

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

September 19, 2024

Verlyn Miller, P.E.
Miller Engineering Consultants, Inc
3500 Comanche NE Bldg. F
Albuquerque, NM 87107

**RE: AFD Fire Station 12
11714 Linn Ave. NE
Grading and Drainage Plan
Engineer's Stamp Date: 8/9/24
Hydrology File: L21D036**

Dear Mr. Miller:

PO Box 1293

Albuquerque

Based upon the information provided in your submittal received 09/11/2024, the Grading and Drainage Plan **is approved** for Grading Permit, Building Permit, and Work Order. Please attach a copy of this approved plan in the construction sets for Building Permit processing.

PRIOR TO CERTIFICATE OF OCCUPANCY:

NM 87103

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

www.cabq.gov

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 , 505-924-3420) 14 days prior to any earth disturbance.

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

Sincerely,

Anthony Montoya, Jr., P.E.
Senior Engineer, Hydrology
Planning Department, Development Review Services

DRAINAGE REPORT

SITE LOCATION

The existing site is an approximate 3.21-acre piece of land located at the corner of Linn Avenue and Shirley Street, North of Central in Albuquerque, New Mexico. The site can be accessed via Central Ave.

EXISTING CONDITIONS

The existing site is estimated at 3.21 acres and is currently an undeveloped parcel of land. It is relatively flat with a mild slope from east to west and does not lie within a 100-year FEMA floodplain.

PROPOSED CONDITIONS

The proposed project will consist of a new fire station building, a new driveway entrances from Linn Ave and Shirley Street, and parking lot areas on the southwest and northeast sides of the site. The site will also have several landscape areas and a water harvesting feature on the north and west side of the property. Runoff from the building will be routed to the water harvest areas via a new storm drain system and surface flow. Flows from other areas that are not able to be captured by the water harvest pond will discharge to Linn Ave on the North and Shirley Street on the west side.

CONCLUSIONS

When fully developed as indicated on the grading and drainage plan, runoff from the site will discharge to a water harvest feature on the north and west side of the site. Other areas will discharge north to Linn Avenue and west to Shirley Street. The water harvest features have volume more than the required storm water quality volume of 2043 cubic feet for this site.

GENERAL NOTES:

- EXISTING TOPOGRAPHIC SURVEY PERFORMED AND COMPILED BY PRECISION SURVEYS, INC., ALBUQUERQUE, NEW MEXICO JANUARY, 2024. MILLER ENGINEERING CONSULTANTS HAS UNDERTAKEN NO FIELD VERIFICATION OF THIS INFORMATION.
- PROJECT BENCHMARK ACS 4-L22 IS A CITY OF ALBUQUERQUE SURVEY CONTROL 3 1/4 ALUMINUM DISC SET FLUSH WITH THE TOP OF THE CURB AND IS STAMPED "4-L22 1986/92" ELEVATION = 5,586.425 FEET (NAVD 1988 VERTICAL DATUM).
- THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES DURING THE CONSTRUCTION PHASE.
- CONTRACTOR SHALL OBTAIN A GRADING PERMIT FROM THE CITY OF ALBUQUERQUE, PRIOR TO ANY GRADING OR CONSTRUCTION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- ALL EMBANKMENTS SHALL BE PLACED AND COMPACTED IN LIFTS OF MAXIMUM OF 8". THE EMBANKMENTS SHALL BE WETTED AND COMPACTED TO 95% OPTIMUM DENSITY PER ASTM D1557 AND 95% UNDER ALL STRUCTURES INCLUDING DRIVEWAYS AND PARKING LOTS.
- THE CONTRACTOR SHALL FIELD VERIFY LOCATION AND SIZE OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- ALL WORK PERFORMED SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE STORM DRAINAGE REGULATIONS. ALL WORK PERFORMED SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE "GRADING AND DRAINAGE DESIGN REQUIREMENTS AND POLICIES FOR LAND DEVELOPMENT."
- THE OWNER, CONTRACTOR AND/OR BUILDER SHALL COMPLY WITH ALL APPROPRIATE LOCAL, STATE AND FEDERAL REGULATIONS AND REQUIREMENTS.
- THE CONTRACTOR SHALL TAKE ALL APPROPRIATE AND REASONABLE MEASURES TO PREVENT SEDIMENT OR POLLUTANT LADEN STORM WATER FROM EXITING THE SITE DURING CONSTRUCTION. STORMWATER MAY BE DISCHARGED IN A MANNER, WHICH COMPLIES WITH THE APPROVED GRADING AND DRAINAGE PLAN.
- THE CONTRACTOR SHALL TAKE ALL APPROPRIATE MEASURES TO PREVENT THE MOVEMENT OF CONSTRUCTION RELATED SEDIMENT, DUST, MUD, POLLUTANTS, DEBRIS, WASTE, ETC FROM THE SITE BY WIND, STORM FLOW OR ANY OTHER METHOD EXCLUDING THE INTENTIONAL, LEGAL TRANSPORTATION OF SAME IN A MANNER ACCEPTABLE BY THE CITY.
- THE CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE THE AREAS SHOWN AS "SLOPE LIMITS" ON THE GRADING AND DRAINAGE PLAN.
- SEE ARCHITECTURAL DRAWINGS FOR SIDEWALK AND HANDICAPPED RAMPS, DETAILS AROUND THE BUILDING.
- THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR CLARIFICATION IF THERE ARE ANY SPOT ELEVATIONS ON THE GRADING AND DRAINAGE PLAN WHICH APPEAR TO BE AMBIGUOUS OR DO NOT MEET THE INTENT OF THE GRADING AND DRAINAGE PLAN.
- THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR CLARIFICATION IF THERE ARE SIDEWALKS OR CONCRETE FLATWORK WHICH DOES NOT MEET ADA ACCESSIBILITY REQUIREMENTS. ALL SIDEWALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.0%, ALL SIDEWALKS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5.0%, AND ALL RAMPS SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 15:1.
- ALL SIDEWALKS AND CONCRETE FLATWORK SHALL HAVE A MINIMUM OF 0.5% SLOPE. CONTRACTOR SHALL CONTACT PROJECT ENGINEER IF THERE ARE SIDEWALKS OR CONCRETE FLATWORK WHICH DO NOT MEET THIS REQUIREMENT.
- THE CONTRACTOR SHALL SUBMIT MATERIAL SUBMITTALS, CUT SHEETS AND SHOP DRAWINGS FOR ALL CIVIL RELATED ITEMS FOR REVIEW PRIOR TO CONSTRUCTION.
- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2019 EDITION OF THE NEW MEXICO STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (GRAY BOOK). ALL UTILITY WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN PUBLIC WORKS ASSOCIATION, NEW MEXICO CHAPTER, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ALL EXISTING MANHOLES, VALVES AND METERS SHALL BE ADJUSTED TO NEW FINISH GRADE.
- THE CONTRACTOR SHALL SUBMIT A SEED MIX DESIGN TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO STARTING THE SEEDING ON THE PROJECT. THE SEED MIX DESIGN SHALL BE A SEED MIX RECOMMENDED BY NRCS FIELD OFFICE REPRESENTATIVE APPROPRIATE FOR PROJECT LOCATION.

