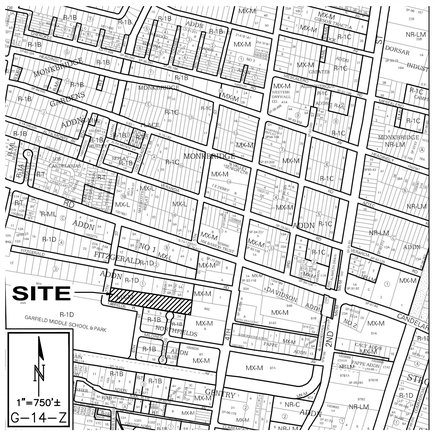
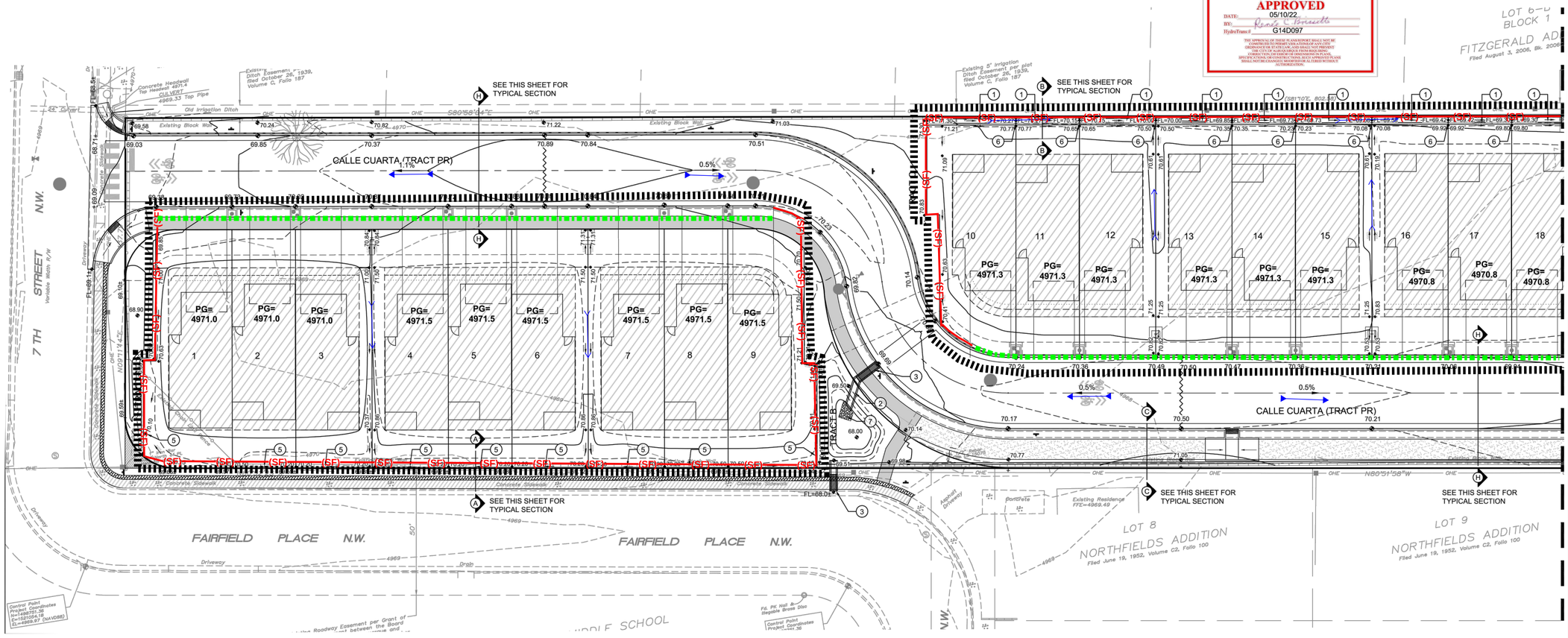




City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED
DATE: 05/10/22
BY: Renée C. Brissette
HydroTrans #: G14D097
THIS APPROVAL OF THESE PLANS/REPORT SHALL NOT BE CONSTRUED TO PERMIT VIOLATION OF ANY CITY ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT CORRECTION OF ERRORS OR OMISSIONS IN PLANS, CONSTRUCTION OR ERRORS OR OMISSIONS IN PLANS, SPECIFICATIONS, OR CONSTRUCTIONS. SUCH APPROVED PLANS SHALL NOT BE CHANGED OR ALTERED WITHOUT AUTHORIZATION.

