



March 11, 2026

Olin Brown, P.E.  
Bohannon Huston, Inc.  
7500 Jefferson St NE  
Albuquerque, NM 87109

**RE: Balloon Fiesta Park – Site Infrastructure Improvements  
9201 Balloon Museum Dr NE  
Grading and Drainage Plan  
Engineer’s Stamp Date: 03/03/2026  
Hydrology File: B17D001  
Case # HYDR-2026-00081**

Dear Mr. Brown:

Based upon the information provided in your submittal received 03/04/2026, the Grading & Drainage Plan is not approved for Rough Grading. The following comments need to be addressed for approval of the above referenced property:

PO Box 1293

Albuquerque

NM 87103

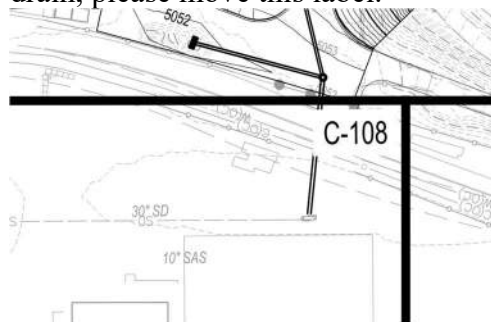
www.cabq.gov

**Drainage Management Plan:**

1. P. 1 of 2 – Label Existing Basin 1 and Existing Basin 4 on map.
2. P. 2 of 2 – Show existing FEMA Floodplain on the proposed Drainage Management Plan.
3. P. 1 and 2 – Add a column in the Basin Data Tables that shows the total acreage for Treatment Area ‘D’.

**Plan Set:**

4. P. 8 of 38 – Sheet C-100 – The tag for C-108 is slightly blocking the proposed storm drain, please move this label.



# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

5. P. 9-16 – Sheets C-101 through C-108 – Only call out RCP on grading keyed notes, remove HDPE.

○ GRADING KEYED NOTES	
1.	INSTALL STORM DRAIN PIPE (RCP <del>OR HDPE</del> PER ASTM D2648 OR APPROVED EQUAL). SEE PLAN FOR SIZE & SLOPE.

6. P. 2 of 21 – Sheet G-100 - Add seed stabilization note on the General Note sheet under Hydrology: “Side slopes need to be stabilized with Native Grass Seed (per City Spec 1012) with Aggregate Mulch or equal (Must satisfy the “Final Stabilization criteria” CGP 2.2.14.b.)”.

If you have any questions, please contact me at 505-924-3995 or [baileythompson@cabq.gov](mailto:baileythompson@cabq.gov).

Sincerely,

PO Box 1293

Albuquerque

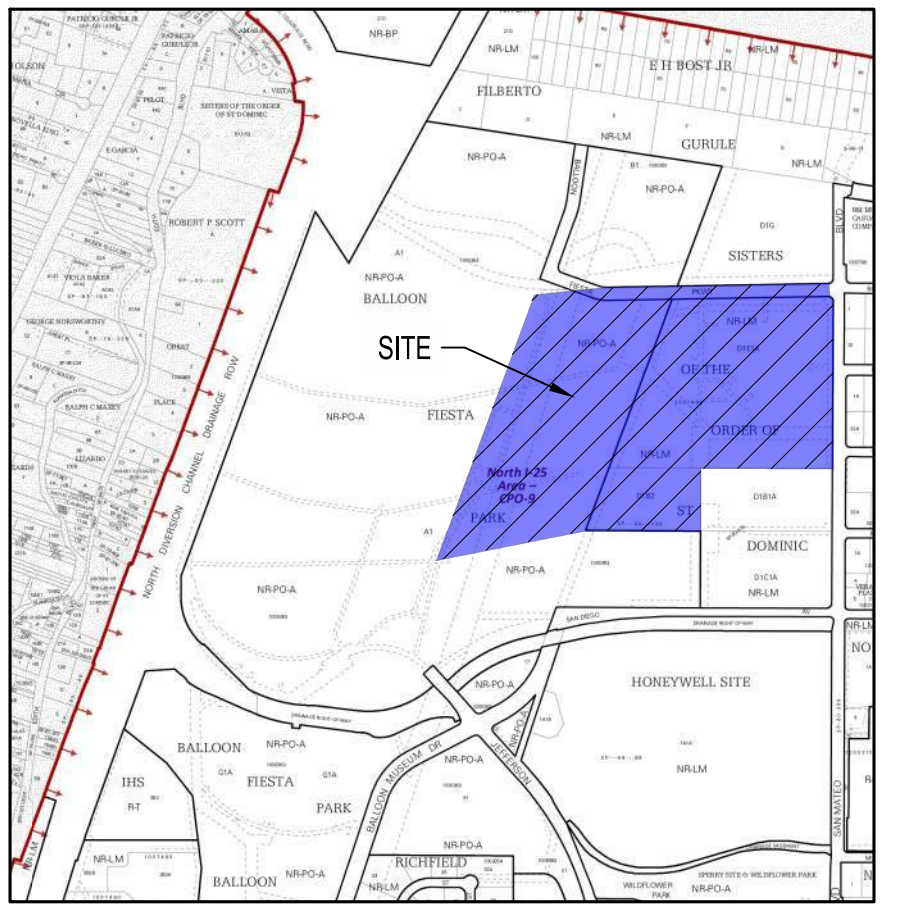
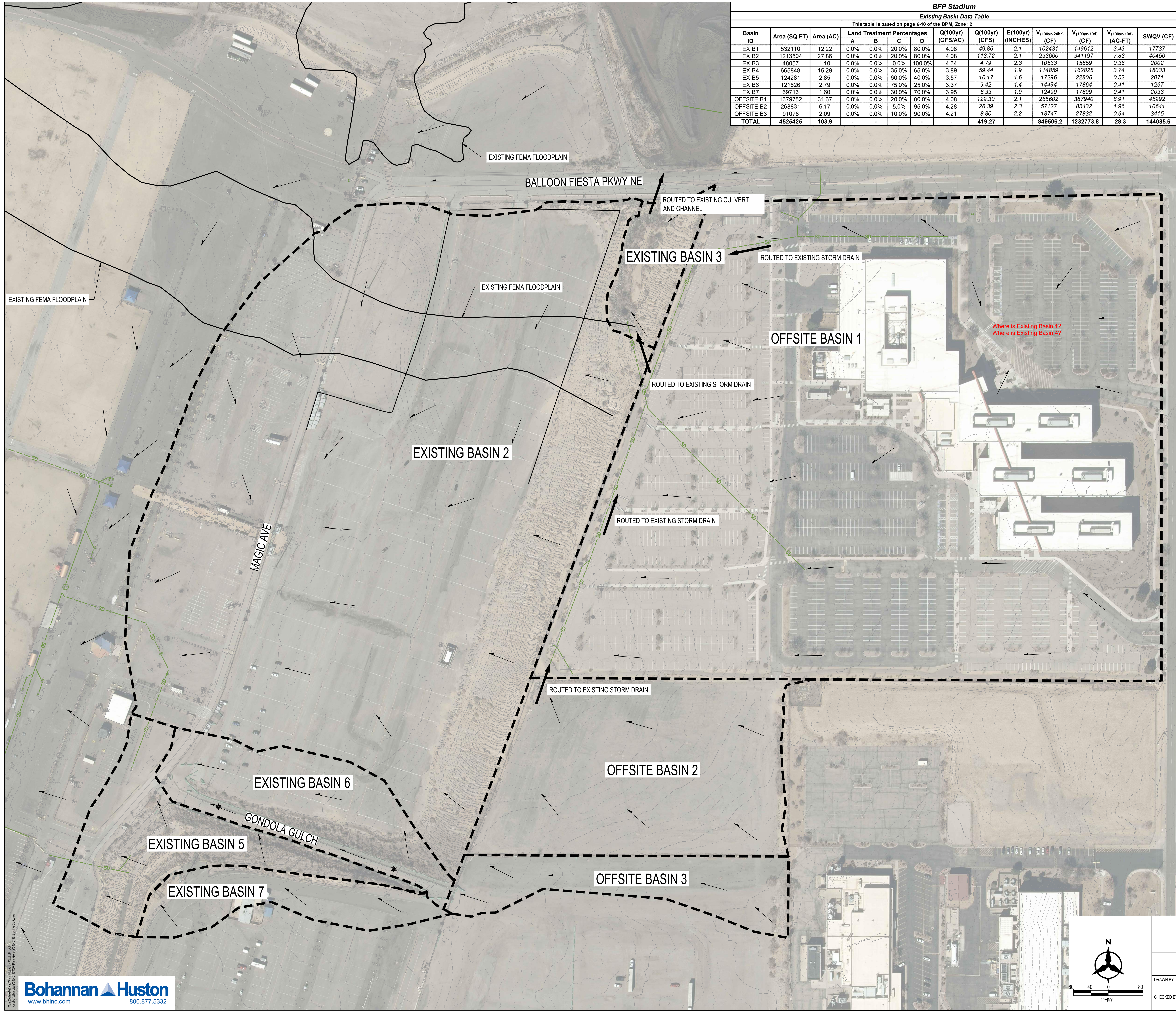
Bailey Thompson, E.I.  
Engineer Associate, Hydrology  
Planning Department, Development Review Services

