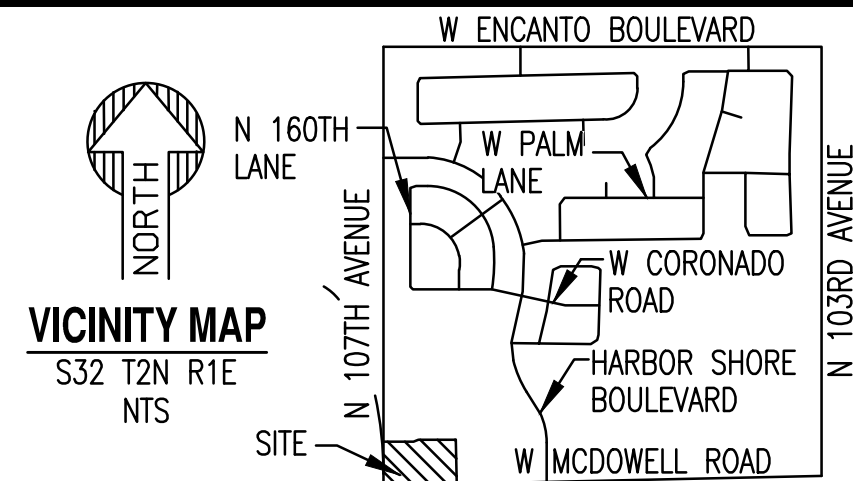


WHATABURGER AVONDALE

GRADING AND DRAINAGE PLAN

NEC MCDOWELL RD & 107TH AVE, AVONDALE, ARIZONA.
A PORTION OF THE SOUTHWEST QUARTER OF SECTION 32, TOWNSHIP 2 NORTH, RANGE 1
EAST, OF GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA



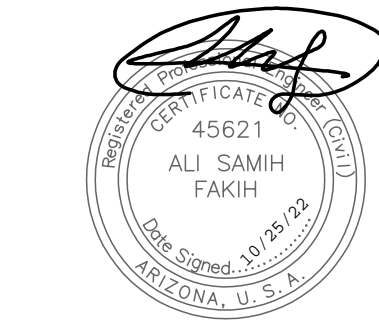
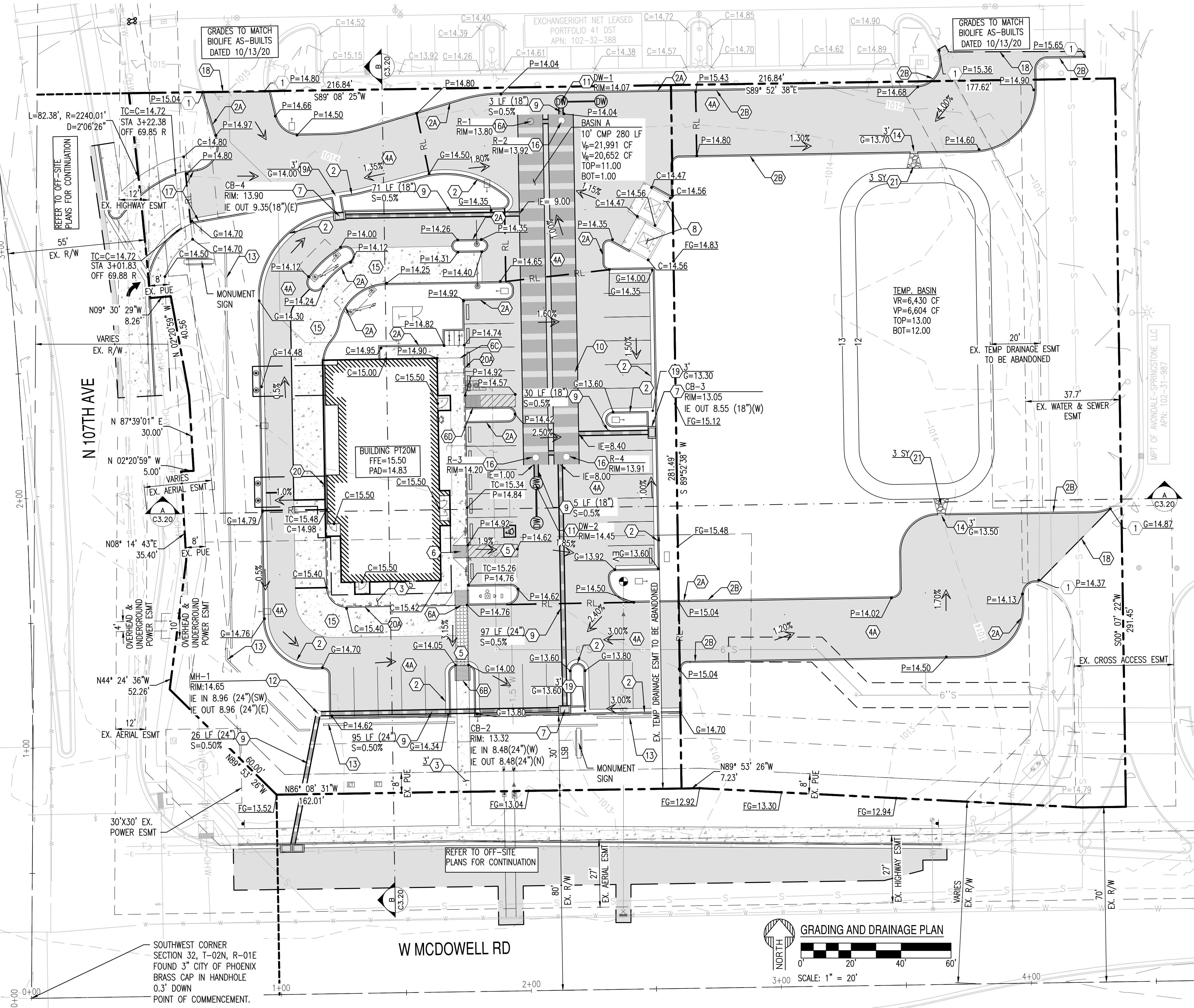
GRADING CONSTRUCTION KEY NOTES

