

**DEVELOPER**  
 WHATABRANDS REAL ESTATE  
 CONTACT: CINDY ESPINOZA  
 300 CONCORD PLAZA DRIVE  
 SAN ANTONIO, TX 78216  
 PHONE: 210-476-6180  
 EMAIL: CESPINOZA@WBHQ.COM

**CIVIL ENGINEER**  
 SUSTAINABILITY ENGINEERING GROUP  
 8280 E. GELDING DR, SUITE 101  
 SCOTTSDALE, ARIZONA 85260  
 PHONE: 480-237-2507  
 ATTN: ALI FAKIH

**OWNER**  
 GREEN JEANS WEST, LLC  
 2929 MONTE VISTA NE  
 ALBUQUERQUE, NM 87106

# WHATABURGER

## GRADING AND DRAINAGE PLAN

6100 ALAMEDA BLVD NE, ALBUQUERQUE, NM  
 A PORTION OF SECTION 13, TOWNSHIP 11 NORTH, RANGE 3 EAST  
 BERNALILLO COUNTY, NEW MEXICO.

ALI FAKIH  
 NEW MEXICO  
 PROFESSIONAL ENGINEER  
 EXPIRATION DATE: 12-31-2022  
 SIGNATURE DATE: 04-18-2022

**SUSTAINABILITY ENGINEERING GROUP**

8280 E. GELDING DRIVE SUITE 101, SCOTTSDALE, ARIZONA 85260  
 WWW.AZSEEG.COM TEL. 480.586.7226 FAX. 480.259.3534

**SEG**

**WHATABURGER**

**811**

CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

**PROJECT**  
 WHATABURGER NM SEC ALAMEDA BLVD NE & SAN PEDRO AVE NE

**LOCATION**  
 6100 ALAMEDA BLVD NE ALBUQUERQUE, NM

**DATE:** 04/18/2022

**ISSUED FOR:** DRB

**REVISION NO.:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

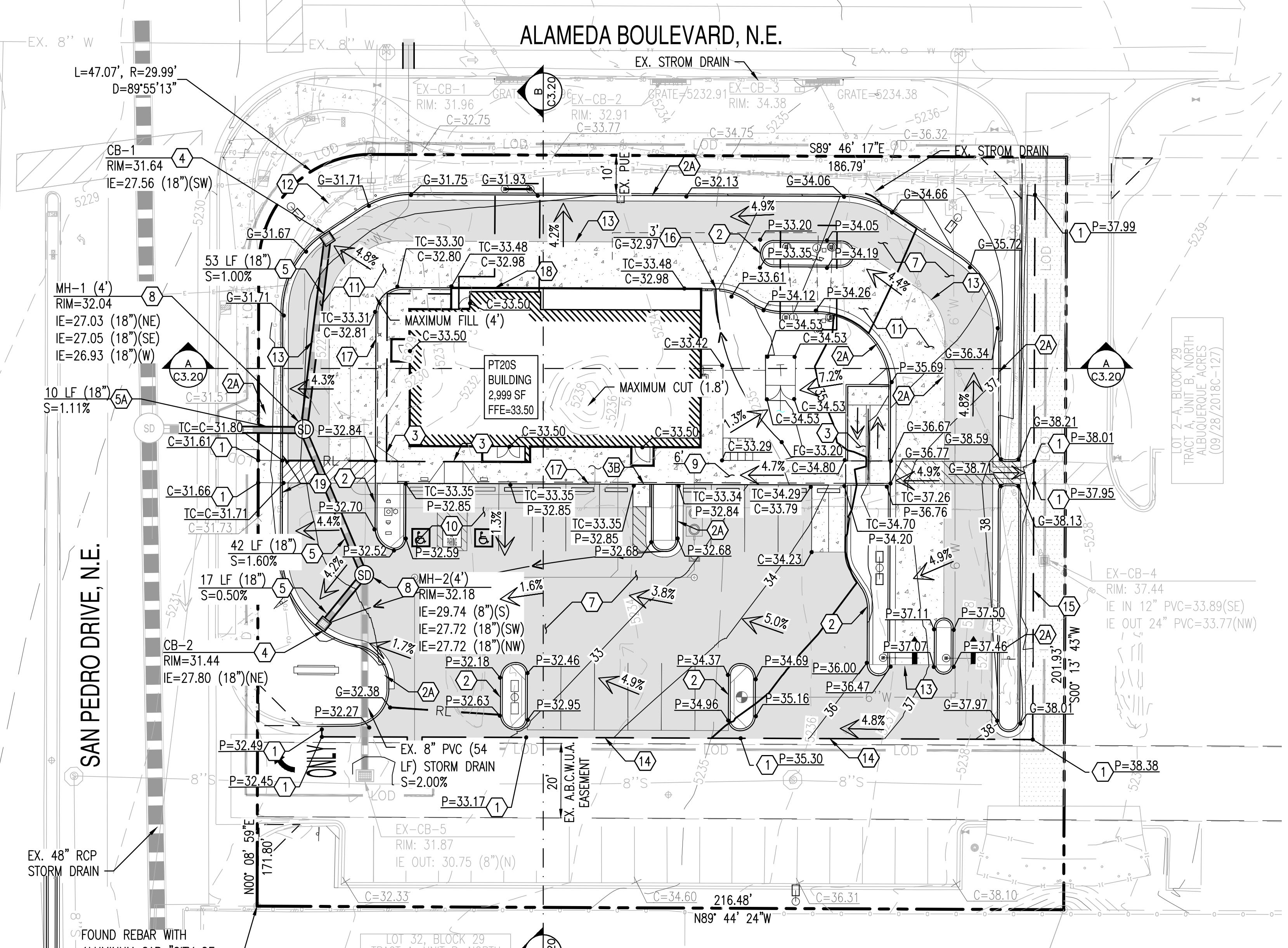
**JOB NO.:** 210907

**SHEET TITLE:** GRADING AND DRAINAGE PLAN

**PAGE NO.:** 1 OF 5 **SHEET NO.:** C3.00

**GRADING AND DRAINAGE PLAN**

1 OF 5 **C3.00**



### GRADING CONSTRUCTION KEY NOTES

- 1 MATCH EXISTING GRADE; CONTRACTOR TO VERIFY IN FIELD ALL GRADES PRIOR TO CONSTRUCTION ACTIVITIES AND CONTACT ENGINEER IN CASE OF ANY DISCREPANCIES.
- 2 CONSTRUCT 6" HEADER CURB PER COA STD. DET. 2415C
- 2A CONSTRUCT 6" VERTICAL CURB AND GUTTER PER COA STD DWG 2415-A.
- 3 CONSTRUCT ADA RAMP. PER SITE PLANS.
- 3B CONSTRUCT DELIVERY RAMP PER DET. 2/C3.10.
- 4 FURNISH AND INSTALL NYLOPLAST DRAIN BASIN WITH 30" RISER AND 2'X3' STEEL GRATE PER DET. 14/C3.20
- 5 FURNISH AND INSTALL HDPE DOUBLE WALL PIPE, CLASS 100; LENGTH, SIZE AND SLOPE PER PLAN.
- 5A FURNISH AND INSTALL REINFORCED CLASS III CONCRETE PIPE, LENGTH, SIZE AND SLOPE PER PLAN.
- 6 FURNISH AND INSTALL 30" NYLOPLAST DRAIN BASIN WITH SOLID LID. PER DET. 13/C3.12.
- 7 CONSTRUCT HEAVY DUTY PAVEMENT PER DETAIL 5/C3.10.
- 8 FURNISH AND INSTALL 4" MANHOLE PER COA DETAIL 2208.
- 9 CONSTRUCT CONCRETE SIDEWALK PER COA STD DWG 2430. WIDTH PER PLAN.
- 10 CONSTRUCT PAVEMENT WITH 2% MAXIMUM SLOPE IN ANY DIRECTION AT ACCESSIBLE PARKING STALLS AND 2% MAXIMUM CROSS SLOPE AT ADA ACCESSIBLE ROUTE.
- 11 CONSTRUCT CONCRETE PAVEMENT PER DETAIL 6/C3.10.
- 12 CAUTION! PROTECT EXISTING GAS AND POWER UTILITIES.
- 13 PAVING TRANSITION PER DET. 7/C3.10.
- 14 TRANSITION TO EXISTING PAVEMENT PER DET. 1/C3.10.
- 15 SAWCUT, REMOVE AND REPLACE EXISTING PAVEMENT.
- 16 CONSTRUCT 3' CURB OPENING. PER DET. 3/C3.10.
- 17 TURN DOWN SIDEWALK. PER DET. 9/C3.10.
- 18 TURN DOWN SIDEWALK. PER DET. 16/C3.11.
- 19 5' CURB TRANSITION FROM 6" TO 0" REVEAL.