NM 87103

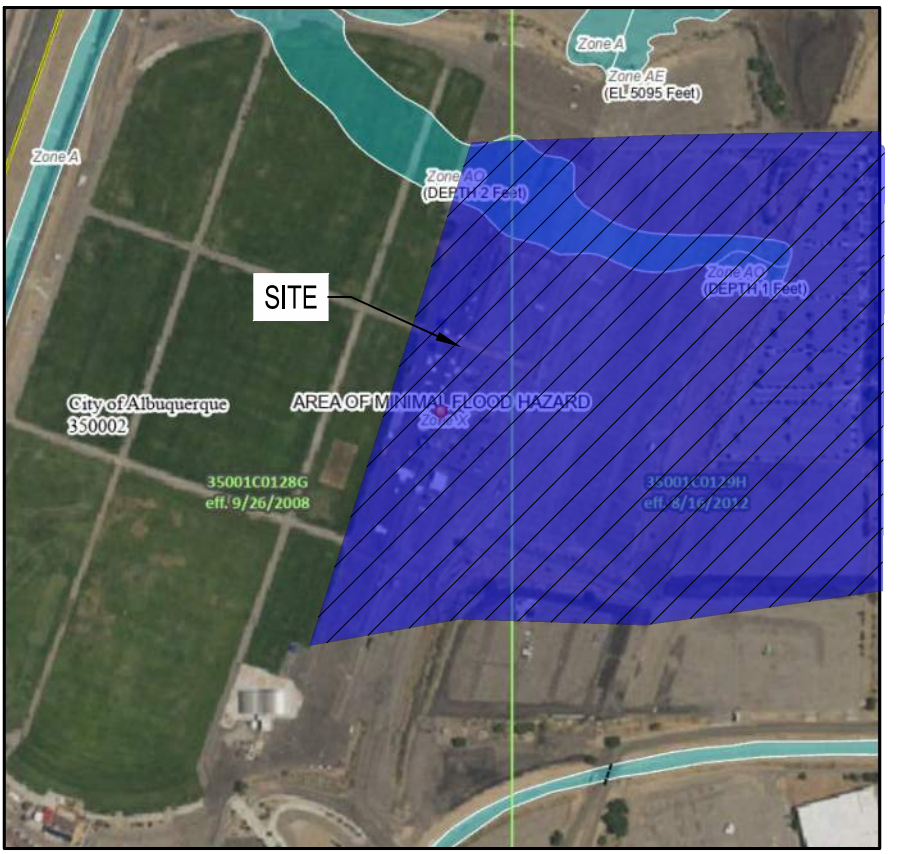
[www.cabq.gov](http://www.cabq.gov)



BFP Stadium													
Existing Basin Data Table													
This table is based on page 6-10 of the DPM, Zone: 2													
Basin ID	Area (SQ FT)	Area (AC)	Land Treatment Percentages				Q(100yr) (CFS/AC)	Q(100yr) (CFS)	E(100yr) (INCHES)	V <sub>(100yr-24hr)</sub> (CF)	V <sub>(100yr-10d)</sub> (CF)	V <sub>(100yr-10d)</sub> (AC-FT)	SWQV (CF)
			A	B	C	D							
EX B1	532110	12.22	0.0%	0.0%	20.0%	80.0%	4.08	49.89	2.7	102431	149812	3.43	17737
EX B2	1213504	27.85	0.0%	0.0%	20.0%	80.0%	4.08	113.72	2.1	233600	341197	7.83	40450
EX B3	48057	1.10	0.0%	0.0%	0.0%	100.0%	4.34	4.79	2.3	10533	15859	0.36	2002
EX B4	685848	15.29	0.0%	0.0%	35.0%	65.0%	3.89	59.44	1.9	114859	162828	3.74	18033
EX B5	124281	2.85	0.0%	0.0%	60.0%	40.0%	3.57	10.17	1.6	17296	22806	0.52	2071
EX B6	121626	2.79	0.0%	0.0%	75.0%	25.0%	3.37	9.42	1.4	14494	17864	0.41	1267
EX B7	69713	1.60	0.0%	0.0%	30.0%	70.0%	3.95	6.33	1.9	12490	17899	0.41	2033
OFFSITE B1	1379752	31.67	0.0%	0.0%	20.0%	80.0%	4.08	129.30	2.1	265602	387940	8.91	45992
OFFSITE B2	268831	6.17	0.0%	0.0%	5.0%	95.0%	4.28	26.39	2.3	57127	85432	1.96	10641
OFFSITE B3	91078	2.09	0.0%	0.0%	10.0%	90.0%	4.21	8.80	2.2	18747	27832	0.64	3415
<b>TOTAL</b>	<b>4525425</b>	<b>103.9</b>	-	-	-	-	-	<b>419.27</b>	-	<b>849506.2</b>	<b>1232773.8</b>	<b>28.3</b>	<b>144085.6</b>



VICINITY MAP  
NOT TO SCALE



FEMA FIRM MAP #35001C0128G  
AND #35001C0129H

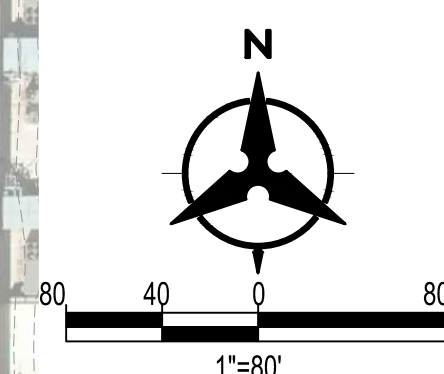
**INTRODUCTION**  
THE BALLOON FIESTA PARK SITE IS LOCATED WITHIN OFF BALLOON FIESTA PARKWAY TO THE NORTH, MAGIC AVENUE RUNNING THROUGH THE MIDDLE, AND SAN DIEGO AVE TO THE SOUTH. THE SITE WILL CONSIST OF NEW STORM DRAIN INFRASTRUCTURE FOR THE PARK DRAINAGE AS WELL AS GRADING FOR FUTURE DEVELOPMENTS.

