CITY OF ALBUQUERQUE

Planning Department Brennon Williams, Director



January 6, 2020

Glenn Broughton, P.E. Bohannan Huston, Inc. 7500 Jefferson St NE Albuquerque, NM 87109

RE: Presbyterian Hospital SE Parking Garage

1300 Central SE

Grading and Drainage Plan Stamp Date: 12/23/19

Hydrology File: K15D005G

Dear Mr. Broughton:

Based on the submittal received on 12/30/19, the Grading and Drainage Plan cannot be approved until the following corrections are made:

PO Box 1293

Prior to Building Permit and SO-19 Permit:

Albuquerque

1. The plan must state that: you could provide onsite management, you do not want to (due to cost or convenience), and the owner is electing to make the Payment in Lieu of onsite management.

NM 87103

2. Payment in Lieu (Amount = 3388cf x \$8/cf = \$27,104) of onsite management of the stormwater quality volume (SWQV) must be made. Provide SWQV calculations.

www.cabq.gov

- 3. Flow depth (and EGL) on Silver, in front of the garage entrance, needs to be calculated. Demonstrate that the EGL is less than the proposed waterblock height. Otherwise a standard 0.87' waterblock is required.
- 4. 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, 924-3420) 14 days prior to any earth disturbance.

Prior to Certificate of Occupancy (For Information):

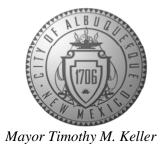
5. Engineer's Certification, per the DPM Chapter 22.7: *Engineer's Certification Checklist For Non-Subdivision* is required.

CITY OF ALBUQUERQUE

Planning Department
Brennon Williams, Director

Sincerely,

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- 6. The sidewalk culverts must be inspected and approved by Storm Drain Maintenance (Augie Armijo at (505) 857-8607).
- 7. City acceptance and close-out of the public Work Order will be required, unless a financial guarantee has been posted.

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

	Dana M. Peterson Senior Engineer, Planning Dept. Development Review Services	
PO Box 1293		
Albuquerque		
NM 87103		



TREASURY DIVISION DAILY DEPOSIT

Transmittals for: PROJECTS Only

Payment In-Lieu for Storm Water Quality Volume Requirement

CASH COUNT	AMOUNT	ACCOUNT NUMBER	FUND NUMBER	BUSINESS UNIT	PROJECT ID	ACTIVITY ID	AMOUNT
TOTAL CHECKS	\$ 27104.00	461615	305	PCDMD	24_MS4	7547210	\$ 27104.00
TOTAL AMOUNT						TOTAL DEPOSIT	\$27,104.00

Presbyterian Hospital SE Parking Garage, Hydrology#: K15D005G Name: 156,369 sf imp. Payment In-Lieu For Storm Water Quality Volume Requirement Address/Legal Description: 1300 Central SE Tract 4-A-1, Presbyterian Hospital Main Campus DEPARTMENT NAME: Planning Department/Development Review Services, Hydrology PREPARED BY Dana Peterson PHONE 924-3695 BUSINESS DATE 1/6/20 **DUAL VERIFICATION OF DEPOSIT** EMPLOYEE SIGNATURE AND BY EMPLOYEE SIGNATURE REMITTER: AMOUNT: BANK: CHECK #: DATE ON CHECK:

The Payment-in-Lieu can be paid at the Plaza del Sol Treasury, 600 2nd St. NW. **Bring three copies of this invoice to the Treasury** and provide a copy of the receipt to Hydrology, Suite 201, 600 2nd St. NW, or e-mail with the Hydrology submittal to PLNDRS@cabq.gov.



