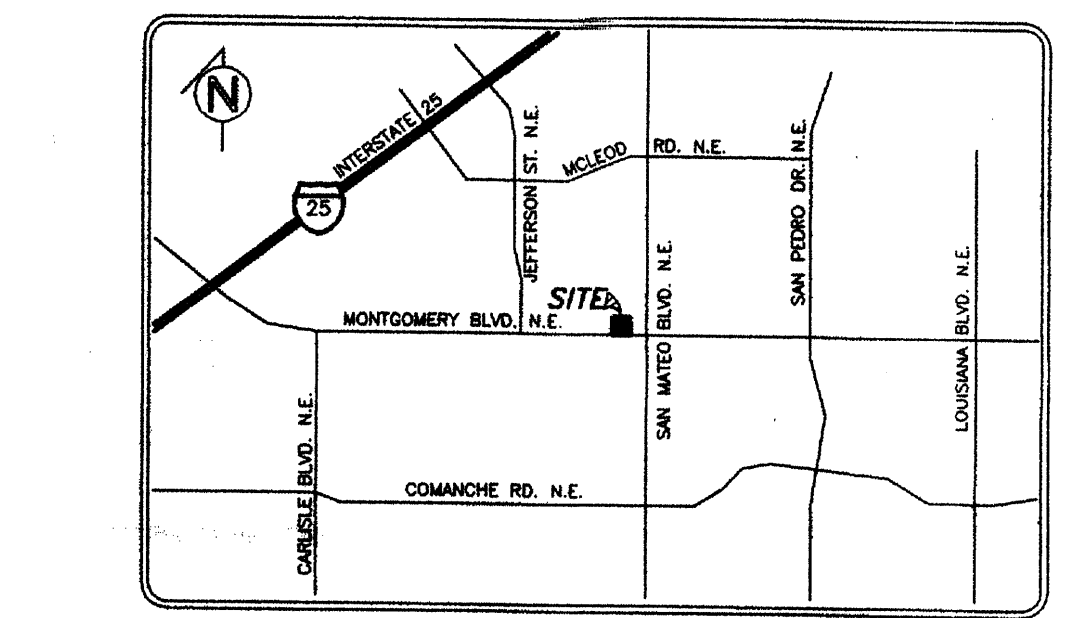


**TRAFFIC CERTIFICATION**

I, BRYAN M. BURGER, P.E., NMPE 16354, OF THE FIRM BURGER ENGINEERING, LLC, HEREBY CERTIFY THAT THIS PROJECT IS IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE DRB, AA OR TCL APPROVED PLAN DATED APRIL 7, 2011. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY RUSS HUBB OF THE FIRM SURVY TEK, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON JUNE 1, 2012 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR A CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE TRAFFIC ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

BRYAN M. BURGER, P.E.  
DATE: 6-5-12



VICINITY MAP  
NOT-TO-SCALE

- LAYOUT NOTES**
- PAINTED TRAFFIC ARROW
  - DRIVE THRU STRIPING
  - STOP BAR
  - PAINTED HANDICAP PARKING SYMBOL
  - PARKING STALLS / 4" PAINTED STRIPE
  - DIRECTIONAL SIGNAGE (OTHER THAN CHICK-FIL-A SIGNS)
  - CHICK-FIL-A MAIN ENTRY HANDICAP RAMP
  - CURBED RAMP
  - INTEGRAL CONCRETE CURB
  - CONCRETE WHEEL STOP
  - TYPICAL POLE BASE DETAIL (SEE SHEET ES)
  - DRIVE THRU PLAN VIEW
  - STEEL PIPE BOLLARD
  - DRIVE THRU ISOMETRIC VIEW
  - TYPICAL SIDEWALK DETAIL "A" - PICTURE FRAME PATTERN "B" - BROOM FINISH
  - SIDEWALK ADJACENT TO CURB
  - ASPHALT PAVEMENT SECTION
  - 6" CONCRETE PAVEMENT SECTION AT DRIVE-THRU (NOT USED)
  - SECTION THRU CONCRETE PAVEMENT AT DUMPSTER (NOT USED)
  - CONTRACTION JOINT (SEE SHEET C-7)
  - CONSTRUCTION JOINT (SEE SHEET C-7)
  - SEWER CLEANOUT (SEE SHEET PS-1)
  - MENU BOARD AND CANOPY ORDERING STATION
  - FLAGPOLE - EXC SERIES 50' POLE POG BY APPROVED VENDORS - THE FLAG CO. OR ATLAS FLAG
  - GREASE TRAP
  - TRANSFORMER
  - DUMPSTER/STORAGE AREA W/SCREENING TO MATCH BUILDING MATERIAL
  - CHICK-FIL-A PRIME SIGN (NOT USED)
  - CHICK-FIL-A ENTER SIGN
  - CHICK-FIL-A EXIT SIGN (NOT USED)
  - STRIPING
  - RECESSED FLARED HANDICAP RAMP
  - CONCRETE PAVEMENT
  - PRE-SELL MENU BOARD
  - CONCRETE RADIUS PROTECTION
  - CLEARANCE BAR (REF. SIGN PLAN)
  - MONOLITHIC CURB & GUTTER
  - MATCH EX. CURB & GUTTER
  - COLOR & PATTERNED CONCRETE PEDESTRIAN CROSSWALK
  - ALUMINUM HAND RAIL
  - NEW 6" SIDEWALK PER CITY DETAIL 2430 W/6" CURB PER CITY OF ALBUQUERQUE STANDARDS
  - BKE RACK INVERTED "U" STYLE, RED COLOR (3 EA.)
  - BENCH TO MATCH PATIO FURNITURE
  - BARRIER FREE RAMP W/ADA APPROVED TRUNCATED DOMES PER CITY OF ALBUQUERQUE STD. DWG. 2426
  - MASONRY SCREEN WALL WITH 1" LATTICE (REF. ARCH. PLANS DETAIL 6/A3.1)
  - LIGHT POLE
  - MASONRY SCREEN WALL WITHOUT LATTICE (REF. ARCH. PLANS DETAIL 6/A3.1)

- NOTES**
- ALL ON-SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT CHICK-FIL-A SPECIFICATIONS AND/OR CITY STANDARD SPECIFICATIONS, WHICHEVER IS MORE RESTRICTIVE.
  - ALL CONSTRUCTION IN CITY RIGHT-OF-WAYS AND/OR EASEMENT SHALL BE IN ACCORDANCE WITH THE CITY'S STANDARD SPECIFICATIONS.
  - PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS AS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
  - THE CONTRACTOR SHALL GIVE THE CITY A MINIMUM OF 48 HOURS NOTICE BEFORE BEGINNING EACH PHASE OF CONSTRUCTION.
  - THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT.
  - IF CONTRACTOR FINDS A DISCREPANCY WITH THE TOPOGRAPHIC INFORMATION ON THESE PLANS, HE/SHE MUST CONTACT THE CONSTRUCTION MANAGER/SUPERVISOR IMMEDIATELY.
  - ALL DIMENSIONS SHOWN ARE TO FACE OF CURB, BRICK, OR AS OTHERWISE NOTED.
  - REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
  - ALL RADII ARE 2' UNLESS OTHERWISE NOTED.
  - ALL PARKING STALLS SHALL BE STRIPED IN ACCORDANCE W/APPLICABLE GOVERNING AUTHORITIES.