**METHODOLOGY**  
THE HYDRAULIC ANALYSIS PROVIDED WITH THIS DRAINAGE SUBMITTAL HAS BEEN PREPARED IN ACCORDANCE WITH SECTION 6.2 OF THE CITY OF ALBUQUERQUE DPM. LAND TREATMENT PERCENTAGES WERE CALCULATED BASED ON THE ACTUAL CONDITIONS IN EACH ONSITE AND OFFSITE BASIN. THIS SITE WAS ANALYZED FOR THE 100-YEAR, 6-HOUR STORM EVENT. PART OF THE SITE IS FLOOD ZONE AO ON THE NORTH PART OF THE SITE PER THE REFERENCED FEMA FLOOD MAPS.

**EXISTING CONDITIONS**  
IN THE EXISTING CONDITIONS, THE SITE IS ALREADY DEVELOPED. THERE ARE SEVEN ONSITE BASINS AND 3 OFFSITE BASINS BASED ON THE SITE TOPOGRAPHY. EXISTING BASIN 1 CONSISTS OF THE EXISTING PARKING LOT AND BALLOON FIESTA PARKWAY. FLOW IS CONVEYED FROM EAST TO WEST, AND SHEET FLOWS AND IS ULTIMATELY CAPTURED INTO TWO EXISTING INLETS DOWNSTREAM. EXISTING BASIN 2 CONSISTS OF THE EXISTING PARKING LOT AND MAGIC AVENUE. RUNOFF SHEET FLOWS FROM EAST TO WEST, WHERE IT IS CAPTURED IN TWO EXISTING INLETS. EXISTING BASIN 3 CONTAINS A DRAINAGE CHANNEL THAT CAPTURES AND CONVEYS OFFSITE FLOWS INTO A CULVERT. THIS CULVERT THEN CONVEYS THIS FLOW OFFSITE. EXISTING BASIN 4 SHEET FLOWS TOWARDS A LOW POINT IN THE MIDDLE OF THE BASIN. INLETS SPREAD THROUGHOUT THE BASIN CAPTURE THESE FLOWS. FLOW IS CONVEYED THROUGH STORM DRAIN PIPES, WHERE IT FLOWS DOWNSTREAM OFFSITE. EXISTING BASIN 5 CONTAINS THE STEEP SLOPE ON THE SOUTH END OF GONDOLA GULCH AND PEDESTRIAN PATH. THIS FLOW IS CONVEYED FROM EAST TO WEST INTO AN EXISTING STORM DRAIN INLET. EXISTING BASIN 6 CONTAINS GONDOLA GULCH AND THE PARKING LOT, WHERE FLOW IS CONVEYED FROM EAST TO WEST. RUNOFF SHEET FLOWS INTO BASIN 5. BASIN 7 CONTAINS THE PARKING LOT SOUTH OF THE STEEP SLOPE IN EXISTING BASIN 5. RUNOFF CURRENTLY SHEET FLOWS DIRECTLY INTO EXISTING BASIN 5.

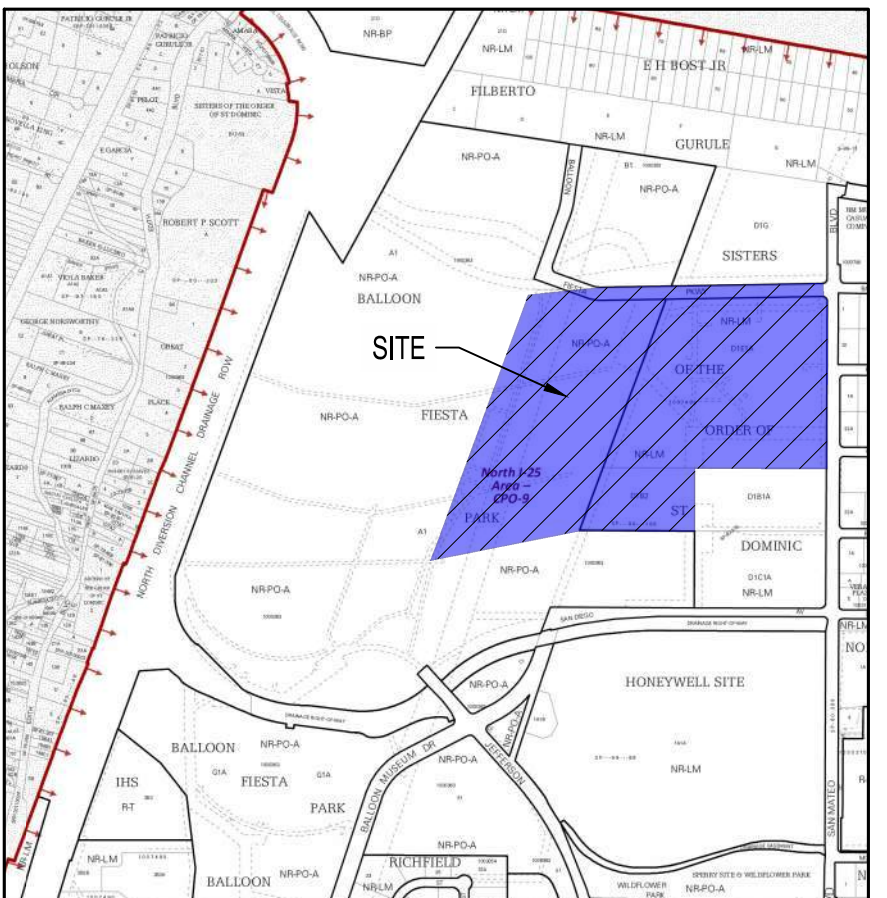
OFFSITE BASIN 1 SURFACE DRAINS EAST TO WEST, CONVEYING FLOW ALONG THE CURB OFF BALLOON FIESTA PARKWAY INTO A RUNDOWN INTO EXISTING BASIN 3. OFFSITE BASIN 2 CONTAINS FLOW FROM THE PARKING LOT AND DRAINS EAST TO WEST. THE PARKING LOT HAS STORM DRAIN INLETS THROUGHOUT THAT CAPTURE FLOW AND CONVEY IT THROUGH STORM DRAINS. THIS PIPE OUTFALLS ALSO OUTFALLS INTO EXISTING BASIN 3. OFFSITE BASIN 3 CONTAINS FLOW FROM THE GRAVEL PARKING LOT, WHICH SHEET FLOWS INTO AN STORM DRAIN INLET. THIS INLET IS PART OF THE STORM DRAIN SYSTEM IN OFFSITE BASIN 2. OFFSITE BASIN 4 CONTAINS FLOW FROM A PORTION OF THE GRAVEL PARKING LOT AND ROADWAY. THIS SHEET FLOWS INTO EXISTING BASIN 6. SEE THE EXISTING BASIN TABLE ON THIS SHEET FOR THE EXISTING CONDITION HYDROLOGY CALCULATIONS.