ALL DISTURBED AREAS, NOT ADDRESSED BY ARCHITECTURAL LANDSCAPE PLAN WITH SLOPES OF LESS THAN 3:1 SHALL RECEIVE CLASS "A" SEEDING. ANY SLOPES THAT ARE 3:1 OR STEEPER SLOPES SHALL RECEIVE STEEP SLOPE SEEDING. THE STEEP SLOPE SEEDING SHALL CONSIST OF SEEDING IN CONJUNCTION WITH A 100% COCONUT FIBER BLEND EROSION BLANKET (NORTH AMERICAN GREEN C125) OR APPROVED EQUAL.

Private Drainage Facilities within City Right-of-Way
Notice to Contractor
(Special Order 19 ~ 'SO-19')

- Build sidewalk culvert per COA STD DWG 2236.
- Contact Storm Maintenance at (505) 857-8033 to schedule a meeting prior to forming.
- An excavation permit will be required before beginning any work within City Right-Of-Way.
- 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.
- Two working days prior to any excavation, the contractor must contact New Mexico One Call, dial "811" or (505) 260-1990 for the location of existing utilities.
- 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.
- Backfill compaction shall be according to traffic/street use.
- Maintenance of the facility shall be the responsibility of the owner of the property being served.
- Work on arterial streets may be required on a 24-hour basis.
- Contractor must contact Storm Maintenance at (505) 857-8033 to schedule a construction inspection. For excavating and barricading inspections, contact Construction Coordination at (505) 924-3416.

HYDROLOGY CALCULATIONS

Precipitation Zone 4 - 100-year Storm			P(360) = 2.64 in		P(1440) = 3.6 in				
Basin	Basin Area (Ac)	Land Treatment Factors				Ew (in)	V(100-6) (af)	V(100-24) (af)	Q(100) (cfs)
		A	B	C	D				
Existing Conditions									
Site	3.21	2.88	0.00	0.00	0.33	1.03	0.274	0.295	7.60
Total	3.21								7.60
Proposed Conditions									
Site	3.21	0.00	0.00	1.87	1.34	2.09	0.560	0.644	12.78
Total	3.21								12.78

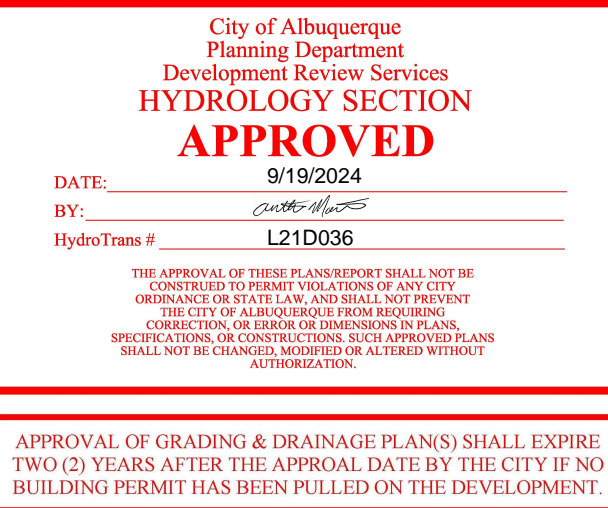
WATER HARVEST AREA

WHA #1				WHA #2			
Pond Rating Table				Pond Rating Table			
Side Slope				Side Slope			
Elev. (ft)	Area (sq ft)	Volume (cf)	Cum Volume	Elev. (ft)	Area (sq ft)	Volume (cf)	Cum Volume
22	2473	0	0	25	795	0	0
23	2593	2533.000	2533.000	26	1310	1052.482	1052.482
24	4870	3731.500	6264.500	27	1865	1587.482	2639.963
25	6303	5586.500	11851.000				