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title:Bu	ilding Permit #:	Hydrology File #:			
DRB#:EP	PC#:	Work Order#:			
Legal Description:					
City Address:					
Applicant:		Contact:			
Address:					
Phone#:Fa					
Other Contact:		Contact:			
Address:					
Phone#:Fa		E-mail:			
TYPE OF DEVELOPMENT: PLAT	RESIDENCE	DRB SITE ADMIN SITE			
Check all that Apply:					
DEPARTMENT:	BUILDIN CERTIFIC PRELIMI SITE PLA SITE PLA FINAL PI SIA/ REL FOUNDA GRADING SO-19 AF PAVING GRADING GRADING CLOMR/I FLOODPI	PERMIT APPROVAL G/PAD CERTIFICATION RDER APPROVAL			

FEE PAID:____

EXISTING

SD INLETS

■■■■■ DRAINAGE BASIN BOUNDARY

BACKGROUND:

PRESBYTERIAN HOSPITAL IS PLANNING CONSTRUCT A NEW PARKING STRUCTURE AT THE DOWNTOWN CAMPUS. THE NEW PARKING STRUCTURE IS PROPOSED IN THE NORTH EAST PORTION OF THE SITE AND IS BOUNDED BY SPRUCE, SYCAMORE, SILVER AND CENTRAL.

METHODOLOGY:

THE SITE IS LOCATED IN THE CITY OF ALBUQUERQUE AND SECTION 22.2 OF THE DEVELOPMENT PROCESS MANUAL (DPM) WAS USED TO ANALYZE THE EXISTING AND PROPOSED DRAINAGE. THE PROJECT IS LOCATED BETWEEN THE RIO GRANDE AND SAN MATEO AND IS WITHIN PRECIPITATION ZONE 2.

EXISTING CONDITIONS:

THE SITE IS FULLY DEVELOPED WITH ASPHALT PAVING AND MINIMAL LANDSCAPING. THE PARKING GARAGE SITE IS BROKEN INTO THREE BASINS. THE SOUTHERN BASIN (BASIN EXB1) FREE DISCHARGES INTO SPRUCE AND DRAINS INTO THE GOLD AVE. ALIGNMENT. THE NORTHERN TWO BASINS (BASINS EXB2 & EXB3) DRAIN NORTH TO AN EXISTING PRIVATE INLET IN THE NORTHWEST CORNER OF BASIN EXB3. THIS INLET CONNECTS TO AN EXISTING PUBLIC STORM DRAIN INLET AT THE INTERSECTION OF SPRUCE AND CENTRAL.

THE SITE IS NOT LOCATED WITHIN A DESIGNATED FEMA FLOOD ZONE (FEMA FIRM # 35001C0334G).

PROPOSED CONDITIONS:

THE SCOPE OF THE PARKING STRUCTURE IS TO CONSTRUCT A 3-LEVEL PARKING STRUCTURE IN PLACE OF THE EXISTING PAVED PARKING LOT. RUNOFF FROM THE UPPER DECK WILL BE DIRECTED TO DRAINS AND PIPED TO THE PUBLIC RIGHT OF WAY. THE DRAIN FOR THE SOUTHERN PORTION OF THE GARAGE WILL DISCHARGE AT GRADE INTO SPRUCE. THIS RUNOFF WILL CROSS SPRUCE AND DRAIN INTO THE ALIGNMENT OF GOLD AS IT CURRENTLY DOES. DRAINAGE FOR THE NORTHERN PORTION WILL PIPED AND CONNECT TO THE PRIVATE STORM DRAIN INLET AT THE NORTHWEST CORNER OF THE SITE. RUNOFF FROM THIS AREA CURRENTLY DRAINS ON THE SURFACE AND IS INTERCEPTED BY THE INLET. SURFACE RUNOFF THAT DRAINS TO THIS INLET WILL BE SIGNIFICANTLY REDUCED WITH THE PROPOSED PARKING STRUCTURE, BUT THE TOTAL PEAK FLOW RATE TO THE PUBLIC STORM DRAIN AT THE SOUTHEAST CORNER OF SPRUCE AND CENTRAL IS ESSENTIALLY EQUAL TO THE CURRENT CONDITION.

REFER TO THE DRAINAGE MANAGEMENT PLAN FOR DELINEATION OF THE DRAINAGE BASINS, LAND TREATMENTS AND RUNOFF PEAK FLOW RATES.

