

# CITY OF ALBUQUERQUE

Planning Department  
Alan Varela, Director



Mayor Timothy M. Keller

December 24, 2024

Joshua J. Lutz, PE  
Bohannon Huston, Inc.  
7500 Jefferson St NE  
Albuquerque, NM 87109

**RE: Residence Inn at Highlands  
Grading & Drainage Plans  
Engineer's Stamp Date: 12/24/2024  
Hydrology File: K15D034D**

Dear Mr. Lutz:

Based upon the information provided in your submittal received 12/24/2024, the Grading & Drainage Plans are approved for Building Permit and for action by the Development Facilitation Team (DFT) for Site Plan for Building Permit. Please attach a copy of this approved plan in the construction sets for Building Permit processing along with a copy of this letter.

PO Box 1293

**PRIOR TO CERTIFICATE OF OCCUPANCY:**

Albuquerque

1. Engineer's Certification, per the DPM Part 6-14 (F): *Engineer's Certification Checklist For Non-Subdivision* is required.

NM 87103

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](mailto:jhughes@cabq.gov), 505-924-3420) 14 days prior to any earth disturbance.

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

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

Sincerely,

Richard Martinez, P.E.  
Senior Engineer, Hydrology  
Planning Department



# City of Albuquerque

Planning Department  
Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title: \_\_\_\_\_ Hydrology File # \_\_\_\_\_

Legal Description: \_\_\_\_\_

City Address, UPC, OR Parcel: \_\_\_\_\_

Applicant/Agent: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Applicant/Owner: \_\_\_\_\_ Contact: \_\_\_\_\_

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**TYPE OF DEVELOPMENT:** Plat (# of lots) \_\_\_\_\_ Single Family Home  
All other Developments