- 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" CONCRETE CURB AND GUTTER PER MAG STD. DET. 220-1 TYPE "A".
- 2A CONSTRUCT 6" VERTICAL CURB PER MAG STD. DET. 222 TYPE "B".
- 2B CONSTRUCT EXTRUDED CURB PER DET. 3/C3.10.
- 3 CONSTRUCT CONCRETE SIDEWALK PER MAG STD. DET. 230. WIDTH PER PLAN.
- 4 CONSTRUCT HEAVY DUTY ASPHALT PAVEMENT PER DET. 4/C3.10.
- 5 CONSTRUCT PAVEMENT WITH 2% MAXIMUM SLOPE IN ANY DIRECTION AT ACCESSIBLE PARKING STALLS AND 2% MAXIMUM CROSS SLOPE AT ADA ACCESSIBLE ROUTE.
- 6 CONSTRUCT ADA ACCESSIBLE RAMP PER DET. 7/C3.10.
- 6A CONSTRUCT ADA ACCESSIBLE RAMP PER DET. 8/C3.10.
- 6B CONSTRUCT ADA ACCESSIBLE RAMP PER DET. 9/C3.10.
- 6C CONSTRUCT DELIVERY RAMP PER DET. 1/C3.10.
- 6D CONSTRUCT DELIVERY RAMP PER DET. 2/C3.10.
- 7 FURNISH AND INSTALL NYLOPLAST DRAIN BASIN WITH 30" RISER AND 2'X3' STEEL GRATE. PER DETAIL 16/C3.12 & 17/C3.12.
- 8 CONSTRUCT TRASH ENCLOSURE PER ARCH PLANS A1/A6.6.
- 9 FURNISH AND INSTALL HDPE DOUBLE WALL PIPE, CLASS 100; EXCAVATION, BEDDING, & BACKFILL PER MAG STD DET 601. PIPE MATERIAL PER MAG SPECIFICATION 738. LENGTH, SIZE AND SLOPE PER PLAN.
- 10 FURNISH AND INSTALL 14 GAGE POLYMER COATED 120" CMP STORMWATER STORAGE SYSTEM. PIPE MATERIAL PER MAG SPECIFICATION 621. LENGTH AND SLOPE PER PLAN. CONTRACTOR TO PROVIDE SIGNED AND SEALED SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO MANUFACTURING.
- 11 FURNISH AND INSTALL MAXWELL PLUS DRYWELL. REFER TO SHEET C3.12 FOR DETAIL. NOTE: CONTRACTOR TO HAVE A PERCOLATION TEST DONE ON FIRST CONSTRUCTED DRYWELL AND PROVIDE RESULTS TO ENGINEER FOR DETERMINATION OF ULTIMATE NUMBER OF REQUIRED DRYWELLS.
- 12 FURNISH AND INSTALL 30" NYLOPLAST DRAIN BASIN WITH SOLID LID PER DETAIL 15/C3.12.
- 13 3' SCREEN WALL. REFER TO SITE PLANS FOR DETAILS.
- 14 CONSTRUCT CURB OPENING. WIDTH PER PLAN.
- 15 CONSTRUCT CONCRETE PAVEMENT PER DETAIL 5/C3.10.
- 16 FURNISH AND INSTALL CMP RISER WITH VENTED SOLID LID, INCLUDING CONCRETE COLLAR, PER DETAIL 18/C3.13.
- 16A FURNISH AND INSTALL CMP RISER WITH STANDARD H-20 GRATE, INCLUDING CONCRETE COLLAR, PER DETAIL 18/C3.13.
- 17 CURB TRANSITION FROM 6" TO 0".
- 18 CONSTRUCT TRANSITION TO EXISTING PAVEMENT PER PAVEMENT JOINTING PLANS.
- 19 CONSTRUCT CURB ISLAND OPENING PER DETAIL 6/C3.10, WIDTH PER DETAIL.
- 19A CONSTRUCT CURB ISLAND OPENING PER DETAIL 14/C3.11, WIDTH PER DETAIL.
- 20 TURN DOWN SLAB PER DETAIL 12/C3.11.
- 20A TURN DOWN SIDEWALK PER DETAIL 13/C3.11.
- 21 FURNISH AND INSTALL RIP-RAP; D50=6", 12" DEPTH. DIMENSIONS PER PLAN. REFER TO DETAIL 11/C3.11.