STORM WATER POLLUTION CONTROL - WATER QUALITY RUNOFF VOLUME:

NO RETENTION VOLUME WILL BE PROVIDED WITH THESE SITE MODIFICATIONS. THE SITE IS EXTREMELY CONGESTED WITH LITTLE AVAILABLE SPACE TO PROVIDE ONSITE STORM WATER RETENTION. THE WATER QUALITY VOLUME AND FEES WILL BE BASED ON THE CALCULATED STORM WATER RETENTION REQUIRED FOR THE REDEVELOPMENT OF THIS PORTION OF THE HOSPITAL CAMPUS.

CONCLUSION:

THE AREA THAT IS PROPOSED FOR REDEVELOPMENT CURRENTLY DISCHARGES TO THE PUBLIC RIGHT OF WAY OR PUBLIC STORM DRAIN. WITH THE REDEVELOPMENT OF THIS SITE THE EXISTING DRAINAGE PATTERNS AND PEAK DISCHARGE FLOW RATES WILL NOT SIGNIFICANTLY CHANGE. PROVIDING ONSITE RETENTION VOLUME TO COMPLY WITH SECTION 22.9 OF THE DPM IS NOT TECHNICALLY FEASIBLE. THE OWNER WILL PAY CASH IN LIEU BASED ON THE CALCULATED RETENTION VOLUME OF 3,388 CUBIC FEET. THIS DRAINAGE MANAGEMENT PLAN IS BEING SUBMITTED IN SUPPORT OF HYDROLOGY APPROVAL FOR BUILDING PERMIT.

PHS Hospital Expansion: Parking Structure Building Permit Submittal											
			ı	Existing D	eveloped (Conditions	Basin Data	Table			
				This table is	s based on t	ne DPM Sect	tion 22.2, Zone:	2			
Basin	Area	Area	Land	d Treatme	nt Percent	ages	Q(100yr)	Q(100yr)	V(100yr)	V _(100yr-6hr)	V _(100yr-24hr)
ID	(SQ. FT)	(AC.)	Α	В	С	D	(cfs/ac.)	(CFS)	(inches)	(CF)	(CF)
EXB1	71334	1.64	0.0%	0.0%	13.0%	87.0%	4.5	7.4	1.99	11837	13906
EXB2	76995	1.77	0.0%	0.0%	7.0%	93.0%	4.6	8.1	2.05	13158	15545
EXB3	36689	0.84	0.0%	0.0%	45.0%	55.0%	4.0	3.4	1.67	5120	5792

40 20 0 40 SCALE: 1"=40'

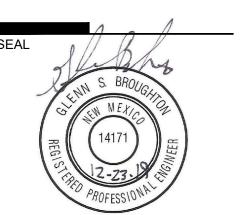


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ARCHITECTURE / DESIGN / INSPIRATION

7601 JEFFERSON NE, SUITE 100 ALBUQUERQUE, NM \$7109

505.761.9700 / DPSDESIGN.ORG



PROJECT

1300 Central Ave SE Albuquerque, NM 871

BID/PERMIT DOCUMENTS

DRAWN BY BO
REVIEWED BY GSB
DATE 12/23/2019
PROJECT NO. 19-0010.001
DRAWING NAME

EXISTING DRAINAGE MANAGEMENT PLAN

SHEET NO.

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SHEET NO.

Fri, 27-Dec-2019 - 8:54:am, Plotted by: BORTEGA P:\20190464\CDP\Hydro\Parking Garage - Building Permit\Existing DMP.dwg

ing DMP dwg

EXISTING DRAINAGE MANAGEMENT PLAN

SILVER AVENUE SÉ

EXB1

**

-CENTRAL AVENUE-SE -

EXB2

EXB3

3

11.5 cfs

24

GOLD AVENUE SE

5

LILLIANIA

DRAWN BY PROJECT NO. DRAWING NAME

PROPOSED DRAINAGE

MANAGEMENT PLAN

SHEET NO.