RE-SUBMITTAL: YES NO

**DEPARTMENT:** TRANSPORTATION HYDROLOGY/DRAINAGE

**Check all that apply under Both the Type of Submittal and the Type of Approval Sought:**

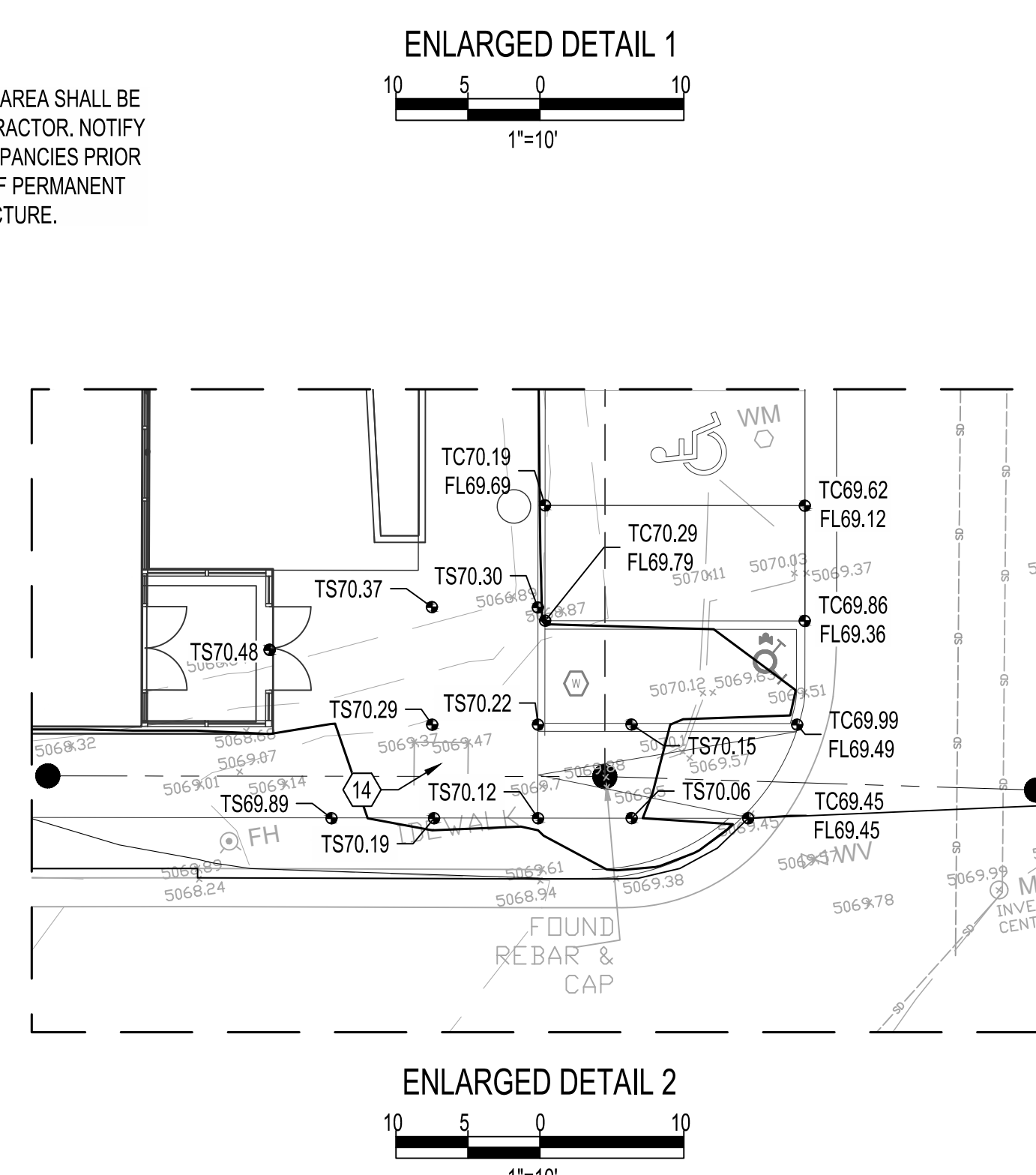
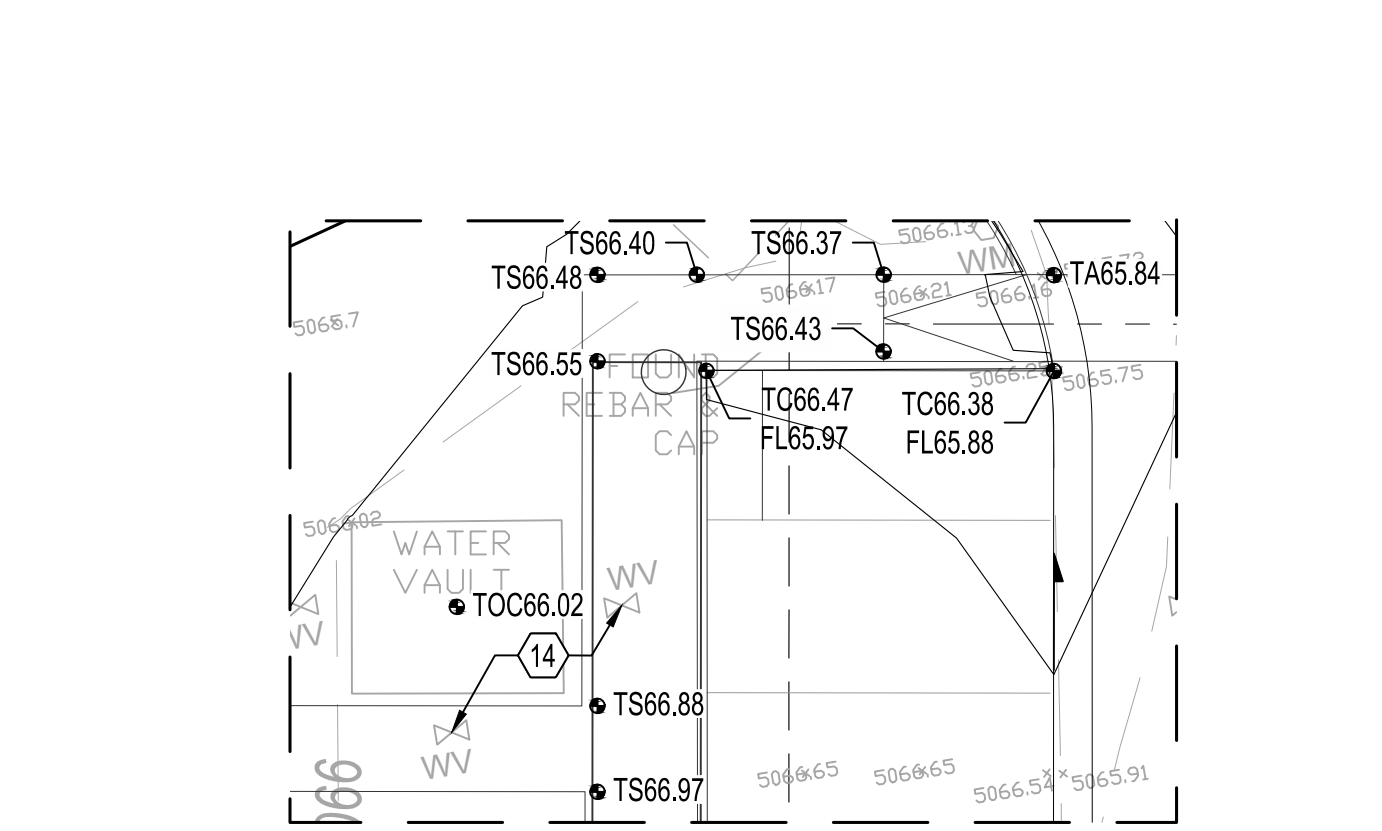
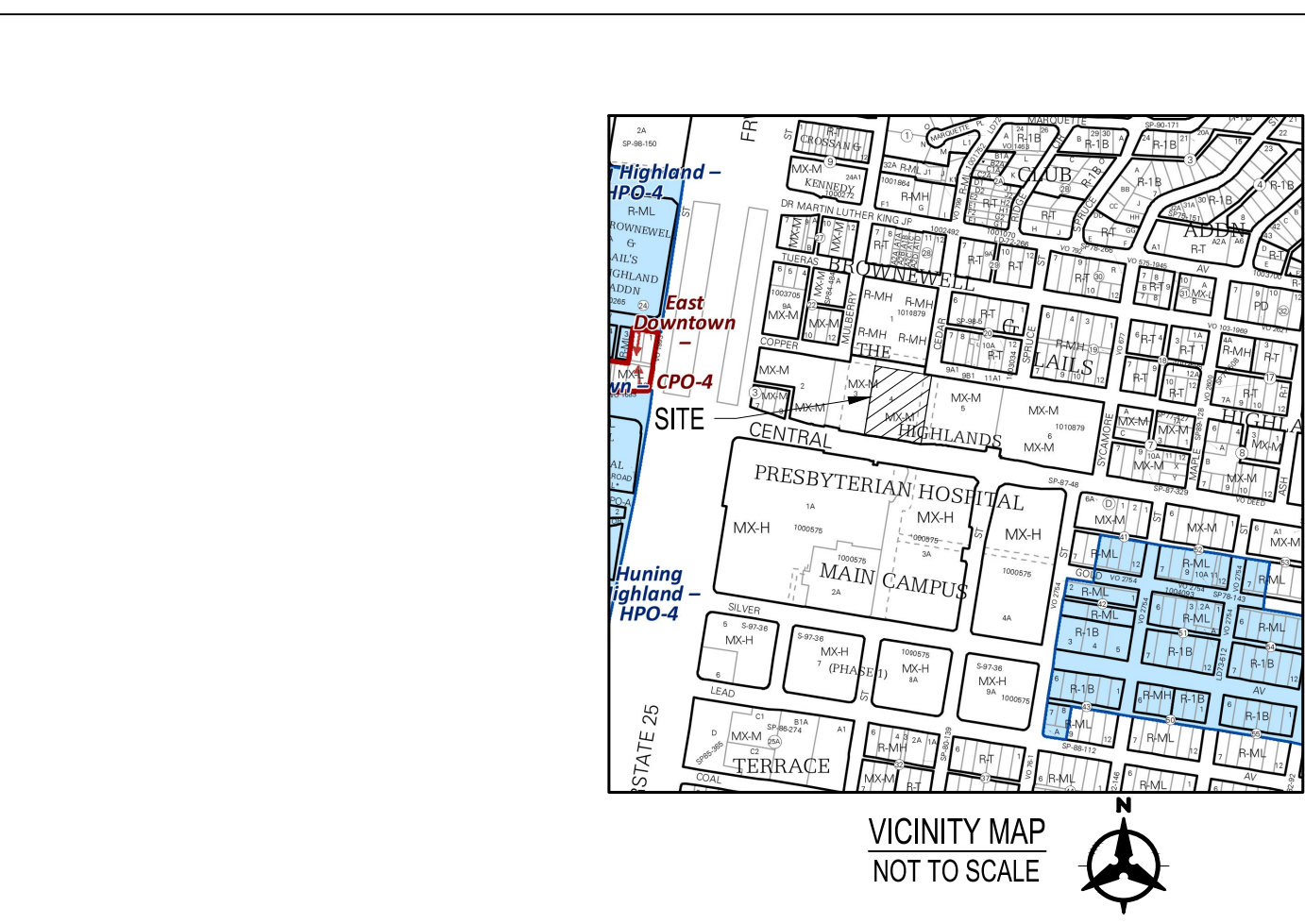
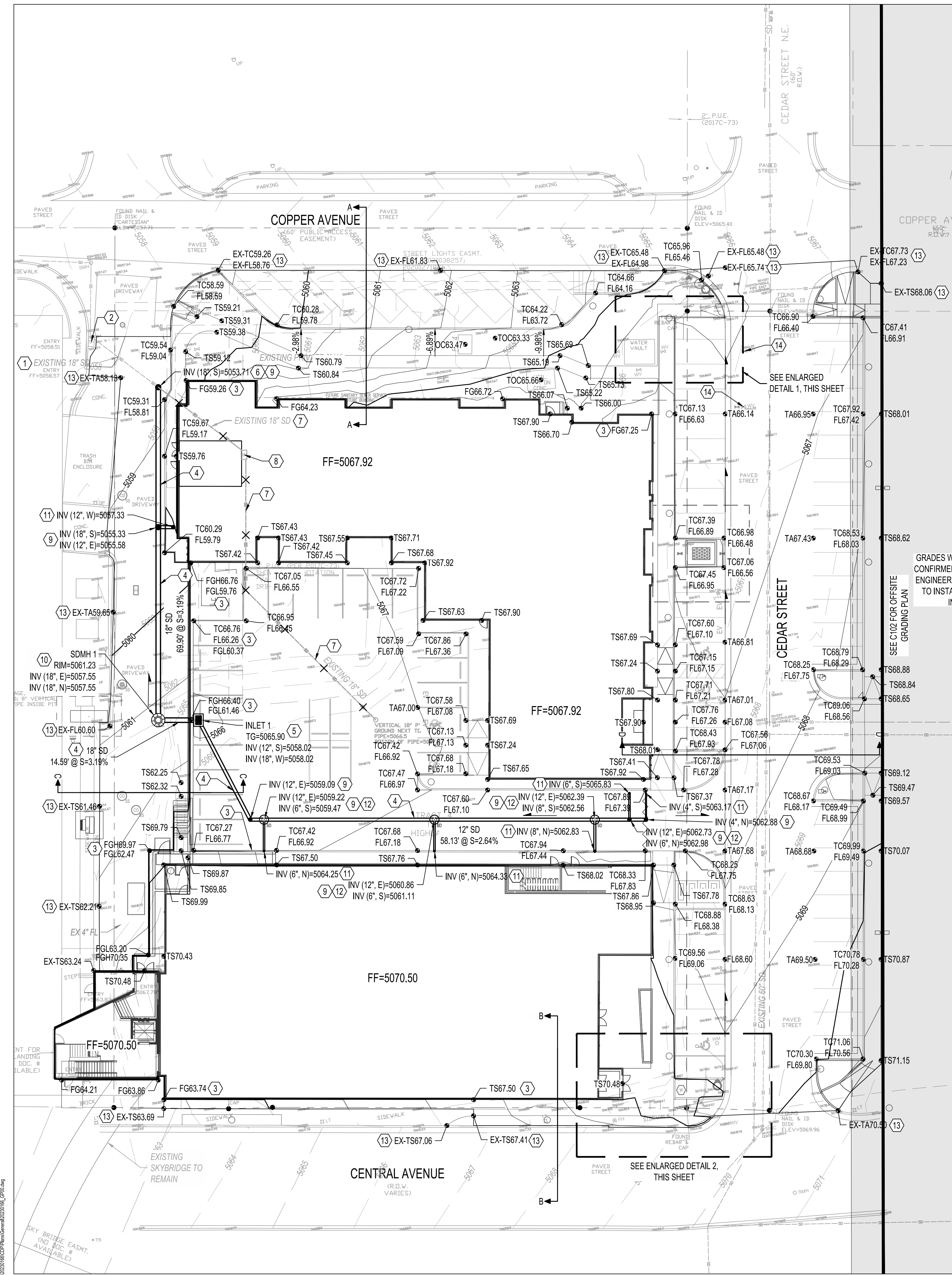
### TYPE OF SUBMITTAL:

- Engineering / Architect Certification
- Conceptual Grading & Drainage Plan
- Grading & Drainage Plan, and/or Drainage Report
- Drainage Report (Work Order)
- Drainage Master Plan
- Conditional Letter of Map Revision (CLOMR)
- Letter of Map Revision (LOMR)
- Floodplain Development Permit
- Traffic Circulation Layout (TCL) – Administrative
- Traffic Circulation Layout (TCL) – DFT Approval
- Traffic Impact Study (TIS)
- Street Light Layout
- OTHER (SPECIFY) \_\_\_\_\_

### TYPE OF APPROVAL SOUGHT:

- Pad Certification
- Building Permit
- Grading Permit
- Paving Permit
- SO-19 Permit
- Foundation Permit
- Certificate of Occupancy - Temp Perm
- Preliminary / Final Plat
- Site Plan for Building Permit - DFT
- Work Order (DRC)
- Release of Financial Guarantee (ROFG)
- CLOMR / LOMR
- Conceptual TCL - DFT
- OTHER (SPECIFY) \_\_\_\_\_

DATE SUBMITTED: \_\_\_\_\_



City of Albuquerque  
Planning Department  
Development Review Services  
**HYDROLOGY SECTION**  
**APPROVED**

DATE: 12/24/2024  
BY: *[Signature]*  
HydroTrans # K15D034D

THE APPROVAL OF THESE PLANS REPORT SHALL NOT BE CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY ORDINANCE OR STATE LAW AND SHALL NOT PREVENT THE CITY OF ALBUQUERQUE FROM REQUIRING CORRECTION OR REVISION OF DIMENSIONS IN PLANS, SPECIFICATIONS, OR CONSTRUCTIONS, SUCH APPROVED PLANS SHALL NOT BE CHANGED, MODIFIED OR ALTERED WITHOUT AUTHORIZATION.

