

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

July 18, 2022

David Alter, P.E.  
Ensign  
45 W. 10000 S., Suite 500  
Sandy, UT 84070

**RE: Chick-Fil-A @ Coors Pavilion – Additional Parking Lot  
4001 Coors Blvd NW  
Conceptual Grading & Drainage Plan  
Engineer's Stamp Date: 06/28/22  
Hydrology File: G11D069C**

Dear Mr. Alter:

PO Box 1293

Based upon the information provided in your submittal received 06/30/2022, the Conceptual Grading & Drainage Plan **is not** approved for action by the DRB on Site Plan for Building Permit. The following comments need to be addressed for approval of the above referenced project:

Albuquerque

NM 87103

[www.cabq.gov](http://www.cabq.gov)

1. Under Existing Conditions, please refer to the Amended Master Drainage Plan dated 12/2020 by Respec. Lot 5 (which the project is on) has a designed allowable discharge of 2.90 cfs which was designed to go directly north into Lot 4 but could be discharge into the private access / drainage easement which ultimately discharges into the Coors Pavilion detention pond.
2. Please use the procedure for 40 acre and smaller basins as outlined in Development Process Manual (DPM) Article 6-2(a). Please provide both the existing conditions and proposed conditions for the 100 year-6 hour storm event. Please show the calculations per the DPM and not just the end result.
3. Please follow the DPM Article 6-12 Stormwater Quality and Low-Impact Development for the sizing calculations. To calculate the required SWQV, multiply the impervious area draining to the BMP by 0.42 inches for new development sites.
4. Please provide the SWQV calculations for each basin draining to each pond. The stormwater quality ponds need to be sized for the areas draining to them.
5. Please label the size of each curb cut and please provide the weir calculations, per DPM Article 6-16(A), for the curb cuts. A coefficient of 2.7 is typically used for the weir equation  $Q = CLH^{2/3}$ .

# CITY OF ALBUQUERQUE

*Planning Department*  
Alan Varela, Director



*Mayor Timothy M. Keller*

6. Not sure where the drainage from Basin 2 (the new drive lane) is going. This drainage cannot go directly into Coors Blvd. This is not allowed. I do not see how this is directed towards the interior private access / drainage easement.

As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, [jhughes@cabq.gov](mailto:jhughes@cabq.gov), 924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 924-3995 or [rbrissette@cabq.gov](mailto:rbrissette@cabq.gov).

Sincerely,

*Renée C. Brissette*

Renée C. Brissette, P.E. CFM  
Senior Engineer, Hydrology  
Planning Department

PO Box 1293

Albuquerque

NM 87103

[www.cabq.gov](http://www.cabq.gov)



# City of Albuquerque

Planning Department

Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 10/2018)

**Project Title:** \_\_\_\_\_ **Building Permit #:** \_\_\_\_\_ **Hydrology File #:** \_\_\_\_\_

**DRB#:** \_\_\_\_\_ **EPC#:** \_\_\_\_\_ **Work Order#:** \_\_\_\_\_

**Legal Description:** \_\_\_\_\_

**City Address:** \_\_\_\_\_

**Applicant:** \_\_\_\_\_ **Contact:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**Other Contact:** \_\_\_\_\_ **Contact:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Phone#:** \_\_\_\_\_ **Fax#:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

**TYPE OF DEVELOPMENT:** \_\_\_\_\_ PLAT (# of lots) \_\_\_\_\_ RESIDENCE \_\_\_\_\_ DRB SITE \_\_\_\_\_ ADMIN SITE

IS THIS A RESUBMITTAL? \_\_\_\_\_ Yes \_\_\_\_\_ No

**DEPARTMENT:** \_\_\_\_\_ TRAFFIC/TRANSPORTATION \_\_\_\_\_ HYDROLOGY/DRAINAGE

Check all that Apply:

### TYPE OF SUBMITTAL:

- \_\_\_\_\_ ENGINEER/ARCHITECT CERTIFICATION
- \_\_\_\_\_ PAD CERTIFICATION
- \_\_\_\_\_ CONCEPTUAL G & D PLAN
- \_\_\_\_\_ GRADING PLAN
- \_\_\_\_\_ DRAINAGE MASTER PLAN
- \_\_\_\_\_ DRAINAGE REPORT
- \_\_\_\_\_ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- \_\_\_\_\_ ELEVATION CERTIFICATE
- \_\_\_\_\_ CLOMR/LOMR
- \_\_\_\_\_ TRAFFIC CIRCULATION LAYOUT (TCL)
- \_\_\_\_\_ TRAFFIC IMPACT STUDY (TIS)
- \_\_\_\_\_ OTHER (SPECIFY) \_\_\_\_\_
- \_\_\_\_\_ PRE-DESIGN MEETING?

### TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

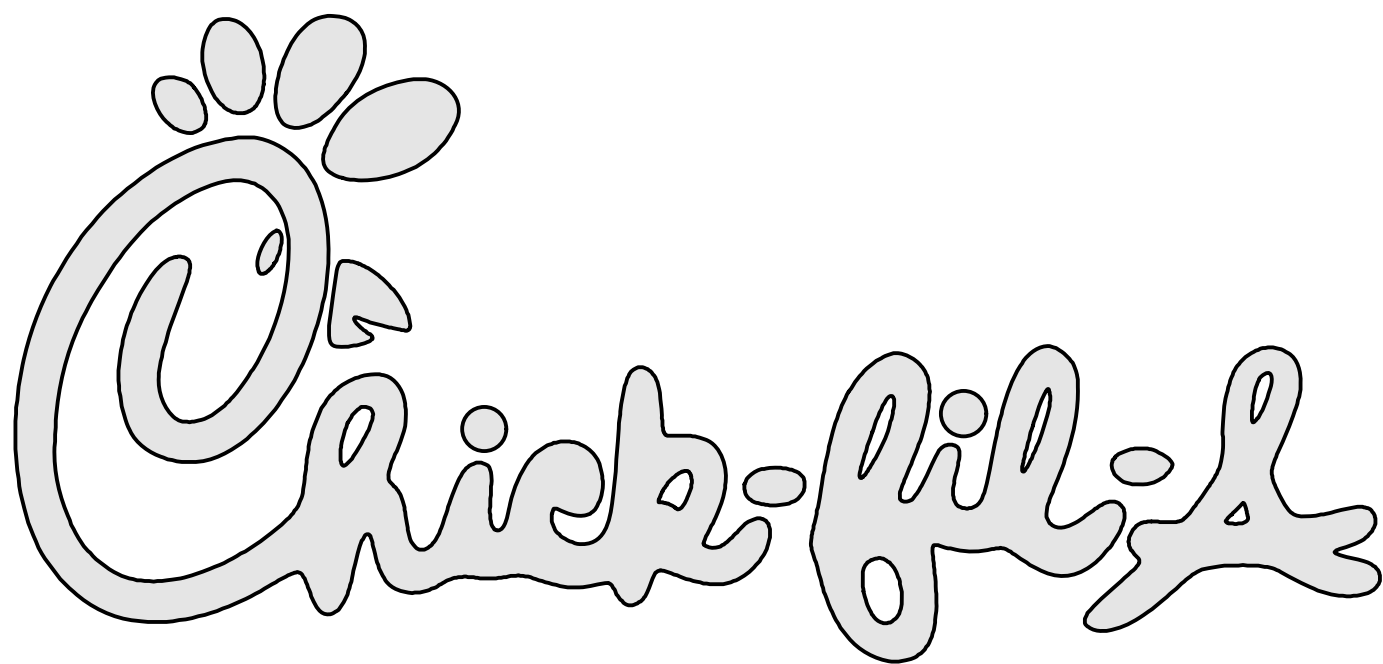
- \_\_\_\_\_ BUILDING PERMIT APPROVAL
- \_\_\_\_\_ CERTIFICATE OF OCCUPANCY
- \_\_\_\_\_ PRELIMINARY PLAT APPROVAL
- \_\_\_\_\_ SITE PLAN FOR SUB'D APPROVAL
- \_\_\_\_\_ SITE PLAN FOR BLDG. PERMIT APPROVAL
- \_\_\_\_\_ FINAL PLAT APPROVAL
- \_\_\_\_\_ SIA/ RELEASE OF FINANCIAL GUARANTEE
- \_\_\_\_\_ FOUNDATION PERMIT APPROVAL
- \_\_\_\_\_ GRADING PERMIT APPROVAL
- \_\_\_\_\_ SO-19 APPROVAL
- \_\_\_\_\_ PAVING PERMIT APPROVAL
- \_\_\_\_\_ GRADING/ PAD CERTIFICATION
- \_\_\_\_\_ WORK ORDER APPROVAL
- \_\_\_\_\_ CLOMR/LOMR
- \_\_\_\_\_ FLOODPLAIN DEVELOPMENT PERMIT
- \_\_\_\_\_ OTHER (SPECIFY) \_\_\_\_\_