BMP MAP LEGEND

- LIMITS OF DISTURBANCE
- (SF) PERIMETER BMP (SILT FENCE)
- CUT BACK CURB
- SHEET FLOW
- CONCENTRATED FLOW
- PORTABLE TOILETS
- WASTE CONTAINER
- CONCRETE WASHOUT

green globe ENVIRONMENTAL

OPERATOR: AMRESTON CONSTRUCTION, LLC

TOTAL DISTURBED AREA: 1.39 ACRES

RECEIVING WATERS: RIO GRANDE RIVER

REFER TO THE ESC BMP DETAILS (PAGES 5-7) FOR INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS.

****GRADING PLAN BY OTHERS****

CALLE CUARTA (HOME BUILDING, LOTS 1-21)

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:	
M. VALLEJOS, CPESC, CISEC	03/09/2026

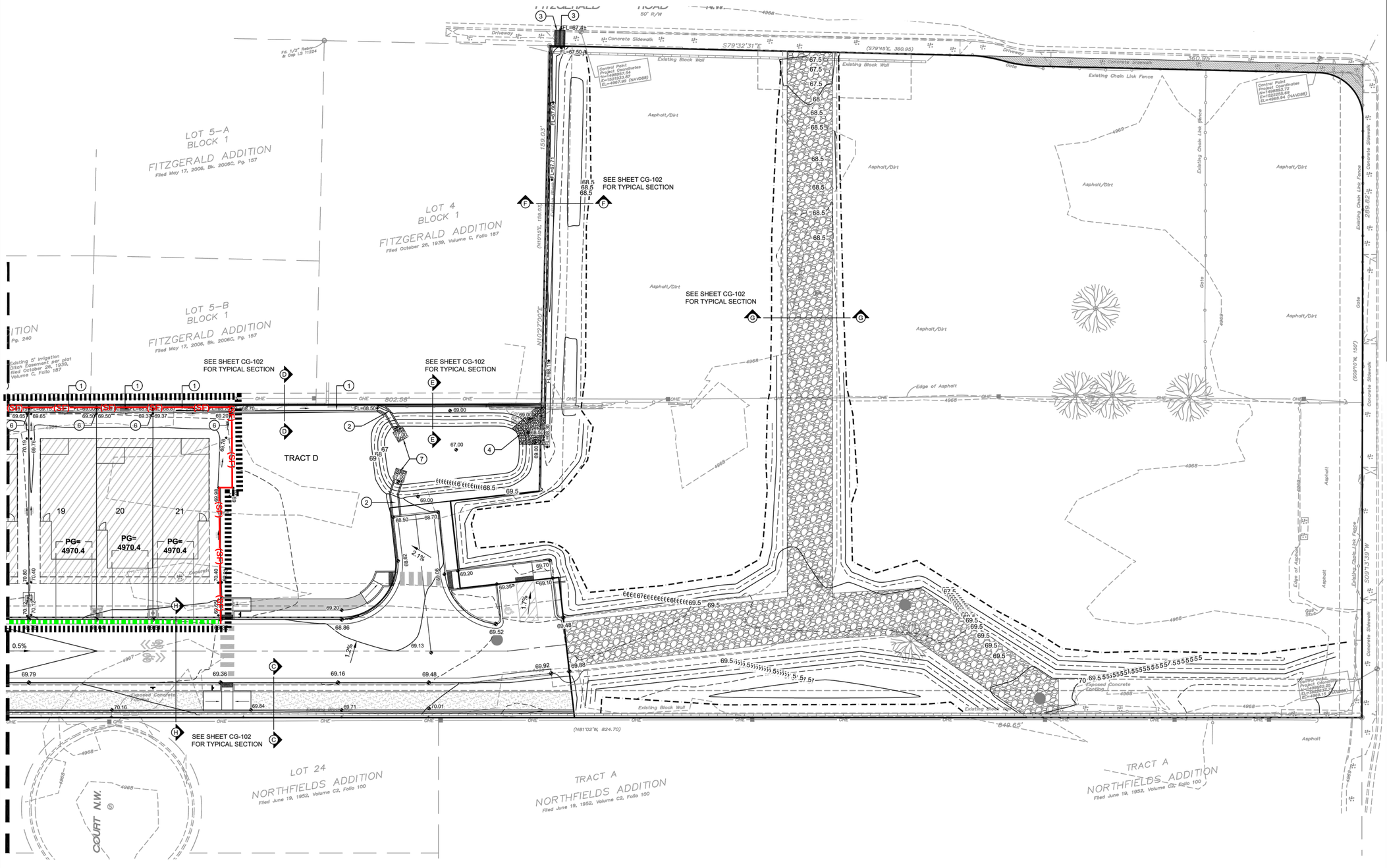
CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL CPESC® MATHEW F. VALLEJOS No. 9108 3-9-26