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### GRADING KEYNOTES

- EXISTING STORM DRAIN TO REMAIN.
- EXISTING INLET TO REMAIN.
- INSTALL RETAINING WALL. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
- INSTALL HDPE STORM DRAIN PIPE. SEE PLAN FOR SIZE AND SLOPE.
- INSTALL TYPE "D" INLET PER COA STD DWG 2206 (OR APPROVED EQUAL).
- CONNECT TO EXISTING STORM DRAIN.
- REMOVE AND DISPOSE EXISTING STORM DRAIN.
- REMOVE AND DISPOSE EXISTING STORM INLET.
- INSTALL PREFABRICATED PIPE FITTING.
- INSTALL 4" DIAMETER TYPE "C" MANHOLE PER COA STD DWG 2101.
- INSTALL ROOF DRAIN TO WITHIN 5' OF BUILDING.
- INSTALL STORM DRAIN CLEANOUT.
- MATCH EXISTING ELEVATION. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- ADJUST EXISTING INFRASTRUCTURE TO GRADE.

**NOTE**  
THE OWNER HAS ELECTED TO PAY THE PAYMENT IN LIEU OF THE REQUIRED STORMWATER QUALITY VOLUME. PAYMENT IN LIEU (APPROVED AMOUNT = 2,965 CF X \$8/CF = \$23,880) OF ONSITE MANAGEMENT OF THE SWQV WAS MADE.

### LEGEND

- PROPERTY LINE
- PROJECT LIMITS OF GRADING
- 4925- EXISTING INDEX CONTOUR
- 4924- EXISTING INTERMEDIATE CONTOUR
- XX.XX EXISTING GROUND SPOT ELEVATION
- 4925- PROPOSED INDEX CONTOUR
- 4924- PROPOSED INTERMEDIATE CONTOUR
- XX.XX PROPOSED GRADE SPOT ELEVATION
- FL-FLOW LINE
- TC-TOP OF CURB
- TS-TOP OF SIDEWALK
- S=2.0% DIRECTION OF FLOW
- Water Block/Grade Break
- Storm Drain Cleanout



**OWNER/DEVELOPER**  
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505.998.0163 | Josh Rogers  
jrogers@titan-development.com

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214.295.5775 | Jeff Reed  
jreed@urbanstruct.com

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4144 N. Central Expressway, Suite 635  
Dallas, Texas 75204  
214.420.9111 | Chad Leveritt  
chad.leveritt@summitmep.com

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505.958.9615 | Cody McCallen  
cmcullen@yellowstonelandscape.com

**GENERAL CONTRACTOR**  
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2906 Broadway NE  
Albuquerque, New Mexico 87107  
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krishna.reddy@jaynescorp.com

**INTERIORS - HOTEL**  
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**FOOD HALL CONSULTANT**  
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Denver and Boulder, Colorado  
720.936.6772 | Kate Kaufman  
kate@hammerandplate.com

REV.	DATE	ISSUE TITLE
23-05-19		ISSUE FOR 30% CD
23-07-12		ISSUE FOR 60% CD
24-05-02		ISSUE FOR DD / 60% CD
24-07-24		ISSUE FOR BID

INCOMPLETE DOCUMENTS ARE FOR INTERIM REVIEW ONLY. NOT FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION.