**DATE SUBMITTED:** \_\_\_\_\_ **By:** \_\_\_\_\_

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_

FEE PAID: \_\_\_\_\_



COORS BLVD AND ST. JOSEPHS DRIVE  
ALBUQUERQUE, NM

INDEX OF DRAWINGS

C 0.1	DEMOLITION PLAN
C 1.0	SITE DIMENSION PLAN
C 1.1	TRAFFIC CIRCULATION LAYOUT
C 2.0	SITE GRADING PLAN
C 3.0	SITE UTILITY PLAN
L -1	LANDSCAPE PLAN

NOT FOR CONSTRUCTION  
FOR REVIEW

UTILITY DISCLAIMER

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND / OR ELEVATIONS 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 LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

NOTICE TO CONTRACTOR

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS OF THE U.S. DEPARTMENT OF LABOR AND THE STATE OF UTAH DEPARTMENT OF INDUSTRIAL RELATIONS CONSTRUCTION SAFETY ORDERS." THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH SAID REGULATIONS AND ORDERS.

CONTRACTOR FURTHER AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

NOTICE TO DEVELOPER/ CONTRACTOR

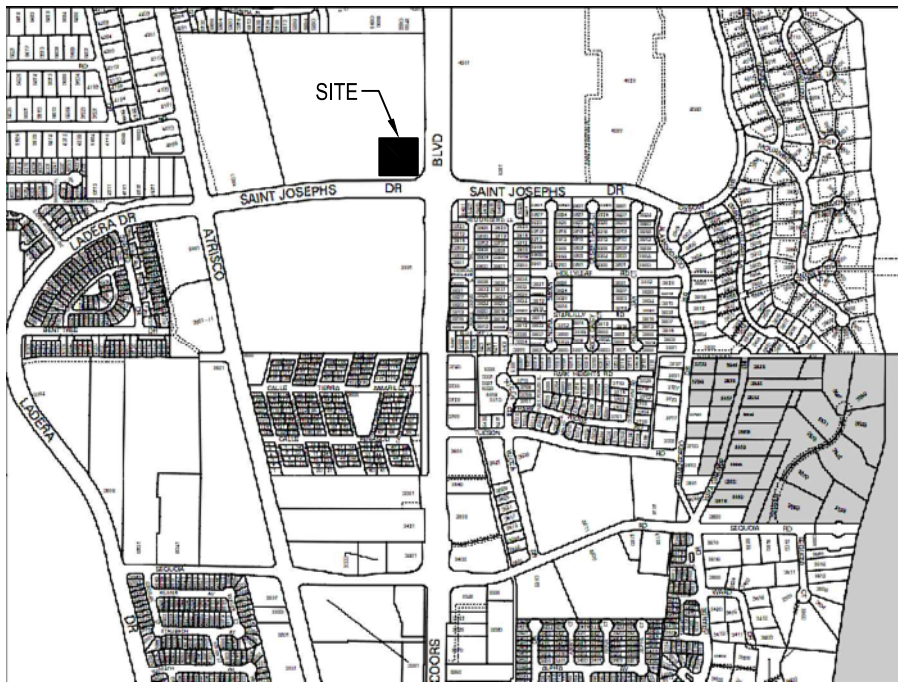
UNAPPROVED DRAWINGS REPRESENT WORK IN PROGRESS, ARE SUBJECT TO CHANGE, AND DO NOT CONSTITUTE A FINISHED ENGINEERING PRODUCT. ANY WORK UNDERTAKEN BY DEVELOPER OR CONTRACTOR BEFORE PLANS ARE APPROVED IS UNDERTAKEN AT THE SOLE RISK OF THE DEVELOPER, INCLUDING BUT NOT LIMITED TO BIDS, ESTIMATION, FINANCING, BONDING, SITE CLEARING, GRADING, INFRASTRUCTURE CONSTRUCTION, ETC.

OWNER

CONTACT  
MAGGIE NUCKOLS  
17877 VON KARMAN AVE, SUITE 500  
IRVINE, CA 92614  
PHONE: 602-741-5695



VICINITY MAP



NO SCALE

GENERAL NOTES

- ALL WORK SHALL CONFORM WITH ALBUQUERQUE CITY, AND CHICK-FIL-A STANDARDS & SPECIFICATIONS.
- CALL NMOC 48 HOURS PRIOR TO DIGGING.
- CONTROL POINT: 60D NAIL WITH ALUMINUM DISK STAMPED "SURV-TEK CONTROL" N=1,502,746.35' E=1,505,788.82' ELEV = 5116.08'
- CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING UTILITIES BEFORE CONSTRUCTING ANY IMPROVEMENTS.

ENGINEER/SURVEYOR:

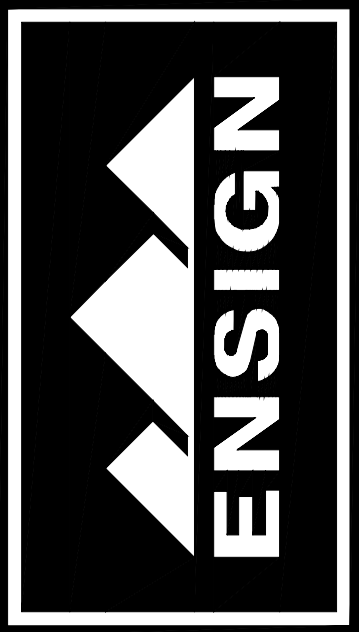


SALT LAKE CITY  
45 W. 10000 S., Suite 500  
Sandy, UT 84070  
Phone: 801.255.0529  
Fax: 801.255.4449  
WWW.ENSIGNUTAH.COM

LAYTON  
Phone: 801.547.1100  
TOOELE  
Phone: 435.843.3590  
CEDAR CITY  
Phone: 435.865.1453