ESC-1

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
APPROVED
DATE: 05/10/22
BY: Renée C. Brissette
HydroTrans #: G14D097

THE APPROVAL OF THESE PLANS/REPORT SHALL NOT BE CONSTRUED TO PERMIT ISSUANCE/APPROVAL OF ANY CITY ORDINANCE OR STATE LAW, AND SHALL NOT PREVENT THE CITY FROM REQUIRING CORRECTION OF ERRORS IN CONSTRUCTING OR LOSS OF OCCUPANCY IN FUTURE. SPECIFIC SCOPING/GRADING/DRAINAGE APPROVED PLANS SHALL NOT BE CHANGED, MODIFIED, OR ALTERED WITHOUT AUTHORIZATION.

0 10 20 40 60
SCALE 1"=20'



BMP MAP LEGEND

- LIMITS OF DISTURBANCE
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green globe ENVIRONMENTAL

OPERATOR: AMRESTON CONSTRUCTION, LLC

TOTAL DISTURBED AREA: 1.39 ACRES

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****GRADING PLAN BY OTHERS****

CALLE CUARTA (HOME BUILDING, LOTS 1-21)

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:	
M. VALLEJOS, CPESC, CISEC	03/09/2026

CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL
CPESC 3-9-26
MATHEW F. VALLEJOS No. 9108

ESC-2

ESC PLAN STANDARD NOTES (02/02/26)