**EXISTING CONDITIONS AND PROPOSED DEVELOPMENT:**  
 THE EXISTING SITE IS PARTIALLY DEVELOPED. THE SOUTHERN PORTION OF THE PROPERTY INCLUDES A PARKING LOT WITH LANDSCAPE ISLANDS WHILE THE NORTH AREA REMAINS UNDEVELOPED WITH AN EXISTING DRAINAGE POND, DIRT PILES AND STORAGE CONTAINER. DRAINAGE STRUCTURES, SEWER AND WATER LINES, AND DRY UTILITIES SUCH AS POWER, GAS AND ELECTRICITY EXIST WITHIN THE SITE. LOT ELEVATION DROP FROM 1,238' AT THE EAST PROPERTY LINE TO ABOUT 1,232' AT THE WEST PROPERTY LINE.

THE PROJECT WILL CONSIST IN THE DEMOLITION OF MOST OF THE EXISTING SOUTH PARKING LOT AND THE CONSTRUCTION OF A FAST FOOD RESTAURANT (2,999 SF) WITH A DRIVE-THRU, PARKING AREA, AND DESIGNATED LANDSCAPE.

### PRIVATE DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY NOTICE TO CONTRACTOR

(SPECIAL ORDER 19 ~ "S0-19")

1. BUILD SIDEWALK CULVERT PER COA STD DWG 2236. WORK IS PERMITTED AND INSPECTED BY DMD CONSTRUCTION SERVICES DIVISION.
2. AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL, DIAL "811" [OR (505) 260-1990] FOR THE LOCATION OF EXISTING UTILITIES.
5. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
6. BACKFILL COMPACTION SHALL BE 95%.
7. MAINTENANCE OF THE FACILITY SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY BEING SERVED.
8. WORK ON ARTERIAL STREETS MAY BE REQUIRED ON A 24-HOUR BASIS.
9. FOR EXCAVATION AND BARRICADING INSPECTIONS, CONTACT DMD CONSTRUCTION SERVICES DIVISION.

### EXISTING LEGEND:

- XXXX--- EX. MAJOR CONTOURS
- XXXX--- EX. MINOR CONTOURS
- TC:XX.XX  
GE:XX.XX EX. SPOT ELEVATION
- EASEMENT LINE AS NOTED
- EX. S SEWER LINE
- EX. W WATER LINE
- EX. WV WATER VALVE
- EX. FH FIRE HYDRANT
- S--- STORM DRAIN LINE
- CB STORM CATCH BASIN
- S--- STORM MANHOLE
- G--- GAS LINE
- F--- FENCE
- S--- SIGN
- S--- STREET LIGHT
- T--- TREE
- R--- ROAD CENTERLINE

### PROPOSED GRADING LEGEND:

- G=XX.XX GUTTER ELEVATION, TC = G+0.5'
- P=XX.XX PAVEMENT ELEVATION
- C=XX.XX CONCRETE ELEVATION
- P--- PROPERTY LINE
- C&G--- CURB AND GUTTER
- V--- VERTICAL CURB
- RL--- RIDGELINE
- LOC--- LIMIT OF ONSITE CONSTRUCTION
- F--- FLOW ARROW
- CB--- CATCH BASIN
- S--- STORM PIPE
- SD STORM MANHOLE
- WM WATER METER
- GV GATE VALVE
- FH FIRE HYDRANT
- C--- CONCRETE PAVEMENT
- H--- HEAVY DUTY PAVEMENT
- S--- STORM INLET

MONUMENT "10\_C18"  
 STANDARD C.O.A. ALUMINUM DISC  
 (FOUND IN PLACE)  
 NEW MEXICO STATE PLANE COORDINATES  
 (CENTRAL ZONE-N.A.D. 1983)  
 N=1,524,123.885 US SURVEY FEET  
 E=1,542,565.263 US SURVEY FEET  
 PUBLISHED EL=5222.09 US SURVEY FEET  
 (NAVD 1988)  
 GROUND TO GRID FACTOR=0.999665042  
 DELTA ALPHA ANGLE=-0°11'19.42"

A.G.R.S. MONUMENT "9\_C18"  
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 E=1,542,501.428 US SURVEY FEET  
 PUBLISHED EL=5232.47 US SURVEY FEET  
 (NAVD 1988)  
 GROUND TO GRID FACTOR=0.999664563  
 DELTA ALPHA ANGLE=-0°11'19.69"

NOTE:  
 INVERT ELEVATIONS TO BE VERIFIED IN FIELD.

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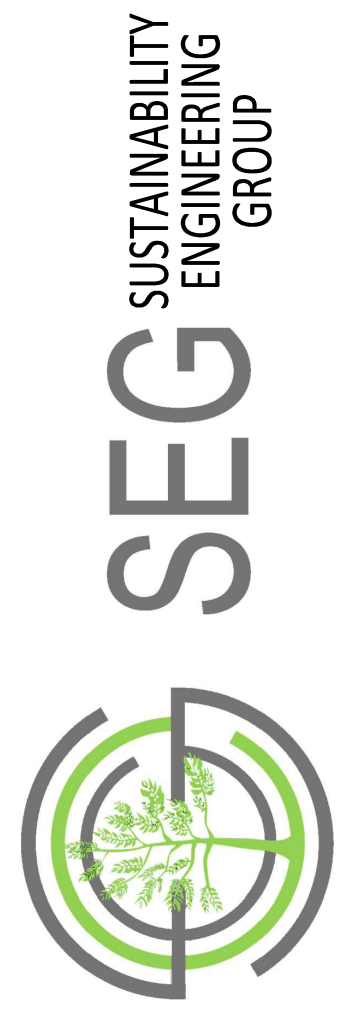
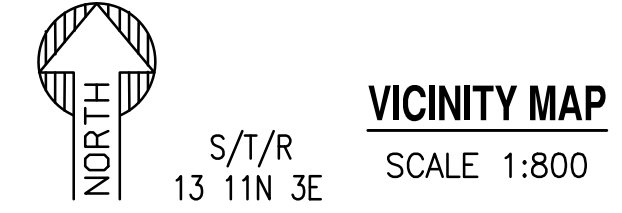
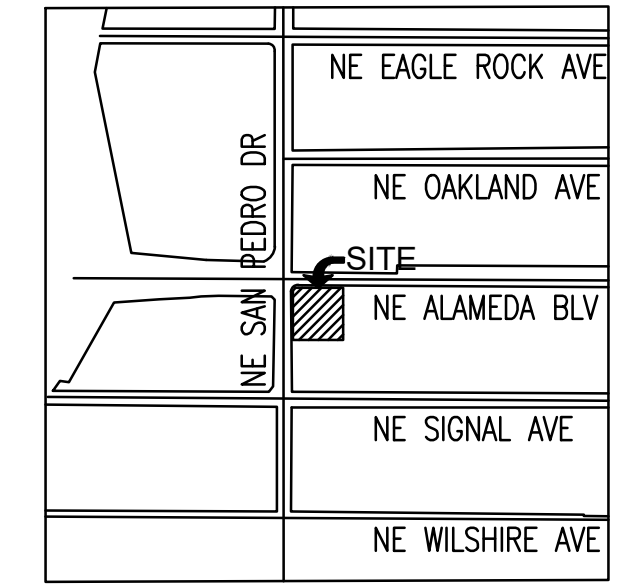
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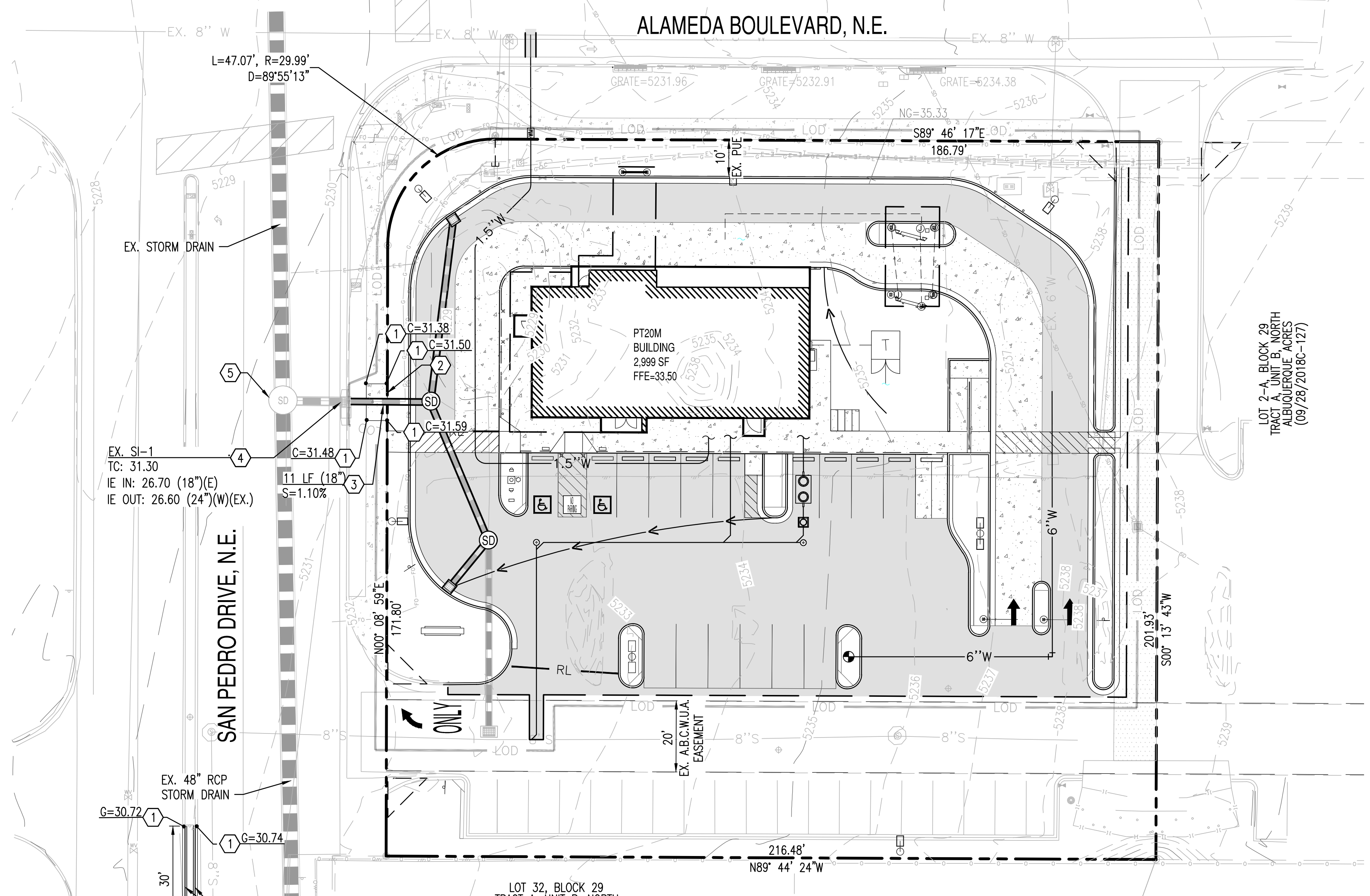
# WHATABURGER