CHICK-FIL-A #04107 COORS DRIVE THRU EXPANSION

JUNE, 2022



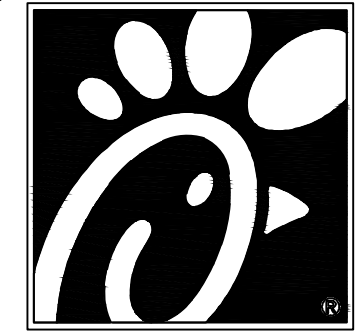
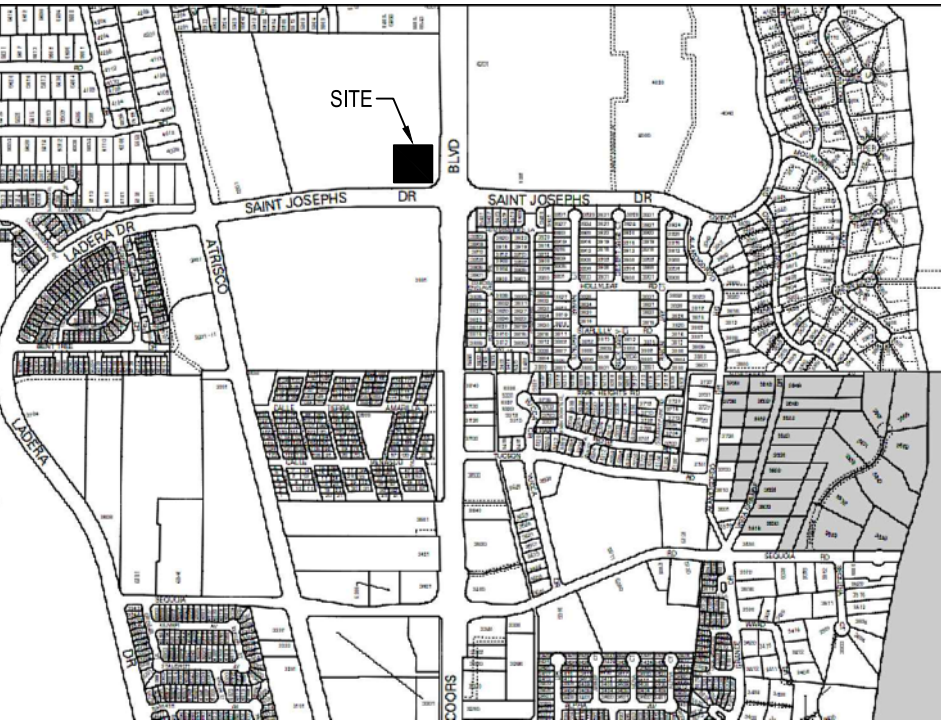


811

Know what's below.  
Call before you dig.

CALL BLUESTAKES  
@ 811 AT LEAST 48 HOURS  
PRIOR TO THE  
COMMENCEMENT OF ANY  
CONSTRUCTION.

VICINITY MAP



5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

Revisions:

Mark Date By  
△

Mark Date By  
△

Mark Date By  
△

Seal



SALT LAKE CITY  
45 W. 10000 S., Suite 500  
Sandy, UT 84070  
Phone: 801.255.0529  
Fax: 801.255.4449

WWW.ENSIGNENG.COM

STORE  
CHICK-FIL-A  
FSU #04107  
COORS BLVD.

COORS BLVD NW & ST.  
JOSEPHS DR NW  
ALBUQUERQUE, NM  
87120

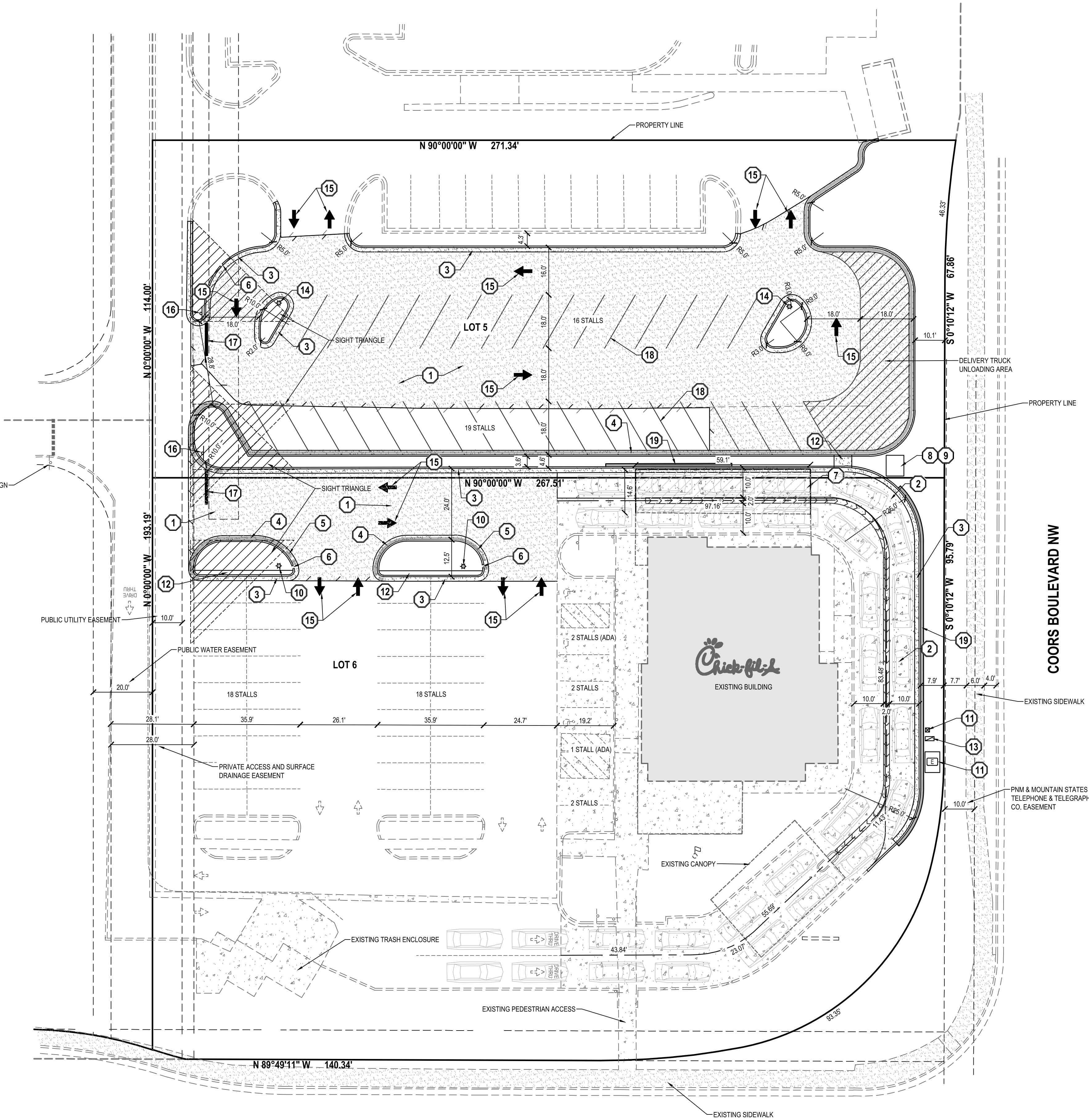
SHEET TITLE  
SITE PLAN

VERSION:  
ISSUE DATE:

Job No. : 11274  
Store : 04107  
Date : 6/21/22  
Drawn By : MM  
Checked By: DJ

Sheet

C-I.O



GENERAL NOTES

- ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
- SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, AND SCORE PATTERNS THROUGHOUT SITE.
- ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
- ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
- NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE OR ASPHALT.
- THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

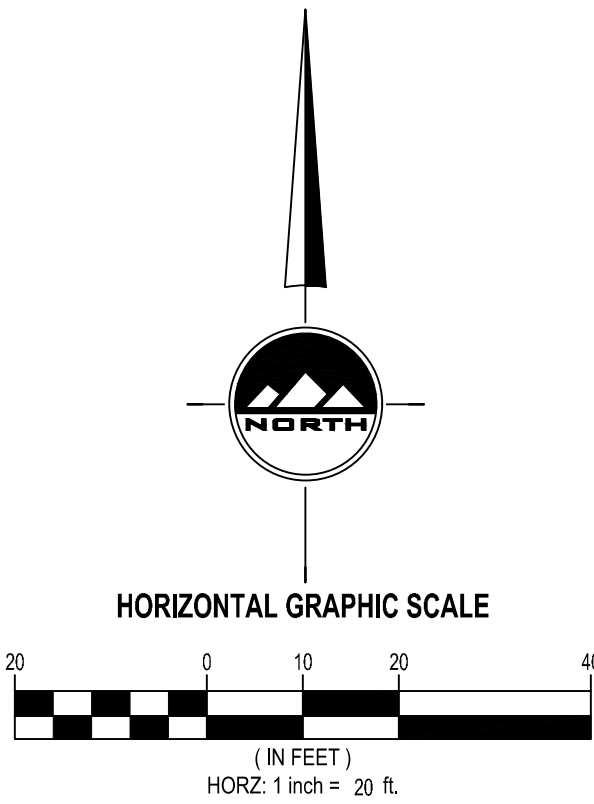
SCOPE OF WORK:  
PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

