CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Interim Director



August 5, 2019

Troy Kelts Merrick & Company 5970 Greenwood Plaza Blvd Greenwood Village, CO 80015

RE: Chick-Fil-A @ Coors Pavilion Coors Pavilion, Lot 6 Grading and Drainage Plan Engineer's Stamp Date: 8/1/18 Drainage File: G11D069C

Dear Mr. Kelts:

PO Box 1293

Based on the submittal received on 7/31/18, the revised Grading and Drainage Plan is reapproved for Site Plan for Building Permit and Building Permit.

Prior to Certificate of Occupancy (For Information):

Albuquerque

1. Engineer's Certification, per the DPM Chapter 22.7: *Engineer's Certification Checklist For Non-Subdivision* is required.

NM 87103

2. A Bernalillo County Recorded <u>Drainage Covenant (No Public Easement)</u> is required for the infiltration trench. The original notarized form, exhibit A (legible on 8.5x11 paper), and recording fee (\$25, payable to Bernalillo County) must be turned into DRC (4th, Plaza del Sol) for routing. Please contact Charlotte LaBadie (clabadie@cabq.gov, 924-3996) regarding the routing and recording process for covenants. The routing and recording process for covenants can take a month or longer; Hydrology recommends beginning this process as soon as possible as to not delay approval for certificate of occupancy.

www.cabq.gov

If you have any questions, please contact me at 924-3695 or dpeterson@cabq.gov.

Sincerely,

Dana Peterson, P.E.

Senior Engineer, Planning Dept. Development Review Services



City of Albuquerque

Planning Department Development & Building Services Division DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REALITY 2004)

Legal Description: Coors Pavilion	, Lot 6	Hydrology File #: Work Order#:
Applicant: Merrick & Company Address: 5970 Greenwood Plaz Phone=: 303-353-3615 Owner: Child-fil-A Address: 15635 Alton Parkway	Fax#: #850 Irvina	Contact: Contact: E-mail: Contact: Contact: E-mail:
TYPE OF SUBMITTAL: PLAT (_ = 0 IS THIS A RESUBMITTAL?: DEPARTMENT: TRAFFIC TRANSPO Check all that Apply:	YesNo	
TYPE OF SUBMITTAL: ENGINEER/ARCHITECT CERTIFICATI PAD CERTIFICATION CONCEPTION G & D.B. AN	ON 31 2019 SEVEL SCTION TAPPLIC T.)	E 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
DATE SUBMITTED: 7/31	ву: ≱ 4С7 Д	DEVELOPMENT & CONSULTING, IN

ELECTRONIC SUBMITTAL RECEIVED

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City of Albuquerque Planning Department

One Stop Shop - Development and Building Services

07/31/2019 Issued By: E08375 365048

Permit Number:

2018 061 366

Category Code 970

Application Number:

18REV-61366, Review: Drain Plan-Lomr-Traffic Impact

Address:

Location Description:

CHICK-FIL-A

Project Number:

null

Applicant

Agent / Contact

Application Fees

REV Actions

\$40.00

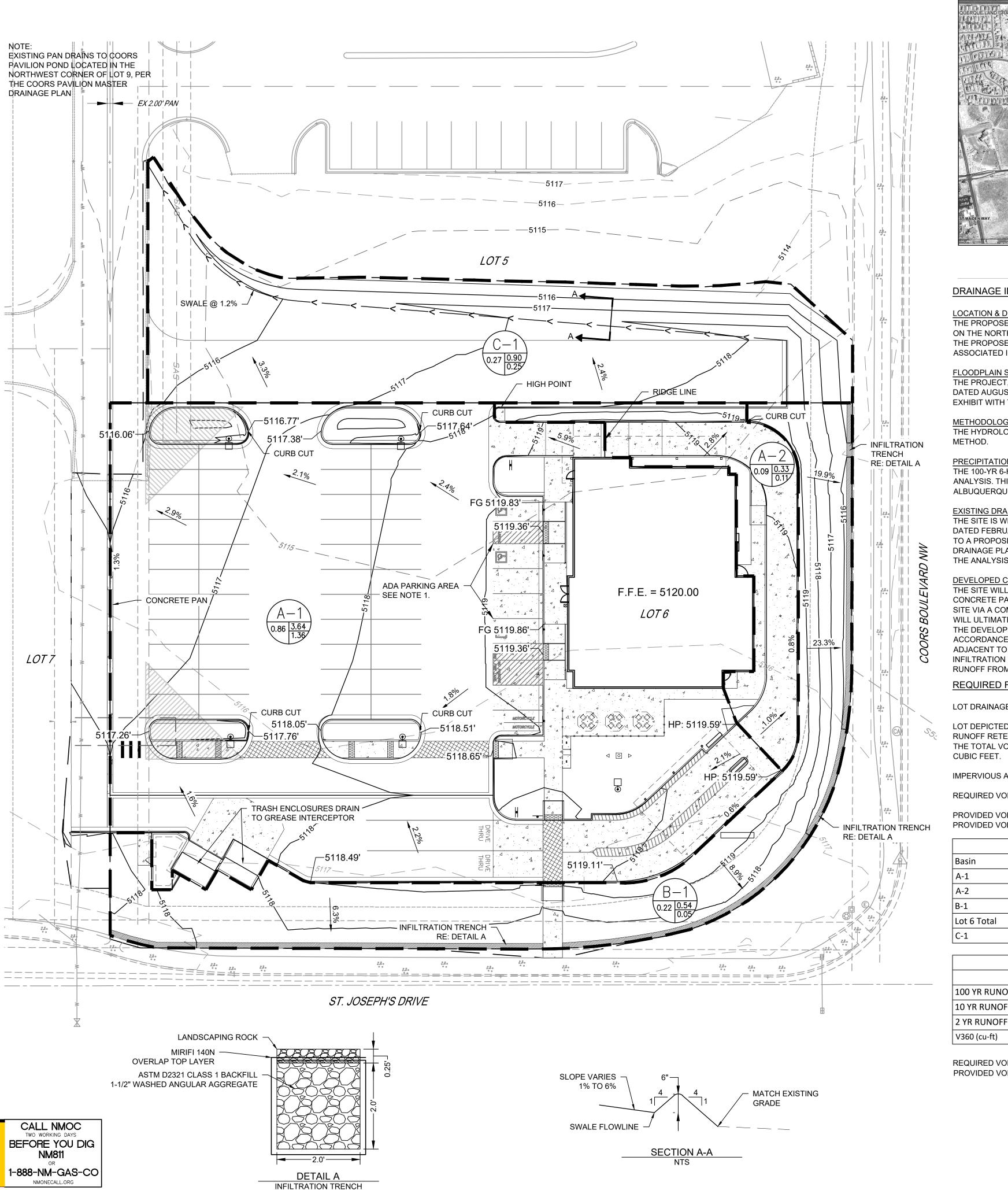
TOTAL:

\$40.00

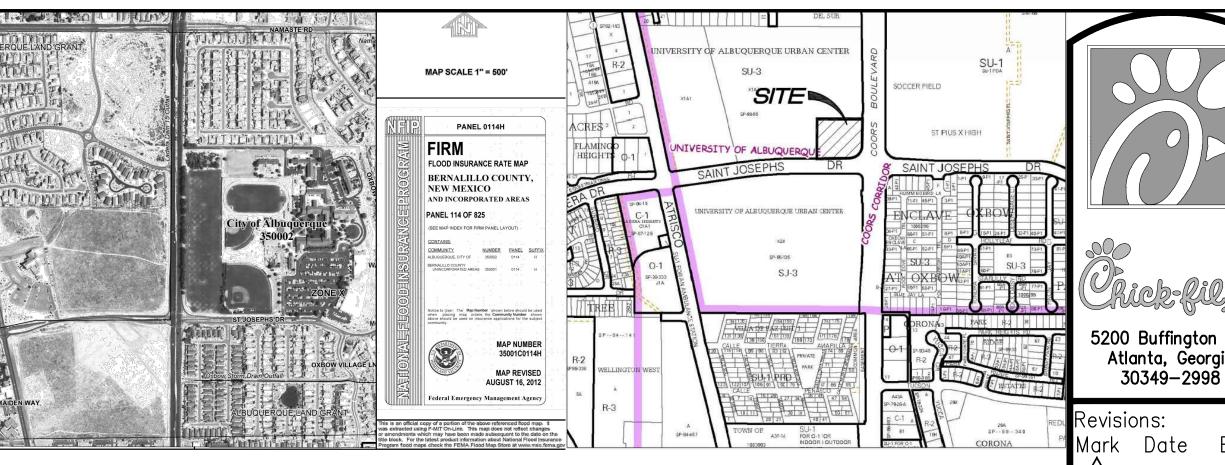
Date:7/31/2019 Off ce:ANNEX
Stat ID: Cashier:TRSRM:
Batch: 10540 Trans #:14
Permit: 2018061366
Receipt Num 00585176
Fayment Total:\$40.00
0909 REV Actions

\$40,00

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NTS



FIRM MAP NO 35001C0114H

DRAINAGE INFORMATION

LOCATION & DESCRIPTION THE PROPOSED SITE IS LOT 6 OF COORS PAVILION AND IS 1.16 ACRES LOCATED ON THE NORTH SIDE OF ST. JOSEPH'S BLVD. AND THE WEST SIDE OF COORS BLVD. THE PROPOSED DEVELOPMENT WILL BE A FAST FOOD RESTAURANT WITH ALL THE ASSOCIATED IMPROVEMENTS.