## OFF-SITE GRADING AND DRAINAGE PLAN

6100 ALAMEDA BLVD NE, ALBUQUERQUE, NM  
 A PORTION OF SECTION 13, TOWNSHIP 11 NORTH, RANGE 3 EAST  
 BERNALILLO COUNTY, NEW MEXICO.



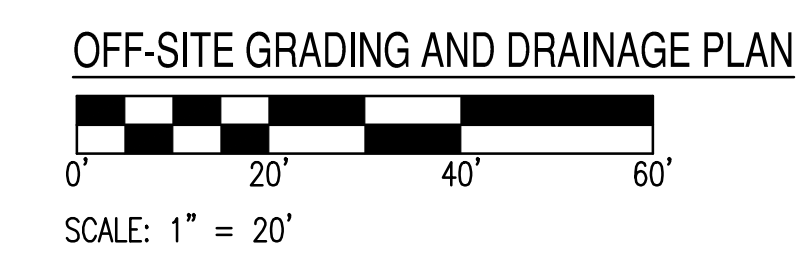
8280 E. GELDING DRIVE SUITE 101, SCOTTSDALE, ARIZONA 85260  
 WWW.AZSEG.COM TEL: 480.588.7226 FAX: 480.293.3534



### GRADING CONSTRUCTION KEY NOTES

- MATCH EXISTING GRADE; CONTRACTOR TO VERIFY IN FIELD ALL GRADES PRIOR TO CONSTRUCTION ACTIVITIES AND CONTACT ENGINEER IN CASE OF ANY DISCREPANCIES.
- REMOVE AND REPLACE EXISTING SIDEWALK AS REQUIRED FOR UTILITY CONSTRUCTION. REMOVE TO NEAREST JOINT.
- FURNISH AND INSTALL REINFORCED CLASS III CONCRETE PIPE, LENGTH, SIZE AND SLOPE PER PLAN.
- CONNECT PIPE TO EXISTING PUBLIC STORM INLET.
- EXISTING PUBLIC 8" DIA MANHOLE
- CONSTRUCT MOUNTABLE MEDIAN CURB PER COA STD. DWG 2415A.

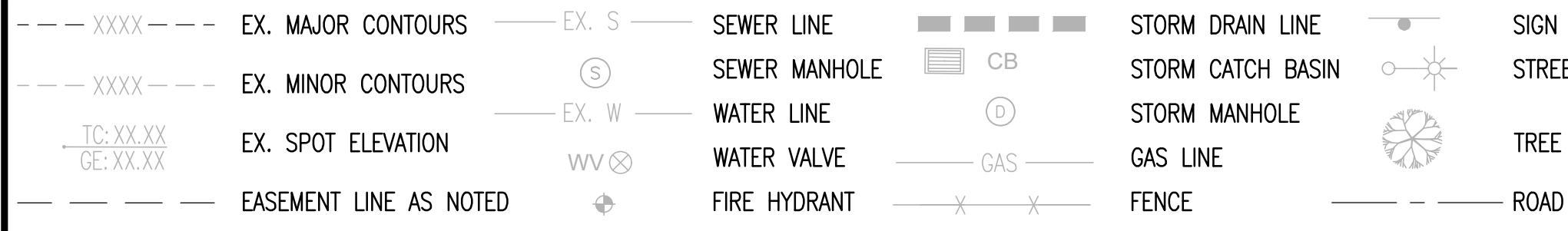
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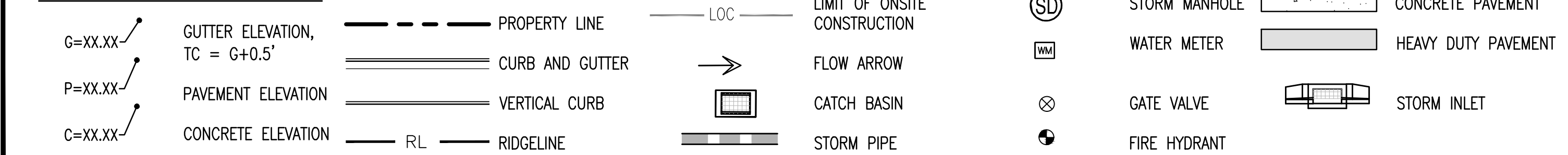
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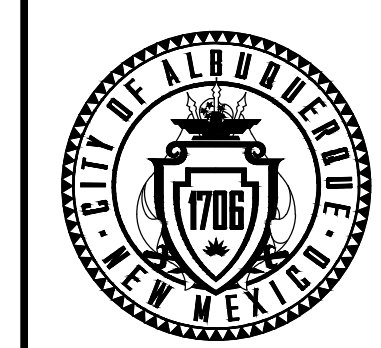
### EXISTING LEGEND:



### PROPOSED GRADING LEGEND:



CALL NM ONE-CALL  
 SYSTEM SEVEN (7) DAYS  
 PRIOR TO ANY EXCAVATION



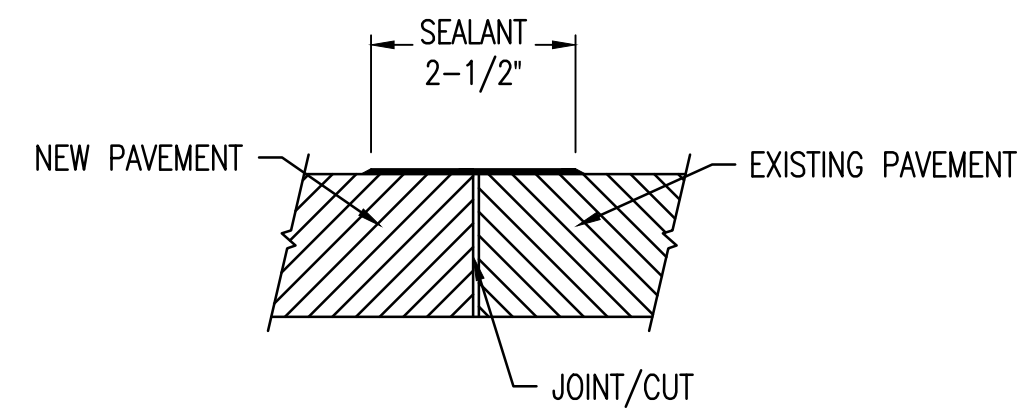
CITY OF ALBUQUERQUE  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION

OFF-SITE GRADING & DRAINAGE  
 PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. <b>Z-99</b>
		CITY PROJECT NO. <b>00000</b>
		SHEET NO. <b>C3.01</b>

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 SAVED BY: LUIS PRIETO DATE: 4/18/2022