STORM WATER QUALITY CALCULATIONS

SWQV = (0.42"/12 * 58,370 SF) = 2043 CUBIC FEET

MILLER ENGINEERING CONSULTANTS
Engineers • Planners
3500 COMANCHE, NE
ALBUQUERQUE, NM 87107
(505) 888-7200
(505) 888-3800 (FAX)
WWW.MECNM.COM



C

SURVEY INFORMATION				BENCH MARKS		AS-BUILT INFORMATION	
FIELD NOTES							
NO.	BY	DATE			CONTRACTOR	DATE	
					WORK SPICED BY	DATE	
					INSPECTOR	DATE	
					ACCEPTANCE BY	DATE	
					FIELD	DATE	
					VERIFICATION BY	DATE	
					DRAWINGS CORRECTED BY	DATE	
MICRO-FILM INFORMATION							
					RECORDED BY	DATE	
					NO.		



SEAL		BY		DESIGN	
NO.	DATE	REMARKS	DATE	DATE	DATE
19/17/24	ADD	SO-19	NOTES		



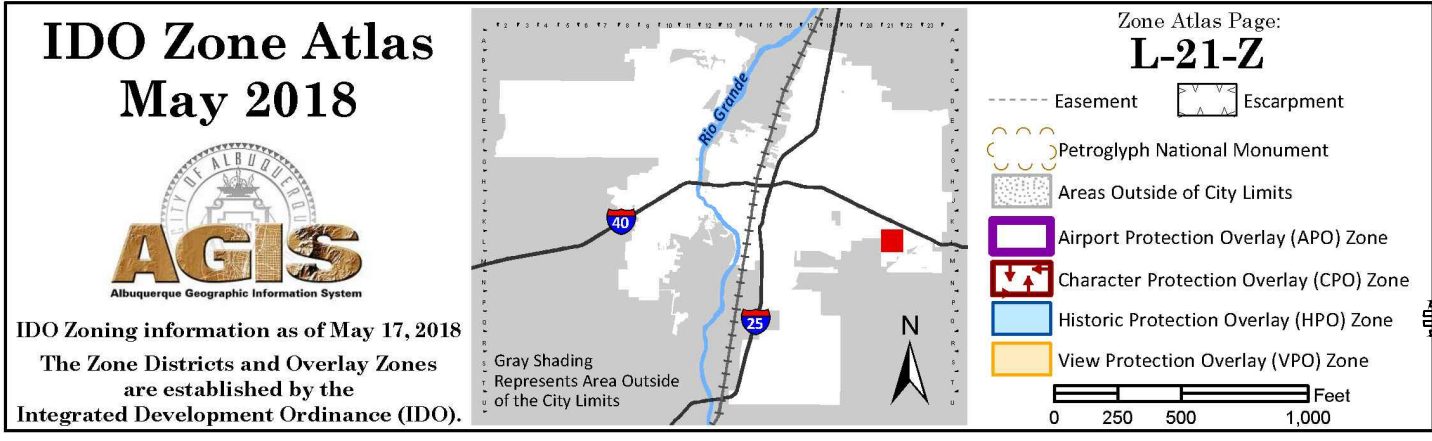
CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM

AFD FIRE STATION 12

11714 LINN AVE. N.E.
ALBUQUERQUE, NM 87123

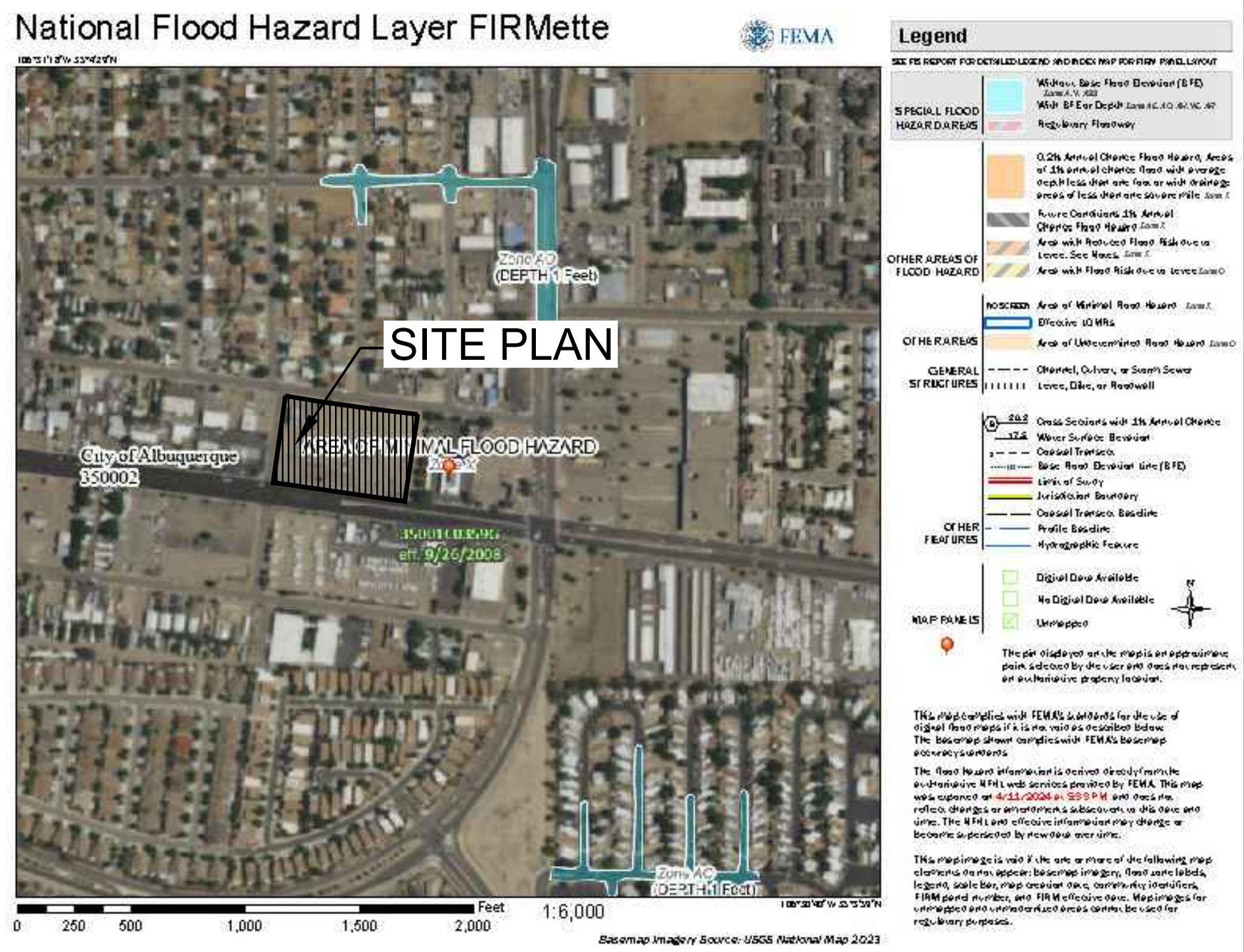
Drawing Title		HYDROLOGY PLAN	
Design Review Committee		City Engineer Approval	
Issue Date:		City Project No.	
AUGUST, 2024		.	
Last Design Update		Sheet	
Mo./Day/Yr.		Mo./Day/Yr.	
7/10/18			

CG-101



VICINITY MAP







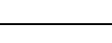
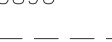








ZONE ATLAS MAP L-21-Z

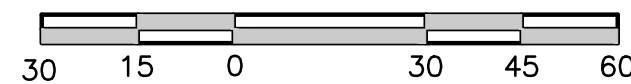
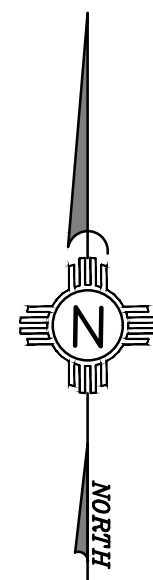


FLOOD ZONE MAP

FLOOD ZONE MAP: 35001C0359G



- | | |
|---|--------------------------------------|
|  | PROPOSED SPOT ELEVATIONS (FLOW LINE) |
|  | MATCH EXISTING ELEVATIONS |
| TOC | TOP OF CONCRETE |
| FL | FLOW LINE, CURB |
| INV | INVERT |
| FG | FINISH GRADE |
| TBC | TOP OF BASE COURSE |
| TC | TOP OF CURB |
| TG | TOP OF GRATE |
| TA | TOP OF ASPHALT |
| FV | FIELD VERIFY |
|  | FLOW ARROW |
|  | GRADE BREAK—HIGH POINT |
|  | PROPOSED STORM DRAIN MANHOLE |
|  | SWALE |
|  | STORM DRAIN LINE |
|  | PROPOSED MAJOR CONTOUR |
|  | PROPOSED MINOR CONTOUR |
|  | EXISTING MAJOR CONTOUR |
|  | EXISTING MINOR CONTOUR |
|  | TOP OF CUT SLOPE |
|  | PROPOSED BUILDING |
|  | HEAVY DUTY CONCRETE PAVING |
|  | HEAVY DUTY ASPHALT PAVING |
|  | PROPOSED CONCRETE FLATWORK/SIDEWALK |



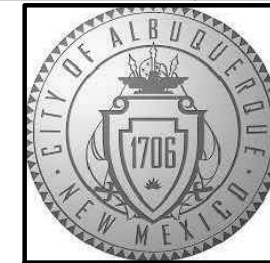
SCALE: 1"=30'
CONTOUR INTERVAL = 1'

KEYED NOTES:

- | | | | | | |
|----|--|----|---|----|---|
| 1 | NEW BUILDING SEE ARCHITECTURAL PLANS. | 17 | NEW 24" SIDEWALK CULVERT INV.(IN)=28.25, INV.(OUT)=28.20. PER COA DWG. #2236. | 34 | NEW 24" SIDEWALK CULVERT PER COA DWG. #2236. |
| 2 | EXISTING BUILDING TO REMAIN. | 18 | NEW WATER HARVEST AREA #1 INV=23.0, SEE DETAIL SHEET C-501. | 35 | NEW 6' WIDE CONCRETE SPILLWAY (INV.=24.5) WITH TRANSITION TO 2' WIDE CONCRETE CHANNEL SEE DETAIL SHEET C-501. |
| 3 | NEW HEAVY DUTY CONCRETE PAVING. SEE DETAIL SHEET C-501. | 19 | NEW 5'x5' RIP RAP PAD, SEE DETAIL SHEET C-501. | 36 | PROVIDE 24" WIDE X 6" HEIGHT CUT IN EXISTING WALL FOR DRAINAGE OVERFLOW. |
| 4 | NEW HEAVY DUTY ASPHALT PAVING. SEE DETAIL SHEET C-501. | 20 | NEW 6' WIDE SIDEWALK FOR ACCESSIBLE PATH PER COA DWG. #2430. | 37 | NEW 24" SIDEWALK CULVERT INV.(IN)=28.5, INV.(OUT)=28.4. PER COA DWG. #2236. |
| 5 | NEW LIGHT DUTY ASPHALT PARKING. SEE DETAIL SHEET C-501. | 21 | EXISTING SIDEWALK TO REMAIN. | | |
| 6 | NEW CONCRETE VALLEY GUTTER WITH FILLETS, PER COA STD DWG #2420. | 22 | EXISTING CURB AND GUTTER TO REMAIN. | | |
| 7 | NEW CONCRETE FLAT WORK, SEE ARCHITECTURAL PLANS FOR DETAILS. | 23 | NEW 12" STORM DRAIN LINE @ 0.5% SLOPE. | | |
| 8 | NEW CONCRETE CURB AND GUTTER. PER COA STD DWG #2415A. | 24 | NEW TYPE D INLET. PER COA STD DWG #2206.
INV=24.17,
TG=28.5 | | |
| 9 | NEW PARKING STRIPES AND ADA MARKINGS, SEE ARCHITECTURAL PLANS FOR DETAILS. | 25 | NEW STORM DRAIN MANHOLE, RIM=28.4. | | |
| 10 | NEW ADA RAMPS, SEE ARCHITECTURAL PLANS FOR DETAILS. | 26 | NEW WATER HARVEST AREA #2, PER DETAIL SHEET C-501.
INV=25.0 | | |
| 11 | NEW ADA PARKING SIGN, SEE ARCHITECTURAL PLANS FOR DETAILS. | 27 | NEW ADA RAMP PER COA STD DWG #2443. | | |
| 12 | NEW TRASH INCLOSURE, SEE ARCHITECTURAL PLANS FOR DETAILS. | 28 | NEW 6" STORM DRAIN LINE @ 2% SLOPE. | | |
| 13 | NEW SITE WALL, SEE ARCHITECTURAL PLANS FOR DETAILS. | 29 | NEW GATE SEE ARCHITECTURAL PLANS FOR DETAILS. | | |
| 14 | NEW FIRE FIGHTER PARKING, (26 SPACES) | 30 | NEW EARTHEN SWALE SEE DETAIL SHEET C-501. | | |
| 15 | NEW CURB & GUTTER AND SIDEWALK TO MATCH EXISTING PER COA STD. DWGS #2415A AND #2430. SLOPE SIDEWALK AT 1.5% CROSS SLOPE. | 31 | NEW CONCRETE CHANNEL FOR GATE SEE ARCHITECTURAL PLANS FOR DETAILS. | | |
| 16 | NEW VISITOR PARKING, (12 SPACES - 2 ADA)(4 MOTORCYCLE)
18-TOTAL | 32 | EXISTING SITE FENCE TO REMAIN SEE ARCHITECTURAL PLANS. | | |
| | | 33 | SEE LANDSCAPING PLAN IN THIS AREA. | | |