PER THE AMENDMENT NO. 2 TO THE ALBUQUERQUE INTERNATIONAL BALLOON FIESTA PARK CONCEPTUAL DRAINAGE MASTER PLAN DATED OCTOBER 24TH, 2000, THE MAXIMUM ALLOWABLE DISCHARGE GOING INTO THE EXISTING 66" STORM DRAIN IS 154 CFS.

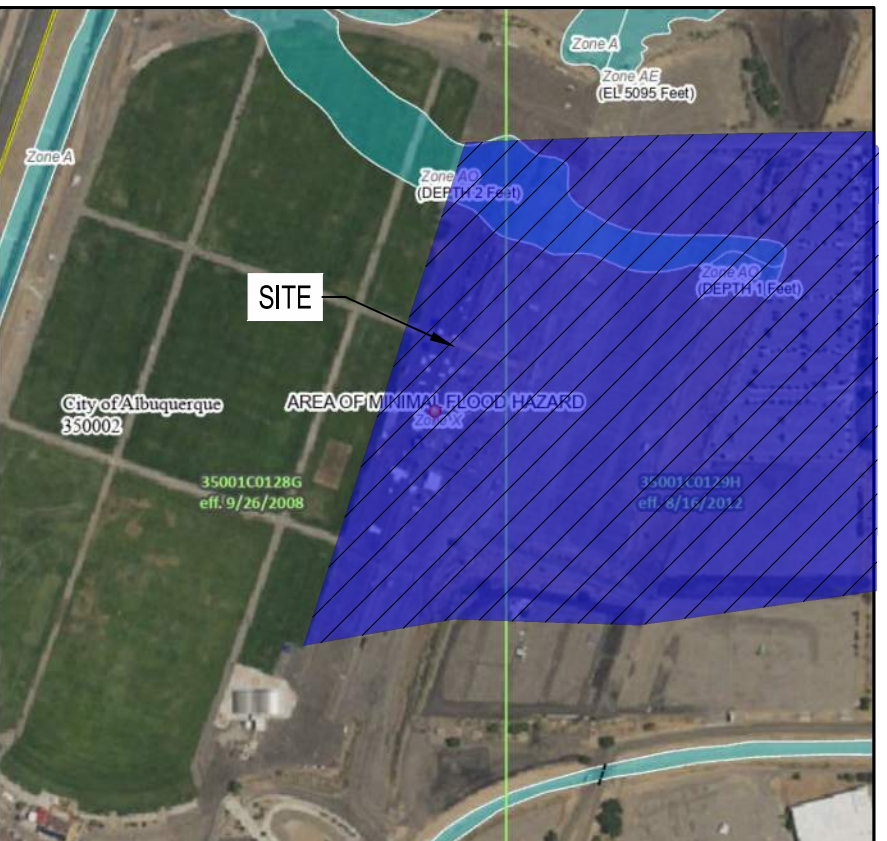


**EXISTING DRAINAGE  
MANAGEMENT PLAN**

DRAWN BY:	LS	DATE:	03/02/2026
CHECKED BY:	OB	BHI PROJECT NO:	20240116
		SHEET NO.:	1



VICINITY MAP  
NOT TO SCALE



FEMA FIRM MAP #35001C0128G  
AND #35001C0129H

PROPOSED CONDITIONS

IN THE PROPOSED CONDITIONS, BASINS ARE SPLIT INTO 9 ONSITE BASINS AND 3 OFFSITE BASINS. BASIN 1 REMAINS UNTOUCHED FROM THE EXISTING CONDITIONS. RUNOFF SHEET FLOWS INTO A LOW SPOT. PROPOSED INLET 5 CAPTURES FLOW AND CONVEYS FLOW THROUGH A PROPOSED STORM DRAIN. BASIN 2 ALSO REMAINS UNTOUCHED FROM THE EXISTING CONDITION. THE BASIN DRAINS FROM EAST TO WEST, WHERE A PROPOSED INLET 6 CAPTURES THE FLOW AND CONVEYS IT THROUGH A STORM DRAIN. THIS STORM DRAIN CONNECTS TO THE EXISTING STORM DRAIN SYSTEM, WHERE FLOW IS TAKEN OFFSITE. BASIN 3 CONTAINS THE EXISTING PARKING LOT. THE DEVELOPED SLOPE TO THE EAST, AND REGRADED PARKING LOT. RUNOFF SHEET FLOWS AND IS CAPTURED INTO INLETS 3 AND 4. BASIN 4 CONSISTS OF THE REGRADED PARKING LOT AND AN EXISTING PORTION OF THE PARKING LOT. THIS RUNOFF SHEET FLOWS AND IS DISCHARGED INTO TWO EXISTING INLETS. BASIN 5 CONTAINS A PORTION OF THE REGRADED PARKING LOT, WHERE FLOW IS DISCHARGED INTO INLET 10. BASIN 6 CONSISTS OF THE REGRADED SLOPE AROUND THE SOUTH AND EAST PART OF THE BASIN AND THE REGRADED PARKING LOT. RUNOFF SHEET FLOWS INTO INLETS 1 AND 2 IN THE MIDDLE OF THE BASIN. BASIN 7 CONTAINS GONDOLA GULCH AND THE REGRADED SLOPE TO THE SOUTH. FLOW IS CONVEYED ALONG THE NORTH CURB, WHERE FLOW IS CAPTURED INLINE WITH INLETS 8 AND 9 AT THE BOTTOM OF THE SLOPE. BASIN 8 CONSISTS OF FLOW OF THE PROPOSED PEDESTRIAN PATHS AND REGRADED SLOPES. FLOW GOES EAST TO WEST, WHERE FLOW IS CAPTURED ALONG A TRENCH DRAIN ALONG THE BOTTOM OF THE RETAINING WALLS AND PATHWAYS. BASIN 9 CONTAINS FLOW FROM THE EXISTING PARKING LOT TO THE EAST. THE PROPOSED PEDESTRIAN PATH, AND REGRADED SLOPE. FLOW IS CONVEYED FROM EAST TO WEST, WHERE FLOW IS CAPTURED INTO A TRENCH DRAIN. EXISTING BASIN 7 ALSO CONTRIBUTES TO THE SITE. PROPOSED INLET 6 WILL CAPTURE FLOW THAT PREVIOUSLY SHEET FLOWED ONTO THE EXISTING SLOPE. ONSITE BASINS 5, 7, AND EXISTING BASIN 7 ALL TIE TO AN EXISTING 30" STORM DRAIN. ONSITE BASINS CONNECTS TO THE EXISTING 30" STORM DRAIN JUST DOWNSTREAM OF THE PREVIOUS ONSITE CONTRIBUTING BASINS. ONSITE BASINS 1, 3, 6, 8, AND 9 CONNECTS TO THE EXISTING 66" STORM DRAIN DOWNSTREAM OF ALL PREVIOUS STORM DRAIN TIE INS. THESE FLOWS ALL ULTIMATELY DISCHARGE OFFSITE INTO THE NORTH DIVERSION CHANNEL TO THE WEST.