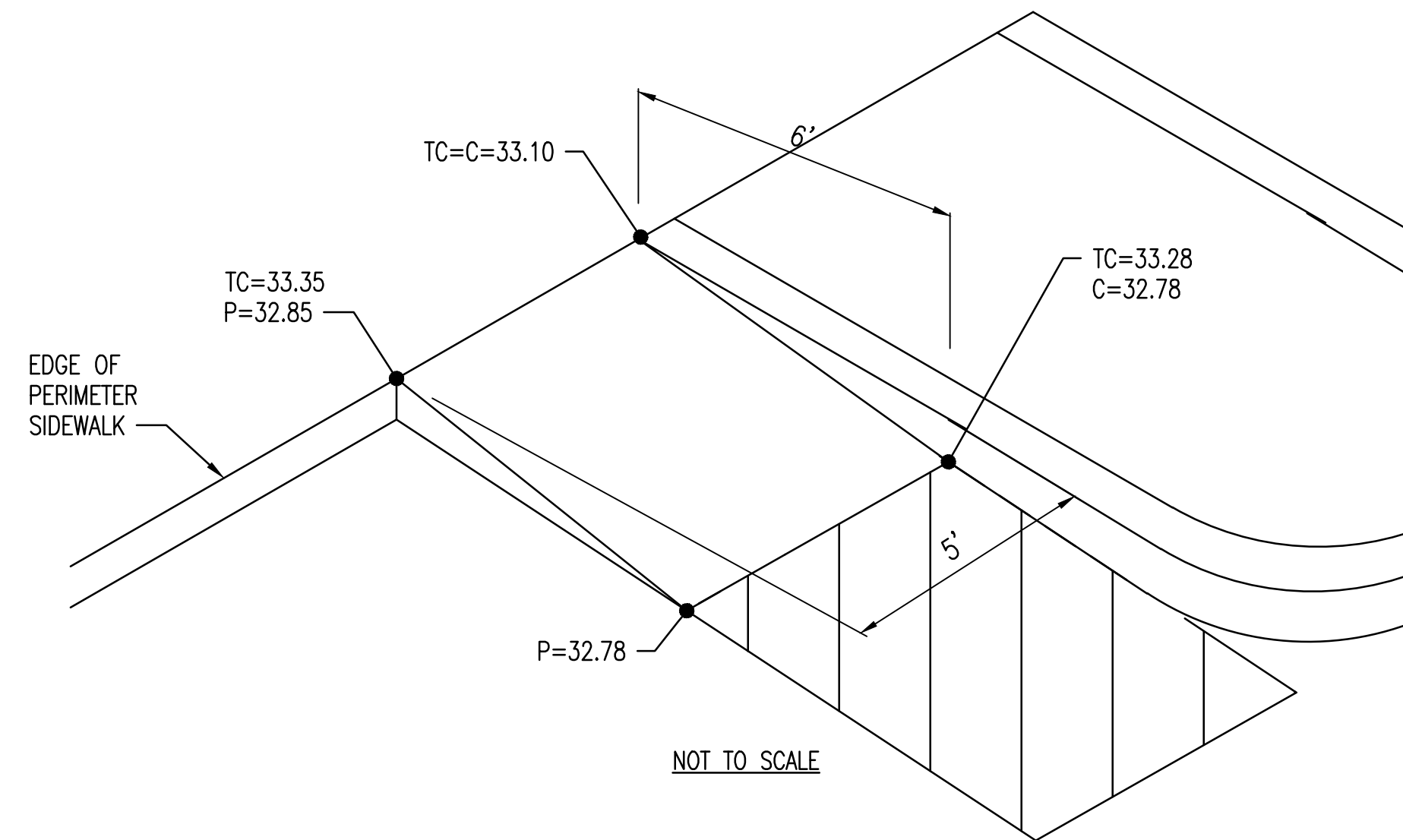
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TRANSITION TO EXISTING PAVEMENT



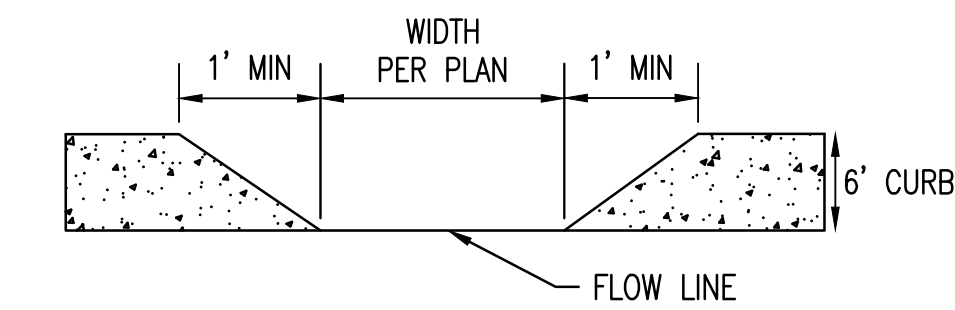
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DELIVERY RAMP



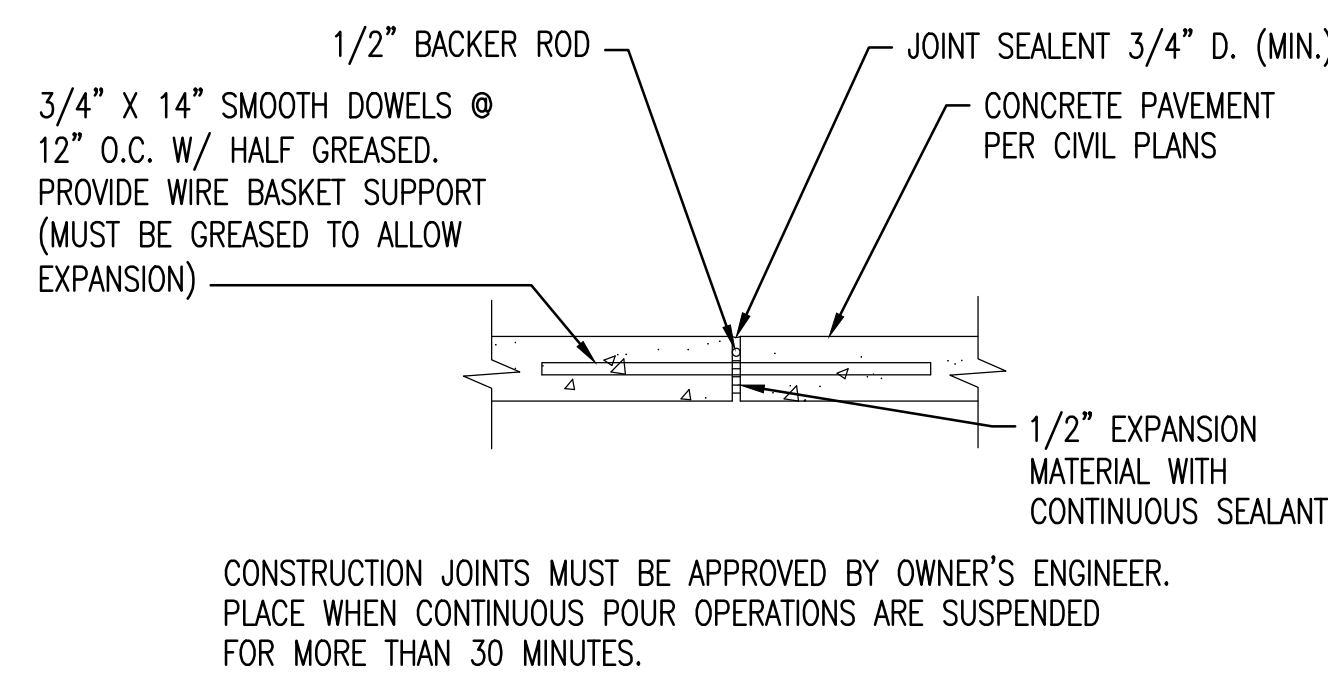
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CURB OPENING



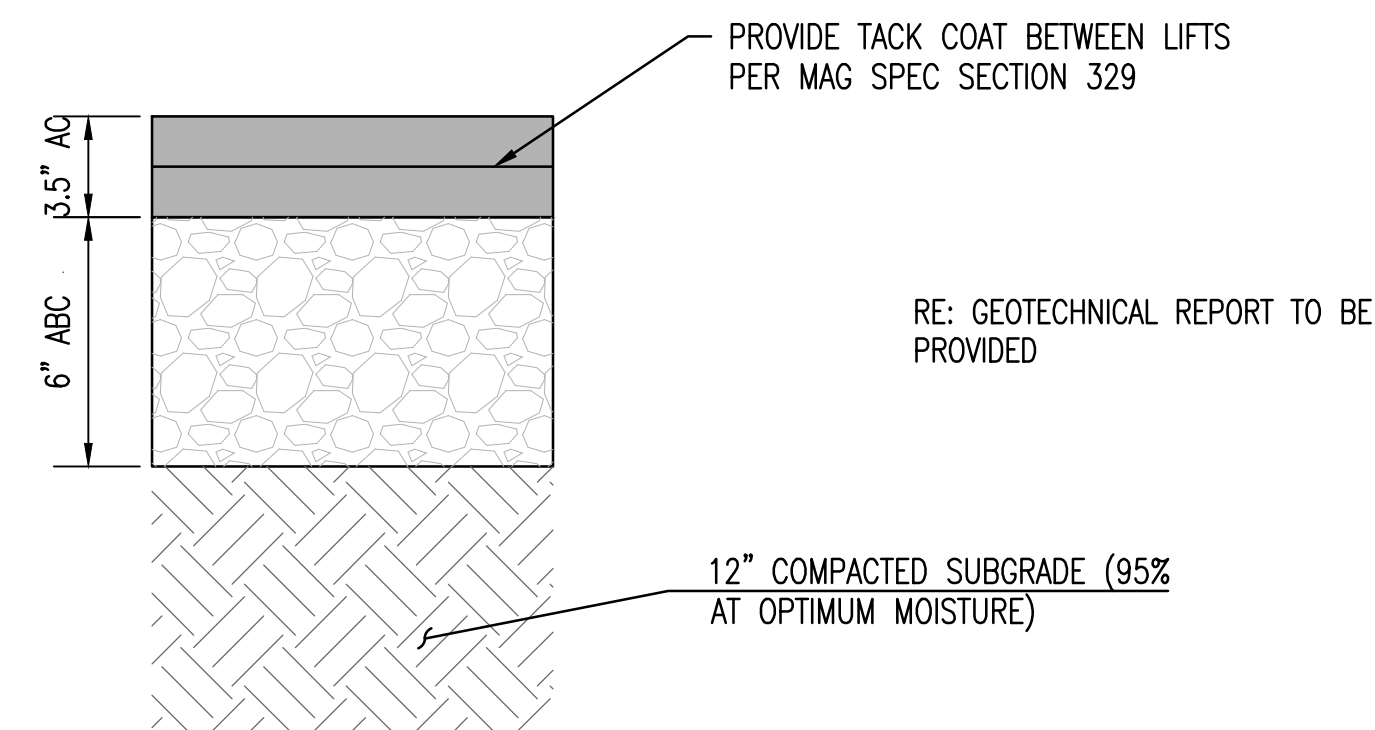
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CONSTRUCTION JOINT