MILLER ENGINEERING CONSULTANTS
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WWW.MECNM.COM



CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM

AFD FIRE STATION 12

11714 LINN AVE. N.E.
ALBUQUERQUE, NM 87123

Drawing Title

OVERALL GRADING AND DRAINAGE PLAN

Design Review Committee

City Engineer Approval

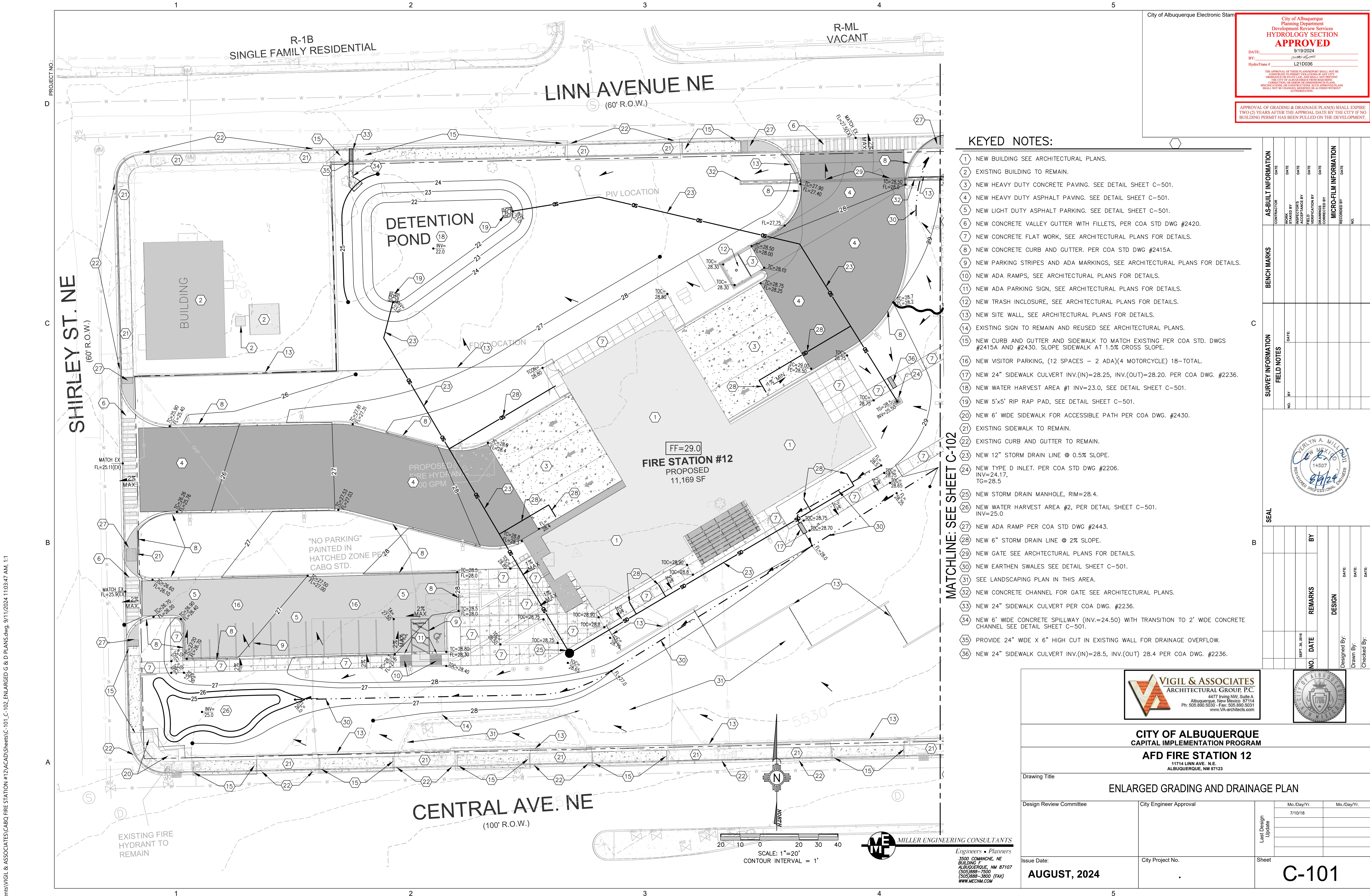
Issue Date:

City Project No.

AUGUST, 2024

Sheet

C-100



City of Albuquerque Electronic Stamp

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED

DATE: 9/19/2024
BY: [Signature]
HydroTrans # L21D036

THE APPROVAL OF THESE PLANS REPORT SHALL NOT BE
CONSIDERED TO BE A GUARANTEE OF ANY CITY
ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT
THE CITY OF ALBUQUERQUE FROM ENFORCING
ANY CITY OR STATE LAW OR ENFORCEMENT
SPECIFICATIONS OR CONSTRUCTIONS. SUCH APPROVED PLANS
SHALL NOT BE CHANGED, MODIFIED OR ALTERED WITHOUT
AUTHORIZATION.

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

KEYED NOTES:

- 1 NEW BUILDING SEE ARCHITECTURAL PLANS.
- 2 EXISTING BUILDING TO REMAIN.
- 3 NEW HEAVY DUTY CONCRETE PAVING. SEE DETAIL SHEET C-501.
- 4 NEW HEAVY DUTY ASPHALT PAVING. SEE DETAIL SHEET C-501.
- 5 NEW LIGHT DUTY ASPHALT PARKING. SEE DETAIL SHEET C-501.
- 6 NEW CONCRETE VALLEY GUTTER WITH FILLETS, PER COA STD DWG #2420.
- 7 NEW CONCRETE FLAT WORK, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 8 NEW CONCRETE CURB AND GUTTER. PER COA STD DWG #2415A.
- 9 NEW PARKING STRIPES AND ADA MARKINGS, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 10 NEW ADA RAMPS, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 11 NEW ADA PARKING SIGN, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 12 NEW TRASH INCLOSURE, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 13 NEW SITE WALL, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 14 EXISTING SIGN TO REMAIN AND REUSED SEE ARCHITECTURAL PLANS.
- 15 NEW CURB AND GUTTER AND SIDEWALK TO MATCH EXISTING PER COA STD. DWGS #2415A AND #2430. SLOPE SIDEWALK AT 1.5% CROSS SLOPE.
- 16 NEW VISITOR PARKING, (12 SPACES - 2 ADA)(4 MOTORCYCLE) 18-TOTAL.
- 17 NEW 24" SIDEWALK CULVERT INV.(IN)=28.25, INV.(OUT)=28.20. PER COA DWG. #2236.
- 18 NEW WATER HARVEST AREA #1 INV=23.0, SEE DETAIL SHEET C-501.
- 19 NEW 5'x5' RIP RAP PAD, SEE DETAIL SHEET C-501.
- 20 NEW 6" WIDE SIDEWALK FOR ACCESSIBLE PATH PER COA DWG. #2430.
- 21 EXISTING SIDEWALK TO REMAIN.
- 22 EXISTING CURB AND GUTTER TO REMAIN.
- 23 NEW 12" STORM DRAIN LINE @ 0.5% SLOPE.
- 24 NEW TYPE D INLET. PER COA STD DWG #2206. INV=24.17, TG=28.5.
- 25 NEW STORM DRAIN MANHOLE, RIM=28.4.
- 26 NEW WATER HARVEST AREA #2, PER DETAIL SHEET C-501. INV=25.0.
- 27 NEW ADA RAMP PER COA STD DWG #2443.
- 28 NEW 6" STORM DRAIN LINE @ 2% SLOPE.
- 29 NEW GATE SEE ARCHITECTURAL PLANS FOR DETAILS.
- 30 NEW EARTHEN SWALES SEE DETAIL SHEET C-501.
- 31 SEE LANDSCAPING PLAN IN THIS AREA.
- 32 NEW CONCRETE CHANNEL FOR GATE SEE ARCHITECTURAL PLANS.
- 33 NEW 24" SIDEWALK CULVERT PER COA DWG. #2236.
- 34 NEW 6" WIDE CONCRETE SPILLWAY (INV.=24.50) WITH TRANSITION TO 2' WIDE CONCRETE CHANNEL SEE DETAIL SHEET C-501.
- 35 PROVIDE 24" WIDE X 6" HIGH CUT IN EXISTING WALL FOR DRAINAGE OVERFLOW.
- 36 NEW 24" SIDEWALK CULVERT INV.(IN)=28.5, INV.(OUT) 28.4 PER COA DWG. #2236.

MATCHLINE: SEE SHEET C-102

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		MICRO-FILM INFORMATION	
CONTRACTOR	DATE	WORKED BY	DATE	NO.	BY	DATE	NO.	RECORDED BY	DATE
WORKED BY	DATE	INSPECTED BY	DATE	NO.	BY	DATE	NO.	RECORDED BY	DATE
ACCEPTANCE BY	DATE	FIELD INSPECTION BY	DATE	NO.	BY	DATE	NO.	RECORDED BY	DATE
FINANCE	DATE	REMARKS	DATE	NO.	BY	DATE	NO.	RECORDED BY	DATE
REMARKS	DATE	DESIGN	DATE	NO.	BY	DATE	NO.	RECORDED BY	DATE
DESIGN	DATE	DESIGNED BY:	DATE	NO.	BY	DATE	NO.	RECORDED BY	DATE
DESIGNED BY:	DATE	DRAWN BY:	DATE	NO.	BY	DATE	NO.	RECORDED BY	DATE
DRAWN BY:	DATE	CHECKED BY:	DATE	NO.	BY	DATE	NO.	RECORDED BY	DATE
CHECKED BY:	DATE			NO.	BY	DATE	NO.	RECORDED BY	DATE



VIGIL & ASSOCIATES
ARCHITECTURAL GROUP P.C.
4477 Irving NW, Suite A
Albuquerque, New Mexico 87114
Ph: 505.890.5030 - Fax: 505.890.5031
www.vigil-architects.com



CITY OF ALBUQUERQUE
CAPITAL IMPLEMENTATION PROGRAM

AFD FIRE STATION 12
1714 LINN AVE. N.E.
ALBUQUERQUE, NM 87123

Drawing Title

ENLARGED GRADING AND DRAINAGE PLAN

Design Review Committee

City Engineer Approval

Issue Date:

City Project No.

August 2024

Last Design Update

Sheet

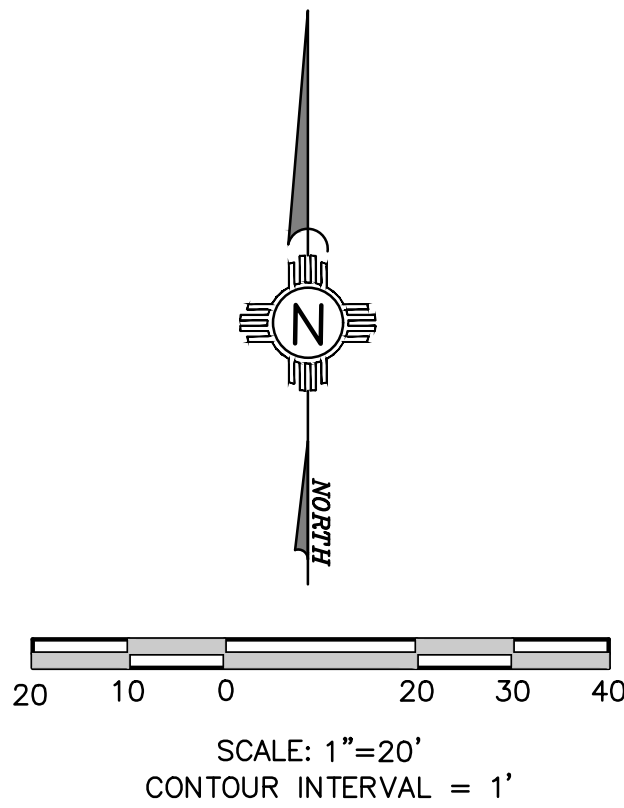
Mo./Day/Yr.