**SITE DATA**

ZONING:	SU-1 C-2
LOT AREA:	1.0171 ACRES (44,306 S.F.)
BUILDING AREA:	4,287 S.F.
P.A.R.:	0.101
TOTAL SEATING:	120 SEATS
PARKING REQUIRED:	1 SPACE FOR EVERY 4 SEATS
	120/4 = 30 SPACES
PARKING PROVIDED:	41 SPACES (2 H.C.)
BUILDING HEIGHT:	25' (1 STORY)
EXISTING LANDSCAPE:	2,763 S.F. (6.24%)
INTERIOR LANDSCAPE PROVIDED:	8,825 S.F. (19.92%)

**APPLICANT:**  
CHICK-FIL-A, INC.  
5200 BUFFINGTON ROAD  
ATLANTA, GEORGIA, 30349  
PHONE: (404) 765-8000  
CONTACT: STEVE LEWIS

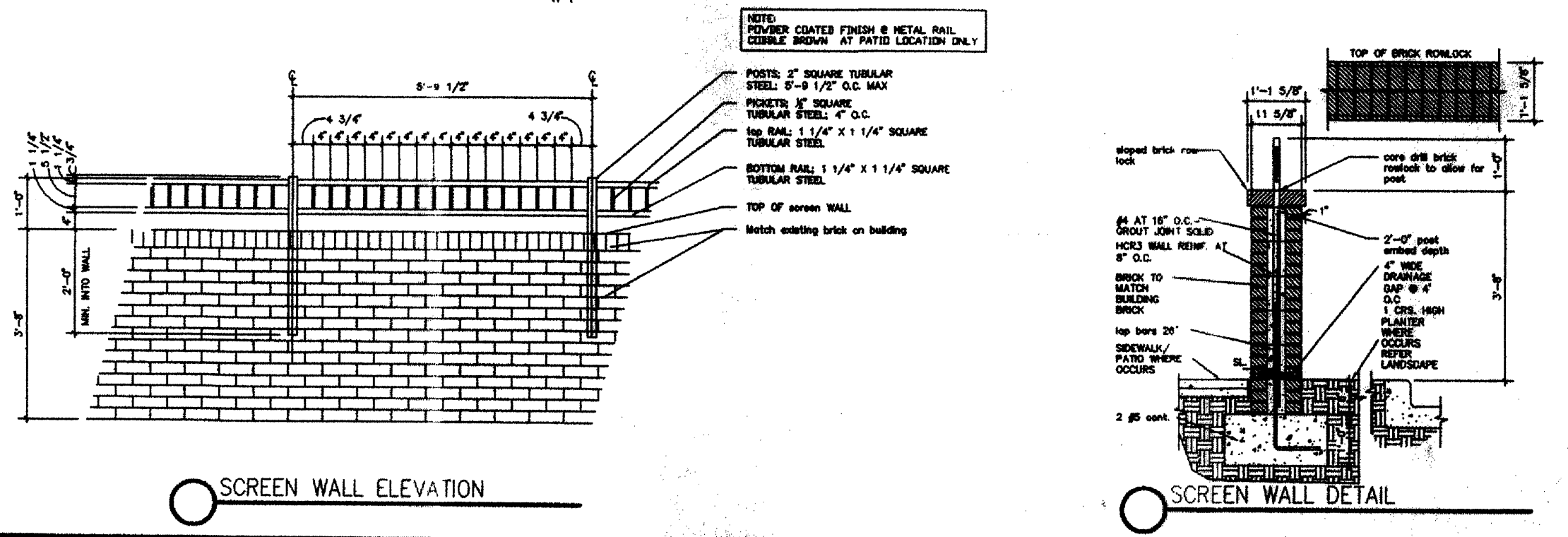
**ENGINEER:**  
BURGER ENGINEERING, LLC  
17103 PRESTON ROAD, SUITE 180N  
DALLAS, TEXAS 75248  
PHONE: (972) 630-3360  
CONTACT: BRYAN M. BURGER, P.E.

2 SITE LIGHTING POLE DETAIL  
NOT TO SCALE

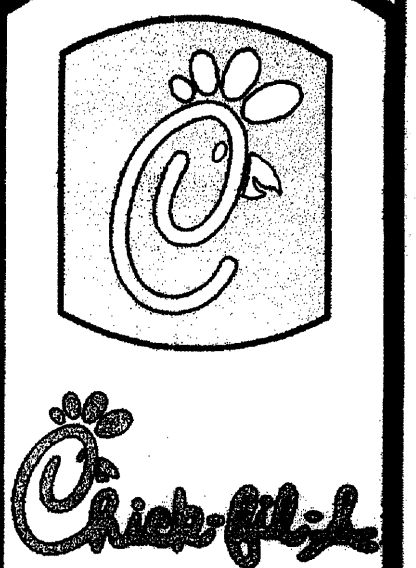


Albuquerque Control Survey Monument "9-F18"  
New Mexico State Plane Coordinates  
(Central Zone - NAD 83) as published  
North= 1,504,358.281 feet  
East= 1,539,870.687 feet  
Elevation= 5212.228 feet (NAVD 1988)  
Delta Alpha= -00°11'36.74"  
Ground to Grid Factor= 0.999666141

# MONTGOMERY BOULEVARD N.E.



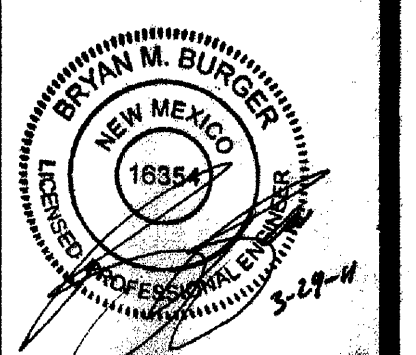
**ADMINISTRATIVE AMENDMENT**  
FILE #11/12006 PROJECT #1000736  
& SITE PLAN FOR SUBDIVISION  
4300th Drive Thru restaurant  
and site plan for subd.  
Merrill  
4/7/11  
APPROVED BY DATE



5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

**Revisions:**

Mark	Date	By
△		
△		
△		
△		



**PART OF TRACT D-1**  
**MONTGOMERY PLAZA**  
**5031 MONTGOMERY BOULEVARD, NE**  
**CITY OF ALBUQUERQUE, NEW MEXICO**

STORE  
SERIES  
S08E-R

SHEET TITLE  
**SITE PLAN**

☑ Preliminary  
☐ 80% Submittal  
☐ For Construction

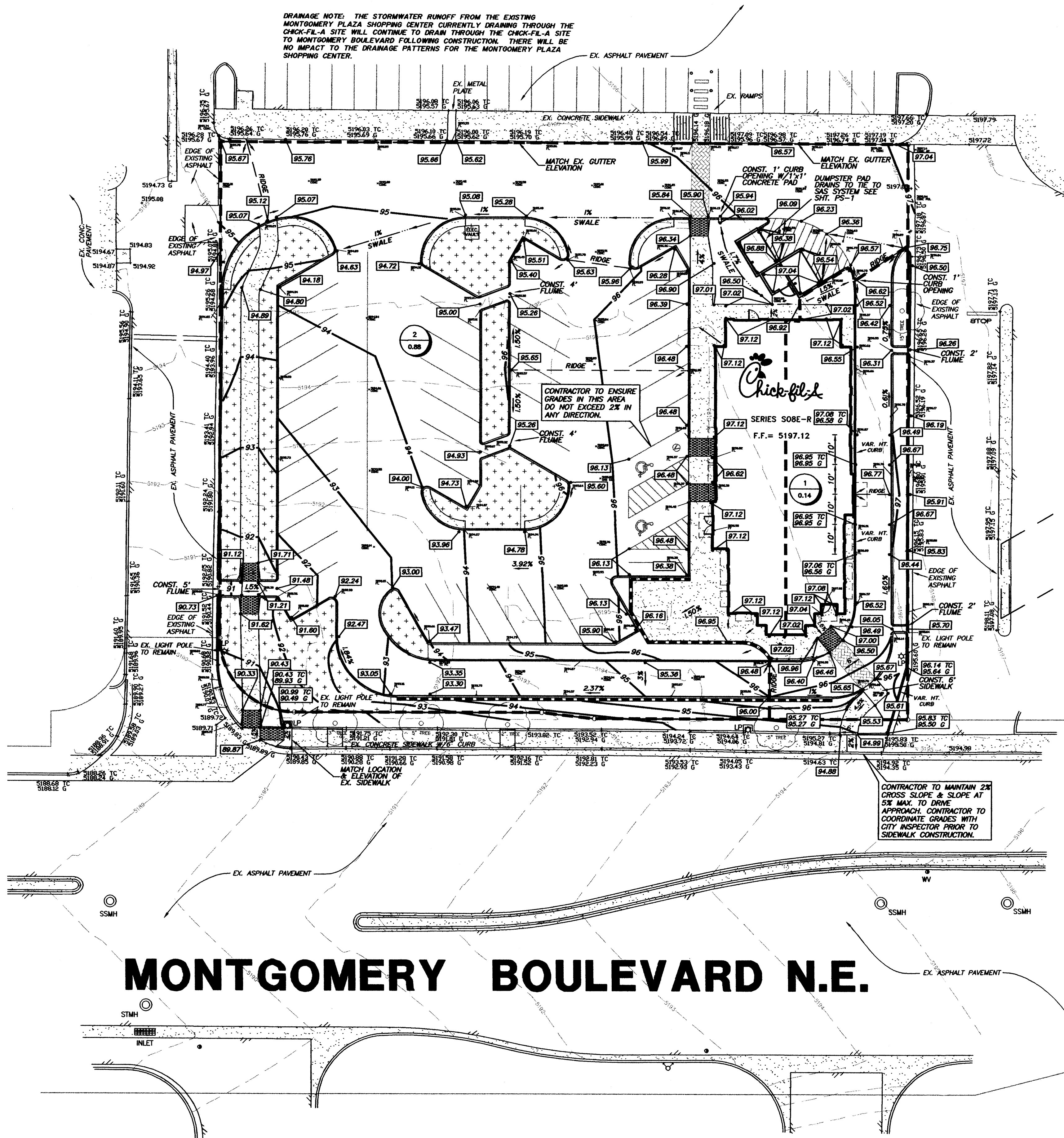
Job No. : 013-007  
Store : 2793  
Date : 11/18/10  
Drawn By : JAC  
Checked By: BMB

