRIP CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION STAKING OR CONCRETE PLACEMENT RELATIVE TO ANY GRADE BREAKS.

2. GRADE TRANSITIONS IN THE CURB LINE SHOULD NOT BE SHARP. VERTICAL CURVES SHOULD BE CONSTRUCTED TO SOFTEN THE ABRUPT CHANGE IN GRADE. THE VERTICAL CURVE SHALL BE APPROXIMATED BY SPOT ELEVATIONS IN 10' INCREMENTS ON THE GRADING PLAN. ABSOLUTE CHANGE IN GRADE SHALL NOT EXCEED 4%. THIS HOLDS FOR BOTH CRESTS AND SUMPS IN THE CURB AND GUTTER.

TC 100.15
G 99.65
TC 100.00
G 99.50

MISCELLANEOUS GRADING NOTES

1. GAS CANOPY INSTALLER SHALL INSTALL THE CANOPY COLUMN DRAIN PIPE AND OVERFLOW FITTING. THE STORM WATER INSTALLER SHALL CONNECT THEIR PIPING TO THE GAS INSTALLER'S OVERFLOW FITTING.

2. WHEN PLAN GRADES DEPICT RUNOFF TO BE DIRECTED AWAY FROM THE CURB, USE DRAIN AWAY CURB ALTERNATE. (RE: "CURB DETAIL-BARRIER" P0009A00X DETAIL)

BENCHMARKS

VERTICAL RELIEF, AS SHOWN, DERIVED FROM GPS OBSERVATIONS USING THE MODOT NETWORK WITH GEIOD MODEL G18US.

BM-1 IRON PIPE AT THE SW CORNER OF LOT 1, MAIN STREET PLAZA PB 32, PG 286 ELEVATION = 537.75'

STATE OF MISSOURI
NATHAN JACOB COWAN
Professional Engineer
No. 000022092
Exp. 12/31/2025
Nathan J. Cowan, Civil Engineer
MO PE-2005022092
PROJECT NO.: R2385.28

CDI
CIVIL DESIGN, INC.
WBE | DBE
5220 Oakland Ave.
St. Louis, MO 63110
(314) 863-5570
Missouri State Certificate of Authority #2002006804

QuikTrip No. 0683
418 SOUTH MAIN STREET
OFALLON, MISSOURI

QT

© COPYRIGHT QUIKTRIP CORPORATION 2011
ANY UNAUTHORIZED USE, REPRODUCTION,
PUBLICATION, DISTRIBUTION, OR SALE IN
WHOLE OR IN PART, IS STRICTLY FORBIDDEN.

PROTOTYPE: P-120 (11/24/2024)
DIVISION:
VERSION: 001
DESIGNED BY:
DRAWN BY:
REVIEWED BY:

REV	DATE	DESCRIPTION

ORIGINAL ISSUE DATE:

SHEET TITLE:
GRADING PLAN

SHEET NUMBER:
C110