1. ALL EROSION AND SEDIMENT CONTROL (ESC) WORK ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE PERMITTED, CONSTRUCTED, INSPECTED, AND MAINTAINED IN ACCORDANCE WITH:
   a. THE CITY ORDINANCE § 14-5-6-6, THE ESC ORDINANCE,
   b. THE EPA'S 2022 CONSTRUCTION GENERAL PERMIT (CGP),
   c. THE CITY OF ALBUQUERQUE CONSTRUCTION BMP MANUAL AND DETAILS.
2. ALL BMPS MUST BE INSTALLED BEFORE BEGINNING ANY EARTH-MOVING ACTIVITIES EXCEPT AS SPECIFIED IN THE PHASING PLAN. CONSTRUCTION OF EARTHEN BMPS SUCH AS SEDIMENT TRAPS, SEDIMENT BASINS, AND DIVERSION BERMS SHALL BE COMPLETED AND INSPECTED PRIOR TO ANY OTHER CONSTRUCTION OR EARTHWORK. SELF-INSPECTION IS REQUIRED AFTER INSTALLATION OF THE BMPS AND BEFORE CONSTRUCTION BEGINS.
3. SELF-INSPECTIONS - IN ACCORDANCE WITH CITY ORDINANCE § 14-5-6-6(C)(1), "AT A MINIMUM, A ROUTINE SELF-INSPECTION IS REQUIRED TO REVIEW THE PROJECT FOR COMPLIANCE WITH THE CONSTRUCTION GENERAL PERMIT ONCE EVERY 14 DAYS AND AFTER ANY PRECIPITATION EVENT OF 1/4 INCH OR GREATER UNTIL THE SITE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE DETERMINED AS STABILIZED BY THE CITY. REPORTS OF THESE INSPECTIONS SHALL BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST.
4. CORRECTIVE ACTION REPORTS MUST BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST.
5. FINAL STABILIZATION AND NOTICE OF TERMINATION (NOT) - IN ACCORDANCE WITH CITY ORDINANCE § 14-5-6-6(C)(2), SELF-INSPECTIONS MUST CONTINUE UNTIL THE SITE IS "DETERMINED AS STABILIZED BY THE CITY." THE PROPERTY OWNER/OPERATOR IS RESPONSIBLE FOR DETERMINING WHEN THE "CONDITIONS FOR TERMINATING CGP COVERAGE" PER CGP PART 8.2 ARE SATISFIED AND THEN FOR FILING THEIR NOTICE OF TERMINATION (NOT) WITH THE EPA. EACH OPERATOR MAY TERMINATE CGP COVERAGE ONLY IF ONE OR MORE OF THE CONDITIONS IN PART 8.2.1, 8.2.2, OR 8.2.3 HAS OCCURRED. AFTER FILING THE NOT WITH THE EPA, THE PROPERTY OWNER IS RESPONSIBLE FOR REQUESTING A DETERMINATION OF STABILIZATION FROM THE CITY.
6. WHEN WORKING IN THE PUBLIC RIGHT-OF-WAY (E.G., SIDEWALK, DRIVE PADS, UTILITIES, ETC.), PREVENT DIRT FROM ENTERING THE STREET. IF DIRT IS ON THE STREET, IT SHOULD BE SWEPT DAILY AND BEFORE A RAIN OR CONTRACTOR-INDUCED WATER EVENT (E.G., CURB CUT OR WATER TEST).
7. WHEN INSTALLING UTILITIES BEHIND THE CURB, THE EXCAVATED DIRT SHOULD NOT BE PLACED IN THE STREET.
8. WHEN CUTTING THE STREET FOR UTILITIES, THE DIRT SHALL BE PLACED ON THE UPHILL SIDE OF THE STREET CUT, AND THE AREA SWEPT AFTER THE WORK IS COMPLETE. A COMPOST FILTER SOCK MAY BE PLACED AT THE TOE OF THE EXCAVATED DIRT PILE IF SITE CONSTRAINTS DO NOT ALLOW PLACING THE EXCAVATED DIRT ON THE UPHILL SIDE OF THE STREET CUT.
9. STORMWATER CONTROLS MUST BE DESIGNED IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES BY A QUALIFIED NMPE OR CPESC ACCORDING TO CGP 9.6.1.C. THE CERTIFICATION OF THE PROFESSIONAL RESPONSIBLE FOR THE DESIGN MUST BE SIGNED AND DATED ON THE EROSION AND SEDIMENT CONTROL (ESC) PLAN MAINTAINED IN THE SWPPP AND AVAILABLE ONSITE. MAJOR CHANGES TO THE ESC PLAN AFTER CITY APPROVAL MUST BE RECERTIFIED BY THE PROFESSIONAL AND RESUBMITTED TO THE CITY FOR APPROVAL BEFORE MODIFYING THE STORMWATER CONTROLS. THE OPERATOR(S) MUST IMPLEMENT AND MAINTAIN BMPS IN THE MANNER SPECIFIED ON THE APPROVED ESC PLAN.
10. IF ANY PART OF THE PROPERTY IS SOLD TO A NEW OWNER OR LEASED TO A NEW TENANT BEFORE CONSTRUCTION IS FINISHED, THE NEW OWNER OR TENANT MUST SUBMIT A NEW ESC PLAN AND NOI TO THE CITY FOR APPROVAL 14 DAYS PRIOR TO THE TRANSFER OF PROPERTY RIGHTS, IN ACCORDANCE WITH CITY ORDINANCE § 14-5-6-6(A). IF NEW LAND-DISTURBING ACTIVITIES ARE ADDED, THE PROPERTY OWNER MUST SUBMIT A REVISED ESC PLAN TO THE CITY FOR APPROVAL 14 DAYS BEFORE BEGINNING CONSTRUCTION IN THE NEW AREAS.
11. OFF-SITE CONSTRUCTION SUPPORT ACTIVITIES MUST BE SHOWN ON THE ESC PLAN WITH STORMWATER CONTROLS DESIGNED BY A PROFESSIONAL AND APPROVED BY ALBUQUERQUE'S STORMWATER QUALITY (SWQ) SECTION. THE OFFSITE PROPERTY OWNER'S NOI MUST ALSO BE SUBMITTED TO THE CITY FOR APPROVAL. THE DEVELOPER MUST STABILIZE OFF-SITE PROPERTY DISTURBED BY CONSTRUCTION ACTIVITIES ASSOCIATED WITH HIS DEVELOPMENT USING "NATIVE SEED AND AGGREGATE MULCH PER COA STD 1012" OR AN EQUIVALENT, IN COMPLIANCE WITH THE FINAL STABILIZATION CRITERIA IN CGP 2.2.14.C AND AS APPROVED BY THE OFF-SITE PROPERTY OWNER.
12. FROM MAY 1 THROUGH OCTOBER 31, ANY GRADING WITHIN OR ADJACENT TO A FACILITY THAT CONVEYS A 100-YEAR FLOW RATE OF 50 CFS OR RECEIVES A 100-YEAR 24-HOUR VOLUME OF 2.0 ACRE-FEET OR MORE MUST PROVIDE STORMWATER CONTROL, EROSION CONTROL, AND SAFE PASSAGE OF THE 10-YEAR DESIGN STORM RUNOFF DURING CONSTRUCTION. THE ESC PLAN MUST INCLUDE DESIGN CALCULATIONS AND CONSTRUCTION SPECIFICATIONS WITH AN ENGINEER'S STAMP FOR TEMPORARY FACILITIES THAT ENSURE SAFE, NON-EROSIVE PASSAGE OF THE 10-YEAR STORM TO PREVENT SEDIMENT DISCHARGE INTO THE CITY'S MS4, IN ACCORDANCE WITH CITY ORDINANCE § 14-5-2-12(B)(3). THE ESC PLAN, INCLUDING THIS INFORMATION, MUST BE SUBMITTED TO THE SWQ SECTION OF THE PLANNING DEPARTMENT OF THE CITY OF ALBUQUERQUE FOR APPROVAL AT LEAST 14 DAYS PRIOR TO ANY LAND DISTURBANCE OR CONSTRUCTION ACTIVITIES IN OR NEXT TO THE FACILITY DURING THE RESTRICTED PERIOD.