- ASPHALT PAVEMENT. SEE DETAIL 1/C-3.0.
- CONCRETE PAVEMENT DRIVE-THRU. SEE DETAIL 2/C-3.0.
- 24" CATCHING CURB AND GUTTER PER DETAIL 3/C-3.0.
- 24" SPILLING CURB AND GUTTER PER DETAIL 3/C-3.0.
- TRANSITION BETWEEN CATCHING AND SPILLING CURB AND GUTTER.
- 1" CURB OPENING.
- PROPOSED CANOPY. SEE ARCHITECTURAL DRAWINGS.
- CONCRETE PAD FOR ELECTRICAL EQUIPMENT. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- RELOCATED ELECTRICAL TRANSFORMER. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- RELOCATED LIGHT POLE. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- RELOCATED ELECTRICAL EQUIPMENT. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- CONCRETE SIDEWALK. SEE DETAIL 5/C-3.0.
- RELOCATED COMMUNICATIONS EQUIPMENT. COORDINATE WITH SERVICE PROVIDER.
- PROPOSED LIGHT POLE. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- PAINTED LANE-USE ARROWS. SEE DETAIL 4/C-3.0.
- "STOP" SIGN.
- 12" SOLID STOP BAR.
- 4" WIDE SOLID PAVEMENT MARKING PER PARKING LOT STRIPING SPECIFICATIONS. SEE 5/C-3.0.
- RETAINING WALL. SEE GRADING PLANS FOR ELEVATIONS.

PARKING DATA TABLE	
EXISTING STALLS TO BE REMOVED	4
PROPOSED STALLS	35
EXISTING STALLS (TO REMAIN)	40
EXISTING ADA STALLS (TO REMAIN)	3
TOTAL STALLS	78

LEGEND

- EXISTING BOLLARD
- PROPOSED BOLLARD
- EXISTING SIGN
- PROPOSED SIGN
- EXISTING FLAG POLE
- EXISTING EDGE OF ASPHALT
- PROPOSED EDGE OF ASPHALT
- EXISTING STRIPING
- PROPOSED STRIPING
- EXISTING WALL
- PROPOSED ASPHALT
- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- PROPOSED REVERSE PAN CURB AND GUTTER
- TRANSITION TO REVERSE PAN CURB
- EXISTING CONCRETE
- PROPOSED CONCRETE
- EXISTING BUILDING
- EXISTING MONUMENT SIGN



ST. JOSEPHS DRIVE

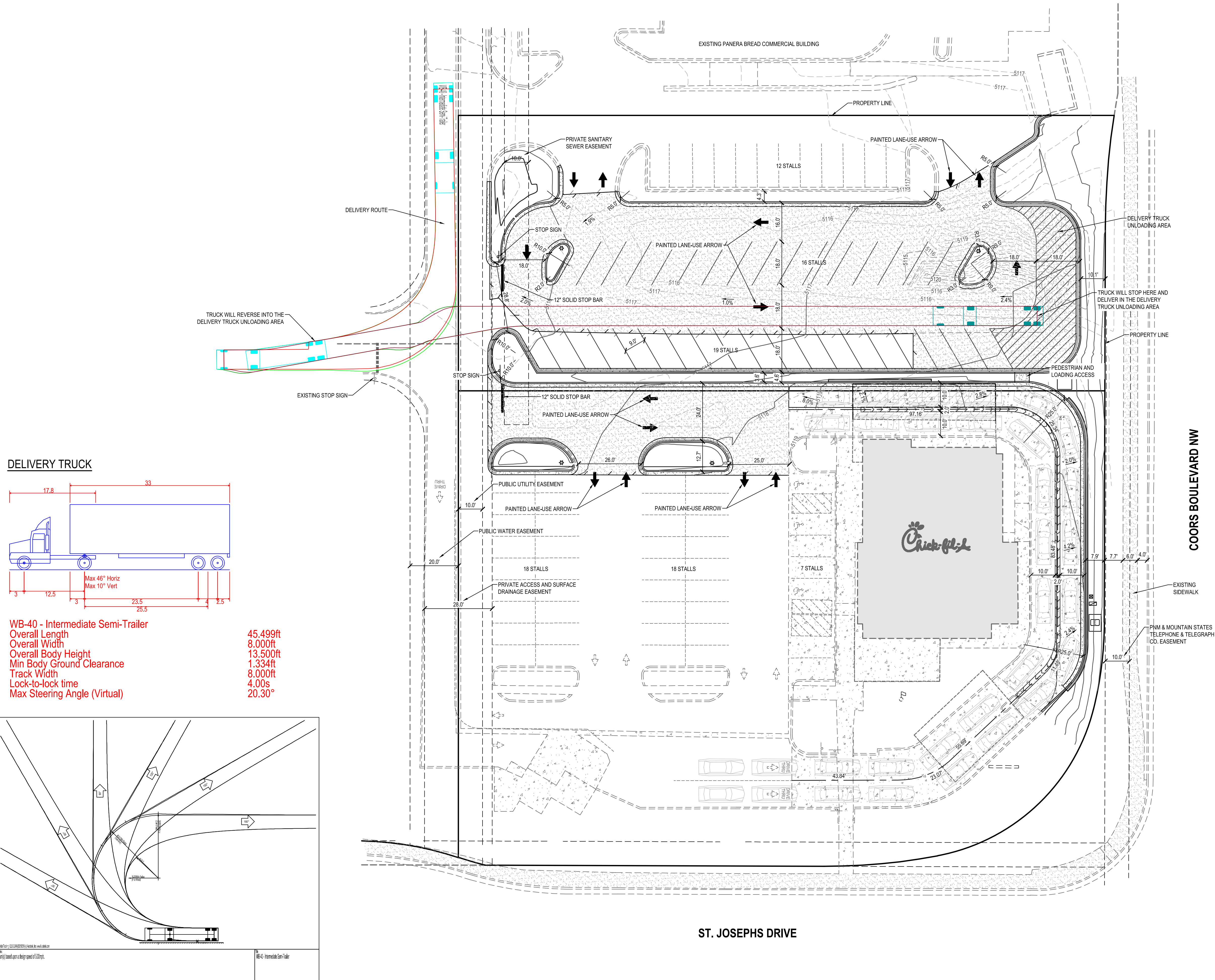
COORS BOULEVARD NW



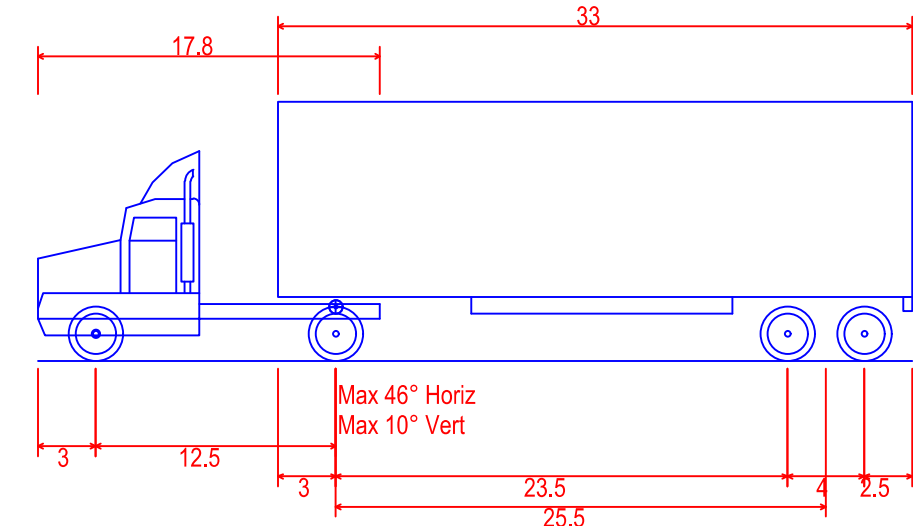
811

Know what's below.  
Call before you dig.