PHS Hospital Expansion: Parking Structure Building Permit Submittal Proposed Developed Conditions Basin Data Table This table is based on the DPM Section 22.2, Zone: 2 V(100yr) V_(100yr-6hr) Basin Q(100yr) Q(100yr) (SQ. FT) (AC.) (CF) (CFS) (cfs/ac.) (inches) **CURRENT ONSITE BASINS** 12068 68311 1.57 0.0% 100.0% 2.12 1480 7.4 1.53 0.0% 100.0% 7.2 2.12 11794 1446 0.0% 1.15 0.21 98.0% 3.2 0.7 876 2.8 1.78 4405 424 4.2 34.0% | 66.0% 1.32 332 0.2 0.0% 81.0% 19.0% 3408 0.0% 0.0% 93.0% 0.3 1.20 341 4778 0.0% 0.0% 84.0% 16.0% 0.4 1.29 513 17

Concrete Rundown - Sidewalk Culvert										
Rundown		Rundown	Actual	Min Weir**	Proposed Weir	Weir Opening	Channel	Channel	Minimum	Capacity*
#	Basin ID	Туре	Flow (Q100)	Width ft	Width ft	Height ft	Height ft	Width ft	Slope	CFS
R1	B6	Rectang	0.3	2.00	1.00	0.67	0.67	1.00	1.00%	3.33
R2	B1	Rectang	7.4	4.00	3.00	0.67	0.67	3.00	1.00%	13.75
ĺ	Weir Eq: Q=2.65L(h^1.5) - ** Capacity Based on Manning's Eq w/ N=0.013 -							w/ N=0.013 - *		

INLET TABLE						
Basin Actual		Avail	Capacity			
Inlet Type		Flow (cfs)	Head (ft)	(cfs)		
EXISTING COA DOUBLE TYPE D INLET	B4	2.84	0.70	21.42		
-	Inlet Type ² EXISTING COA DOUBLE TYPE D INLET	Inlet Type ² Basin	Inlet Type ² Basin Actual Flow (cfs)	Inlet Type ² Basin Actual Avail Flow (cfs) Head (ft)		

PIPE#	INLET/SD/BASIN	Size in.	Slope	Capacity*	ACTUAL FLOW cfs
SD1	B2	18	12.10%	36.54	7.20

LEGEND

3388

TOTAL

■■■■■ DRAINAGE BASIN BOUNDARY

PHASE 2 FUTURE EXPANSION

PROPOSED DRAINAGE MANAGEMENT PLAN

Bohannan A Huston

Fri, 27-Dec-2019 - 8:55:am, Plotted by: BORTEGA P:\20190464\CDP\Hydro\Parking Garage - Building Permit\Proposed DMP.dwg

GOLD AVENUE SE 8.3 cfs

CENTRAL AVENUE SE

1ST LEVEL FF = 5101.00 2ND LEVEL FF = 5112.0 3RD LEVEL FF = 5123.0

1ST LEVEL FF = 5101.00 2ND LEVEL FF = 5112.0

3RD LEVEL FF = 5123.0

0.4 cfs SILVER AVENUE SE B7

EXISTING TYPE D

DOUBLE GRATE SD INLET

EXISTING

SD INLETS

- B3

SD INLET

PROJECT BENCH MARK

GEOGRAPHIC POSITION (NAD 1983) NM STATE PLANE COORDINATES (CENTRAL ZONE, US SURVEY FOOT) N= 1485713.773 USft E= 1523768.861 USft

SCALE: 1"=40'

ALBUQUERQUE GEODETIC REFERENCE STATION "5_K15BR RESET 1982" GROUND-TO-GRID FACTOR = 0.999679809

DELTA ALPHA = -00°13'26.78"

NAVD 1988 ELEVATION= 5010.623 USft

GENERAL NOTES

- 1. ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND
- THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE, CITY OF ALBUQUERQUE PUBLIC WORKS STANDARDS SHALL APPLY.
- 2. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.
- 3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
- 5. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED
- 6. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- 7. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- 8. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- 9. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).
- 10. ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- 11. THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- 12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- 13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES.
- 14. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.