green globe ENVIRONMENTAL

OPERATOR: AMRESTON CONSTRUCTION, LLC

TOTAL DISTURBED AREA: 1.39 ACRES

RECEIVING WATERS: RIO GRANDE RIVER

REFER TO THE ESC BMP DETAILS (PAGES 5-7) FOR INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS.

CALLE CUARTA (HOME BUILDING, LOTS 1-21)

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:	
M. VALLEJOS, CPESC, CISEC	03/09/2026

CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL — CPESC — MATHEW F. VALLEJOS No. 9108 — 2-9-26

ESC-2

Nature of Construction Activity:
This project consists of new residential home construction. This project covers 21 lots (Lots 1-21) approximately 1.378 acres of the Calle Cuarta project. Amreston Construction, LLC is responsible for all construction activities including earthwork, infrastructure, utilities, flatwork, and vertical construction. The activities to occur on-site are consistent with new residential home construction.

Project/Site Name: Calle Cuarta
Project Street/Location: 7th St. NW and Calle Cuarta Ct.
City: Albuquerque
State: NM
Zip Code: 87107
County: Bernalillo

Project Latitude: 35.11895 **Longitude:** -106.64829

Determination of Latitude/Longitude:
☐ **USGS topographic map (scale:_____)**
☐ **EPA Web Site** ☒ **NM OpenEnviroMap** ☐ **GPS**
☐ **Other (please specify):**_____

Function of Construction Activity:
☒ **Residential** ☐ **Commercial** ☐ **Industrial** ☐ **Linear (roadway)**
☐ **Linear (Utility)** ☒ **Development** ☐**Other (specify):**_____

Is your project/site located on Federal or Native American Lands Yes☐ **No**☒
Description: _____

CALLE CUARTA SEQUENCE OF CONSTRUCTION

- INSTALL CUT BACK CURBS AT FINISHED LOTS
- INSTALL/MAINTAIN INLET PROTECTION
- BEGIN HOME CONSTRUCTION
- AS EACH HOME IS CONSTRUCTED AND FINISHED, BEGIN PLANTING AND LANDSCAPING

ROLE	COMPANY	REPRESENTATVIE NAME	PHONE	EMAIL
OPERATOR	AMRESTON CONSTRUCTION, LLC	JACOB GALLEGOS	505-859-8779	JGALLEGOS@AMRESTON.COM
OWNER	AMRESTON HOMES	JACOB GALLEGOS	505-859-8779	JGALLEGOS@AMRESTON.COM
BMP MAINTENANCE	SUPERIOR STORMWATER SERVICES	TIM SLATUNAS	505-353-2558	TM@SUPERIORSTORMWATER.COM
SWPPP INSPECTIONS	GREEN GLOBE ENVIRIONMENTAL, LLC	TIM SLATUNAS	505-353-2558	TIM@GREENGLOBENM.COM

Tables — K Factor, Whole Soil — Summary By Map Unit

Summary by Map Unit — Bernalillo County and Parts of Sandoval and Valencia Counties, New Mexico (NM600)

Summary by Map Unit — Bernalillo County and Parts of Sandoval and Valencia Counties, New Mexico (NM600)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Ge	Gila clay loam MLRA 42	.24	2.9	100.0%
Totals for Area of Interest			**2.9**	**100.0%**

Rio Grande (Tijeras Arroyo to Alameda Bridge)			AU IR CATEGORY	LOCATION DESCRIPTION	
			5/5C	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	**WQS REF**	**WATER TYPE**	**SIZE**	**ASSESSED**	**MONITORING SCHEDULE**
NM-2105_51	20.6.4.105	RIVER	15.6 MILES	2020	2025
USE	**ATTAINMENT**	**CAUSE(S)**	**FIRST LISTED**	**TMDL DATE**	**PARAMETER IR CATEGORY**
IRR	Fully Supporting				
LW	Fully Supporting				
MWWAL	Not Supporting	Temperature	2010	2023 (est.)	5/5A
		Dissolved oxygen	2008	2023 (est.)	5/5A
		PCBS - Fish Consumption Advisory	2010		5/5C
		Mercury - Fish Consumption Advisory	2020		5/5C
PC	Not Supporting	E. coli	2020	6/30/2010	4A
PWS	Not Assessed				
WH	Fully Supporting				