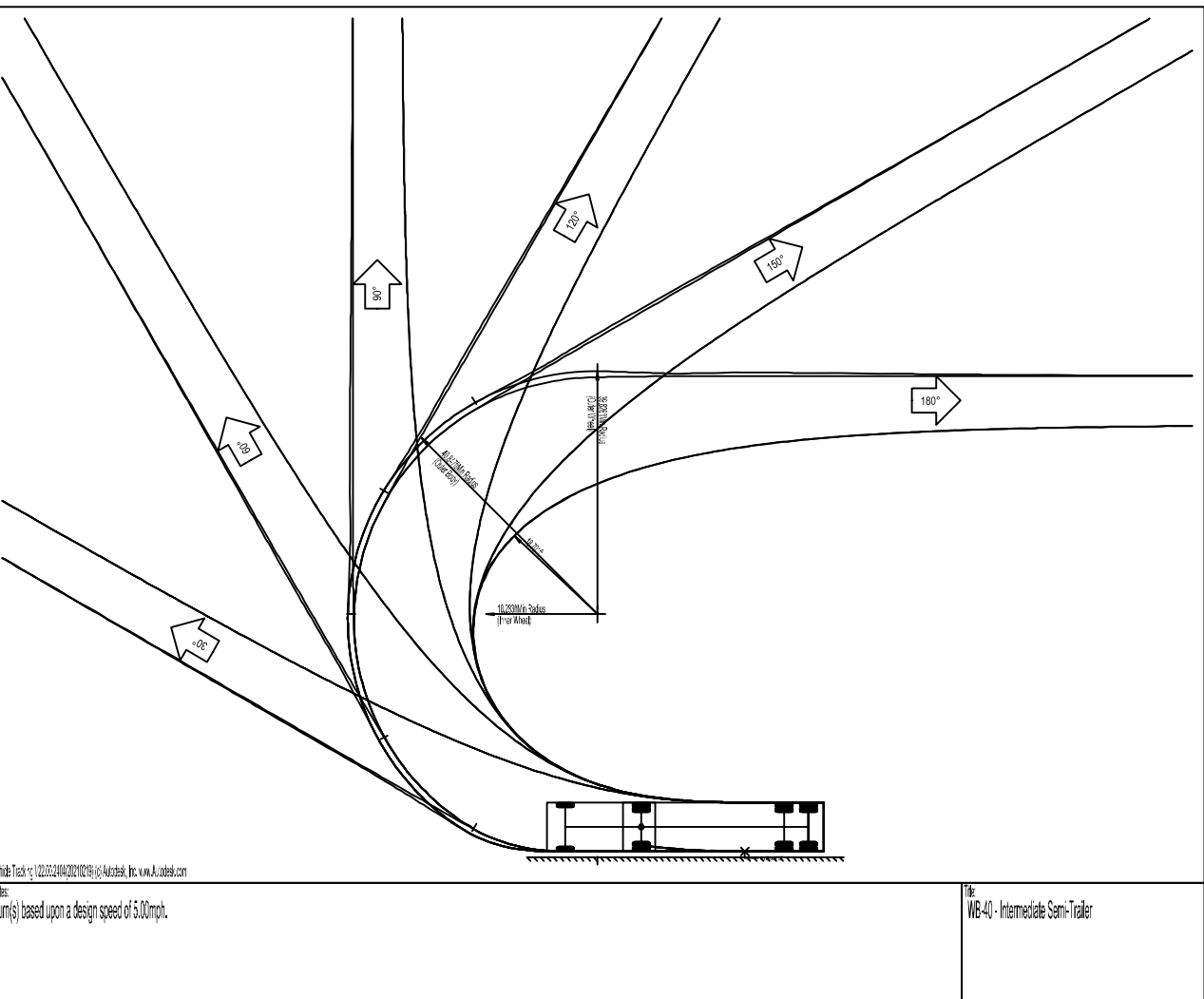
CALL BLUESTAKES  
@ 811 AT LEAST 48 HOURS  
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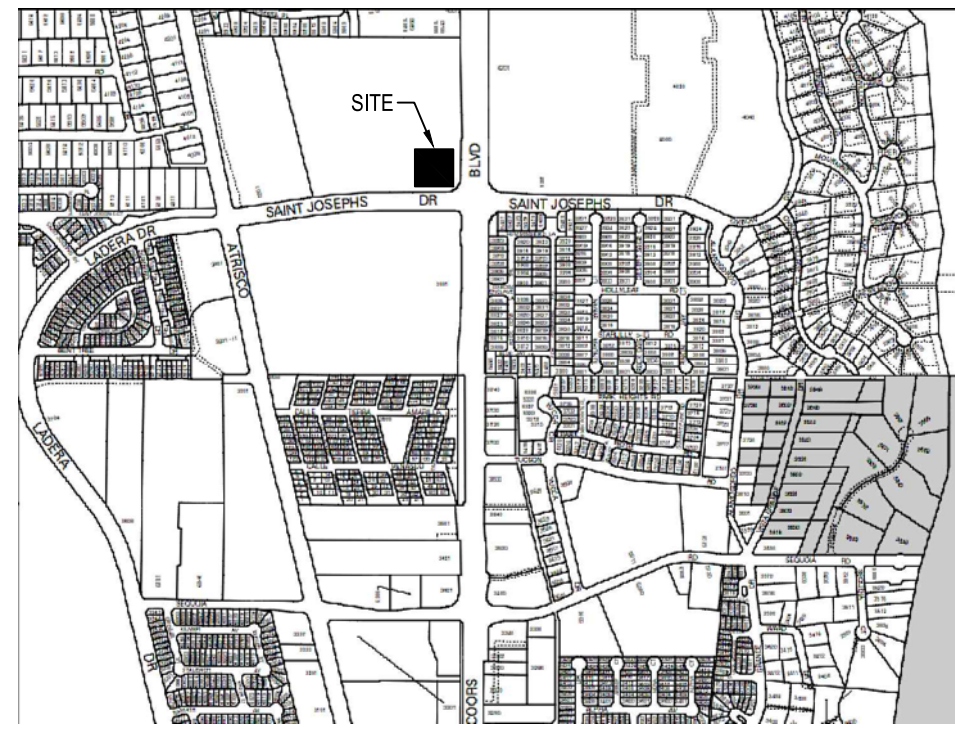
DELIVERY TRUCK



WB-40 - Intermediate Semi-Trailer  
Overall Length 45.499ft  
Overall Width 8.000ft  
Overall Body Height 13.500ft  
Min Body Ground Clearance 1.334ft  
Track Width 8.000ft  
Lock-to-lock time 4.00s  
Max Steering Angle (Virtual) 20.30°



VICINITY MAP



PARKING DATA TABLE	
EXISTING STALLS TO BE REMOVED	4
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- LEGEND
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  - EXISTING CONCRETE
  - PROPOSED CONCRETE
  - EXISTING BUILDING
  - EXISTING MONUMENT SIGN