GRADING NOTES

- 1. EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- 2. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.
- 3. ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION". ALL OTHER WORK SHALL UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
- 4. EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- 5. IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS
- 6. THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY.
- 7. A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- 8. PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.
- 9. VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.



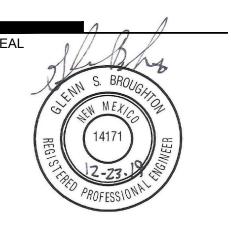
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ARCHITECTURE / DESIGN / INSPIRATION

7601 JEFFERSON NE, SUITE 100 ALBUQUERQUE, NM 87109

505.761.9700 / DPSDESIGN.ORG



PROJECT

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BID/PERMIT DOCUMENTS

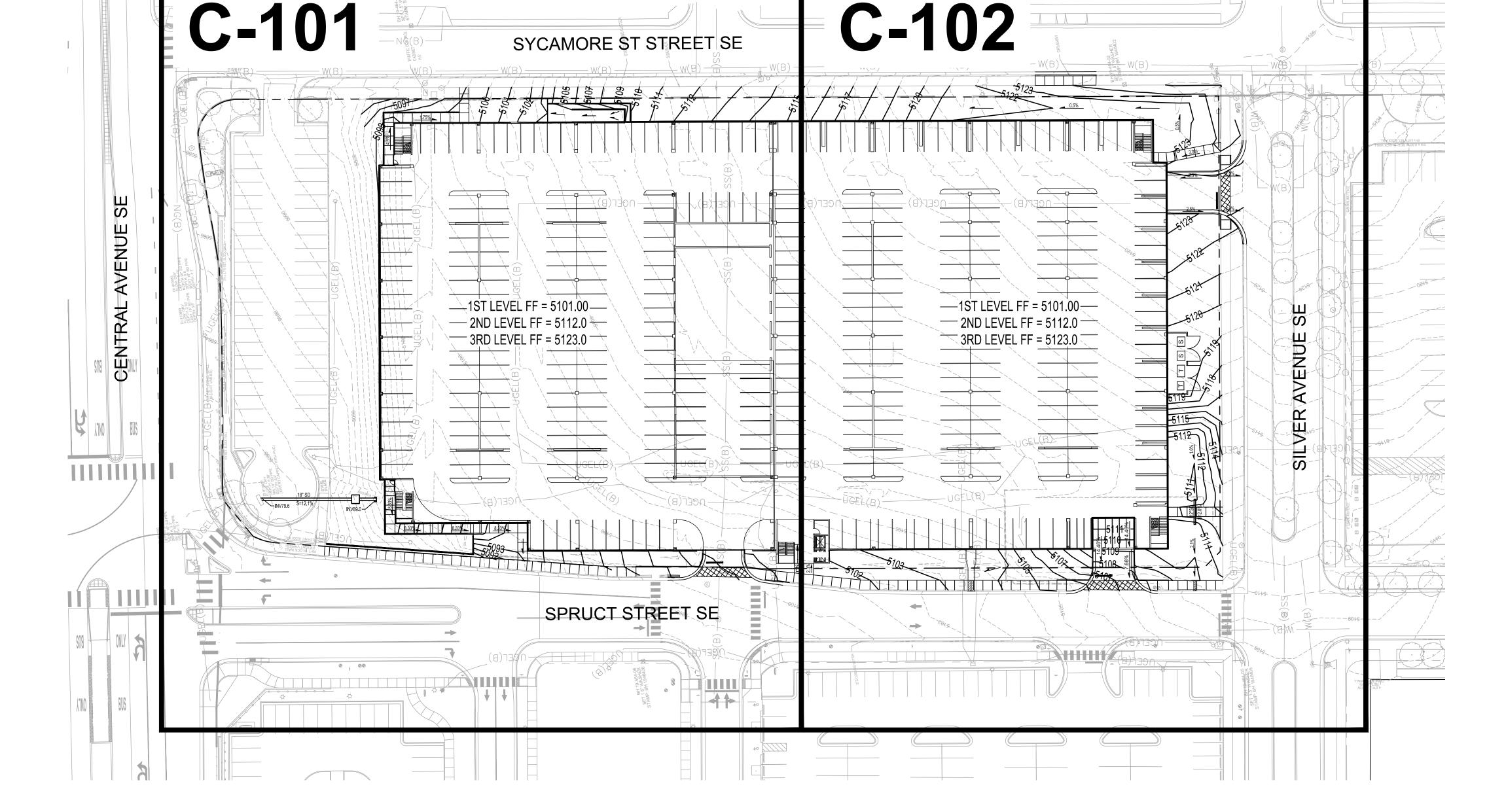
REVISIONS

DRAWN BY ВО REVIEWED BY GSB DATE 12/23/2019 PROJECT NO. 19-0010.001 DRAWING NAME

OVERALL GRADING & DRAINAGE PLAN

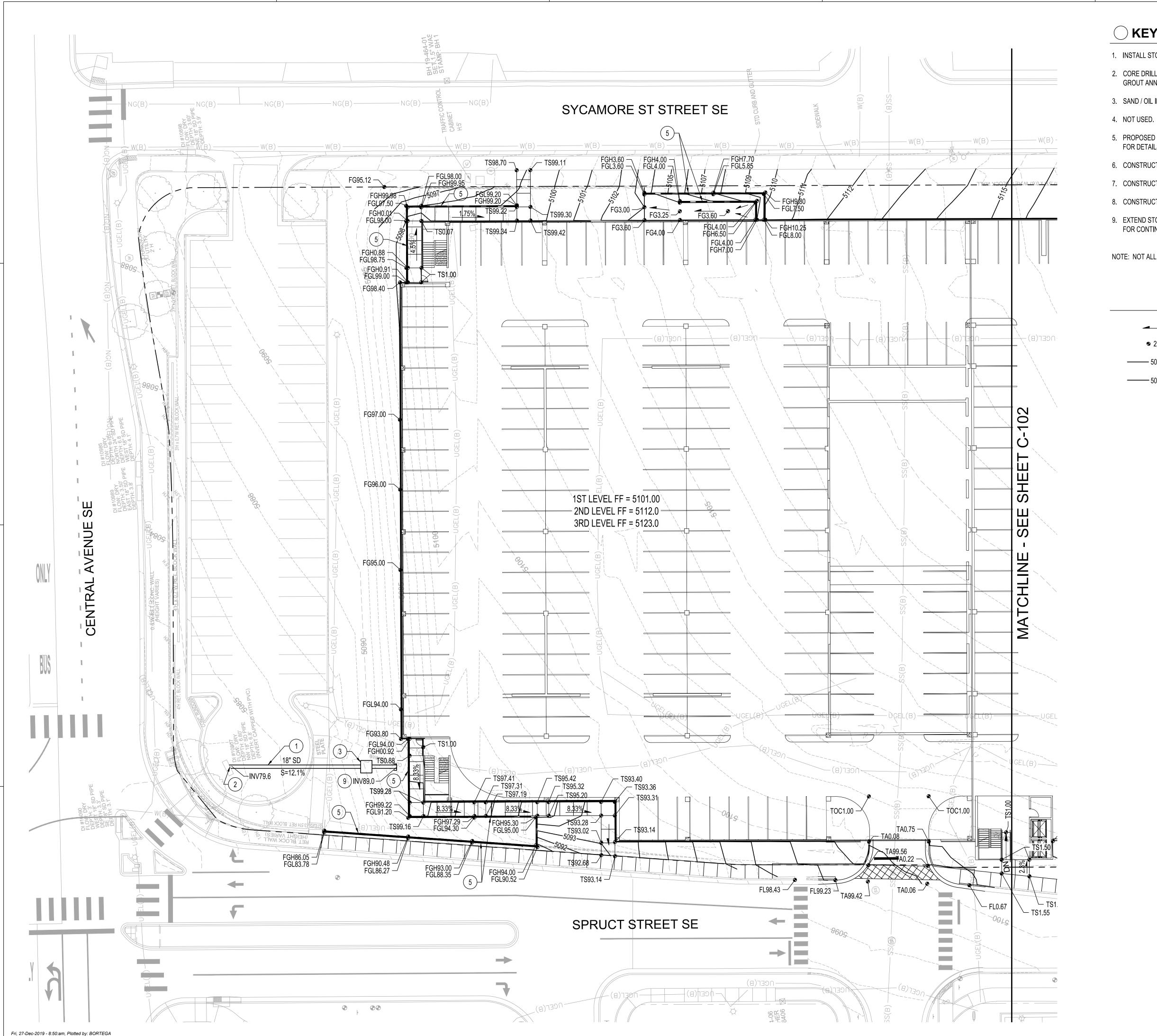
SHEET NO.