AU Comment: TMDL for E. coli. Fish Consumption Advisory listings are based on NM's current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

OPERATOR: AMRESTON CONSTRUCTION, LLC

TOTAL DISTURBED AREA: 1.39 ACRES

RECEIVING WATERS: RIO GRANDE RIVER

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CALLE CUARTA (HOME BUILDING, LOTS 1-21)

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:
M. VALLEJOS, CPESC, CISEC

03/09/2026

CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL — CPESC — MATHEW F. VALLEJOS No. 9108 — 3-9-26

SILT FENCES

1. **DESCRIPTION & PURPOSE:**
   STORMWATER SILT FENCES (SWSF) ARE TEMPORARY SEDIMENT BARRIERS MADE OF POROUS FABRIC HELD UP BY WOODEN OR METAL POSTS DRIVEN INTO THE GROUND. THEY ARE INEXPENSIVE AND RELATIVELY EASY TO REMOVE. THE FABRIC PONDS STORMWATER RUNOFF, CAUSING SEDIMENT TO BE RETAINED BY THE SETTLING PROCESSES. IT ALSO KNOCKS DOWN WIND-DRIVEN SAND. IT KEEPS SOIL OUT OF CITY STREETS, THUS PREVENTING CLOGGED STORM DRAINS AND THE DEGRADATION OF AQUATIC HABITATS.
2. **PRIMARY USE:**
   STORMWATER SILT FENCE (SWSF) IS PRIMARILY FOR STORMWATER CONTROL, BUT DUST CONTROL MAY BE A SECONDARY BENEFIT. SEE SEPARATE DUST CONTROL SILT FENCE (DCSF) FOR SILT FENCE USED PRIMARILY FOR FUGITIVE DUST CONTROL. BOTH TYPES OF SILT FENCE MAY BE SHOWN ON A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MAP AND/OR AN EROSION AND SEDIMENT CONTROL (ESC) PLAN WITH CLEAR DIFFERENTIATION BETWEEN THE TWO.
   STORMWATER SILT FENCE IS UNSUITABLE TO CONTROL STORMWATER AT CONCENTRATED DISCHARGE POINTS, LARGE DRAINAGE AREAS, OR WHERE THE SILT FENCE ISN'T ON CONTOUR. WHERE SILT FENCES ARE UNSUITABLE, A SEPARATE STORMWATER CONTROL IS REQUIRED, SUCH AS A BERM OR A POND, IN ADDITION TO DUST CONTROL SILT FENCE. DUST CONTROL SILT FENCES ARE STILL NEEDED TO CONTROL WIND EROSION ON TOP OF OTHER STORMWATER CONTROLS, SUCH AS BERMS AND PONDS, AT THE DOWNSTREAM PERIMETER OF CONSTRUCTION SITES.
   STORMWATER SILT FENCE IS USED AS A **PERIMETER STORMWATER CONTROL** WHEN INSTALLED DOWNSLOPE FROM EXPOSED SOIL PER PART 2.2.3 OF THE EPA'S CONSTRUCTION GENERAL PERMIT (CGP), AND AS AN **AIR QUALITY CONTROL** AROUND THE REST OF THE PERIMETER IN SUPPORT OF CGP PART 2.2.6 AND THE ALBUQUERQUE-BERNALILLO COUNTY AIR QUALITY PROGRAM.
3. **STORMWATER QUALITY DESIGN SPECIFICATIONS:**
   A. SILT FENCE IS FOR **SHEET FLOW ONLY**, NEVER FOR CONCENTRATED STORMWATER. STORMWATER SILT FENCE ISN'T ALLOWED AS THE STORMWATER CONTROL AT CONCENTRATED DISCHARGE POINTS. OTHER STORMWATER CONTROLS, SUCH AS PONDS AND BERMS, ARE REQUIRED AT DISCHARGE POINTS.
   ALTERNATIVELY, SILT FENCES MAY BE USED ALONG THE SIDES OF STABILIZED CONCENTRATED FLOW PATHS THROUGH CONSTRUCTION SITES TO REMOVE SEDIMENT FROM THE STORMWATER BEFORE IT ENTERS THE STABILIZED CONCENTRATED FLOW PATH.
   B. THE **DRAINAGE AREA** IS LIMITED TO 25,000 SF PER 100 FT OF FENCE OR COMBINED WITH A SEDIMENT BASIN ON A LARGER SITE.
   C. THE **MAXIMUM SLOPE DISTANCE** ABOVE THE FENCE IS FURTHER LIMITED BY THE SLOPE STEEPNESS, AS SHOWN IN THE TABLE BELOW.