RESIDENCE INN & FOOD HALL ABQ  
1111 CENTRAL AVE. NE  
ALBUQUERQUE, NM 87102

210046 PROJECT NUMBER  
C100 SHEET NUMBER



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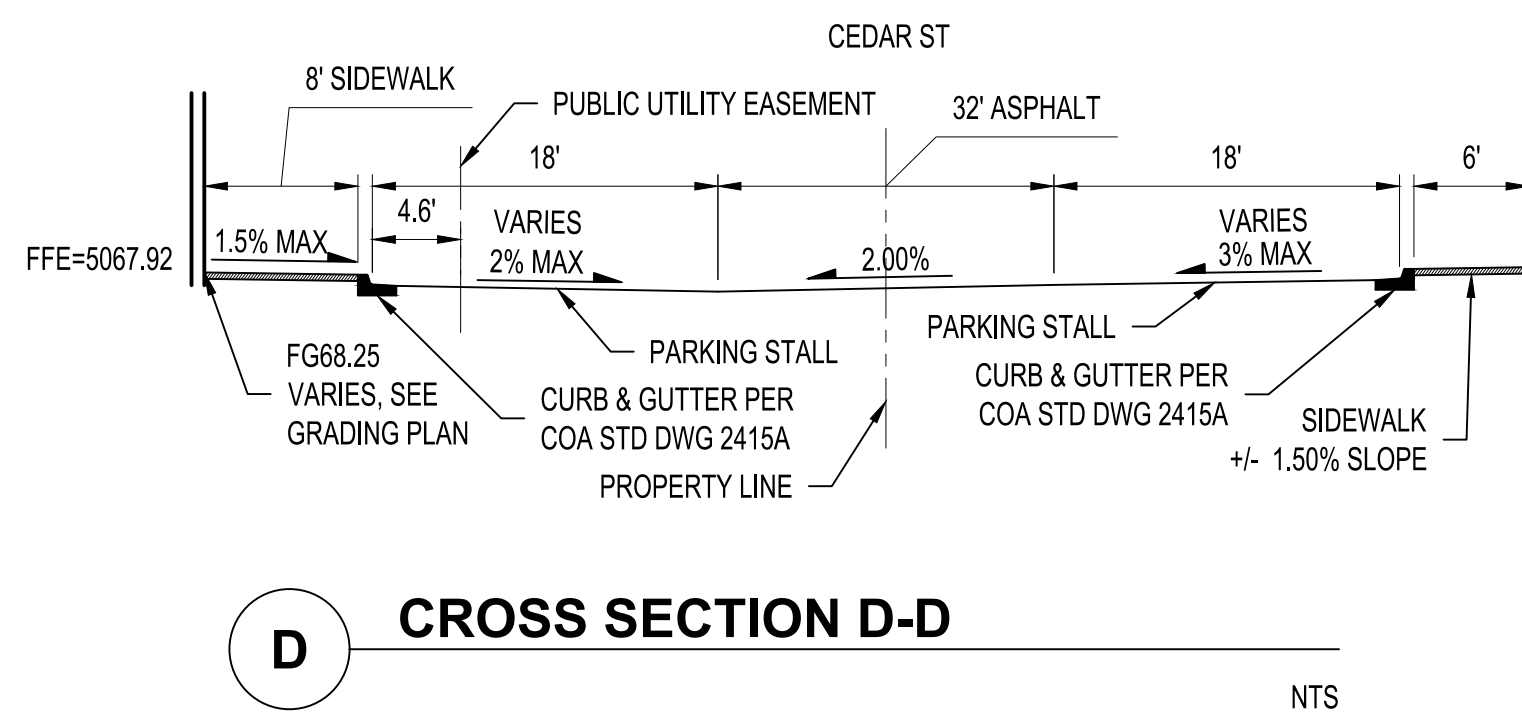
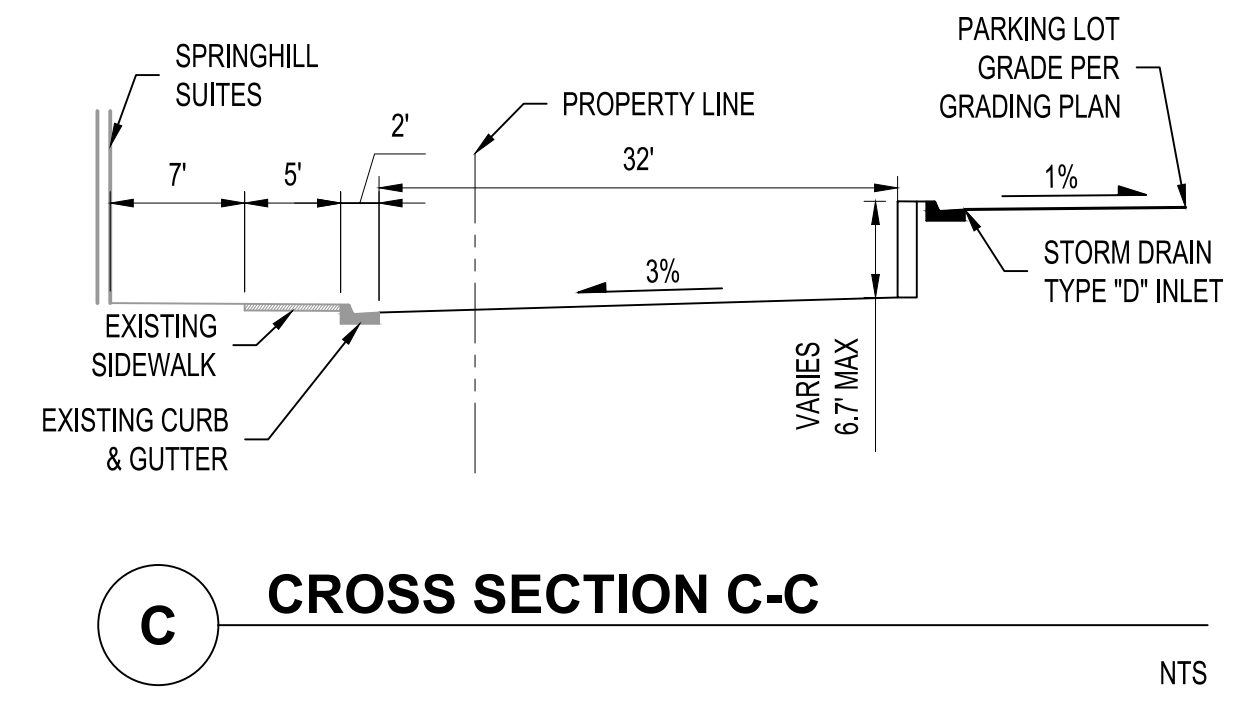
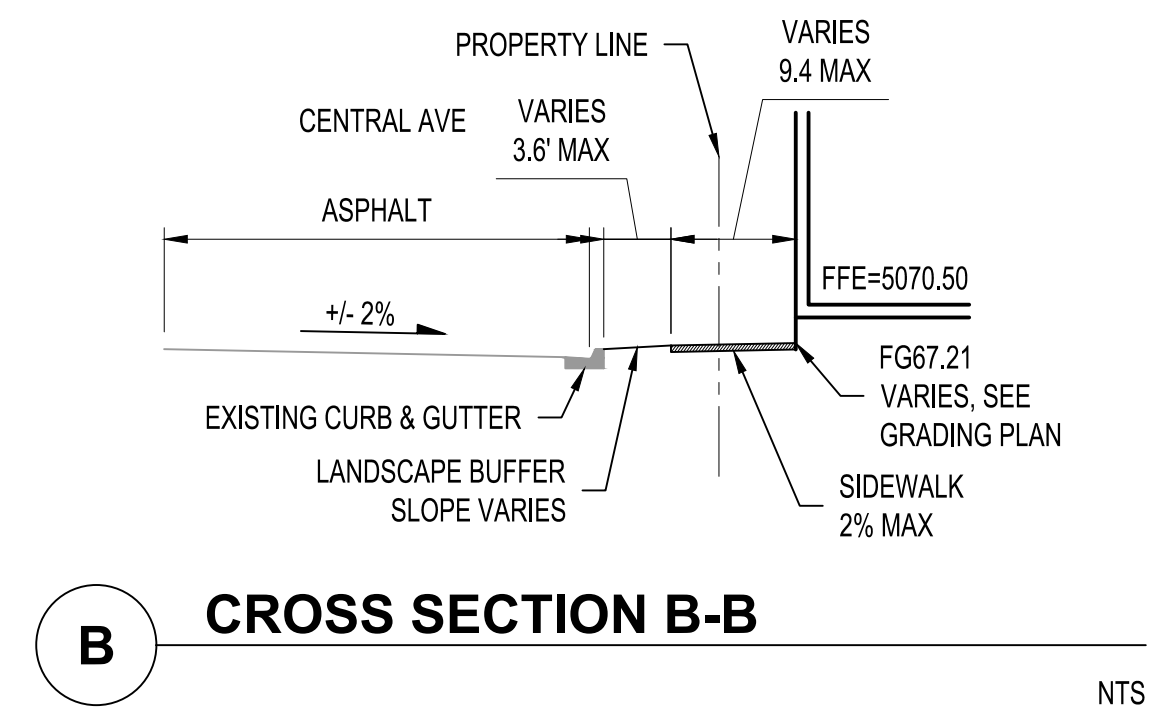
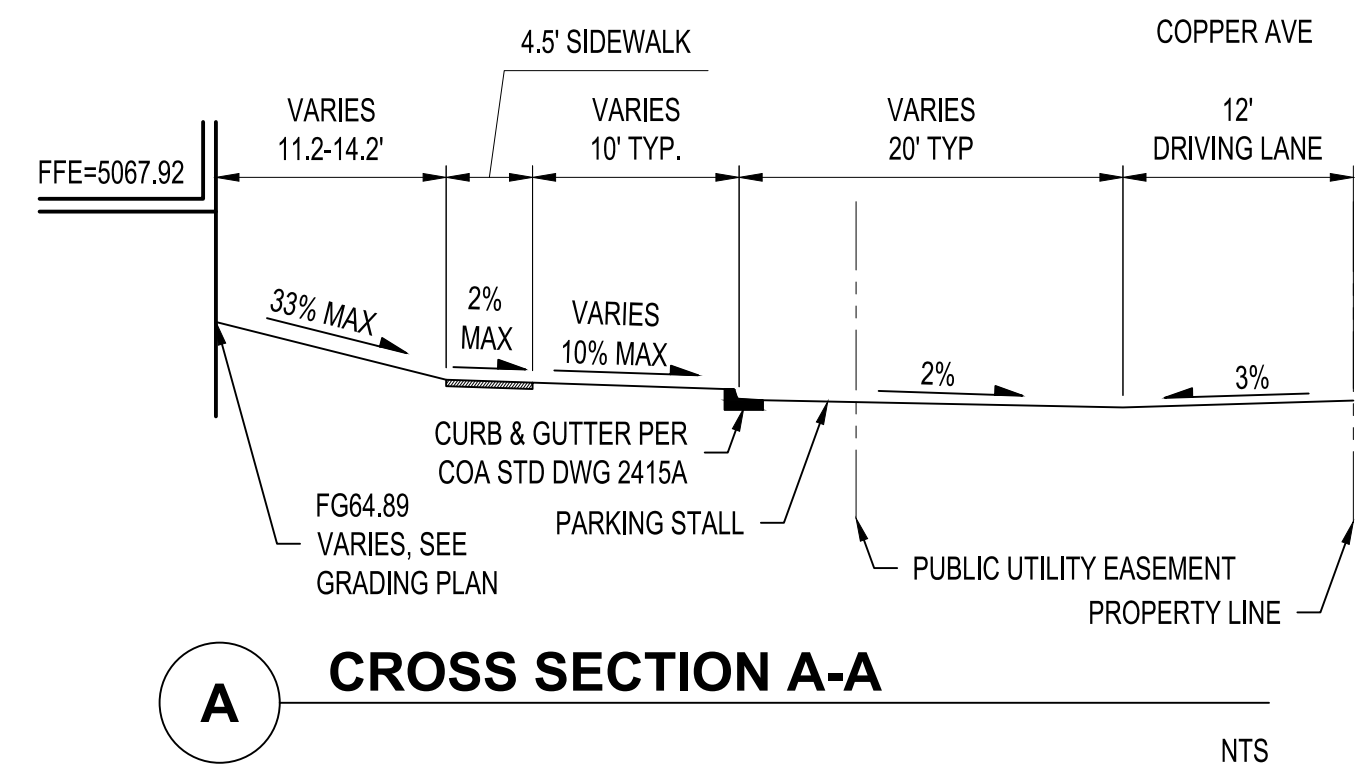
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RESIDENCE INN & FOOD HALL ABQ  
1111 CENTRAL AVE. NE  
ALBUQUERQUE, NM 87102  
**GRADING DETAILS**

210046 PROJECT NUMBER **C101** SHEET NUMBER



City of Albuquerque  
Planning Department  
Development Review Services  
**HYDROLOGY SECTION**  
**APPROVED**