PROPOSED GRADING LEGEND:

G=XX.XX	GUTTER ELEVATION, TC = G+0.5'		CATCH BASIN
P=XX.XX	PAVEMENT ELEVATION TC = P+0.5'		STORM PIPE
C=XX.XX	CONCRETE ELEVATION		DRYWELL
			NYLOPLAST BASIN
			WATER METER
			GATE VALVE
			FIRE HYDRANT
			SEWER MANHOLE
			CONCRETE PAVEMENT
			HEAVY DUTY PAVEMENT
			LIGHT DUTY PAVEMENT
			PROPERTY LINE
			RIGHT OF WAY
			CURB AND GUTTER
			RIDGELINE
			SAWCUT
			SETBACK
			FLOW ARROW

---	EX. MAJOR CONTOURS		WATER VALVE
---	EX. MINOR CONTOURS		FIRE HYDRANT
TC: XX.XX GE: XX.XX	EX. SPOT ELEVATION		GAS LINE
---	EASEMENT LINE AS NOTED		SIGN
EX. S	SEWER LINE		STREET LIGHT
	SEWER MANHOLE		TREE
EX. W	WATER LINE	---	ROAD CENTERLINE



SUSTAINABILITY
ENGINEERING
GROUP



Desert De Oro Foods
INC



PROJECT
WHATABURGER AVONDALE

LOCATION
NEC N. 107TH AVE AND
W. MCDOWELL ROAD

DRAWN
DESIGNED
QC
FINAL QC
PROJ. MGR.

DS
LRDS
SC
LA
AF

DATE: 10/25/2022

ISSUED FOR: PERMITS

REVISION NO.: DATE:

JOB NO.: 201015

SHEET TITLE:

GRADING AND
DRAINAGE PLAN

PAGE NO.: 7 OF 18

SHEET NO.: C3.00

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