LAND SLOPE (%)	MAXIMUM SLOPE DISTANCE ABOVE FENCE (FT)
2	250
5	180
10	100
20	50
30	30

   D. STORMWATER SILT FENCES MUST BE CONSTRUCTED **ON CONTOUR**, LEVEL ACROSS THE BOTTOM, WITH THE ENDS TURNED UPHILL AS NECESSARY TO PREVENT FLANKING. A SILT FENCE ALONE SHOULDN'T BE USED AS A DIVERSION. AN AIR QUALITY SILT FENCE MAY BE USED IN CONJUNCTION WITH A DIVERSION BERM OR SWALE ALONG A SLOPING PERIMETER ON THE DOWNHILL SIDE OF CONSTRUCTION SITES.
   E. LIMIT THE LENGTH OF ANY SINGLE RUN OF SILT FENCE TO 500 FT. AND IT MUST BE PLACED ALONG A LEVEL CONTOUR.
   F. DO NOT USE SILT FENCES TO DIVERT FLOW.
4. **SELECT STANDARD STRENGTH OR EXTRA STRENGTH SILT FENCE MATERIAL**
   A. <u>STANDARD STRENGTH SILT FENCE</u> IS APPROPRIATE IF THE SLOPE OF AREA DRAINING TO FENCE IS 4:1 (H: V) OR LESS AND THE DRAINAGE AREA PRODUCES LOW SEDIMENT LOADS. THE EXPECTED LONGEVITY IS GENERALLY LIMITED TO LESS THAN FIVE MONTHS
   B. <u>EXTRA STRENGTH SILT FENCE</u> IS APPROPRIATE IF THE SLOPE OF AREA DRAINING TO FENCE IS 1:1 (H: V) OR LESS AND AREA DRAINING TO FENCE PRODUCES MODERATE SEDIMENT LOADS. EXPECTED LONGEVITY IS GENERALLY LIMITED TO EIGHT MONTHS. LONGER PERIODS MAY REQUIRE FABRIC REPLACEMENT.
   HEAVY-DUTY FENCE FABRIC HAS GREATER TENSILE STRENGTH AND PERMEABILITY THAN OTHER FABRIC TYPES. THE POSTS MAY BE SPACED CLOSER TOGETHER THAN OTHER PREMANUFACTURED SILT FENCE TYPES AVAILABLE FROM THE MANUFACTURER.

STORMWATER SILT FENCE MATERIAL	
PHYSICAL PROPERTY	REQUIREMENTS
TENSILE STRENGTH AT 20% (MAXIMUM) ELONGATION	STANDARD STRENGTH: 30 LB/IN (MINIMUM) EXTRA STRENGTH: 50 LB/IN (MINIMUM)
UV RESISTANT	90%
SLURRY FLOW RATE	0.3 GAL/MIN (MINIMUM)

REVISIONS	**CITY OF ALBUQUERQUE**
Draft 7/29/2025	CONSTRUCTION STORMWATER QUALITY **STORMWATER SILT FENCE (SWSF)** SHEET 1 OF 2

5. CONSTRUCTION SPECIFICATIONS:

A. INSTALL SILT FENCE ALONG A LEVEL CONTOUR, WITH THE ENDS TURNED UPHILL (12" VERTICAL MIN.) FAR ENOUGH TO PREVENT FLANKING. EXCEPT FOR THE ENDS, THE DIFFERENCE IN ELEVATION BETWEEN THE HIGHEST AND LOWEST POINT ALONG THE TOP OF THE SILT FENCE SHALL NOT EXCEED ONE-THIRD THE FENCE HEIGHT.

B. CLEAR THE GROUND AT THE SILT FENCE LOCATION TO BARE DIRT. REMOVE VEGETATION, ROCKS, GRAVEL, AND PAVEMENT.

C. INSTALL POSTS SPACED A MAXIMUM OF 10 FEET APART AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 18 INCHES. HARDWOOD POSTS MUST BE 2" X 2", AND STEEL POSTS (STANDARD "U" OR "T' SECTION) MUST HAVE A MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT AND SHALL HAVE A MINIMUM LENGTH OF 4' FEET. DOUBLE POSTS ARE REQUIRED AT BOTH ENDS OF EACH PIECE OF SILT FENCE AND AT SPLICES.

D. EXCAVATE A TRENCH A MINIMUM OF 6" DEEP BY 6" WIDE ALONG THE UPHILL SIDE OF THE POSTS. ALTERNATIVELY, A 12" DEEP STATIC SLICE IS ALLOWED.