DATE: 12/24/2024  
BY: [Signature]  
HydroTrans # K15D034D

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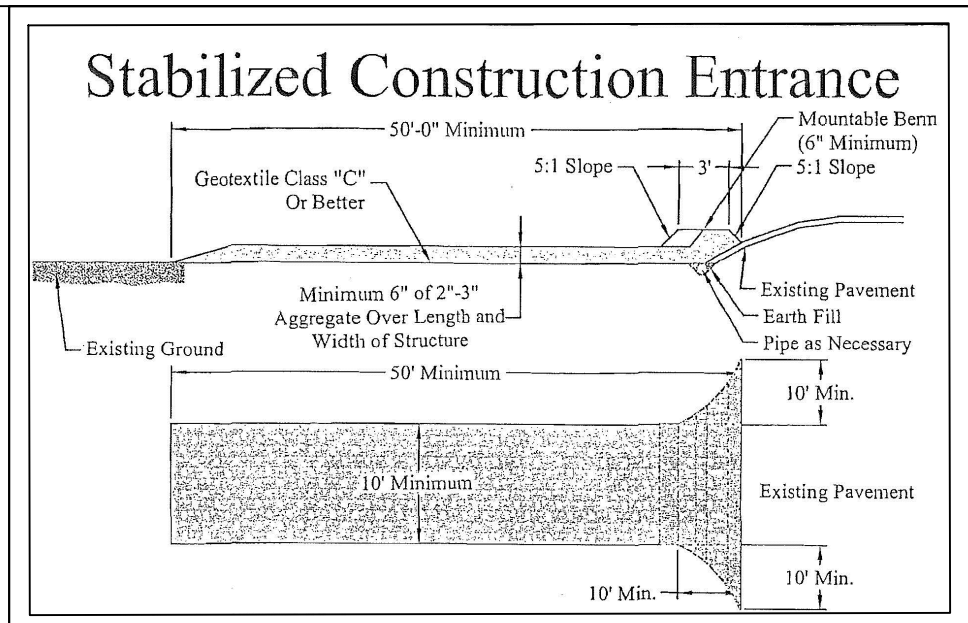


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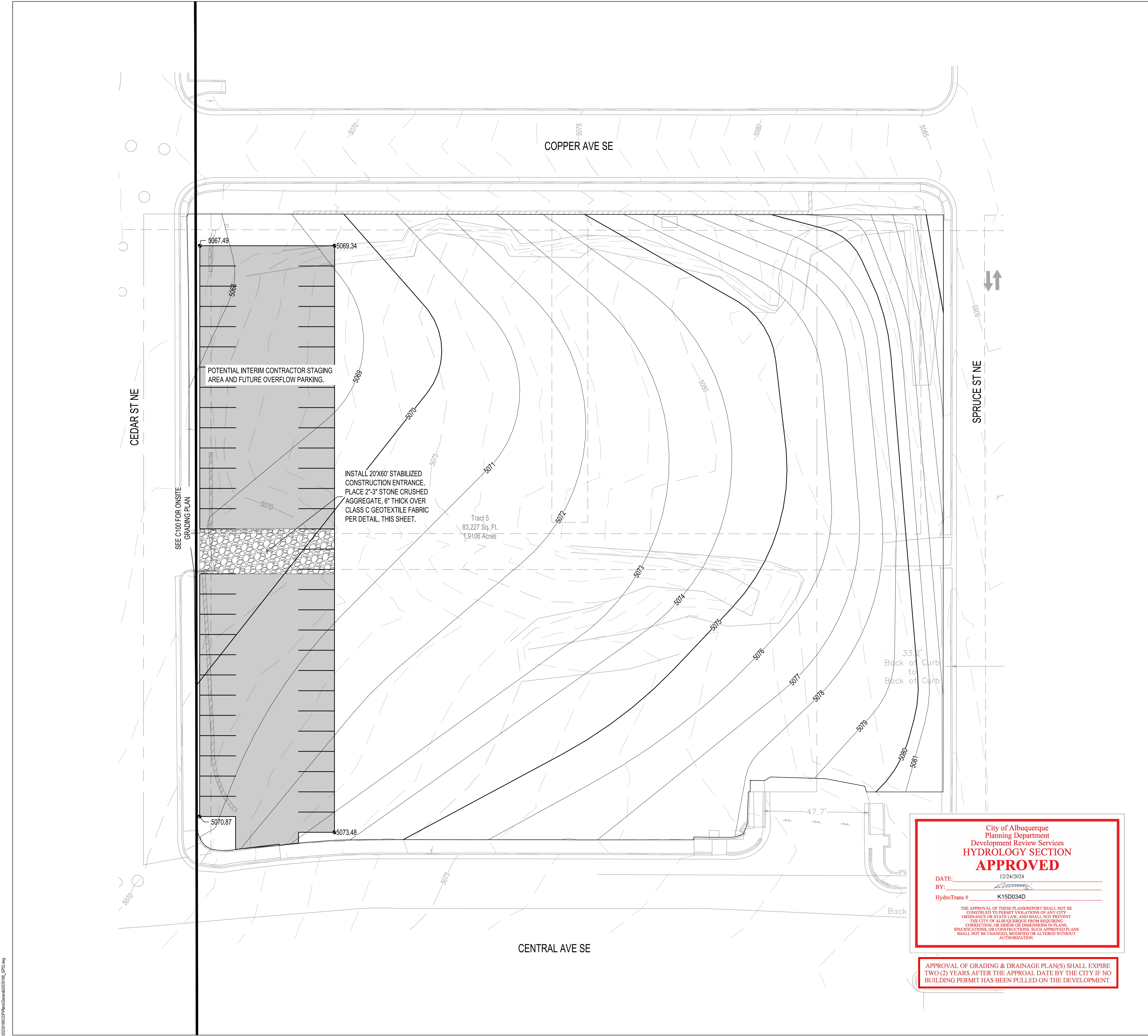
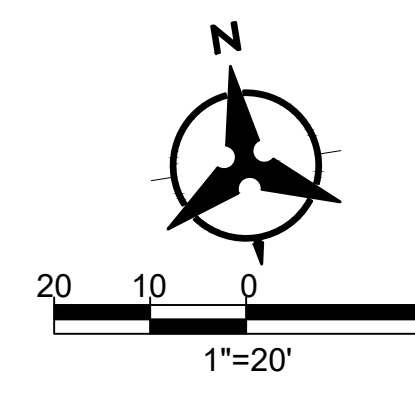
RESIDENCE INN & FOOD HALL ABQ  
1111 CENTRAL AVE. NE  
ALBUQUERQUE, NM 87102  
**GRADING PLAN**

210046 PROJECT NUMBER **C102** SHEET NUMBER



**LEGEND**

- PROPERTY LINE
- PROJECT LIMITS OF GRADING
- 4925 EXISTING INDEX CONTOUR
- 4924 EXISTING INTERMEDIATE CONTOUR
- XX.XX EXISTING GROUND SPOT ELEVATION
- 4925 PROPOSED INDEX CONTOUR
- 4924 PROPOSED INTERMEDIATE CONTOUR
- XX.XX PROPOSED GRADE SPOT ELEVATION
- FL=FLOW LINE
- TC=TOP OF CURB
- TS=TOP OF SIDEWALK
- BASE COURSE OR EQUIVALENT PERVIOUS PARKING AREA
- STABILIZED CONSTRUCTION ENTRANCE PER DETAIL, THIS SHEET



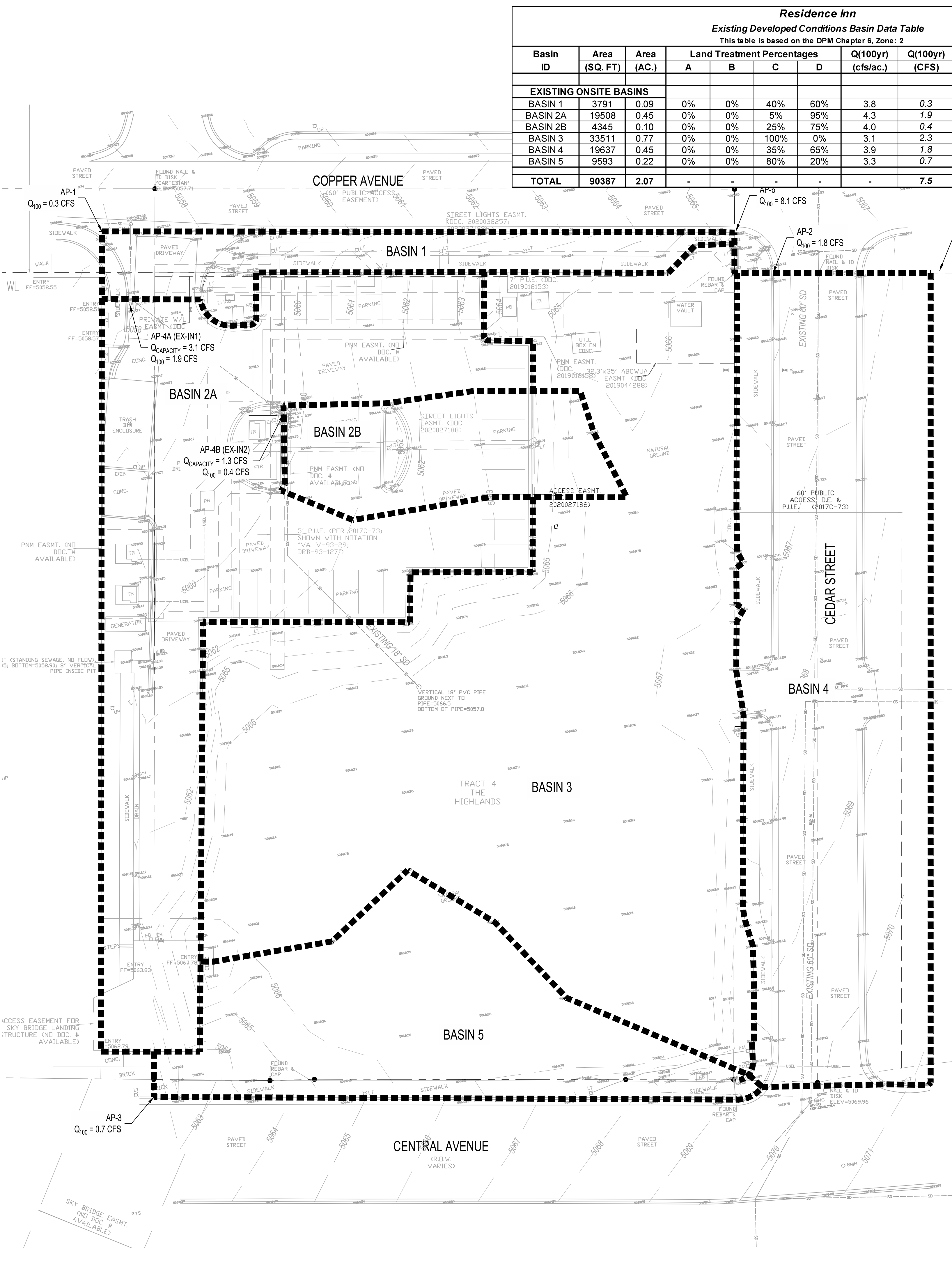
City of Albuquerque  
Planning Department  
Development Review Services  
**HYDROLOGY SECTION**  
**APPROVED**