Chick-fil-A

5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

Revisions:  
Mark Date By  
△  
Mark Date By  
△  
Mark Date By  
△

Seal  
DAVID ALTER  
NEW MEXCO  
12354  
06/28/2022  
PROFESSIONAL ENGINEER

ENSIGN

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STORE  
CHICK-FIL-A  
FSU #04107  
COORS BLVD.  
COORS BLVD NW & ST.  
JOSEPHS DR NW  
ALBUQUERQUE, NM  
87120

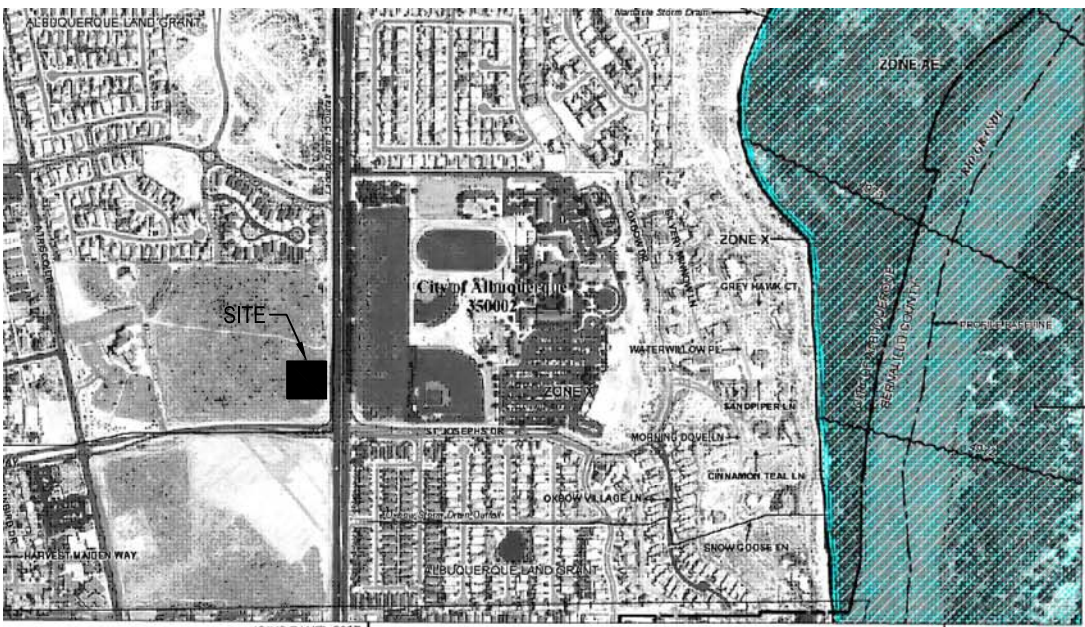
SHEET TITLE  
TRAFFIC  
CIRCULATION  
LAYOUT

VERSION:  
ISSUE DATE:  
Job No. : 11274  
Store : 04107  
Date : 6/21/22  
Drawn By : MM  
Checked By : DJ

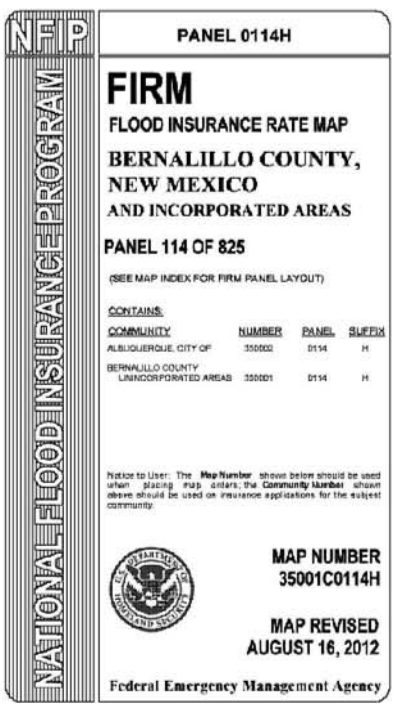
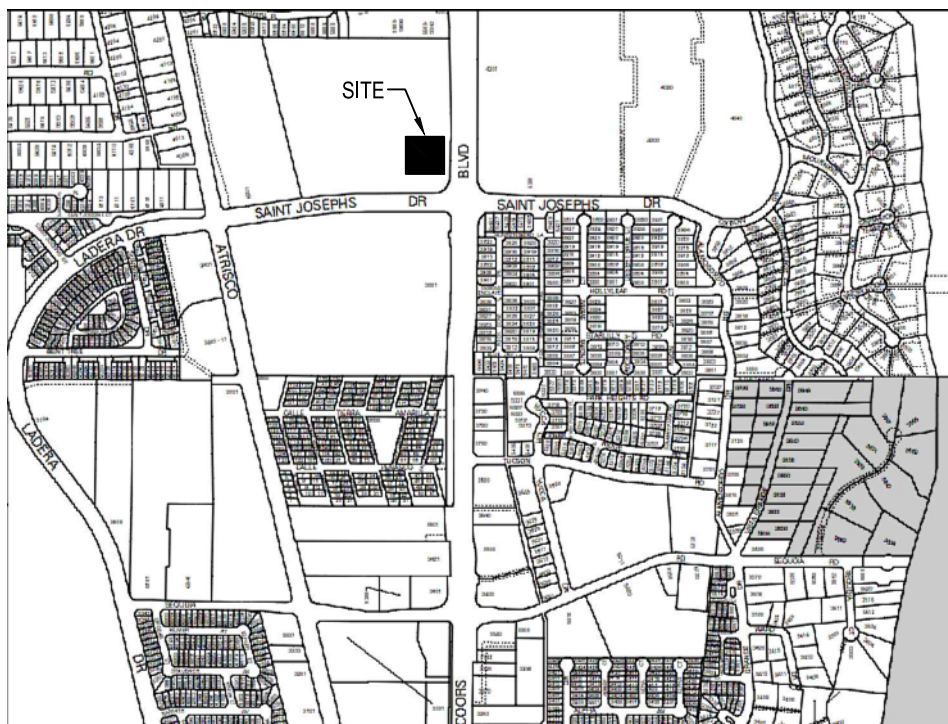
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C II



FIRM MAP NO 35001C0114H



VICINITY MAP



- GENERAL NOTES**
1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
  2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
  3. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.
  4. ELEVATIONS HAVE BEEN TRUNCATED FOR CLARITY. XXXX REPRESENTS AN ELEVATION OF 51XX.XX ON THESE PLANS.
  5. LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
  6. ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
  7. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
  8. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.
  9. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

**LOCATION AND DESCRIPTION**  
THE PROPOSED SITE IS LOT 5 OF COORS PAVILION AND IS 0.7 ACRES LOCATED ON THE NORTH SIDE OF ST. JOSEPH'S BLVD. AND THE WEST SIDE OF COORS BLVD. THE PROPOSED DEVELOPMENT WILL BE A PARKING LOT TO EXPAND THE EXISTING PARKING LOT.

**FLOODPLAIN STATUS**  
THE PROJECT, AS SHOWN ON FEMA'S FLOOD INSURANCE RATE MAP 35001C0114H, DATED AUGUST 16, 2012 IS NOT WITHIN A DESIGNATED 100-YEAR FLOODPLAIN. AN EXHIBIT WITH THE SITE SHOWN ON THE FIRM PANEL IS INCLUDED ON THIS SHEET.