PER THE PROPOSED HYDROLOGY CALCULATIONS, THE TOTAL Q GOING TO AP-1 IS 142.91 CFS. THE ALLOWABLE DISCHARGE OF THE SITE IS 154 CFS REFERENCED IN THE EXISTING CONDITIONS SECTION. THE PROPOSED CONDITION IS PROVIDING LESS DISCHARGE THAN THE ALLOWABLE DISCHARGE AT THE EXISTING 66" STORM DRAIN, AND THEREFORE, IT IS ACCEPTABLE.

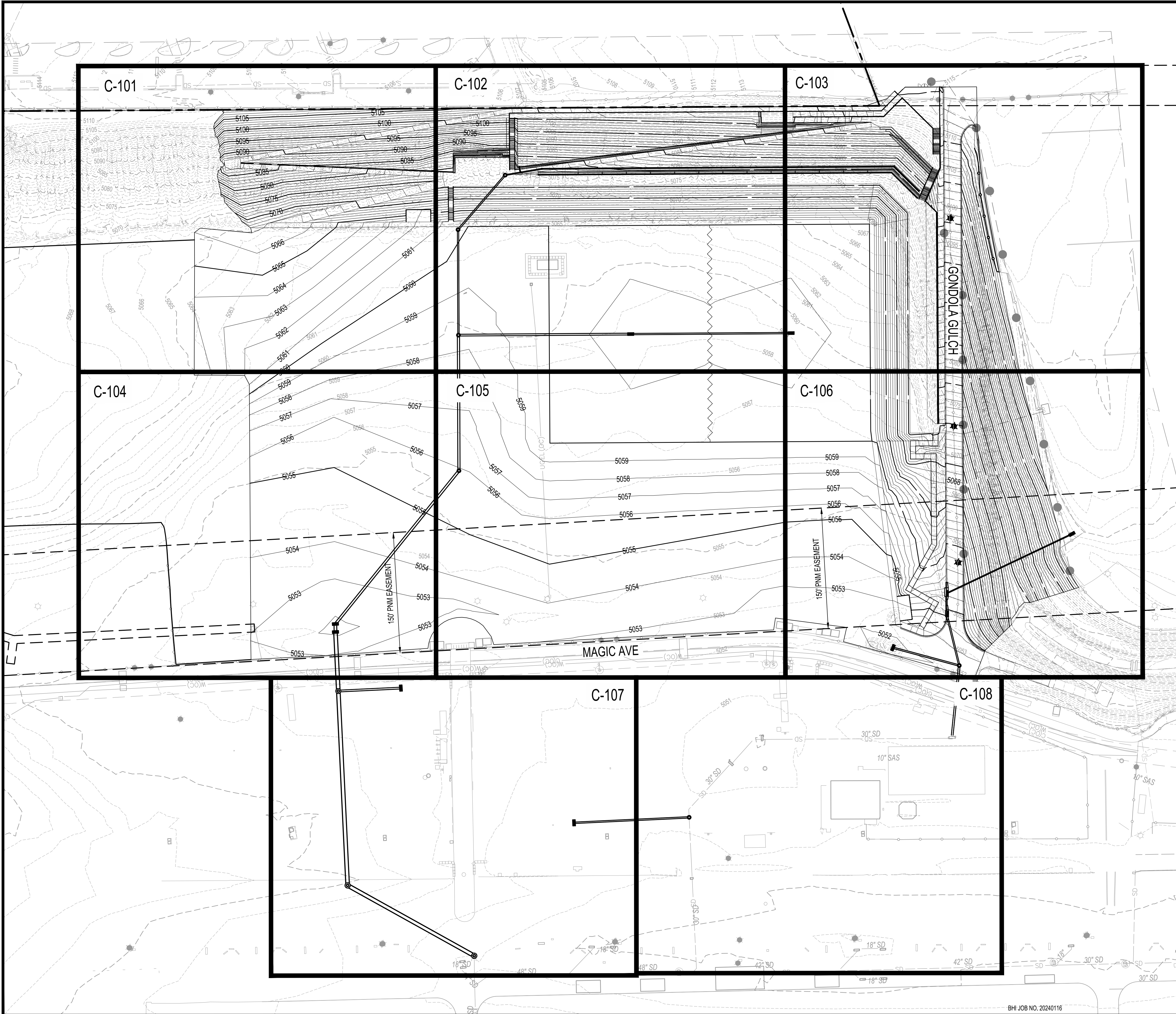
INLET TABLE						
Inlet #	Inlet Type	Avail Head ft	Capacity CFS	Total Q CFS	Incepted Q CFS	Bypass Q CFS
IN1*	1-DBL COA TYPE D	0.67	19.91	6.65	6.65	0.00
IN2*	1-DBL COA TYPE D	0.67	19.91	6.65	6.65	0.00
IN3*	1-DBL COA TYPE D	1.25	41.98	31.71	31.71	0.00
IN4*	1-DBL COA TYPE D	1.25	41.98	31.71	31.71	0.00
IN5*	1-DBL COA TYPE D	0.50	36.57	16.41	16.41	0.00
IN6*	1-DBL COA TYPE D	1.00	12.93	5.41	5.41	0.00
IN7*	1-DBL COA TYPE D	0.50	12.93	6.33	6.33	0.00
IN8	1-DBL COA TYPE A	0.22	2.40	6.09	2.40	3.69
IN9	1-DBL COA TYPE C	0.18	1.63	3.69	1.63	2.06
IN10*	1-DBL COA TYPE D	0.40	9.25	9.19	9.19	0.00

\*Inlet in sump condition

STORM DRAIN PIPE TABLE				
PIPE #	Size in.	Slope	Capacity cfs	ACTUAL FLOW cfs
SD1	18	3.34%	20.80	12.72
SD2	18	0.58%	8.67	6.65
SD3	24	0.58%	18.66	13.31
SD4	30	1.27%	50.08	26.03
SD5	36	1.27%	81.43	57.74
SD6	48	0.56%	116.45	89.46
SD7	24	2.00%	34.66	16.41
SD8	48	0.56%	116.45	105.87
SD9	18	1.61%	14.44	5.41
SD10	12	27.41%	20.21	6.33
SD11	18	5.55%	26.81	8.73
SD12	18	3.70%	21.89	10.36
SD13	18	0.69%	9.45	9.19
SD14	24	0.65%	19.76	19.54

1- Capacity Based on Manning's Eq w/ N= 0.012

BFP Stadium Proposed Basin Data Table													
This table is based on page 6-10 of the DPM, Zone: 2													
Basin ID	Area (SQ FT)	Area (AC)	Land Treatment Percentages				Q(100yr) (CFS/AC)	Q(100yr) (CFS)	E(100yr) (INCHES)	V <sub>(100yr-24hr)</sub> (CF)	V <sub>(100yr-10d)</sub> (CF)	V <sub>(100yr-10d)</sub> (AC-FT)	SWQV (CF)
			A	B	C	D							
B1	175110	4.02	0.0%	0.0%	20.0%	80.0%	4.08	16.41	2.07	33709	49235	7.13	5837
B2	57772	1.33	0.0%	0.0%	20.0%	80.0%	4.08	5.41	2.07	11121	16244	0.37	1926
B3	668420	15.34	0.0%	0.0%	16.0%	84.0%	4.13	63.43	2.12	132236	194466	4.46	23395
B4	123507	2.84	0.0%	0.0%	6.0%	94.0%	4.26	12.09	2.25	26081	38948	0.89	4837
B5	72714	1.67	0.0%	0.0%	6.0%	94.0%	4.26	7.12	2.25	16367	22949	0.53	2850
B6	142923	3.28	0.0%	0.0%	22.0%	78.0%	4.06	13.31	2.04	27132	39487	0.91	4645
B7	80567	1.85	0.0%	0.0%	81.0%	19.0%	3.30	6.09	1.28	8956	10653	0.24	638
B8	49725	1.14	0.0%	0.0%	61.0%	39.0%	3.55	4.06	1.54	6854	9003	0.21	808
B9	93035	2.14	0.0%	0.0%	22.0%	78.0%	4.06	8.66	2.04	17661	25704	0.59	3024
<b>TOTAL</b>	<b>1463835</b>	<b>33.61</b>	-	-	-	-	-	<b>136.58</b>	-	<b>279117</b>	<b>406689</b>	<b>9.34</b>	<b>47960</b>