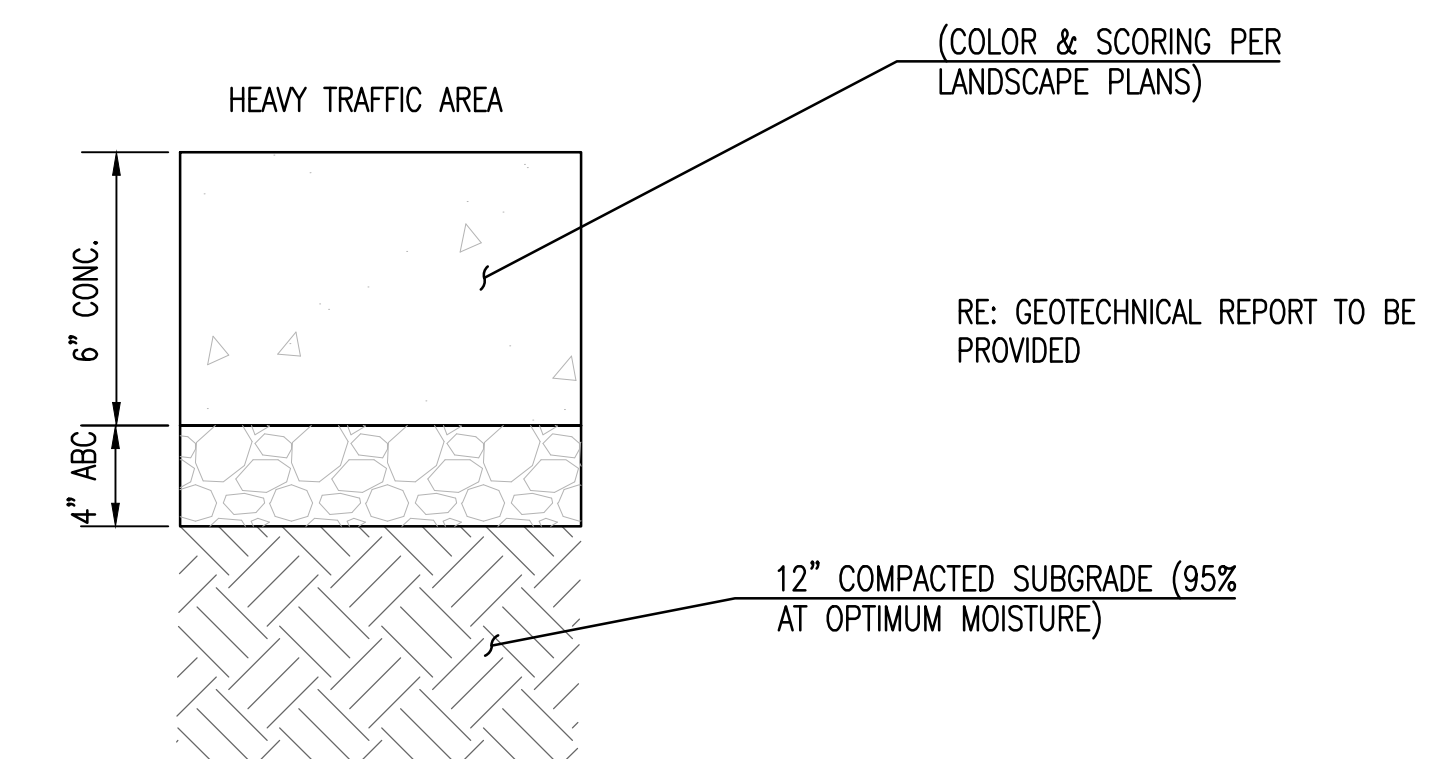
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ASPHALT PAVEMENT SECTION



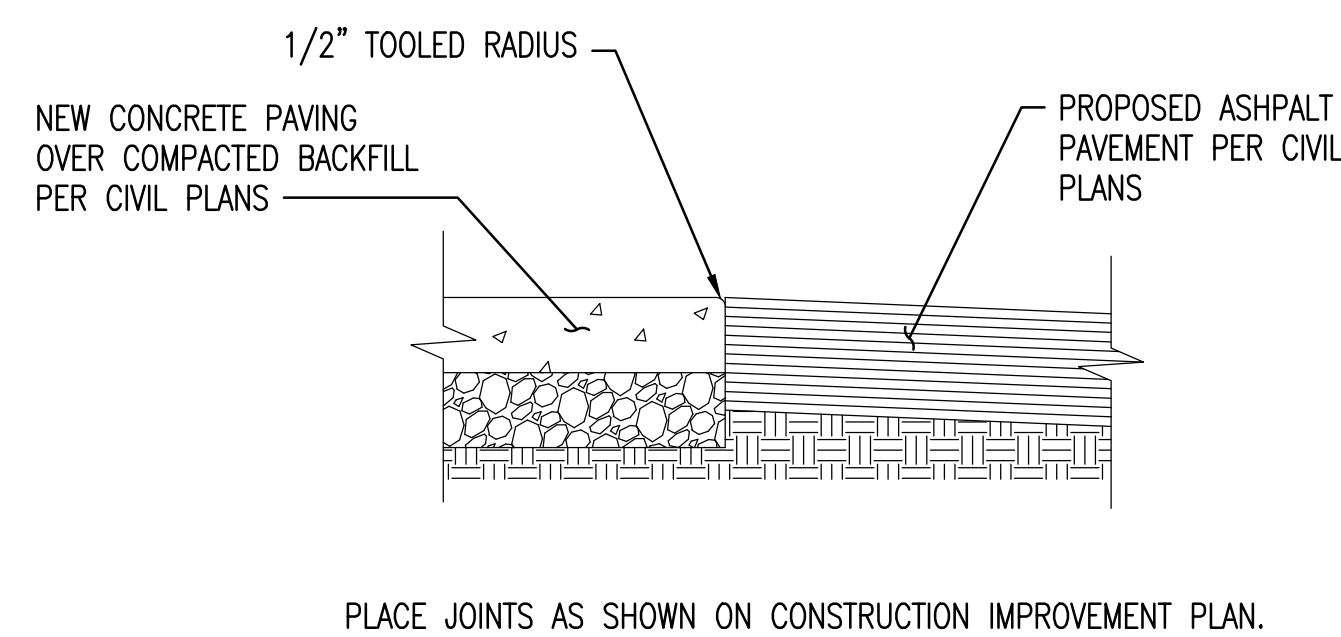
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CONCRETE PAVEMENT SECTION



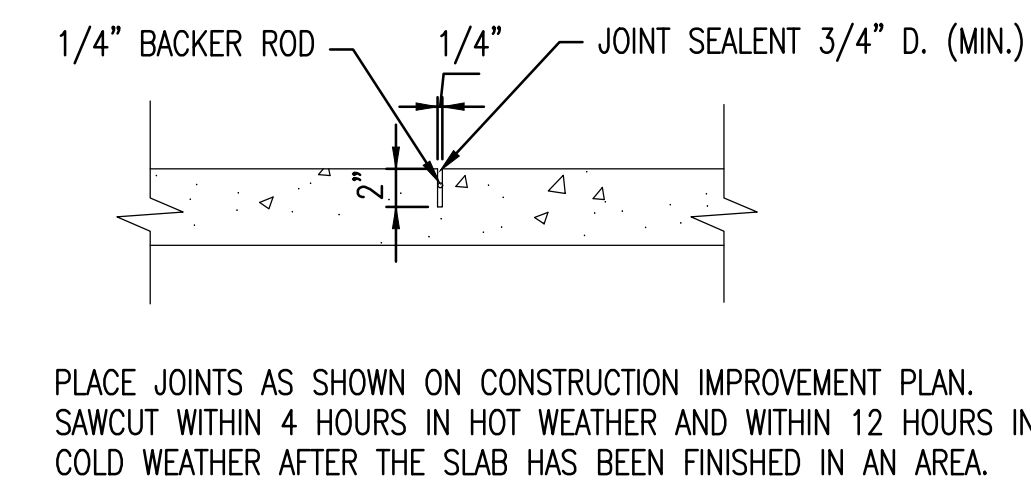
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PAVING TRANSITION