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.

THE HYDROLOGY FOR THIS PROJECT WAS ANALYZED USING THE RATIONAL

THE 100-YR 6-HR 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 PROCESS MANUAL, SECTION 22.2

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. THE LAND USE PERCENTAGES OF THAT STUDY ARE UTILIZED IN THE ANALYSIS.

THE SITE WILL BE DEVELOPED WITH SITE FLOWS FROM 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 FROM BASIN B-1 ADJACENT TO COORS BLVD AND ST. JOSEPH'S DR WILL BE CAPTURED BY AN 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

IMPERVIOUS AREA: 36,996 SF

REQUIRED VOLUME = $36,996 * (0.44-0.10)/12 = 1049 FT^3$

PROVIDED VOLUME ON SITE (BASIN A) = 0 FT^3 PROVIDED VOLUME IN DEVELOPMENT POND = 1289 FT³

Land Treatment (ac)					
Basin	Α	В	С	D	Total
A-1	0	0	0.07	0.79	0.86
A-2	0	0	0.02	0.07	0.09
B-1	0	0.13	0.08	0.00	0.21
Lot 6 Total	0	0.13	0.17	0.86	1.16
C-1	0	0.06	0.08	0.12	0.27

	Basin			
	A-1	A-2	B-1	C-1
100 YR RUNOFF (cfs)	3.65	0.36	0.51	0.90
10 YR RUNOFF (cfs)	2.39	0.23	0.23	0.53
2 YR RUNOFF (cfs)	1.37	1.37	0.13	0.05
V360 (cu-ft)	5901	563	637	1328

REQUIRED VOLUME ON SITE (BASIN B) = 637 FT^3 PROVIDED VOLUME ON SITE (BASIN B) = (410 * (2*2))0.4) = 656 FT³

NOTES:

- 1. ADA STALLS SHALL HAVE A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
- 2. ELEVATIONS ARE 51XX.XX, UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS REFERENCE FLOWLINE, BUILDING FOUNDATION OR PROPERTY LINE, UNLESS OTHERWISE SPECIFIED.

VICINITY MAP

EROSION CONTROL NOTES:

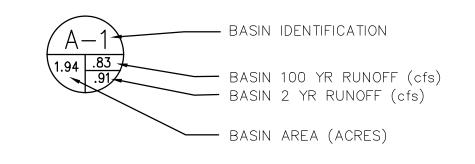
CONTRACTOR.

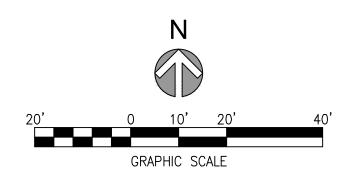
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
- REPAIR OF DAMAGED FACILITIES AND CLEANUP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

LLOLIND.	
	PROPERTY LINE
	LIMITS OF GRADING
	PROPOSED MAJOR CONTOUR
4943	PROPOSED MINOR CONTOUR
— <i>- 4945</i> - —	EXISTING MAJOR CONTOUR
— - 4943 - —	EXISTING MINOR CONTOUR
42.69'×	FLOWLINE SPOT ELEVATION
FF: 42.69'×	FINISHED FLOOR SPOT ELEVATION
FG: 42.69'×	FINISHED GRADE SPOT ELEVATION
TC: 93.41'×	TOP OF CURB SPOT ELEVATION
EG: 93.41'×	EXISTING GRADE SPOT ELEVATION
EX FL: 93.41'×	EXISTING FLOWLINE SPOT ELEVATION
2.7%	PROPOSED SLOPE ARROWS

EXISTING SLOPE ARROWS

BASIN LINES STORM INLET STORM MANHOLE







5200 Buffington Rd Atlanta, Georgia

Revisions: Mark Date By

Mark Date By

Mark Date By







CHICK-FIL-A FSU #04107 COORS BLVD. 4001 COORS BLVD NW ALBUQUERQUE, NM

STORE

SHEET TITLE

GRADING AND **DRAINAGE** PLAN

DWG EDITION ---

Job No. : <u>65119594</u> : <u>04107</u> : <u>8/1/19</u> Drawn By : <u>LV</u> Checked By: <u>KW</u>

Sheet