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Fri. 27-Dec-2019 - 8:48:am. Plotted by: BORTEGA

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KEYED NOTES

- 1. INSTALL STORM DRAIN PIPE. SEE PLAN FOR SIZE & SLOPE.
- 2. CORE DRILL AND CONNECT TO EXISTING PRIVATE STORM DRAIN INLET. GROUT ANNULAR SPACE.
- 3. SAND / OIL INTERCEPTOR, SEE PLUMBING PLANS.
- 5. PROPOSED RETAINING WALL. SEE ARCHITECTURAL / STRUCTURAL PLANS FOR DETAILS.
- 6. CONSTRUCT CONCRETE RIBBON CHANNEL. SEE DETAIL THIS SHEET.
- 7. CONSTRUCT 12" WIDE SIDEWALK CULVERT PER COA STD DWG 2236.
- 8. CONSTRUCT 2 18" WIDE SIDEWALK CULVERTS PER COA STD DWG 2236.
- 9. EXTEND STORM DRAIN TO WITHIN 5' OF BUILDING. SEE PLUMBING PLANS FOR CONTINUATION.

NOTE: NOT ALL KEYED NOTES MAY APPLY TO THIS SHEET.

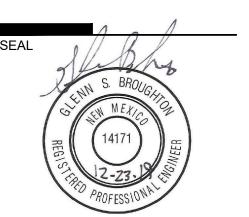
GRADING LEGEND

DIRECTION OF FLOW **3** 23.00 PROPOSED SPOT ELEVATION PROPOSED INDEX CONTOUR PROPOSED INTERMEDIATE CONTOUR ARCHITECTURE / DESIGN / INSPIRATION