Sheet  
**C-3**

**BURGER ENGINEERING**  
Civil Consultants

17103 Preston Road, Suite 180N  
Dallas, Texas 75248  
Office: 972.630.3360 Fax: 972.630.3380





# LEGEND

- EXIST. CONTOUR
- PROP. CONTOUR
- EXIST. SPOT ELEV.
- PROP. PAVEMENT SPOT ELEV.
- PROP. TOP OF CURB & GUTTER ELEVATION
- ACCESSIBLE SPACE
- VAN ACCESSIBLE PARKING SPACE
- DRAINAGE AREA NUMBER
- ACRES
- DRAINAGE DIVIDE
- CONTRACTOR TO LEAVE LANDSCAPE AREAS DEPRESSED TO CAPTURE RAINWATER (TYP.)
- AS-BUILT ELEVATION BY SURV TEK, INC. DATED JUNE 4, 2012

0 10' 20' 40'  
SCALE = 1:20

## GRADING NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND CITY STANDARDS AND SPECIFICATIONS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- BARRICADE, TRAFFIC CONTROL, AND PROJECT SIGN SHALL CONFORM TO "STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION BARRICADE AND CONSTRUCTION STANDARDS" AND CITY SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES. MINOR ADJUSTMENT TO FINISH GRADE TO ACCOMPLISH SPOT DRAINAGE IS ACCEPTABLE, IF NECESSARY, UPON PRIOR APPROVAL OF THE ENGINEER. PAVING INSTALLED SHALL "FLUSH OUT" AT ANY JUNCTURE WITH EXISTING PAVING.
- ALL PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.
- REFER TO SITE PLAN FOR HORIZONTAL DIMENSIONS.
- SITE PREPARATION AND GRADING, FOUNDATION EXCAVATION AND FILL COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATIONS PRIOR TO CONSTRUCTION.
- GRATE INLETS TO BE PRECAST, SINGLE GRATE INLET MANUFACTURED BY BROOKS PRODUCTS INC. (P-87-467-2783) WITH TRAFFIC BEARING GRATE, OR APPROVED EQUAL.
- CONTRACTOR TO ENSURE GRADES IN ACCESSIBLE ROUTE DO NOT EXCEED 5% IN THE RUN DIRECTION W/ A 2% CROSS SLOPE.
- UNLESS OTHERWISE NOTED, ALL PARKING LOT GRADES ARE TO GUTTER OR INVERT. ADD 0.5' TO GUTTER GRADE FOR TOP OF CURB GRADE.

## CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT.
- INSTALL ALL EROSION CONTROL MEASURES AND DEVICES THAT CAN BE INSTALLED PRIOR TO SITE CLEARING.
- CLEAR SITE.
- INSTALL ANY REMAINING CONTROL MEASURES AND DEVICES THAT COULD NOT BE INSTALLED PRIOR TO SITE CLEARING.
- GRADE SITE.
- INSTALL ALL UNDERGROUND UTILITIES. INSTALL EROSION CONTROL AROUND CATCH BASINS AND INLETS.
- INSTALL PAVEMENT.
- INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES UNTIL ALL DISTURBED OFF-SITE, ON-SITE AREAS HAVE BEEN HYDROMORPHIC OR SODDED (IN ACCORDANCE WITH THE LANDSCAPE PLAN) AND A MOWABLE STAND OF GRASS IS ACHIEVED.

## HYDRAULIC DATA

$$Q = C \times I \times A$$

D.A. No.	AREA (acres)	Tc (min.)	C (runoff)	I <sub>100</sub> (in/hr)	Q <sub>100</sub> (cfs)	REMARKS
1	0.14	10	0.86	4.70	0.56	SHEET FLOW TO EAST ACCESS DRIVE TO MONTGOMERY BLVD.
2	0.88	10	0.86	4.70	3.56	SHEET FLOW TO WEST ACCESS DRIVE TO MONTGOMERY BLVD.

## DRAINAGE CERTIFICATION

I, BRYAN M. BURGER, NMPE 16354, OF THE FIRM BURGER ENGINEERING, LLC, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED JUNE 4, 2012. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY RUSS HUGO NMPS 9750, OF THE FIRM SURV TEK, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON JUNE 1, 2012 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR A CERTIFICATE OF OCCUPANCY.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

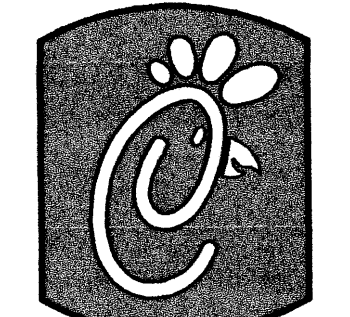
BRYAN M. BURGER, P.E., NMPE 16354  
JUNE 5, 2012  
DATE



Albuquerque Control Survey Monument "9-F18"  
New Mexico State Plane Coordinates  
(Central Zone NAD 83) as published  
North= 1,504,358.281 feet  
East= 1,539,870.687 feet  
Elevation= 5212.228 feet (NAVD 1988)  
Delta Alpha= -0071'36.74"  
Ground to Grid Factor= 0.999666141