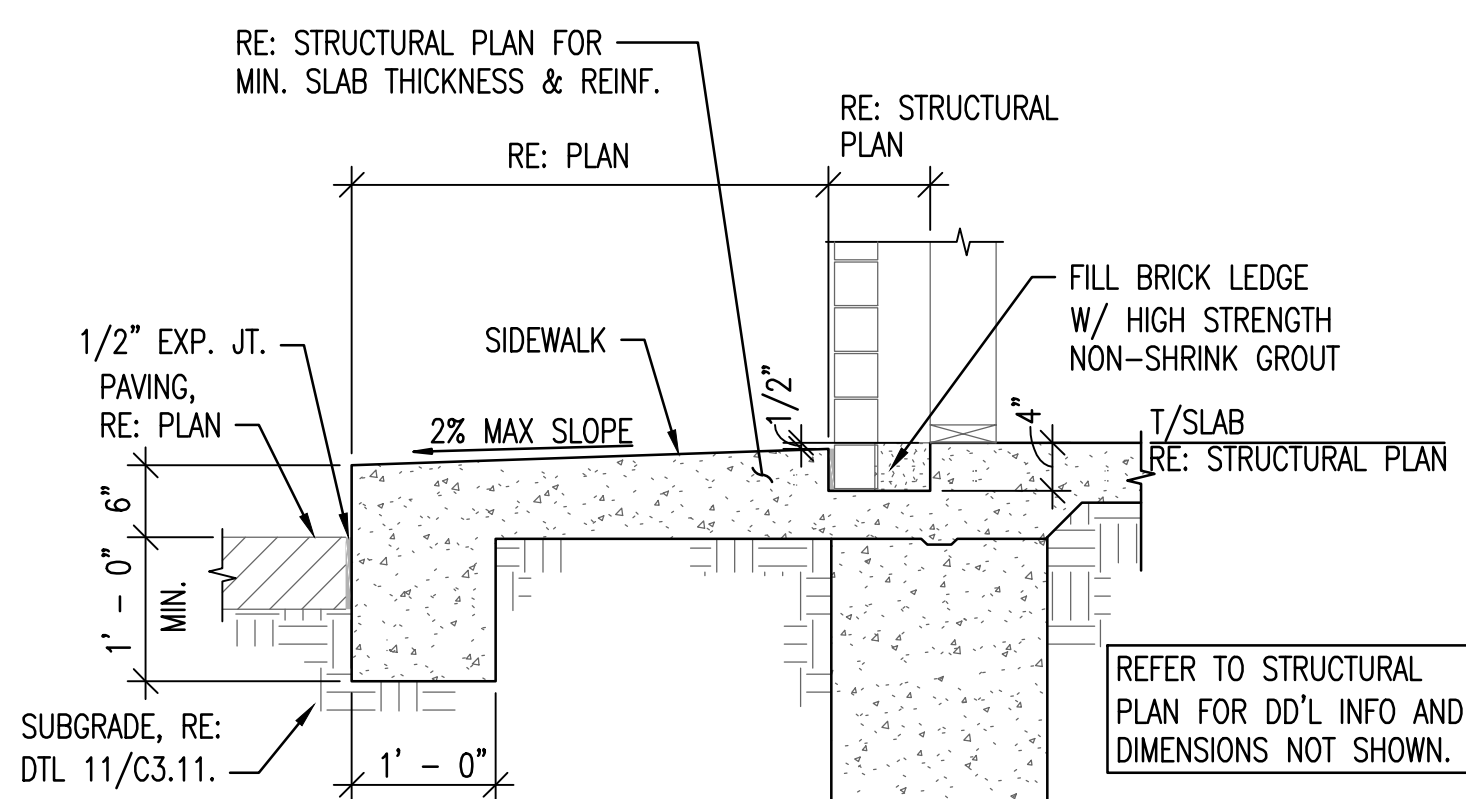
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CONTROL JOINT



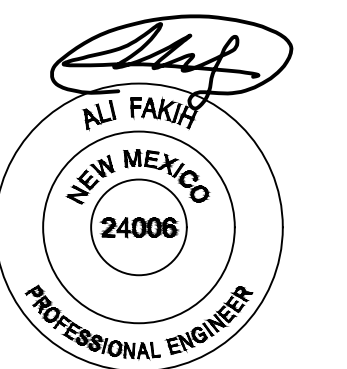
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TURNDOWN SIDEWALK - TYPE 1



9



EXPIRATION DATE: 12-31-2022  
SIGNATURE DATE: 04-18-2022

SUSTAINABILITY ENGINEERING GROUP

SEG



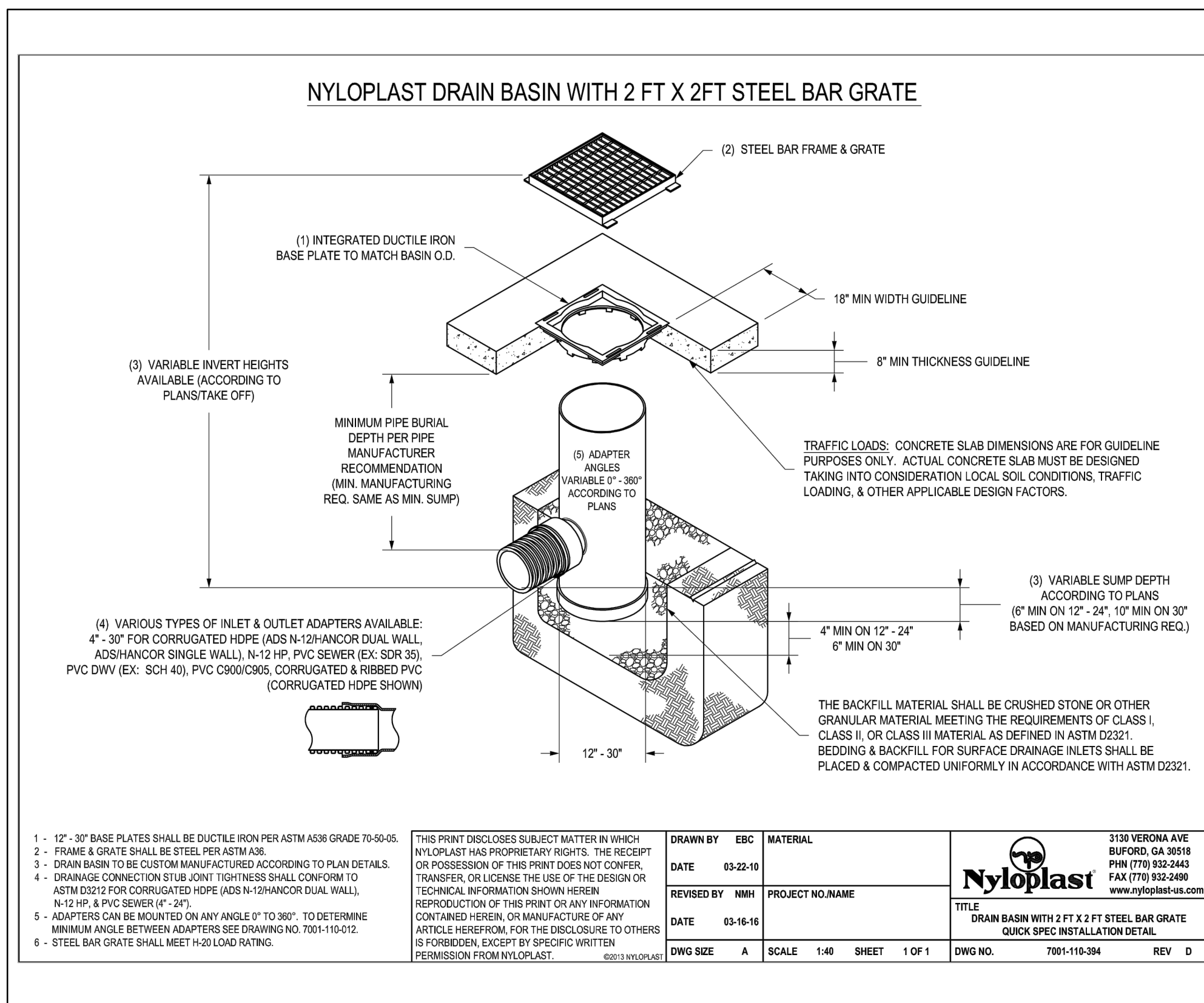
CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