**GRADING NOTES**

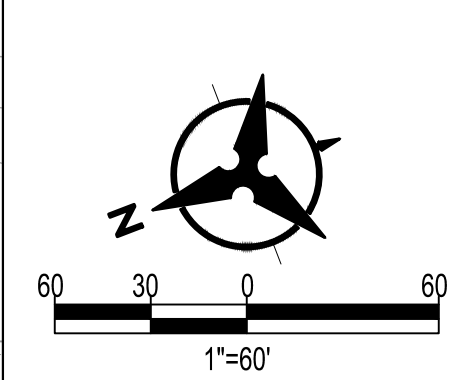
- EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.
- ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, 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 NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
- EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- 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 PLAN.
- THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY.
- 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.
- PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.
- VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.

**Bohannan  
Huston**  
www.bhinc.com  
800.877.5332

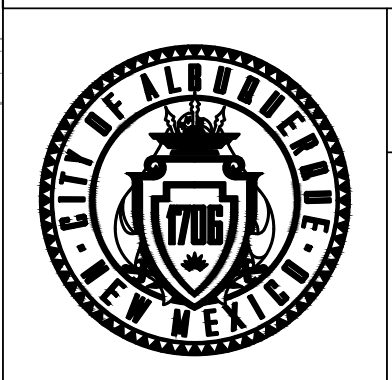
**BENCH MARKS**  
CITY OF ALBUQUERQUE CONTROL MONUMENT 1\_A16 (PTS)  
GEOGRAPHIC POSITION (NAD 1983)  
NM STATE PLANE COORDINATES  
(CENTRAL ZONE, US SURVEY FEET)  
N=153403.19' E=151222.84'  
GROUND-TO-GRID FACTOR = 0.99996969  
NAVD 1988 ELEVATION= 5106.342 (US SURVEY FEET)



NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION <td> </td>	
		CONTRACTOR: <td> </td>	
		WORK STAKED BY: <td> </td>	
		INSPECTOR'S ACCEPTANCE BY: <td> </td>	
		FIELD VERIFICATION BY: <td> </td>	
		DRAWINGS CORRECTED BY: <td> </td>	



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



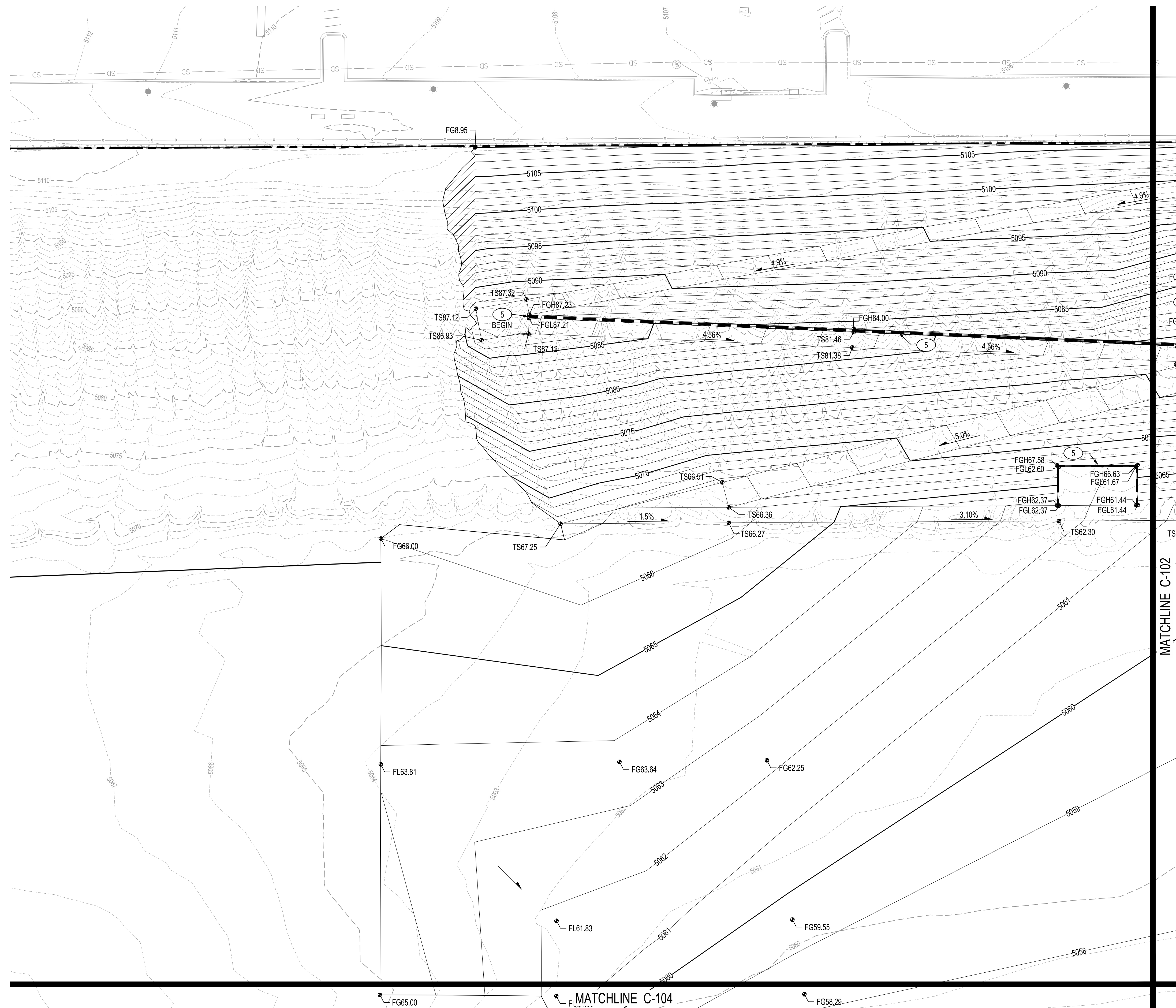
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**BFP - SITE INFRASTRUCTURE IMPROVEMENTS  
OVERALL GRADING PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. B-17
		CITY PROJECT NO.
		SHEET NO. C-100 OF ---

Tue, 3-Mar-2026, 2:28pm, Plotted by: GBROWN  
P:\2026\BFP\Drawings\BFP\_Overall\_Grading\_Plan.dwg