**BURGER ENGINEERING**  
Civil Consultants

17103 Preston Road, Suite 180N  
Dallas, Texas 75248  
Office: 972.630.3360 Fax: 972.630.3380



5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

## Revisions:

Mark Date By

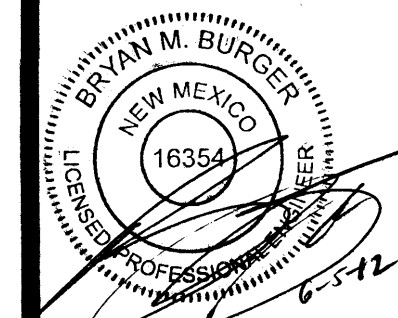
△

Mark Date By

△

Mark Date By

△



PART OF TRACT D-1  
MONTGOMERY PLAZA  
5031 MONTGOMERY BOULEVARD, NE  
CITY OF ALBUQUERQUE, NEW MEXICO

STORE  
SERIES  
S08E-R

## SHEET TITLE

**GRADING & DRAINAGE PLAN**

☒ Preliminary  
☐ 80% Submittal  
☐ For Construction

Job No. : 013-007

Store : 2793

Date : 11/18/10

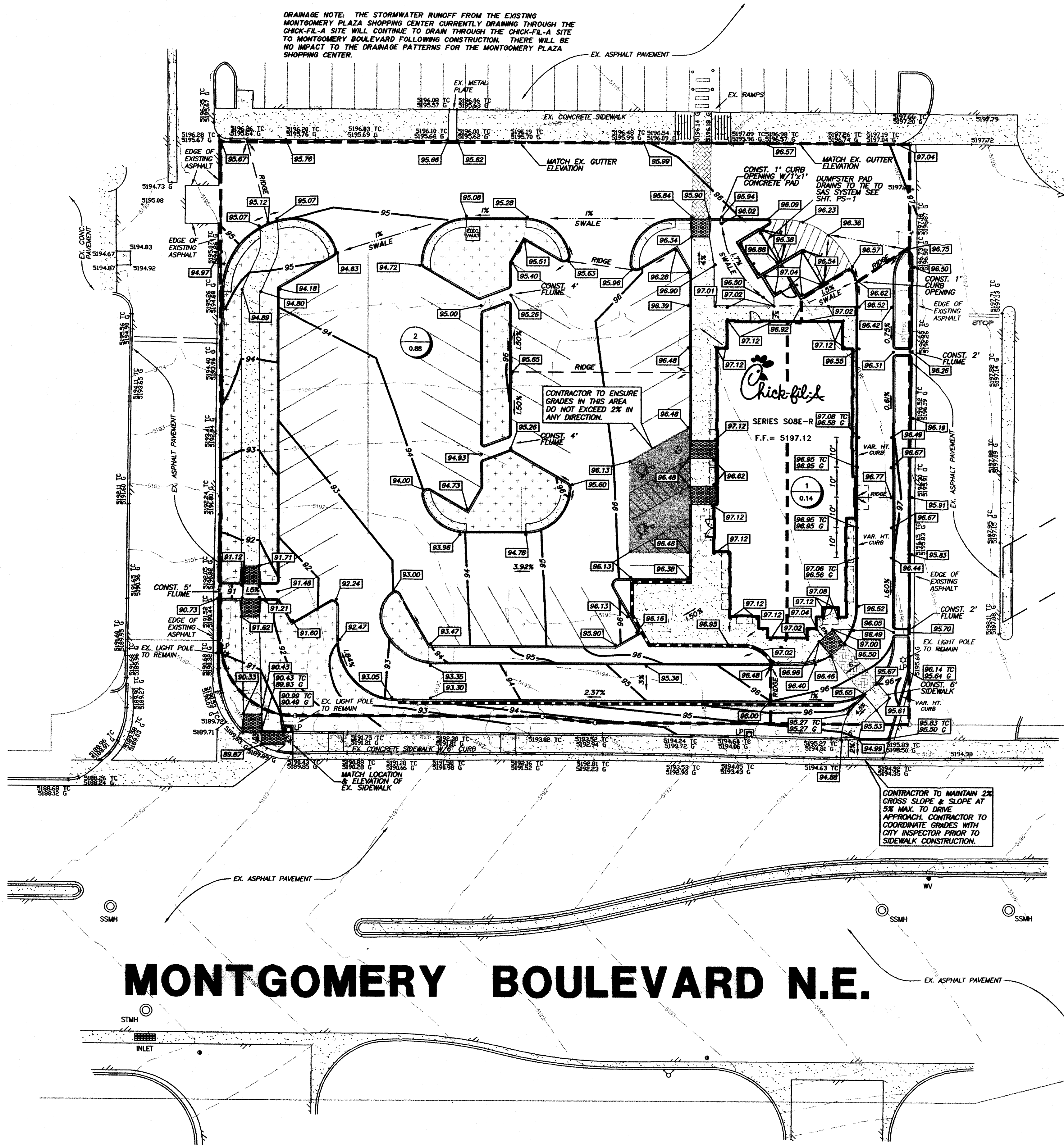
Drawn By : JAC

Checked By: BMB

Sheet

**C-4**





**DRAINAGE NARRATIVE:** THE EXISTING RESTAURANT CURRENTLY LOCATED ON THE SITE WILL BE COMPLETELY DEMOLISHED AND REMOVED PRIOR TO THE CONSTRUCTION BEGINNING FOR THE NEW CHICK-FIL-A. ALL EXISTING DRAINAGE PATTERNS WILL BE MAINTAINED FOR THE MONTGOMERY PLAZA SHOPPING CENTER. THE SITE CURRENTLY DRAINS SOUTH TO MONTGOMERY BOULEVARD VIA THE TWO EXISTING ACCESS DRIVES. THE CHICK-FIL-A SITE WILL CONTINUE TO SHEET DRAIN TO MONTGOMERY BOULEVARD VIA THE TWO EXISTING ACCESS DRIVES AS WELL AS MAINTAINING THE CURRENT DRAINAGE PATTERNS FOR THE EXISTING MONTGOMERY PLAZA SHOPPING CENTER.

# LEGEND

- 89.6 — EXIST. CONTOUR
- 87 — PROP. CONTOUR
- x 136.50 EXIST. SPOT ELEV.
- 86.35 PROP. PAVEMENT SPOT ELEV.
- 86.25 TO 85.75 G PROP. TOP OF CURB & GUTTER ELEVATION
- ACCESSIBLE SPACE
- VAN ACCESSIBLE PARKING SPACE
- 8 AC DRAINAGE AREA NUMBER
- AC ACRES
- — DRAINAGE DIVIDE
- CONTRACTOR TO LEAVE LANDSCAPE AREAS DEPRESSED TO CAPTURE RAINWATER. (TYP.)

0 10' 20' 40'  
SCALE = 1:20

## GRADING NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND CITY STANDARDS AND SPECIFICATIONS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- BARRICADES, TRAFFIC CONTROL, AND PROJECT SIGN SHALL CONFORM TO "STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION BARRICADES AND CONSTRUCTION STANDARDS" AND CITY SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY THE SUTABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES. MINOR ADJUSTMENT TO FINISH GRADE TO ACCOMPLISH SPOT DRAINAGE IS ACCEPTABLE, IF NECESSARY, UPON PRIOR APPROVAL OF THE ENGINEER. PAVING INSTALLED SHALL "FLUSH OUT" AT ANY JUNCTURE WITH EXISTING PAVING.
- ALL PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.
- REFER TO SITE PLAN FOR HORIZONTAL DIMENSIONS.
- SITE PREPARATION AND GRADING, FOUNDATION EXCAVATION AND FILL COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATIONS PRIOR TO CONSTRUCTION.
- GRATE INLETS TO BE PRECAST, SINGLE GRATE INLET MANUFACTURED BY BROOKS PRODUCTS INC. (1-87-467-2783) WITH TRAFFIC BEARING GRATE, OR APPROVED EQUAL.
- CONTRACTOR TO ENSURE GRADES IN ACCESSIBLE ROUTE DO NOT EXCEED 5% IN THE RUN DIRECTION W/ A 2% CROSS SLOPE.
- UNLESS OTHERWISE NOTED, ALL PARKING LOT GRADES ARE TO GUTTER OR INVERT. ADD 0.5' TO GUTTER GRADE FOR TOP OF CURB GRADE.

## CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT.
- INSTALL ALL EROSION CONTROL MEASURES AND DEVICES THAT CAN BE INSTALLED PRIOR TO SITE CLEARING.
- CLEAR SITE.
- INSTALL ANY REMAINING CONTROL MEASURES AND DEVICES THAT COULD NOT BE INSTALLED PRIOR TO SITE CLEARING.
- GRADE SITE.
- INSTALL ALL UNDERGROUND UTILITIES. INSTALL EROSION CONTROL AROUND CATCH BASINS AND INLETS.
- INSTALL PAVEMENT.
- INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES UNTIL ALL DISTURBED OFFSITE & ONSITE AREAS HAVE BEEN HYDROMULCHED OR SODED IN ACCORDANCE WITH THE LANDSCAPE PLAN AND A MOWABLE STAND OF GRASS IS ACHIEVED.

## HYDRAULIC DATA

$$Q = C \times I \times A$$

D.A. No.	AREA (acres)	Tc (min.)	C (runoff)	I <sub>100</sub> (in/hr)	Q <sub>100</sub> (cfs)	REMARKS
1	0.14	10	0.86	4.70	0.56	SHEET FLOW TO EAST ACCESS DRIVE TO MONTGOMERY BLVD.
2	0.88	10	0.86	4.70	3.56	SHEET FLOW TO WEST ACCESS DRIVE TO MONTGOMERY BLVD.