PROJECT	WHATABURGER NM SEC ALAMEDA BLVD NE & SAN PEDRO AVE NE	LOCATION	6100 ALAMEDA BLVD NE ALBUQUERQUE, NM
DRAWN	GA	DATE	01/27/2022
DESIGNED	LP	DATE	01/27/2022
QC	AF	DATE	03/23/2022
FINAL QC	SO	DATE	03/25/2022
PROJ. MGR.	AF	DATE	04/18/2022
DATE:	04/18/2022		
ISSUED FOR:	DRB		

REVISION NO.:	DATE:
JOB NO.:	210907
SHEET TITLE:	

GRADING AND DRAINAGE DETAILS

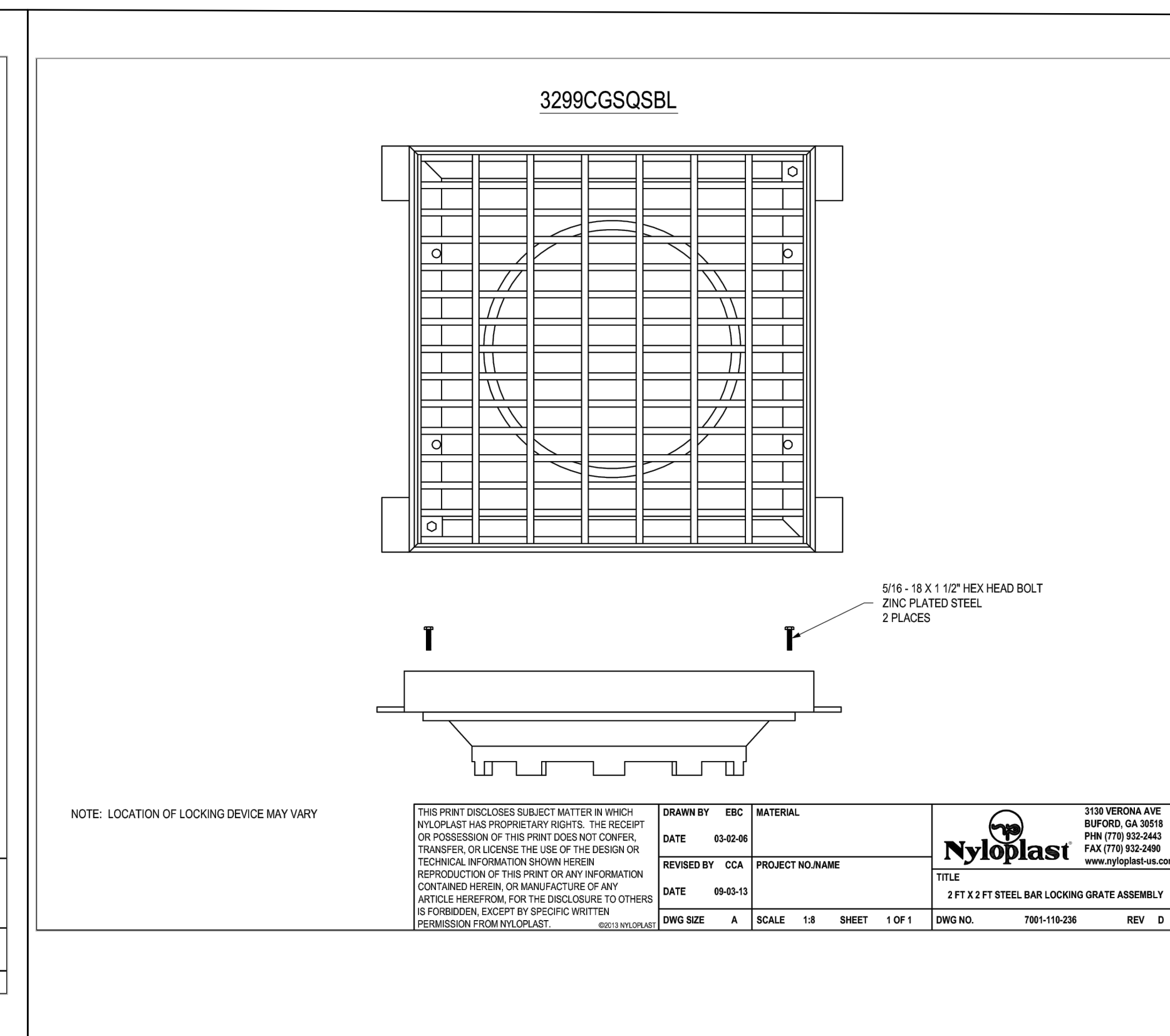
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NYLOPLAST DRAIN BASIN