**METHODOLOGY**  
THE HYDROLOGY FOR THIS PROJECT WAS ANALYZED USING THE RATIONAL METHOD.

**PRECIPITATION**  
THE 100-YR 12-MIN DURATION STORM WAS USED AS THE DESIGN STORM FOR THIS ANALYSIS. THIS SITE IS WITHIN ZONE 1 AS IDENTIFIED IN THE CITY OF ALBUQUERQUE DEVELOPMENT MANUAL, SECTION 22.2

**EXISTING DRAINAGE**  
THE SITE IS WITHIN THE AREA OF THE COORS PAVILION DRAINAGE MASTER PLAN DATED FEBRUARY 22, 2017. THE EXISTING DRAINAGE FLOWS TO THE NORTHWEST TO A PROPOSED POND FOR SHARED USE BY LOTS INCLUDED IN THE MASTER DRAINAGE PLAN.

**DEVELOPED CONDITION**  
THE SITE WILL BE DEVELOPED WITH SITE FLOWS FROM LOT 5 AND PART OF LOT 6 DIRECTED INTO A CONCRETE PAN IN THE MIDDLE OF THE PRIVATE DRIVE ON THE WEST SIDE OF THE SITE VIA A COMBINATION OF CURB AND GUTTER AND OVERLAND FLOW. THE PAN WILL ULTIMATELY DIRECT THE FLOW INTO THE FIRST FLUSH POND PROVIDED BY THE DEVELOPMENT. THE 100 YEAR PEAK RUNOFF FROM THIS DEVELOPMENT IS IN ACCORDANCE WITH THE MASTER DRAINAGE REPORT. RUNOFF ADJACENT TO COORS BLVD AND ST. JOSEPH'S DR WILL BE CAPTURED BY AN EXISTING INFILTRATION TRENCH AT THE REAR OF THE EXISTING SIDEWALK, ALLOWING NO RUNOFF FROM THIS SITE TO ENTER EITHER ROADWAY RIGHT-OF-WAY.

**REQUIRED FIRST FLUSH VOLUME**  
LOT DRAINAGE AS DEPICTED ON THIS PLAN SHALL BE MAINTAINED.  
LOT DEPICTED HEREON SHALL BE RESPONSIBLE FOR MAINTAINING FIRST FLUSH RUNOFF RETENTION INDICATED ON THE LOT IMMEDIATELY PRIOR TO DISCHARGE. THE TOTAL VOLUME SHALL BE EQUAL TO: IMPERVIOUS AREA \* (0.44-0.10) / 12 IN CUBIC FEET.

IMPERVIOUS AREA = 22946 SQ.FT.

REQUIRED VOLUME = 650 CU.FT.

PROVIDED VOLUME ON SITE (BASIN A) = 0 CU.FT.

PROVIDED VOLUME IN POND = 1289 CU.FT.

**BASIN A**  
AREA = .41 AC  
100 YR RUNOFF (CFS) = 1.68  
10 YR RUNOFF (CFS) = 1.04  
2 YR RUNOFF (CFS) = .85

**BASIN B**  
AREA = .12 AC  
100 YR RUNOFF (CFS) = .49  
10 YR RUNOFF (CFS) = .31  
2 YR RUNOFF (CFS) = .19

- EROSION CONTROL NOTES**
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
  2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
  3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
  4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
  5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

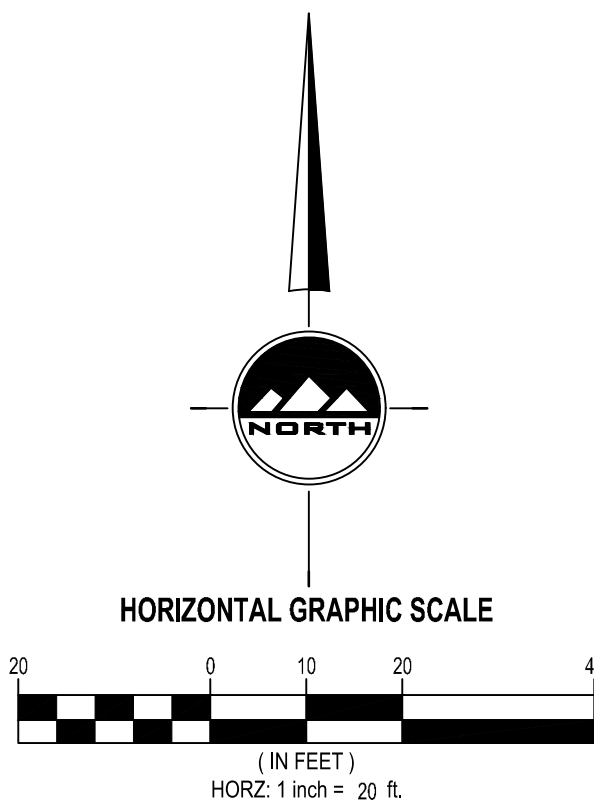
COORS BOULEVARD NW

Chick-fil-A  
FFE = 5120.00

811  
CALL BLUESTAKES  
@ 811 AT LEAST 48 HOURS  
PRIOR TO THE  
COMMENCEMENT OF ANY  
CONSTRUCTION.  
Know what's below.  
Call before you dig.

- LEGEND**
- EXISTING BOLLARD
  - PROPOSED BOLLARD
  - EXISTING SIGN
  - PROPOSED SIGN
  - EXISTING FLAG POLE
  - EXISTING EDGE OF ASPHALT
  - PROPOSED EDGE OF ASPHALT
  - EXISTING STRIPING
  - PROPOSED STRIPING
  - EXISTING WALL
  - PROPOSED WALL
  - EXISTING CONTOURS
  - PROPOSED CONTOURS
  - PROPOSED ASPHALT
  - EXISTING CURB AND GUTTER
  - PROPOSED CURB AND GUTTER
  - PROPOSED REVERSE PAN CURB AND GUTTER
  - TRANSITION TO REVERSE PAN CURB
  - EXISTING CONCRETE
  - PROPOSED CONCRETE
  - EXISTING BUILDING
  - EXISTING MONUMENT SIGN
  - CATCHMENTS / BASINS

ST. JOSEPHS DRIVE



Chick-fil-A

5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

Revisions:

Mark Date By

△

Mark Date By

△

Mark Date By

△

Seal



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STORE  
CHICK-FIL-A  
FSU #04107  
COORS BLVD.

COORS BLVD NW & ST.  
JOSEPHS DR NW  
ALBUQUERQUE, NM  
87120

SHEET TITLE  
GRADING AND  
DRAINAGE PLAN

VERSION:  
ISSUE DATE:

Job No. : 11274  
Store : 04107  
Date : 6/21/22  
Drawn By : MM  
Checked By : DJ