Albuquerque Control Survey Monument "9-F18"  
New Mexico State Plane Coordinates  
(Central Zone - NAD 83) as published  
North= 1,504,358.281 feet  
East= 1,539,870.687 feet  
Elevation= 5212.228 feet (NAVD 1988)  
Delta Alpha= -00°11'36.74"  
Ground to Grid Factor= 0.999666141

**BURGER**  
ENGINEERING  
Civil Consultants

17103 Preston Road, Suite 180N  
Dallas, Texas 75248  
Office: 972.630.3360 Fax: 972.630.3380



5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

## Revisions:

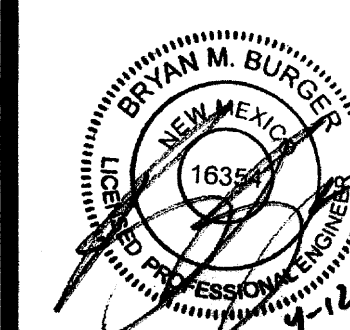
Mark Date By



Mark Date By



Mark Date By



PART OF TRACT D-1  
MONTGOMERY PLAZA  
5031 MONTGOMERY BOULEVARD, NE  
CITY OF ALBUQUERQUE, NEW MEXICO

STORE

SERIES

S08E-R

SHEET TITLE

**GRADING &  
DRAINAGE  
PLAN**

☒ Preliminary

☐ 80% Submittal

☐ For Construction

Job No. : 013-007

Store : 2793

Date : 11/18/10

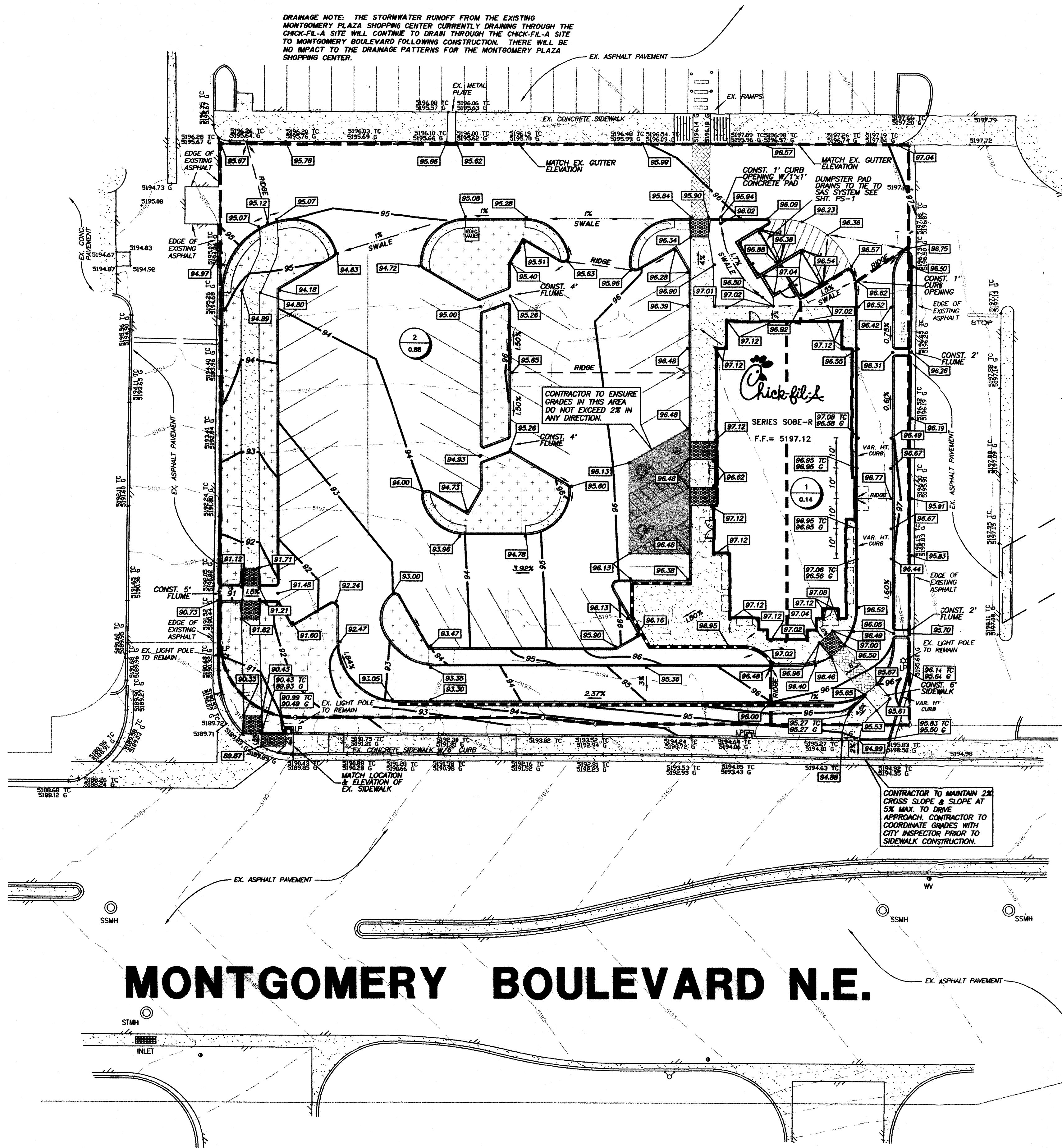
Drawn By : JAC

Checked By: BMB

Sheet

**C-4**





# LEGEND

- 696 — EXIST. CONTOUR
- 87 — PROP. CONTOUR
- x1366.80 EXIST. SPOT ELEV.
- 86.35 PROP. PAVEMENT SPOT ELEV.
- 84.25 TO 85.75 C PROP. TOP OF CURB & GUTTER ELEVATION
- ⊕ ACCESSIBLE SPACE
- ⊕ VAN ACCESSIBLE PARKING SPACE
- ⊕ DRAINAGE AREA NUMBER
- AC ACRES
- — DRAINAGE DIVIDE
- CONTRACTOR TO LEAVE LANDSCAPE AREAS DEPRESSED TO CAPTURE RAINWATER. (TYP.)

0 10' 20' 40'  
SCALE = 1:20

## GRADING NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND CITY STANDARDS AND SPECIFICATIONS.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
3. BARRICADES, TRAFFIC CONTROL, AND PROJECT SIGN SHALL CONFORM TO "STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION BARRICADES AND CONSTRUCTION STANDARDS" AND CITY SPECIFICATIONS.
4. THE CONTRACTOR SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES. MINOR ADJUSTMENT TO FINISH GRADE TO ACCOMPLISH SPOT DRAINAGE IS ACCEPTABLE. IF NECESSARY, UPON PRIOR APPROVAL OF THE ENGINEER, PAVING INSTALLED SHALL "FLUSH OUT" AT ANY JUNCTURE WITH EXISTING PAVING.
5. ALL PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.
6. REFER TO SITE PLAN FOR HORIZONTAL DIMENSIONS.
7. SITE PREPARATION AND GRADING, FOUNDATION EXCAVATION AND FILL COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT.
9. THE CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATIONS PRIOR TO CONSTRUCTION.
10. GRATE INLETS TO BE PRECAST, SINGLE GRATE INLET MANUFACTURED BY BROOKS PRODUCTS INC. (8-87-467-2783) WITH TRAFFIC BEARING GRATE, OR APPROVED EQUAL.
11. CONTRACTOR TO ENSURE GRADES IN ACCESSIBLE ROUTE DO NOT EXCEED 5% IN THE RUN DIRECTION W/ A 2% CROSS SLOPE.
12. UNLESS OTHERWISE NOTED, ALL PARKING LOT GRADES ARE TO GUTTER OR INVERT. ADD 0.5' TO GUTTER GRADE FOR TOP OF CURB GRADE.

## CONSTRUCTION SEQUENCE

1. OBTAIN GRADING PERMIT.
2. INSTALL ALL EROSION CONTROL MEASURES AND DEVICES THAT CAN BE INSTALLED PRIOR TO SITE CLEARING.
3. CLEAR SITE.
4. INSTALL ANY REMAINING CONTROL MEASURES AND DEVICES THAT COULD NOT BE INSTALLED PRIOR TO SITE CLEARING.
5. GRADE SITE.
6. INSTALL ALL UNDERGROUND UTILITIES. INSTALL EROSION CONTROL AROUND CATCH BASINS AND INLETS.
7. INSTALL PAVEMENT.
8. INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES UNTIL ALL DISTURBED OFFSITE & ONSITE AREAS HAVE BEEN HYDROMULCHED OR SOODED IN ACCORDANCE WITH THE LANDSCAPE PLAN AND A MOVABLE STAND OF GRASS IS ACHIEVED.

## HYDRAULIC DATA

$$Q = C \times I \times A$$

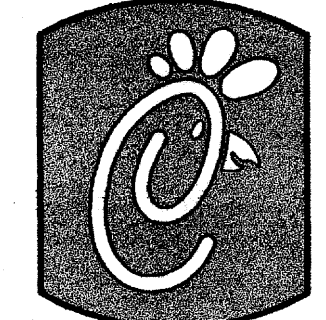
D.A. No.	AREA (acres)	Tc (min.)	C (runoff)	I <sub>100</sub> (in/hr)	Q <sub>100</sub> (cfs)	REMARKS
1	0.14	10	0.86	4.70	0.56	SHEET FLOW TO EAST ACCESS DRIVE TO MONTGOMERY BLVD.
2	0.88	10	0.86	4.70	3.56	SHEET FLOW TO WEST ACCESS DRIVE TO MONTGOMERY BLVD.