7/10/18

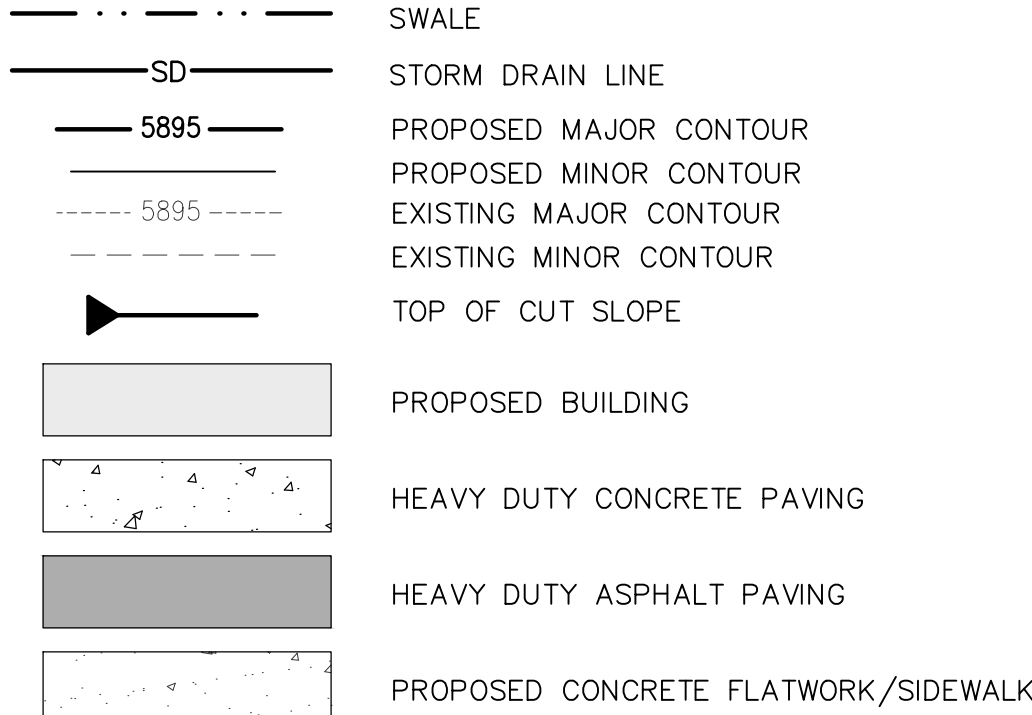
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C-101

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	PROPOSED SPOT ELEVATIONS (FLOW LINE)
	MATCH EXISTING ELEVATIONS
	TOP OF CONCRETE FLOW LINE, CURB
	INVERT
	FINISH GRADE
	TOP OF BASE COURSE
	TOP OF CURB
	TOP OF GRATE
	TOP OF ASPHALT
	FIELD VERIFY
	FLOW ARROW
	GRADE BREAK-HIGH POINT
	PROPOSED STORM DRAIN MANHOLE



- 1 NOT USED.
- 2 NOT USED.
- 3 NOT USED.
- 4 NOT USED.
- 5 NEW LIGHT DUTY ASPHALT PARKING. SEE DETAIL SHEET C-501.
- 6 NEW CONCRETE VALLEY GUTTER WITH FILLETS, PER COA STD DWG #2420.
- 7 NEW CONCRETE FLAT WORK, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 8 NEW CONCRETE CURB AND GUTTER. PER COA STD DWG #2415A.
- 9 NEW PARKING STRIPES AND ADA MARKINGS, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 10 NOT USED.
- 11 NOT USED.
- 12 NOT USED.
- 13 NEW SITE WALL, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 14 NEW FIRE FIGHTER PARKING, (26 SPACES)
- 15 NEW CURB AND GUTTER AND SIDEWALK TO MATCH EXISTING PER COA STD. DWGS #2415A AND #2430. SLOPE SIDEWALK AT 1.5% CROSS SLOPE.
- 16 NOT USED.
- 17 NOT USED.
- 18 NOT USED.
- 19 NOT USED.
- 20 NOT USED.
- 21 EXISTING SIDEWALK TO REMAIN.
- 22 EXISTING CURB AND GUTTER TO REMAIN.
- 23 NOT USED.
- 24 NOT USED.
- 25 NOT USED.
- 26 NOT USED.
- 27 NEW ADA RAMP PER COA STD DWG #2443.
- 28 NOT USED.
- 29 NEW GATE SEE ARCHITECTURAL PLANS FOR DETAILS.
- 30 NEW CONCRETE CHANNEL FOR GATE SEE ARCHITECTURAL PLANS.
- 31 WROUGHT IRON FENCE. SEE ARCHITECTURAL PLANS FOR DETAILS.

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CITY OF ALBUQUERQUE

CAPITAL IMPLEMENTATION PROGRAM

AFD FIRE STATION 12

11714 LINN AVE. N.E.
ALBUQUERQUE, NM 87123



LARGED GRADING AND DRAINAGE PLAN

City Engineer Approval		<div style="writing-mode: vertical-rl; transform: rotate(180deg);">Last Design Update</div>	Mo./Day/Yr.	Mo./
			7/10/18	

City Project No.		Sheet
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