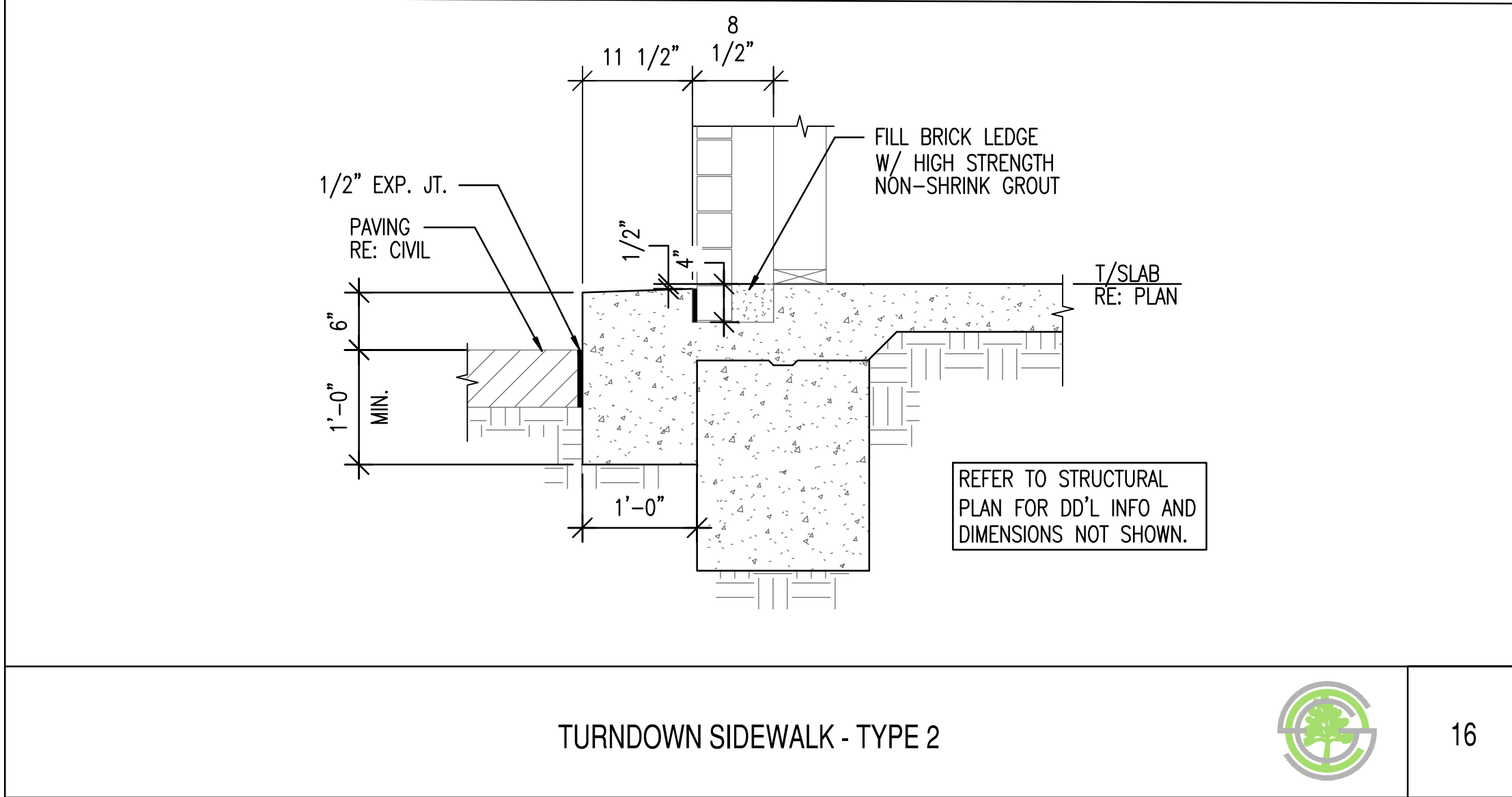
13



NYLOPLAST GRATE



14



TURNDOWN SIDEWALK - TYPE 2



16



ALL FAKIS  
NEW MEXICO  
24006  
PROFESSIONAL ENGINEER

EXPIRATION DATE: 12-31-2022  
SIGNATURE DATE: 04-18-2022

SUSTAINABILITY  
ENGINEERING  
GROUP

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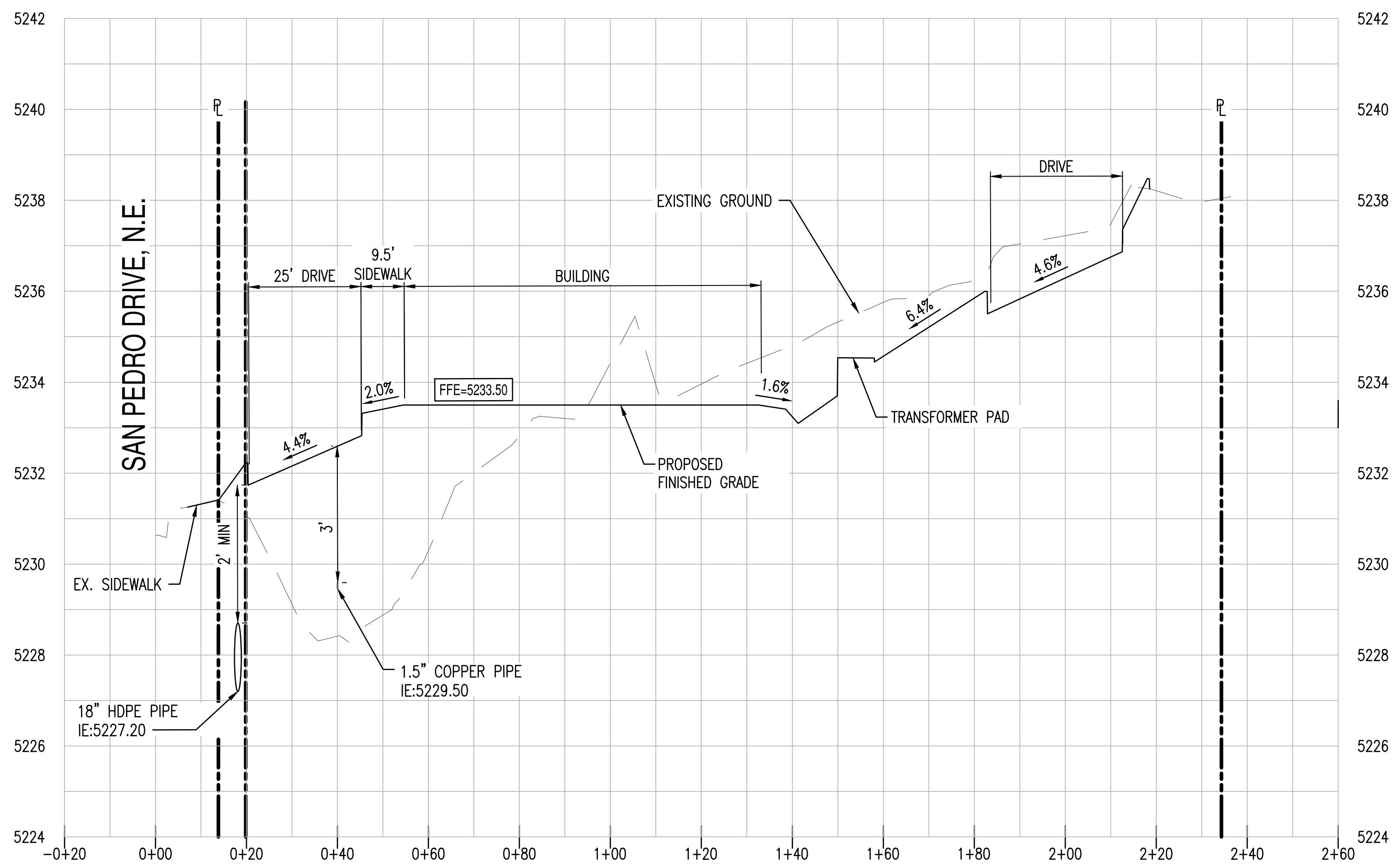
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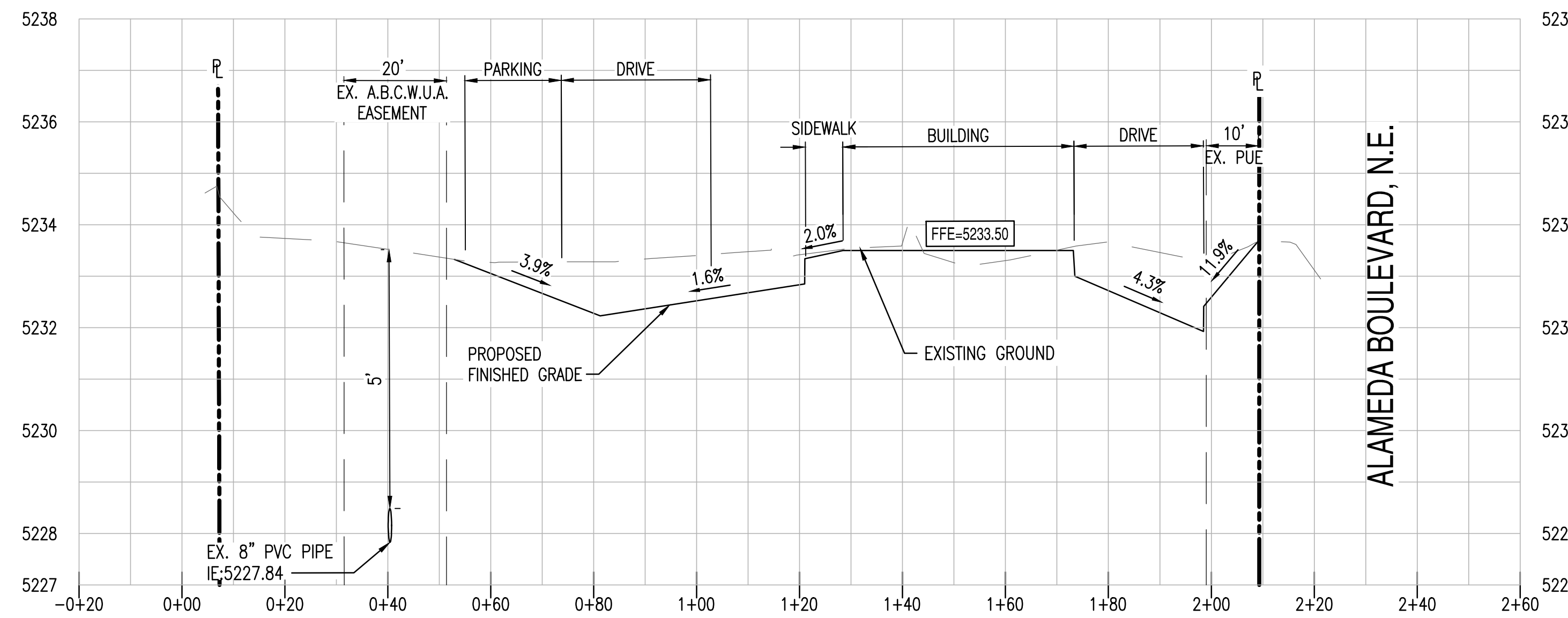
PROJECT WHATABURGER NM SEC ALAMEDA BLVD NE & SAN PEDRO AVE NE	LOCATION 6100 ALAMEDA BLVD NE ALBUQUERQUE, NM
DRAWN DESIGNED QC FINAL QC PROJ. MGR.	GA LP AF SO AF
DATE:	04/18/2022
ISSUED FOR:	DRB

REVISION NO.:	DATE:
JOB NO.:	210907
SHEET TITLE:	GRADING AND DRAINAGE DETAILS

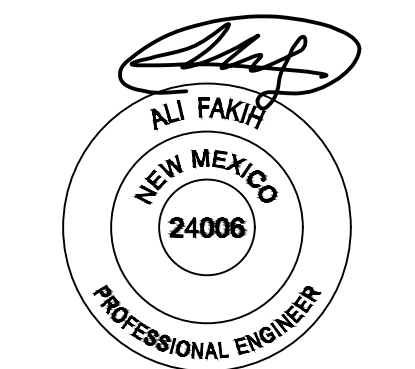
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SECTION A-A C3.00  
 HORIZONTAL SCALE: 1" = 20'  
 VERTICAL SCALE: 1" = 2'



SECTION B-B C3.00  
 HORIZONTAL SCALE: 1" = 20'  
 VERTICAL SCALE: 1" = 2'



EXPIRATION DATE: 12-31-2022  
 SIGNATURE DATE: 04-18-2022

**SUSTAINABILITY ENGINEERING GROUP**

**SEG**

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**811**

CALL NM ONE-CALL SYSTEM SEVEN (7) DAYS PRIOR TO ANY EXCAVATION

PROJECT WHATABURGER NM SEC ALAMEDA BLVD NE & SAN PEDRO AVE NE	LOCATION 6100 ALAMEDA BLVD NE ALBUQUERQUE, NM
DRAWN: GA 01/27/2022	DESIGNED: LP 01/27/2022
QC: AF 03/23/2022	FINAL QC: SO 03/25/2022
PROJ. MGR: AF 04/18/2022	

DATE: 04/18/2022  
 ISSUED FOR: DRB

REVISION NO.:	DATE:
△	
△	
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JOB NO.: 210907

SHEET TITLE: **SITE CROSS SECTIONS**

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