Albuquerque Control Survey Monument "9-F18"  
New Mexico State Plane Coordinates  
(Central Zone - NAD 83) as published  
North= 1,504,358.281 feet  
East= 1,539,870.687 feet  
Elevation= 5212.228 feet (NAVD 1988)  
Delta Alpha= -00°11'36.74"  
Ground to Grid Factor= 0.999666141

**BURGER**  
ENGINEERING  
Civil Consultants

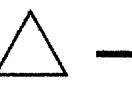
17103 Preston Road, Suite 180N  
Dallas, Texas 75248  
Office: 972.630.3360 Fax: 972.630.3380



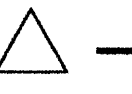
5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

## Revisions:

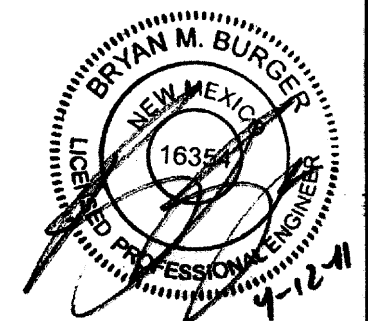
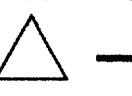
Mark Date By



Mark Date By



Mark Date By



PART OF TRACT D-1  
MONTGOMERY PLAZA  
5031 MONTGOMERY BOULEVARD, NE  
CITY OF ALBUQUERQUE, NEW MEXICO

## STORE

SERIES  
S08E-R

## SHEET TITLE

**GRADING &  
DRAINAGE  
PLAN**

☒ Preliminary  
☐ 80% Submittal  
☐ For Construction

Job No. : 013-007

Store : 2793

Date : 11/18/10

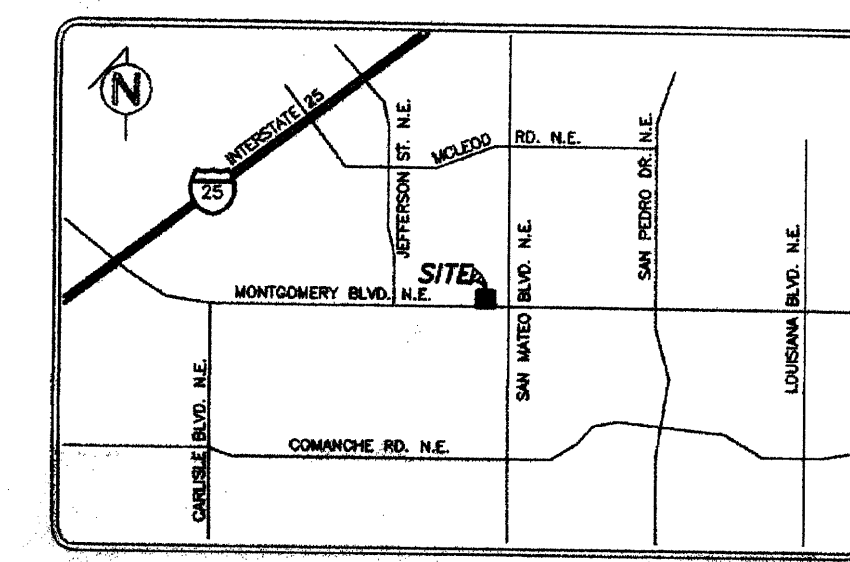
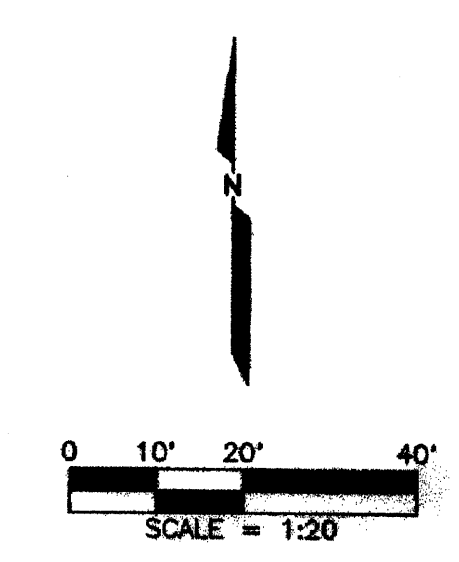
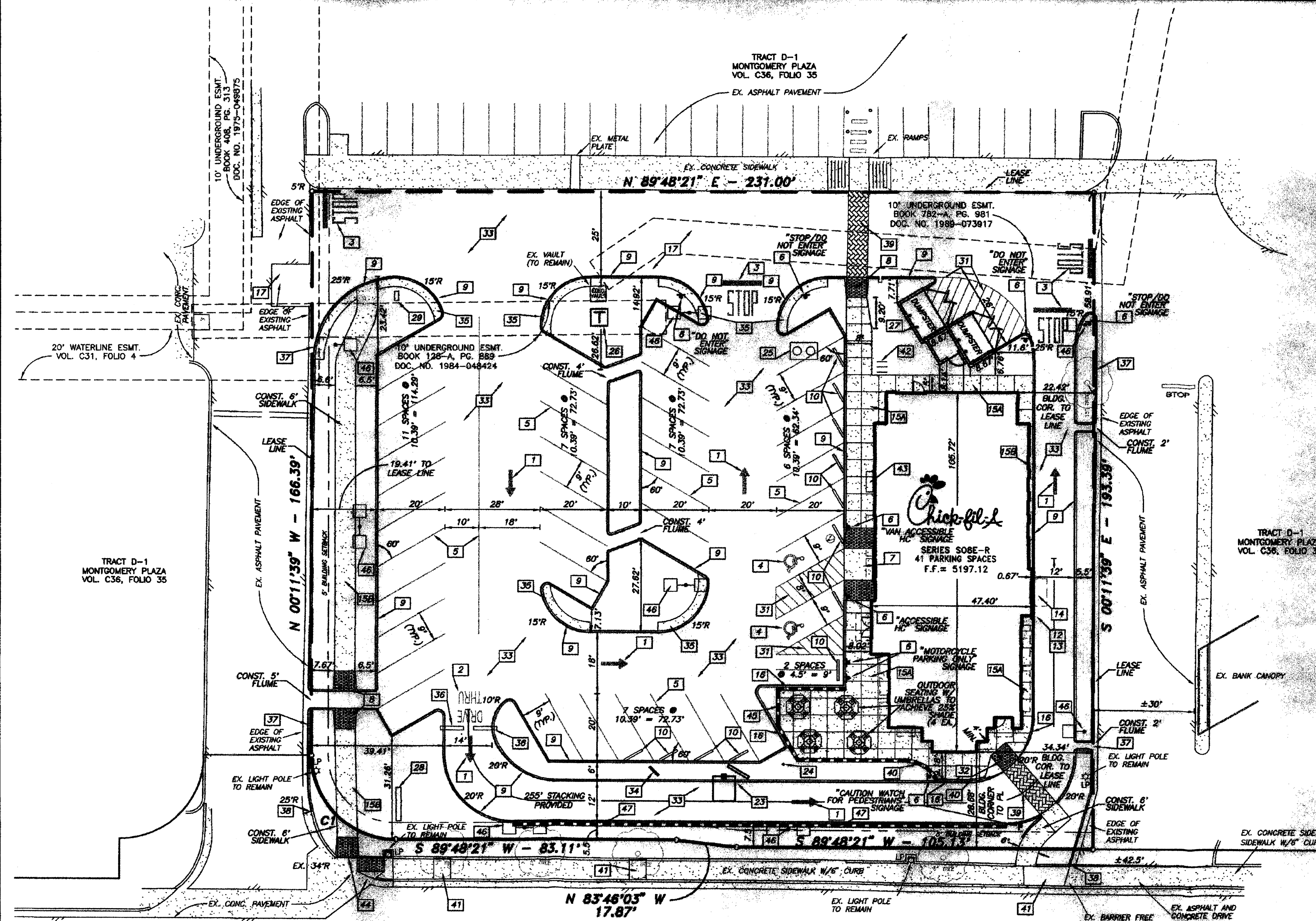
Drawn By : JAC