DATE: 12/24/2024  
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Thu, 24-Dec-2024 - 9:30am, Printed by J.U.T.Z. P:\2020\HCDP\Plans\Drawn\2024\1906\_Grading.dwg



**Residence Inn**  
Existing Developed Conditions Basin Data Table  
This table is based on the DPM Chapter 6, Zone: 2

Basin ID	Area (SQ. FT)	Area (AC.)	Land Treatment Percentages				Q(100yr) (cfs/ac.)	Q(100yr) (CFS)	V(100yr) (inches)	V(100yr-6hr) (CF)	V(100yr-24hr) (CF)
			A	B	C	D					
<b>EXISTING ONSITE BASINS</b>											
BASIN 1	3791	0.09	0%	0%	40%	60%	3.8	0.3	1.8	572	629
BASIN 2A	19508	0.45	0%	0%	5%	95%	4.3	1.9	2.3	3682	4146
BASIN 2B	4345	0.10	0%	0%	25%	75%	4.0	0.4	2.0	726	807
BASIN 3	33511	0.77	0%	0%	100%	0%	3.1	2.3	1.0	2876	2876
BASIN 4	19637	0.45	0%	0%	35%	65%	3.9	1.8	1.9	3068	3387
BASIN 5	9593	0.22	0%	0%	80%	20%	3.3	0.7	1.3	1031	1079
<b>TOTAL</b>	<b>90387</b>	<b>2.07</b>						<b>7.5</b>		<b>11956</b>	<b>12925</b>



FEMA MAP  
MAP #: 35001C0334G

**EXISTING INLET TABLE**

Inlet #	Inlet Type	Contributing Basins	Capacity	Total Q cfs
EX-IN1	NYLOPLAST 2x3 CURB INLET	AP-4A	3.1	1.9
EX-IN2	1-SGL COA TYPE D*	AP-4B	1.3	0.4

\*Inlet in sump condition

**DRAINAGE NARRATIVE**

**INTRODUCTION**  
THE RESIDENCE INN - ALBUQUERQUE PROJECT IS LOCATED AT THE NORTHWEST CORNER OF CENTRAL AVENUE AND CEDAR STREET. THE HYDROLOGY DOCUMENTS FOR THE SPRINGHILL SUITES (HYDRO FILE #K15D034B AND #K15D034D) ARE USED TO ANALYZE THE DRAINAGE FOR THIS SITE. THE SITE LIES WITHIN FEMA FLOODPLAIN MAP 35001C0334G, BUT IT IS NOT IN ANY FLOOD HAZARD AREA. THE SITE IS IN RAINFALL ZONE 2 PER THE ALBUQUERQUE DPM, CHAPTER 6, FIGURE 6.2.3.

**METHODOLOGY**  
THE METHODOLOGY USED FOR HYDROLOGY AND HYDRAULICS CALCULATIONS ARE IN ACCORDANCE WITH THE ALBUQUERQUE DEVELOPMENT PROCESS MANUAL, CHAPTER 6. THE SITE CONSISTS OF FIVE DRAINAGE BASINS. FOUR ANALYSIS POINTS WERE ANALYZED AS PRIMARY DISCHARGE POINTS THROUGHOUT THE SITE. LAND TREATMENT PERCENTAGES WERE CALCULATED BASED ON THE OBSERVED EXISTING CONDITIONS WITHIN EACH ONSITE BASIN. REFER TO THE "EXISTING CONDITIONS" TABLE. THIS SHEET, FOR MORE INFORMATION. THE SITE WAS ANALYZED FOR A 100-YR, 6-HR STORM EVENT USING THE RATIONAL METHOD, AS DEFINED BY THE CITY OF ALBUQUERQUE DPM.

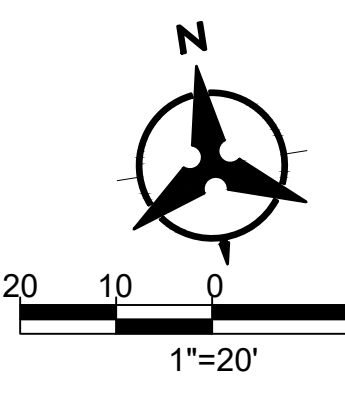
**EXISTING CONDITIONS**  
THE EXISTING SITE INCLUDES THE SPRINGHILL SUITES PARKING LOT, LOCATED AT THE NORTHWEST CORNER OF THE PROPERTY, AN UNDEVELOPED AREA WITH MINIMAL VEGETATION NEAR THE SOUTHEASTERN PART, THE SOUTHERN HALF OF COPPER AVENUE, AND THE WESTERN HALF OF CEDAR STREET.

BASIN 1 SHEET FLOWS ALONG COPPER AVENUE, WHERE FLOW CONVEYS OFFSITE INTO DOWNSTREAM INLETS. EXISTING INLET 2 CAPTURES ALL THE FLOW FROM BASIN 2B. BASIN 2A FLOWS TO EXISTING INLET 1 WHICH IS IN A SUMP CONDITION. BASIN 4 IS CONVEYED TO THE EAST TOWARDS CEDAR STREET AND SHEET FLOWS NORTH TOWARDS COPPER AVENUE. BASIN 5 IS CONVEYED TO THE SOUTHWEST TOWARDS CENTRAL AVENUE, WHERE FLOW IS COLLECTED INTO INLETS OFFSITE. THE SPRINGHILL SUITES DMP (HYDRO FILE #K15D034D) WAS USED TO DETERMINE FLOW DIRECTION AND BASIN BOUNDARIES. REFER TO HYDRO FILE #K15D034B FOR OFFSITE INFORMATION AND INLET CAPACITIES.

ANALYSIS POINT 1 (AP-1) IS LOCATED AT THE DRIVE PAD ENTRANCE OFF COPPER AVENUE, WHERE BASINS 1 AND 2 CONTRIBUTE FLOW. THE OVERFLOW FROM EXISTING INLET 1 ALSO CONTRIBUTES TO THIS ANALYSIS POINT. AP-2 IS LOCATED ALONG THE CURB FLOWLINE OF CEDAR STREET, WHERE BASIN 4 CONTRIBUTES FLOW. AP-3 IS LOCATED AT THE SOUTHWEST CORNER OF BASIN 5. CONTRIBUTING ANY REMAINING FLOW TO THE LOCATION. AP-4A IS LOCATED AT THE EXISTING 18" STORM DRAIN INLET (EX-IN1), CAPTURING FLOW FROM BASIN 2A. THIS AREA CONSISTS OF THE SPRINGHILL SUITES PARKING LOT, PEDESTRIAN BRIDGE TOWER, AND PART OF THE UNDEVELOPED PROPERTY, CONVEYING FLOW TOWARDS THE DRIVE PAD ENTERING THE LOT. AP-4B IS LOCATED AT EXISTING INLET 2, CAPTURING FLOW FROM BASIN 2B

**LEGEND**

- — — — — PROPERTY LINE
- — — — — PROJECT LIMITS OF GRADING
- 5065 — — — — — EXISTING INDEX CONTOUR
- 5064 — — — — — EXISTING INTERMEDIATE CONTOUR
- 5065.72 — — — — — EXISTING GROUND SPOT ELEVATION
- 5065 — — — — — PROPOSED INDEX CONTOUR
- 5064 — — — — — PROPOSED INTERMEDIATE CONTOUR
- EXISTING DRAINAGE BASIN
- S=X.X% — — — — — DIRECTION OF FLOW
- W/ATER BLOOM/GRADE BREAK



City of Albuquerque  
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**HYDROLOGY SECTION**  
**APPROVED**

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**EXISTING DRAINAGE  
MANAGEMENT PLAN**

210046 PROJECT NUMBER **C-001** SHEET NUMBER

**Residence Inn**  
Proposed Developed Conditions Basin Data Table  
This table is based on the DPM Chapter 6, Zone: 2

Basin ID	Area (SQ. FT)	Area (AC.)	Land Treatment Percentages				Q(100yr) (cfs/ac.)	Q(100yr) (CFS)	V(100yr) (inches)	V(100yr-6hr) (CF)	V(100yr-24hr) (CF)	Weighted Curve #	FIRST FLUSH (CF)
ONSITE BASINS													
BASIN A	9378	0.22	0%	0%	10%	90%	4.2	0.9	2.2	1719	1930	97	295
BASIN B	11243	0.26	0%	0%	5%	95%	4.3	1.1	2.3	2122	2389	97	374
BASIN C	42588	0.98	0%	0%	0%	100%	4.3	4.2	2.3	8269	9334	98	1491
BASIN D	24805	0.57	0%	0%	5%	95%	4.3	2.4	2.3	4682	5271	97	825
BASIN E	2377	0.05	0%	0%	30%	70%	4.0	0.2	1.9	384	426	94	58
<b>TOTAL</b>	<b>90391</b>	<b>2.08</b>	-	-	-	-	-	<b>8.9</b>	-	<b>17177</b>	<b>19350</b>	-	<b>2985</b>



**DRAINAGE NARRATIVE**

PROPOSED CONDITIONS

SEE SHEET C-001 FOR INTRODUCTION, EXISTING CONDITIONS, AND METHODOLOGY.