DEKKER PERICH SABATINI

7601 JEFFERSON NE, SUITE 100 ALBUQUERQUE, NM 87109

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PROJECT

1300 Centra Albuquerque,

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REVISIONS

PH

DRAWN BY REVIEWED BY 12/23/2019 PROJECT NO. 19-0010.001

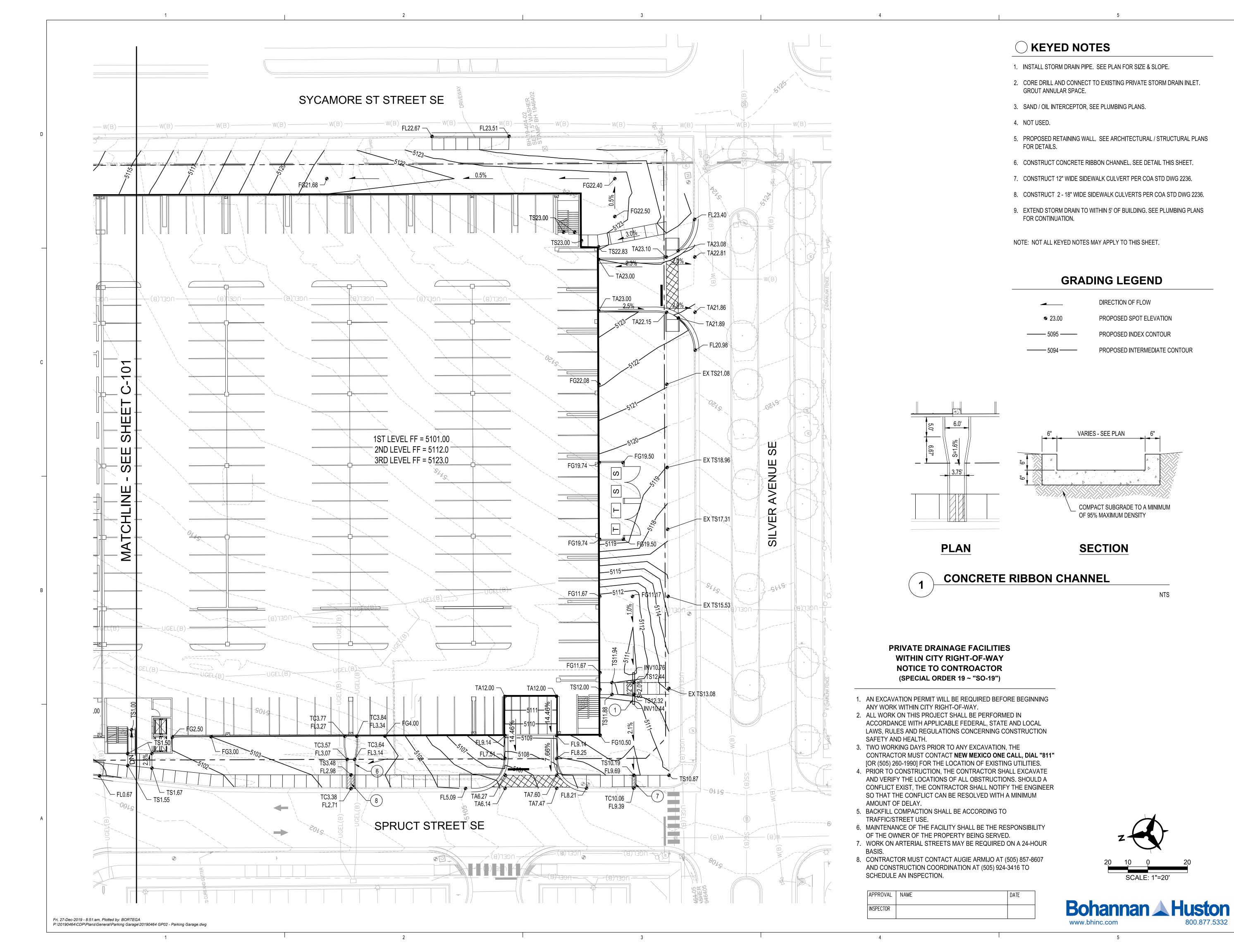
DRAWING NAME

GRADING & DRAINAGE PLAN

SCALE: 1"=20'

Bohannan A Huston

C-101

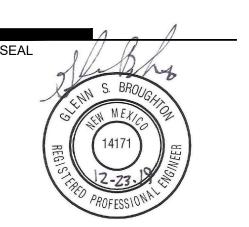


ARCHITECTURE / DESIGN / INSPIRATION

DEKKER
PERICH
SABATINI

7601 JEFFERSON NE, SUITE 100 ALBUQUERQUE, NM 87109

505.761.9700 / DPSDESIGN.ORG



PROJECT

PARKING GARAGE

BID/PERMIT

1300 (Albuque

DRAWN BY	ВО
REVIEWED BY	GSB
DATE	12/23/2019
PROJECT NO.	19-0010.001

DRAWING NAME

GRADING &
DRAINAGE PLAN

SHEET NO.