Checked By: BMB

Sheet

**C-4**





VICINITY MAP  
NOT-TO-SCALE

LAYOUT NOTES

- |                                   |   |
|-----------------------------------|---|
| 1 PAINTED TRAFFIC ARROW           | 25 GREASE TRAP  |
| 2 DRIVE THRU STRIPING             | 26 TRANSFORMER  |
| 3 STOP BAR                        | 27 DUMPSTER/STORAGE AREA W/SCREENING TO MATCH BUILDING MATERIAL |
| 4 PAINTED HANDICAP PARKING SYMBOL | 28 CHICK-FIL-A PRIME SIGN (NOT USED)                            |
| 5 PARKING STALLS / 4\"/>          |   |

NOTES

- ALL ON-SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT CHICK-FIL-A SPECIFICATIONS AND/OR CITY STANDARD SPECIFICATIONS, WHICHEVER IS MORE RESTRICTIVE.
- ALL CONSTRUCTION IN CITY RIGHT-OF-WAYS AND/OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY'S STANDARD SPECIFICATIONS.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS AS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- THE CONTRACTOR SHALL GIVE THE CITY A MINIMUM OF 48 HOURS NOTICE BEFORE BEGINNING EACH PHASE OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT.
- IF CONTRACTOR FINDS A DISCREPANCY WITH THE TOPOGRAPHIC INFORMATION ON THESE PLANS, HE/SHE SHALL CONTACT THE CONSTRUCTION MANAGER/SUPERVISOR IMMEDIATELY.
- ALL DIMENSIONS SHOWN ARE TO FACE OF CURB, BRICK, OR AS OTHERWISE NOTED.
- REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.
- ALL RADI ARE 2' UNLESS OTHERWISE NOTED.
- ALL PARKING STALLS SHALL BE STRIPED IN ACCORDANCE W/APPLICABLE GOVERNING AUTHORITIES.

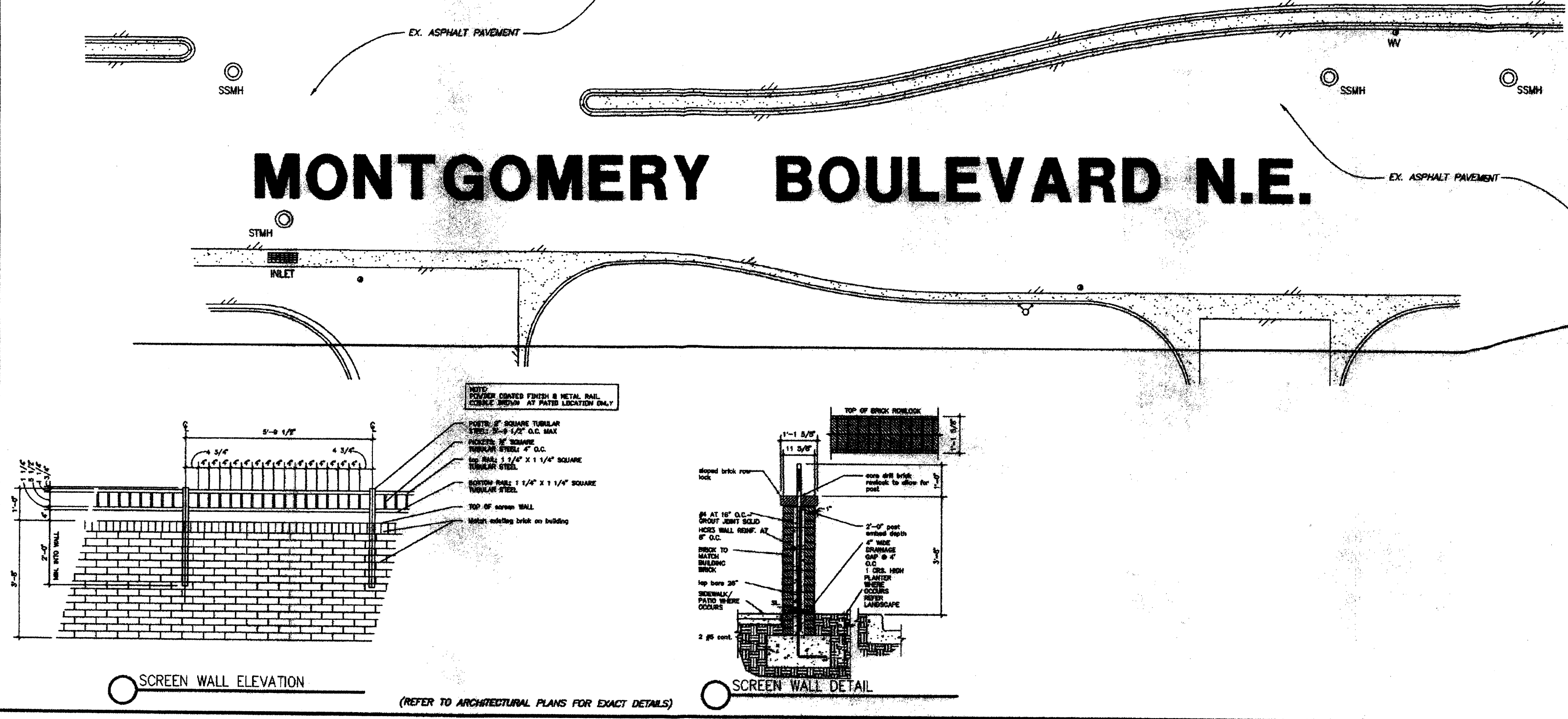
TRAFFIC CERTIFICATION

I, BRYAN M. BURGER, P.E., HAVE BEEN AWARE OF THE PROJECT AND THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE TRAFFIC ASPECTS OF THIS PROJECT. THOSE RELYING ON THE RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

BRYAN M. BURGER, P.E.  
6-5-12  
DATE



# MONTGOMERY BOULEVARD N.E.



2 SITE LIGHTING POLE DETAIL  
NOT TO SCALE (REFER TO SITE LIGHTING PLAN FOR EXACT DETAILS)



Albuquerque Control Survey Monument "9-F18"  
New Mexico State Plane Coordinates  
(Central Zone - NAD 83) as published  
North = 1,504,358.253 feet  
East = 1,539,870.687 feet  
Elevation = 5212.228 feet (NAVD 1988)  
Delta Alpha = -00°11'36.74"  
Ground to Grid Factor = 0.999866141

SITE DATA	
ZONING:	SU-1 C-2
LOT AREA:	1,017.1 ACRES (44,306 S.F.)
BUILDING AREA:	4,287 S.F.
PAVE:	0.10-1
TOTAL SEATING:	120 SEATS
PARKING REQUIRED:	1 SPACE FOR EVERY 4 SEATS
	120/4 = 30 SPACES
PARKING PROVIDED:	41 SPACES (2 H.C.)
BUILDING HEIGHT:	25' (1 STORY)
EXISTING LANDSCAPE:	2,763 S.F. (6.24%)
INTERIOR LANDSCAPE PROVIDED:	8,826 S.F. (19.92%)

APPLICANT:  
CHICK-FIL-A, INC.  
5200 BUFFINGTON ROAD  
ATLANTA, GEORGIA, 30349  
PHONE: (404) 765-8000  
CONTACT: STEVE LEWIS

ENGINEER:  
BURGER ENGINEERING, LLC  
17103 PRESTON ROAD, SUITE 180N  
DALLAS, TEXAS 75248  
PHONE: (972) 630-3360  
CONTACT: BRYAN M. BURGER, P.E.