SEE SHEET C-003 FOR DRAINAGE NARRATIVE ASSOCIATED WITH TRACT 5.

THE PROPOSED SITE WILL MAINTAIN SIMILAR FLOW PATTERNS AS THE EXISTING CONDITIONS WITH SOME SLIGHT DIFFERENCES. BASIN A, ALONG COPPER AVENUE, WILL CONTINUE TO FLOW FROM EAST TO WEST, WITH THE ADDITION OF PARKING THAT WILL SLOPE DOWN TOWARDS THE EXISTING FLOWLINE IN COPPER AVENUE. BASIN B WILL DIRECT FLOW FROM THE EXTERIOR SITE TO THE SHARED DRIVE PAD FROM THE NORTH AND WEST SIDE. THIS MIMICS HISTORICAL DRAINAGE PATTERNS OF BASIN 2 IN EXISTING CONDITIONS. AS WITH EXISTING CONDITIONS, EXISTING INLET 1 CAPTURES ALL THE FLOW FROM THIS BASIN. BASIN C CONTAINS FLOW FROM THE NEW BUILDING AND PARKING AREA. THIS FLOW DRAINS TO A LOW POINT ON THE WEST SIDE OF THE PARKING AREA WHERE A PROPOSED INLET CONNECTS TO AN EXISTING STORM DRAIN PIPE ON THE NORTHWEST CORNER OF THE SITE. THIS PROPOSED INLET IS IN SUMP AND CAPTURES ALL THE FLOW FROM THIS BASIN. THEREFORE, NONE OF THE FLOW FROM BASIN C IMPACTS THE EXISTING INLET. BASIN D WILL FLOW FROM SOUTH TO NORTH, SIMILAR TO EXISTING CONDITIONS. PROPOSED ON-STREET PARKING AT THE FRONT OF THE BUILDING WILL SLOPE DOWN TO THE CURB FLOWLINE AND DRAIN NORTH TO COPPER AVENUE. BASIN E WILL CAPTURE FLOW FROM THE NEW SIDEWALK OUTSIDE OF THE BUILDING, WHERE IT DISCHARGES ON TO CENTRAL AVENUE AND MOVES OFFSITE.

ANALYSIS POINT 1 (AP-1) IS LOCATED AT THE DRIVE PAD ENTRANCE OFF COPPER AVENUE WHERE FLOW ULTIMATELY DISCHARGES ONTO CENTRAL AVENUE. AP-2 ASSESSES FLOW OUTSIDE THE PARKING STRUCTURE EXIT FROM BASIN C. AP-2 ANALYZES THE FLOW FROM CEDAR STREET AT THE FLOWLINE. AP-3 ANALYZES THE SOUTHWEST CORNER OF BASIN E, WHERE FLOW ULTIMATELY DISCHARGES ONTO CENTRAL FROM BASIN E. AP-4 IS LOCATED AT THE EXISTING 18" STORM DRAIN INLET WHERE THE CUMULATIVE FLOW FOR BASINS GETTING TO EXISTING INLET 1 IS ASSESSED.

CONCLUSION

OVERALL, THE FLOWS FROM THE NEW DEVELOPMENT WILL NOT VARY SIGNIFICANTLY FROM THE EXISTING CONDITIONS. AT ANALYSIS POINT 1, WHERE FLOW DISCHARGES NORTHWEST INTO COPPER AVENUE, AND ANALYSIS POINT 3, WHERE THE SOUTHERN EDGE OF THE SITE FLOWS TO CENTRAL AVENUE, THE AMOUNT OF FLOW IS REDUCED FROM EXISTING TO THE PROPOSED CONDITIONS. ANALYSIS POINT 2, FROM CEDAR STREET, INCREASES BY A NEGLIGIBLE AMOUNT. AT ANALYSIS POINT 4, THE FLOW GETTING TO THE EXISTING INLET IS REDUCED AND THEREFORE THERE IS NO BYPASS FLOW GETTING INTO COPPER AVENUE FROM THIS INLET. THE SITE FLOW WILL SURFACE DRAIN AS ALLOWED BY HYDROLOGY FILE #K15D034D. ALL CALCULATIONS AND DESIGN ASPECTS ARE IN ACCORDANCE WITH THE ALBUQUERQUE DPM, CHAPTER 6, 100-YR, 24-HR STORM EVENT. WITH THIS SUBMITTAL, WE ARE REQUESTING COA BUILDING PERMIT APPROVAL.

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**LEGEND**

- — — — — PROPERTY LINE
- - - - - PROJECT LIMITS OF GRADING
- - - - - EXISTING INDEX CONTOUR
- - - - - EXISTING INTERMEDIATE CONTOUR
- - - - - PROPOSED INDEX CONTOUR
- - - - - PROPOSED INTERMEDIATE CONTOUR
- █ █ █ █ █ EXISTING DRAINAGE BASIN
- S=X.X%
- DIRECTION OF FLOW
- ⚡ WATER BLOCK/GRADE BREAK

REV.	DATE	ISSUE TITLE
23-05-19		ISSUE FOR 30% CD
23-07-12		ISSUE FOR 60% CD
24-05-02		ISSUE FOR DD / 60% CD
24-07-24		ISSUE FOR BID

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**STORM DRAIN PIPE TABLE**

Pipe #	Contributing Basins and Storm Drains	Size in	Slope	Capacity cfs*	Actual Flow cfs
SD1	1/3 of hotel roof	6	3.00%	0.97	0.47
SD2	1/3 of hotel roof	6	5.00%	1.25	0.47
SD3	SD1 + SD2	12	2.64%	5.79	0.95
SD4	1/3 of food hall roof	8	2.38%	1.86	0.46
SD5	SD3 + SD4	12	2.64%	5.79	1.41
SD6	1/3 of food hall roof	6	5.00%	1.25	0.46
SD7	SD5 + SD6	12	5.00%	7.97	1.87
SD8	1/3 of food hall roof	6	5.00%	1.25	0.46
SD9	SD7 + SD8	12	2.64%	5.79	2.33
SD10	SD9 + INLET 1	18	3.19%	18.76	6.57
SD11	1/3 of hotel roof	12	5.00%	7.97	0.47
SD12	SD10 + SD11	18	3.19%	18.76	7.04
SD13	SD12 + EX-IN1	18	2.20%	15.58	8.15

\*Capacity Based on Manning's Eq w/ N=0.013

**PROPOSED INLET TABLE**

Inlet #	Inlet Type	Contributing Basins	Capacity	Total Q cfs
IN-1	1-SGL COA TYPE D"	Basin C	5.1	4.2
EX-IN1	NYLOPLAST 2x3 CURB INLET	AP-4A	2.4	1.1

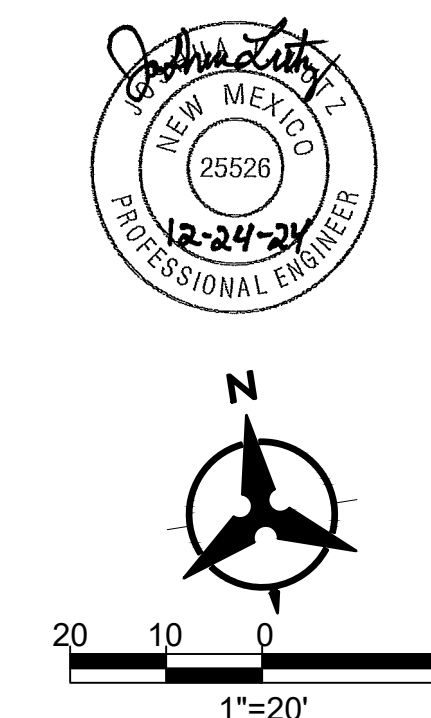
\*Inlet in sump condition

**Analysis Points Table**

Analysis Point	Existing		Proposed	
	Contributing Basins	Q (cfs)	Contributing Basins	Q (cfs)
AP-1	Basin 1	0.3	Basin A	0.9
AP-2	Basin 4	1.8	Basin D	2.4
AP-3	Basin 5	0.7	Basin E	0.2
AP-4A	Basin 2A	1.9	Basin B	1.1
AP-4B	Basin 2B	0.4	-	-
AP-5	Offsite Basin 1	6.3	Offsite Basin 1	6.3
AP-6	AP-2 + AP-5	8.1	AP-2 + AP-5	8.8



APPROVAL OF GRADING & DRAINAGE PLAN(S) SHALL EXPIRE TWO (2) YEARS AFTER THE APPROVAL DATE BY THE CITY IF NO BUILDING PERMIT HAS BEEN PULLED ON THE DEVELOPMENT.