Tue, 3/14/2024, 2:28pm, Plotted by: GBROWEN  
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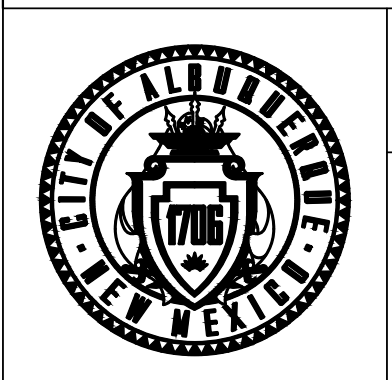
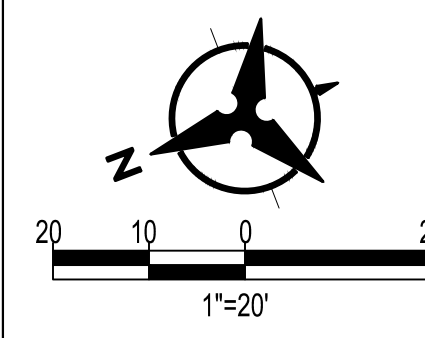
**GRADING KEYED NOTES**

1. INSTALL STORM DRAIN PIPE (RCP OR HDPE PER ASTM D2648 OR APPROVED EQUAL). SEE PLAN FOR SIZE & SLOPE.
2. INSTALL 4" PEDESTRIAN-RATED TRENCH DRAIN INLET PER (ZURN OR APPROVED EQUAL).
3. INSTALL TYPE 'D' SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
4. INSTALL 4" DIA. TYPE C MANHOLE PER COA STD DWG 2208.
5. INSTALL MASONRY WALL, REFER TO STRUCTURAL AND ARCHITECTURAL PLANS FOR DETAILS.
6. CONNECT TO EXISTING STORM DRAIN STUB OUT. CONTRACTOR TO VERIFY EXACT LOCATION AND INVERT ELEVATION.
7. CONSTRUCT 6" WIDE TRAFFIC-RATED TRENCH DRAIN WITH PEDESTRIAN-RATED GRATING.
8. INSTALL 18" NYLOPLAST IN-LINE DRAIN BASIN (OR APPROVED EQUAL) WITH ADA-RATED FLUSH GRATE
9. CONNECT TO EXISTING STORM DRAIN INLET. CONTRACTOR TO VERIFY EXACDT LOCATION AND INVERT ELEVATION.
10. INSTALL PRE-FABRICATED STORM DRAIN FITTING, SIZE PER PLAN.
11. TIERED RETAINING WALL SYSTEM, REFER TO STRUCTURAL AND ARCHITECTURAL SITE PLANS FOR DETAILS.
12. INSTALL TYPE 'A' DOUBLE GRATE, SINGLE WING STORM DRAIN INLET PER COA STD DWG 2201.
13. INSTALL 6" DIA. TYPE C MANHOLE PER COA STD DWG 2208.
14. INSTALL TYPE 'D' DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
15. INSTALL 18" NYLOPLAST IN-LINE DRAIN BASIN (OR APPROVED EQUAL) WITH TRAFFIC-RATED SOLID COVER.
16. INSTALL TYPE 'C' DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2205
17. NEATCUT AND REMOVE EXISTING ASPHALT PAVEMENT. REPLACE ASPHALT PER COA STD DWG 2465

\*NOT ALL KEYED NOTES MAY APPLY TO THIS SHEET

**LEGEND**

- PROPERTY LINE
- ▬ RETAINING WALL
- 60.20 PROPOSED SPOT ELEVATION
- TA=TOP OF ASPHALT
- FL=FLOW LINE
- TS=TOP OF SIDEWALK
- TG=TOP OF GRATE
- FG=FINISHED GRADE
- FGH=FINISHED GRADE HIGH
- FGL=FINISHED GRADE LOW
- INV=INVERT
- - - 5760 EXISTING INDEX CONTOUR
- - - 5759 EXISTING INTERMEDIATE CONTOUR
- 5760 PROPOSED INDEX CONTOUR
- 5759 PROPOSED INTERMEDIATE CONTOUR
- DIRECTION OF FLOW
- ⊘ WATER BLOCK / GRADE BREAK
- ⊙ PROPOSED STORM DRAIN MANHOLE
- ⊙ PROPOSED STORM DRAIN INLETS
- ▬ PROPOSED STORM DRAIN LINE
- ▨ PAVEMENT REMOVAL AND REPLACEMENT



CITY OF ALBUQUERQUE  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION

**BFP - SITE INFRASTRUCTURE IMPROVEMENTS  
 GRADING PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. B-17
		CITY PROJECT NO.
		SHEET NO. C-101 OF ---

**Bohannon  
 Huston**  
 www.bhinc.com  
 800.877.5332

CONSULTANTS

BENCH MARKS

CITY OF ALBUQUERQUE CONTROL MONUMENT T\_1416 (PTS)  
 GEOGRAPHIC POSITION (NAD 1983)  
 NM STATE PLANE COORDINATES  
 (CENTRAL ZONE, US SURVEY FEET)  
 N=1530403.197 E=1512222.894  
 GROUND-TO-GRID FACTOR = 0.99996969  
 NAD1983 ELEVATION= 5106.342 (US SURVEY FEET)



SEAL

NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		WORK STAKED BY:	
		INSPECTOR'S ACCEPTANCE BY:	
		FIELD VERIFICATION BY:	
		DRAWINGS CORRECTED BY:	