**BURGER ENGINEERING**  
Civil Consultants



5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

Revisions:

Mark	Date	By
△		
△		
△		

PART OF TRACT D-1  
MONTGOMERY PLAZA  
5031 MONTGOMERY BOULEVARD, NE  
CITY OF ALBUQUERQUE, NEW MEXICO

STORE  
SERIES  
S08E-R

SHEET TITLE  
**SITE PLAN**

☒ Preliminary  
☐ 80% Submittal  
☐ For Construction

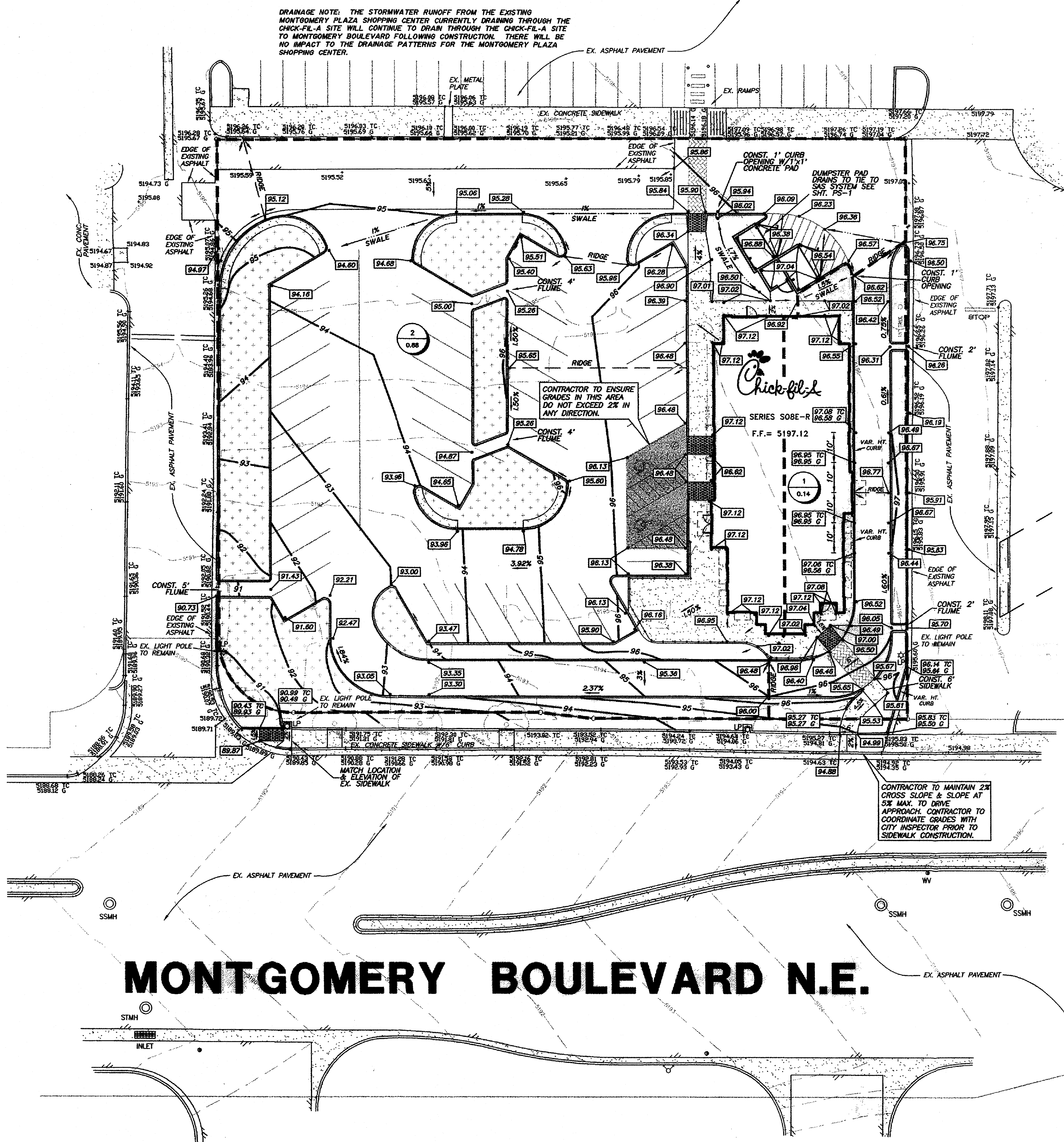
Job No. : 013-007  
 Store : 2793  
 Date : 11/18/10  
 Drawn By : JAC  
 Checked By: BMB

Sheet  
**C-3**

F-17 b034

RECEIVED





# LEGEND

- 696 EXIST. CONTOUR
- 87 PROP. CONTOUR
- x1386.50 EXIST. SPOT ELEV.
- 86.35 PROP. PAVEMENT SPOT ELEV.
- 86.25 TO 85.75 G PROP. TOP OF CURB & GUTTER ELEVATION
- ACCESSIBLE SPACE
- VAN ACCESSIBLE PARKING SPACE
- DRAINAGE AREA NUMBER
- ACRES
- DRAINAGE DIVIDE
- CONTRACTOR TO LEAVE LANDSCAPE AREAS DEPRESSED TO CAPTURE RAINWATER. (TYP.)

0 10' 20' 40'  
SCALE = 1:20

## GRADING NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND CITY STANDARDS AND SPECIFICATIONS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- BARRICADES, TRAFFIC CONTROL, AND PROJECT SIGN SHALL CONFORM TO "STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION BARRICADE AND CONSTRUCTION STANDARDS" AND CITY SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES. MINOR ADJUSTMENT TO FINISH GRADE TO ACCOMPLISH SPOT DRAINAGE IS ACCEPTABLE, IF NECESSARY, UPON PRIOR APPROVAL OF THE ENGINEER. PAVING INSTALLED SHALL "FLUSH OUT" AT ANY JUNCTURE WITH EXISTING PAVING.
- ALL PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.
- REFER TO SITE PLAN FOR HORIZONTAL DIMENSIONS.
- SITE PREPARATION AND GRADING, FOUNDATION EXCAVATION AND FILL COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RM ELEVATIONS PRIOR TO CONSTRUCTION.
- GRATE INLETS TO BE PRECAST, SINGLE GRATE INLET MANUFACTURED BY BROOKS PRODUCTS INC. (8-817-467-2783) WITH TRAFFIC BEARING GRATE, OR APPROVED EQUAL.
- CONTRACTOR TO ENSURE GRADES IN ACCESSIBLE ROUTE DO NOT EXCEED 5% IN THE RUN DIRECTION W/ A 2% CROSS SLOPE.
- UNLESS OTHERWISE NOTED, ALL PARKING LOT GRADES ARE TO GUTTER OR INVERT. ADD 0.5' TO GUTTER GRADE FOR TOP OF CURB GRADE.

## CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT.
- INSTALL ALL EROSION CONTROL MEASURES AND DEVICES THAT CAN BE INSTALLED PRIOR TO SITE CLEARING.
- CLEAR SITE.
- INSTALL ANY REMAINING CONTROL MEASURES AND DEVICES THAT COULD NOT BE INSTALLED PRIOR TO SITE CLEARING.
- GRADE SITE.
- INSTALL ALL UNDERGROUND UTILITIES. INSTALL EROSION CONTROL AROUND CATCH BASINS AND INLETS.
- INSTALL PAVEMENT.
- INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES UNTIL ALL DISTURBED OFFSITE & ONSITE AREAS HAVE BEEN HYDROMULCHED OR SOODED IN ACCORDANCE WITH THE LANDSCAPE PLAN AND A MOWABLE STAND OF GRASS IS ACHIEVED.

## HYDRAULIC DATA

$$Q = C \times I \times A$$

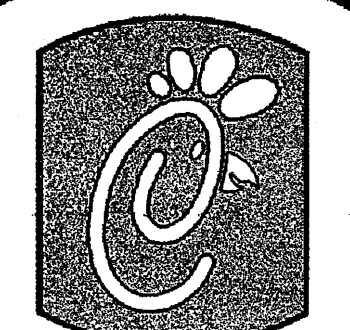
D.A. No.	AREA (acres)	Tc (min.)	C (runoff)	$I_{100}$ (in/hr)	$Q_{100}$ (cfs)	REMARKS
1	0.14	10	0.86	4.70	0.56	SHEET FLOW TO EAST ACCESS DRIVE TO MONTGOMERY BLVD.
2	0.88	10	0.86	4.70	3.56	SHEET FLOW TO WEST ACCESS DRIVE TO MONTGOMERY BLVD.



Albuquerque Control Survey Monument "9-F18"  
New Mexico State Plane Coordinates  
(Central Zone - NAD 83) as published  
North= 1,504,358,281 feet  
East= 1,539,870,687 feet  
Elevation= 5212.228 feet (NAVD 1988)  
Delta Alpha= -0°11'36.74"  
Ground to Grid Factor= 0.999666141

**BURGER**  
ENGINEERING  
Civil Consultants

17103 Preston Road, Suite 180N  
Dallas, Texas 75248  
Office: 972.630.3360 Fax: 972.630.3380



5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

## Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△



PART OF TRACT D-1  
MONTGOMERY PLAZA  
5031 MONTGOMERY BOULEVARD, NE  
CITY OF ALBUQUERQUE, NEW MEXICO

## STORE

SERIES

S08E-R

## SHEET TITLE

**GRADING &  
DRAINAGE  
PLAN**

☒ Preliminary  
☐ 80% Submittal  
☐ For Construction

Job No. : 013-007

Store : 2793

Date : 11/18/10

Drawn By : JAC

Checked By: BMB

Sheet

**C-4**



PS-1