Sheet

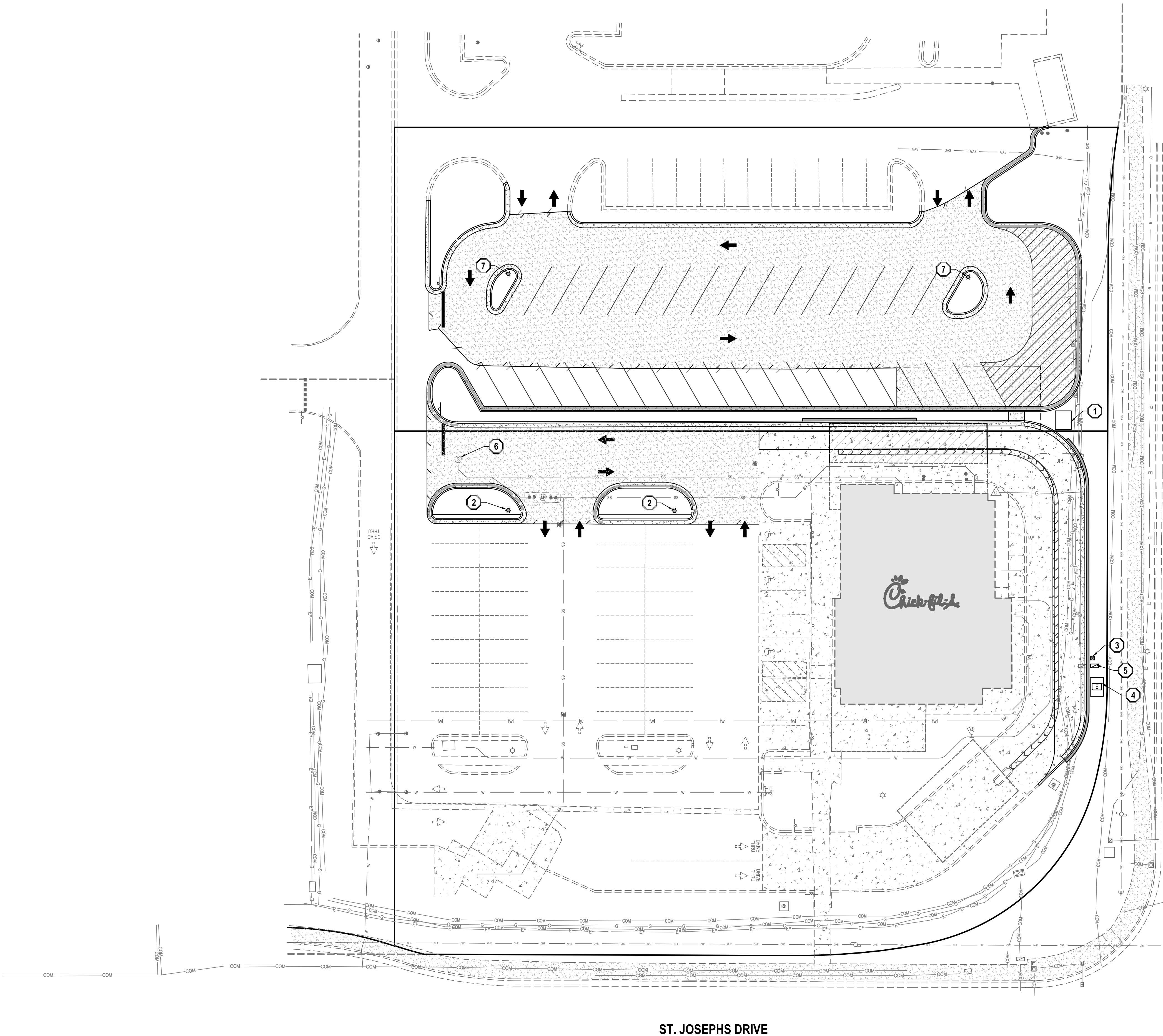
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811

Know what's below.  
Call before you dig.

CALL BLUESTAKES  
@ 811 AT LEAST 48 HOURS  
PRIOR TO THE  
COMMENCEMENT OF ANY  
CONSTRUCTION.



- GENERAL NOTES
1.

ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
2.

EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
3.

ALL SANITARY SEWER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY STANDARD PLANS AND SPECIFICATIONS.
4.

ALL WATER INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
6.

DEFLECT OR LOOP ALL WATERLINES TO AVOID CONFLICTS WITH OTHER UTILITIES PER GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
7.

PROJECT SHALL COMPLY WITH ALL NEW MEXICO DIVISION OF DRINKING WATER RULES AND REGULATIONS INCLUDING, BUT NOT LIMITED TO, THOSE PERTAINING TO BACKFLOW PROTECTION AND CROSS CONNECTION PREVENTION.
8.

THE CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL/PLUMBING PLANS.
9.

CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITY LINES.
10.

NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING UTILITY STRUCTURES OR PIPES.
11.

THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
12.

THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

- SCOPE OF WORK:
- PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:
- 1

RELOCATED ELECTRICAL TRANSFORMER. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- 2

RELOCATED LIGHT POLE. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- 3

RELOCATED ELECTRICAL PEDESTAL. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- 4

RELOCATED ELECTRICAL VAULT. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- 5

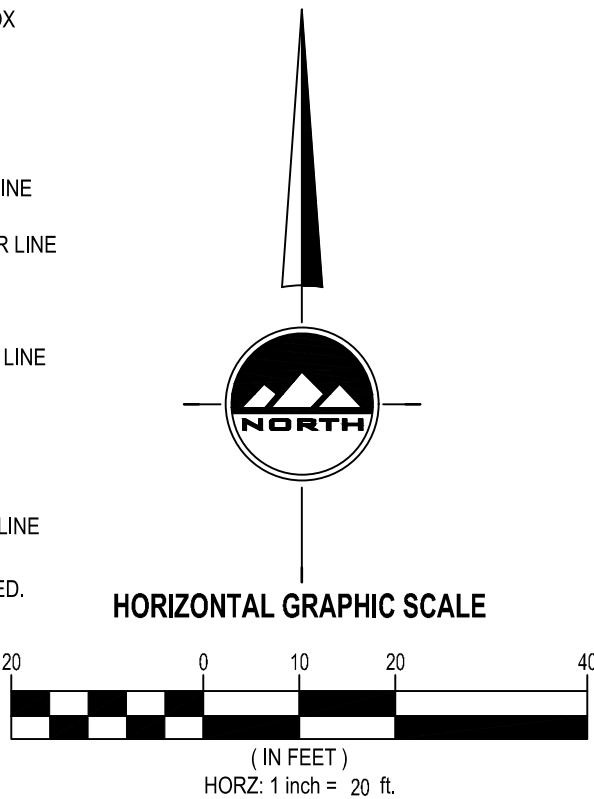
RELOCATED TELEPHONE PEDESTAL. COORDINATE WITH SERVICE PROVIDER.
- 6

ADJUST SEWER MAHOLE RIM TO GRADE.
- 7

PROPOSED LIGHT POLE. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

LEGEND	
	EXISTING WATER METER
	EXISTING WATER MANHOLE
	EXISTING WATER BOX
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING SECONDARY WATER VALVE
	EXISTING IRRIGATION BOX
	EXISTING IRRIGATION VALVE
	EXISTING GREASE TRAP MANHOLE
	EXISTING SANITARY SEWER MANHOLE
	EXISTING SANITARY CLEAN OUT
	EXISTING STORM DRAIN CLEAN OUT BOX
	EXISTING STORM DRAIN INLET BOX
	EXISTING STORM DRAIN CATCH BASIN
	EXISTING STORM DRAIN COMBO BOX
	EXISTING STORM DRAIN CLEAN OUT
	EXISTING ELECTRICAL PEDESTAL
	EXISTING ELECTRICAL BOX
	EXISTING TRANSFORMER
	EXISTING POWER POLE
	EXISTING LIGHT
	PROPOSED LIGHT
	EXISTING OVERHEAD TRAFFIC LIGHT POLE
	EXISTING GAS METER
	EXISTING GAS VALVE
	EXISTING TELEPHONE MANHOLE
	EXISTING TELEPHONE PEDESTAL
	EXISTING TRAFFIC SIGNAL BOX
	EXISTING CABLE BOX
	EXISTING SANITARY SEWER
	EXISTING CULINARY WATER LINE
	EXISTING SECONDARY WATER LINE
	EXISTING IRRIGATION LINE
	EXISTING OVERHEAD POWER LINE
	EXISTING ELECTRICAL LINE
	EXISTING GAS LINE
	EXISTING COMMUNICATIONS LINE

NOTE: MAY CONTAIN SYMBOLS THAT ARE NOT USED.



COORS BOULEVARD NW

ST. JOSEPHS DRIVE

5200 Buffington Rd.  
Atlanta Georgia,  
30349-2998

Revisions:

Mark	Date	By
△		

Seal

DAVID ALTER

NEW MEXICO

12354

06/28/2024

PROFESSIONAL ENGINEER

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COORS BLVD.

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