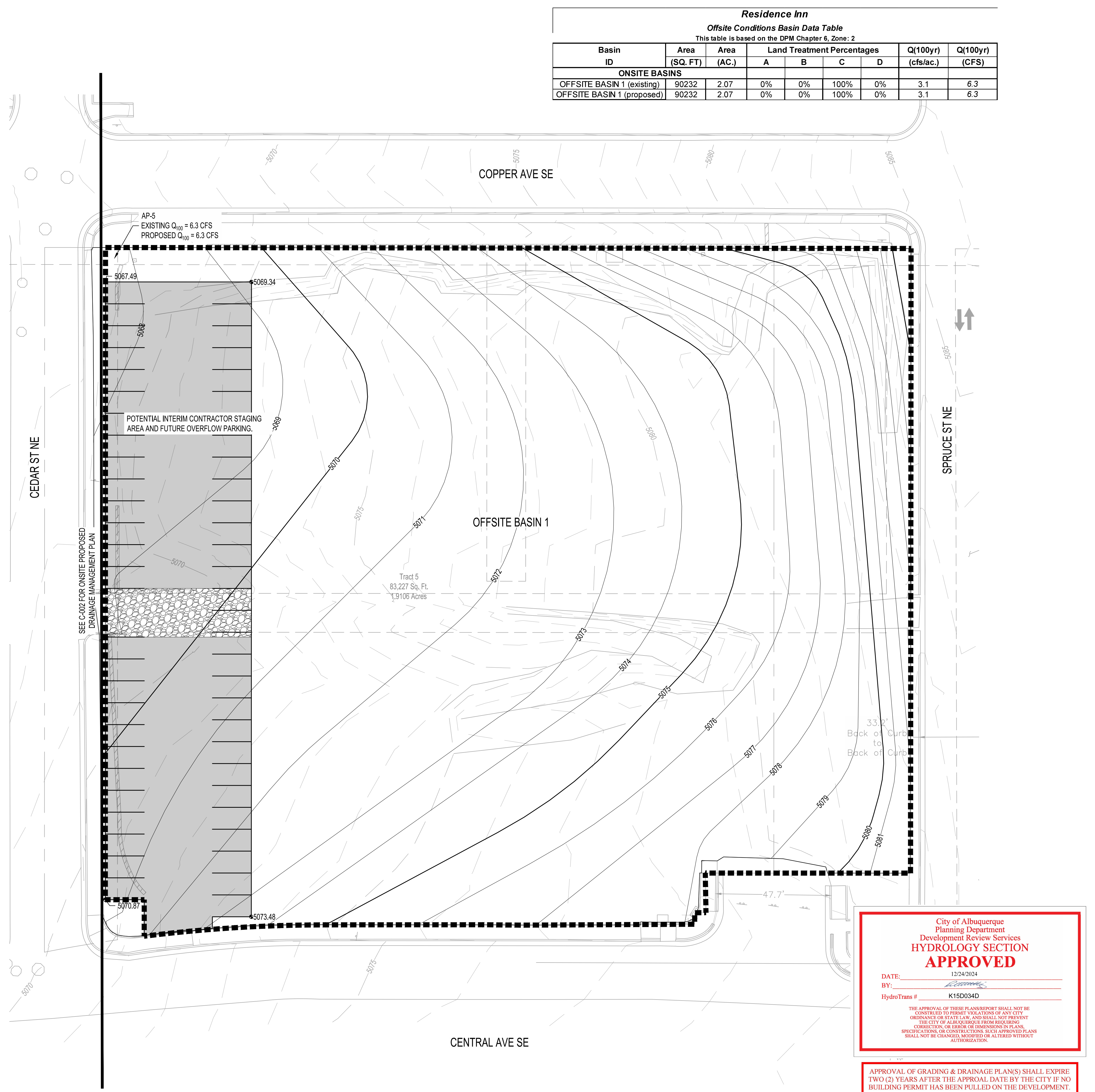


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**PROPOSED DRAINAGE MANAGEMENT PLAN**

210046 PROJECT NUMBER  
**C-002** SHEET NUMBER



Residence Inn								
Offsite Conditions Basin Data Table								
This table is based on the DPM Chapter 6, Zone: 2								
Basin ID	Area (SQ. FT)	Area (AC.)	Land Treatment Percentages				Q(100yr)	Q(100yr)
			A	B	C	D	(cfs/ac.)	(CFS)
<b>ONSITE BASINS</b>								
OFFSITE BASIN 1 (existing)	90232	2.07	0%	0%	100%	0%	3.1	6.3
OFFSITE BASIN 1 (proposed)	90232	2.07	0%	0%	100%	0%	3.1	6.3

**DRAINAGE NARRATIVE TRACT 5**

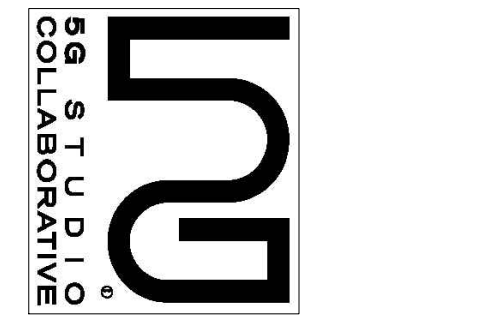
**EXISTING CONDITIONS:**

THE TRACT THAT IS LOCATED ON THE SE CORNER OF COPPER AVE AND CEDAR ST WAS PREVIOUSLY USED FOR A LAYDOWN YARD/STOCKPILE AREA DURING THE PRESBYTERIAN PROJECT. THE SITE DRAINS FROM EAST TO WEST AND ULTIMATELY OUTFALLS TO CEDAR ST.

**PROPOSED CONDITIONS:**

THE RESIDENCE INN PROJECT WILL BE REMOVING THE STOCKPILE AND UTILIZING IT FOR FILL ON THEIR PROJECT. WHILE DOING THAT, THE SITE WILL BE REGRADED TO RETURN IT TO ITS HISTORICAL DRAINAGE PATTERNS, PRIOR TO THE EXCESS MATERIAL BEING DUMPED ON SITE. THIS SITE WILL THEN ACT AS A CONTRACTOR LAYDOWN YARD AND OVERFLOW PARKING. THE SITE WILL NOT ADD ANY IMPERVIOUS MATERIALS DURING CONSTRUCTION, NOR AFTER CONSTRUCTION WITHOUT OBTAINING ADDITIONAL HYDROLOGY APPROVAL.

SINCE THE SITE IS CURRENTLY LAND TREATMENT C DUE THE FACT IT WAS COMPACTED, AND THAT THERE WILL NOT BE ANY IMPERVIOUS MATERIAL ADDED TO THE SITE, THUS KEEPING THE PROPOSED CONDITIONS AT LAND TREATMENT C, THERE ARE NO CHANGES TO THE HISTORICAL RELEASE RATES FROM THE SITE, AS ILLUSTRATED WITH AP #5.



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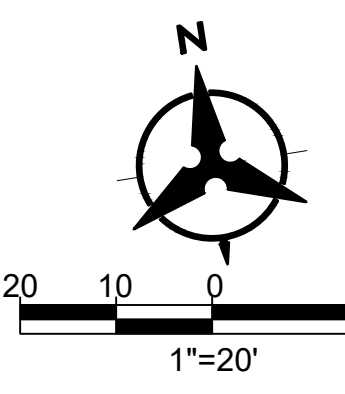
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**LEGEND**

- PROPERTY LINE
- PROJECT LIMITS OF GRADING
- EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- EXISTING DRAINAGE BASIN
- BASE COURSE OR EQUIVALENT PERVIOUS PARKING AREA



City of Albuquerque  
Planning Department  
Development Review Services  
**HYDROLOGY SECTION**  
**APPROVED**

DATE: 12/24/2024  
BY:   
HydroTrans # K15D034D

THE APPROVAL OF THESE PLANS/REPORT SHALL NOT BE CONSTRUED TO PERMIT VIOLATIONS OF ANY CITY ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT THE CITY OF ALBUQUERQUE FROM REQUIRING CORRECTIONS OR ERROR OR DIMENSIONS IN PLANS, SPECIFICATIONS, OR CONSTRUCTIONS. SUCH APPROVED PLANS SHALL NOT BE CHANGED, MODIFIED OR ALTERED WITHOUT AUTHORIZATION.

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**PROPOSED OFFSITE DRAINAGE MANAGEMENT PLAN**