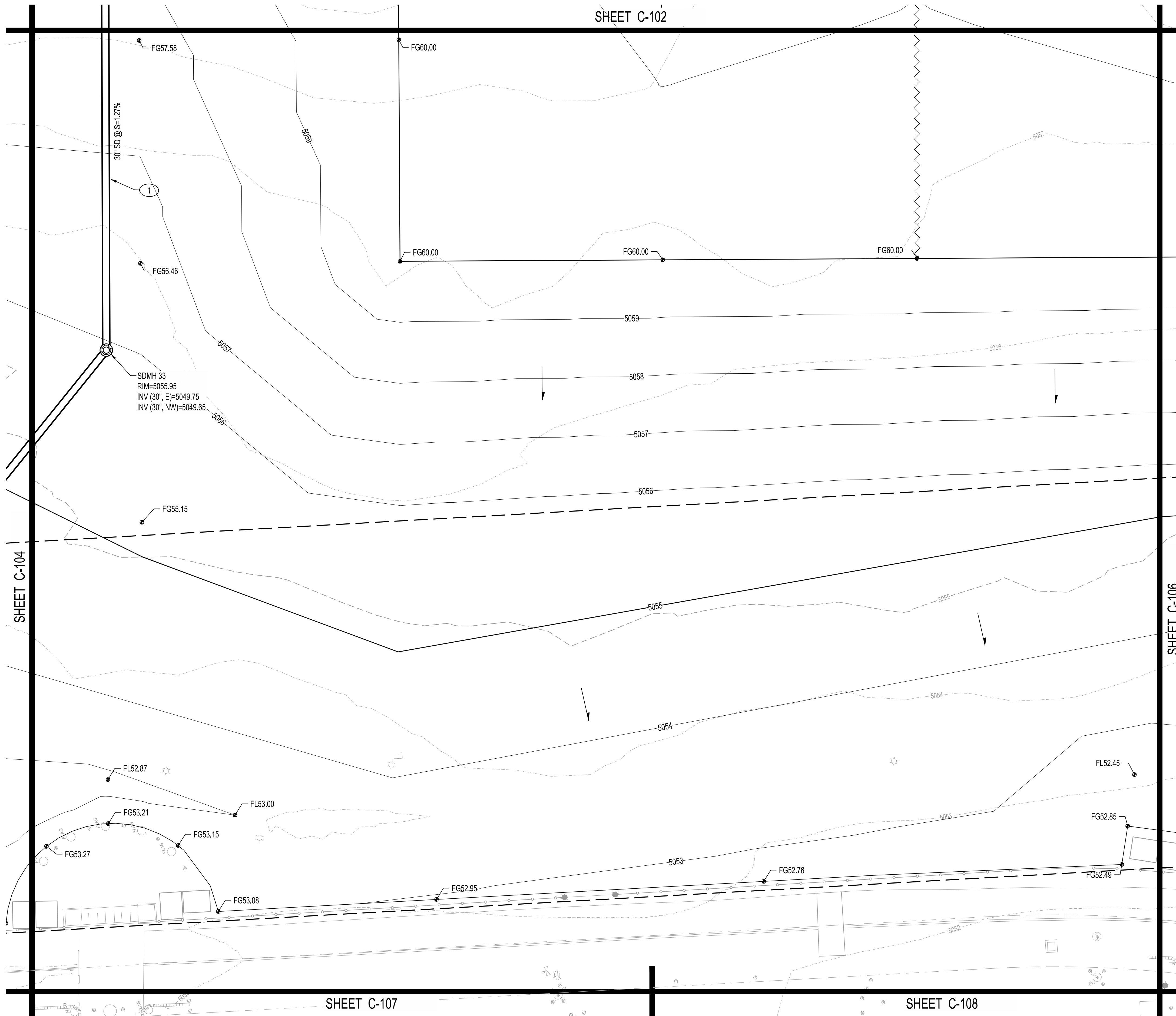
DESIGNED BY: OB  
 DRAWN BY: CE/LS  
 CHECKED BY: JLM  
 DATE: 03/03/2026







SHEET C-102



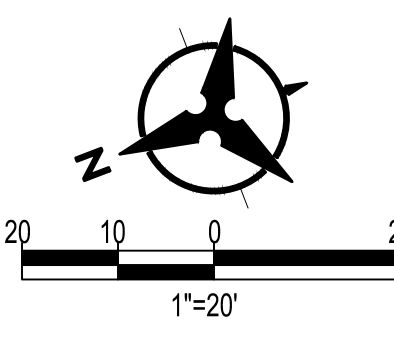
GRADING KEYED NOTES

1. INSTALL STORM DRAIN PIPE (RCP OR HDPE PER ASTM D2648 OR APPROVED EQUAL). SEE PLAN FOR SIZE & SLOPE.
2. INSTALL 4" PEDESTRIAN-RATED TRENCH DRAIN INLET PER (ZURN OR APPROVED EQUAL).
3. INSTALL TYPE 'D' SINGLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
4. INSTALL 4' DIA. TYPE C MANHOLE PER COA STD DWG 2208.
5. INSTALL MASONRY WALL, REFER TO STRUCTURAL AND ARCHITECTURAL PLANS FOR DETAILS.
6. CONNECT TO EXISTING STORM DRAIN STUB OUT. CONTRACTOR TO VERIFY EXACT LOCATION AND INVERT ELEVATION.
7. CONSTRUCT 6" WIDE TRAFFIC-RATED TRENCH DRAIN WITH PEDESTRIAN-RATED GRATING.
8. INSTALL 18" NYLOPLAST IN-LINE DRAIN BASIN (OR APPROVED EQUAL) WITH ADA-RATED FLUSH GRATE
9. CONNECT TO EXISTING STORM DRAIN INLET. CONTRACTOR TO VERIFY EXACT LOCATION AND INVERT ELEVATION.
10. INSTALL PRE-FABRICATED STORM DRAIN FITTING, SIZE PER PLAN.
11. TIERED RETAINING WALL SYSTEM, REFER TO STRUCTURAL AND ARCHITECTURAL SITE PLANS FOR DETAILS.
12. INSTALL TYPE 'A' DOUBLE GRATE, SINGLE WING STORM DRAIN INLET PER COA STD DWG 2201.
13. INSTALL 6" DIA. TYPE C MANHOLE PER COA STD DWG 2208.
14. INSTALL TYPE 'D' DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2206.
15. INSTALL 18" NYLOPLAST IN-LINE DRAIN BASIN (OR APPROVED EQUAL) WITH TRAFFIC-RATED SOLID COVER.
16. INSTALL TYPE 'C' DOUBLE GRATE STORM DRAIN INLET PER COA STD DWG 2205
17. NEATCUT AND REMOVE EXISTING ASPHALT PAVEMENT. REPLACE ASPHALT PER COA STD DWG 2465

\*NOT ALL KEYED NOTES MAY APPLY TO THIS SHEET

LEGEND

- PROPERTY LINE
- █ RETAINING WALL
- 60.20 PROPOSED SPOT ELEVATION
- TA=TOP OF ASPHALT
- FL=FLOW LINE
- TS=TOP OF SIDEWALK
- TG=TOP OF GRATE
- FG=FINISHED GRADE
- FGH=FINISHED GRADE HIGH
- FGL=FINISHED GRADE LOW
- INV=INVERT
- - - 5760 EXISTING INDEX CONTOUR
- - - 5759 EXISTING INTERMEDIATE CONTOUR
- 5760 PROPOSED INDEX CONTOUR
- 5759 PROPOSED INTERMEDIATE CONTOUR
- DIRECTION OF FLOW
- ⊗ WATER BLOCK / GRADE BREAK
- ⊙ PROPOSED STORM DRAIN MANHOLE
- ⊙ PROPOSED STORM DRAIN INLETS
- PROPOSED STORM DRAIN LINE
- ▨ PAVEMENT REMOVAL AND REPLACEMENT



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

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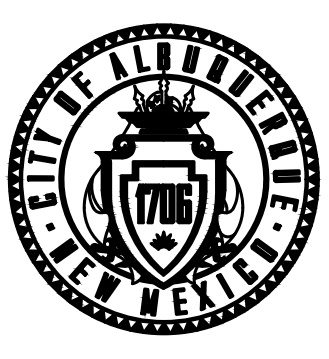
BENCH MARKS

CITY OF ALBUQUERQUE CONTROL MONUMENT 1\_A18 (PTS)  
GEOGRAPHIC POSITION (NAD 1983)  
NAD STATE PLANE COORDINATES  
(CENTRAL ZONE, US SURVEY FEET)  
N=153403.19' E=154222.84'  
GROUND-TO-GRID FACTOR = 0.99996969  
NAVD 1988 ELEVATION= 516.342 (US SURVEY FEET)



NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		WORK STAKED BY:	
		INSPECTOR'S ACCEPTANCE BY:	
		FIELD VERIFICATION BY:	
		DRAWINGS CORRECTED BY:	

DESIGNED BY: OB  
DRAWN BY: CE/LS  
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**BFP - SITE INFRASTRUCTURE IMPROVEMENTS  
GRADING PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO. B-17
		CITY PROJECT NO.
		SHEET NO. C-105 OF ---

Tue, 3-Mar-2026, 2:22:27 PM, Plotted by: QMBROWN  
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