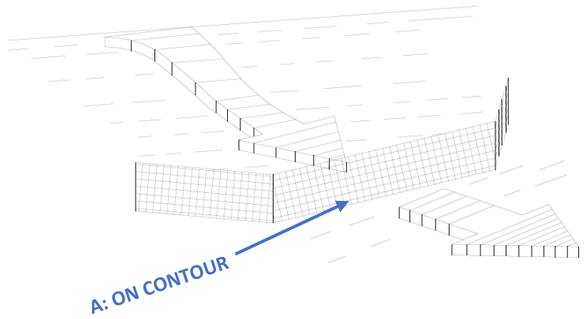
E. OPTIONAL WIRE FENCE REINFORCEMENT IS TYPICALLY 14 GAUGE OR MORE WITH A MAXIMUM MESH SPACING OF 6 INCHES, FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES, OR HOG RINGS. THE WIRE REINFORCEMENT SHOULD ALSO EXTEND 6" INTO THE TRENCH.

F. THE FILTER FABRIC SHOULD BE STAPLED OR WIRED TO THE FENCE AND POSTS, AND 12 INCHES OR MORE OF THE FABRIC SHOULD EXTEND INTO THE TRENCH. THE WIRE REINFORCEMENT (IF USED) AND FILTER FABRIC SHOULD BE STRETCHED TIGHTLY WHILE ATTACHING THEM.

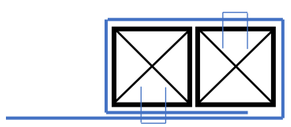
G. EMBED THE FILTER FABRIC 12" MINIMUM INTO THE TRENCH AND BACKFILL WITH CLEAN EARTH, FREE OF ROCKS AND ORGANIC MATTER, AND COMPACTED WITH OPTIMUM MOISTURE BY WHEEL ROLLING, TAMPING, OR OTHER SIMILAR MEANS. THE FINISHED GRADE SHOULD BE THE SAME ON BOTH SIDES OF THE FENCE, AND THE DEPTH OF EMBEDMENT SHOULD BE MEASURED FROM THE LOWEST GRADE ADJACENT TO THE FENCE. SUBSTITUTIONS INSTEAD OF EMBEDMENT, LIKE WATTLES, ARE NOT ALLOWED.

H. THE HEIGHT OF A STORMWATER SILT FENCE SHALL BE A MINIMUM OF 24 INCHES ABOVE THE HIGHEST GROUND SURFACE ADJACENT TO THE FENCE. ADDITIONAL HEIGHT (30" MIN.) IS REQUIRED TO SATISFY THE ALBUQUERQUE-BERNALILLO COUNTY AIR QUALITY PROGRAM.

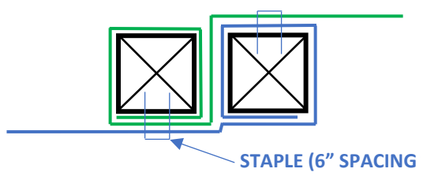
I. THE FILTER FABRIC MAY BE ATTACHED TO A CHAIN LINK FENCE CONSTRUCTED IN ACCORDANCE WITH COA STD DWG 2252 INSTEAD OF THE ABOVE-SPECIFIED WIRE FENCE REINFORCEMENT AND POSTS, PROVIDED THAT CHAIN LINK REINFORCEMENT AND FILTER FABRIC ARE EMBEDDED AS SPECIFIED ABOVE.



SECTION



TERMINAL
END STAKE DETAIL (TOP VIEW)



JOINING DETAIL
(TOP VIEW)

6. MAINTENANCE:

A. SELF-INSPECTION IS REQUIRED BY A CERTIFIED INSPECTOR EVERY 14 DAYS AND IMMEDIATELY AFTER EACH RAINFALL OF ¼" OR MORE, AND AT LEAST DAILY DURING PROLONGED RAINFALL.

B. INSPECTION CHECKLIST
   i. DOES THE SILT FENCE FOLLOW A CONTOUR?
   ii. ARE THE ENDS OF THE SILT FENCE TURNED UPHILL FOR THE LAST 12" VERTICALLY?
   iii. IS THE HEIGHT OF THE SILT FENCE 24" OR MORE ABOVE GROUND?
   iv. IS THE COLOR BAND EMBEDDED 6" OR MORE?
   v. IS THE SILT FENCE SECURE TO THE WIRE FENCE REINFORCEMENT OR THE STAKES?
   vi. HAS SEDIMENT ACCUMULATED BEHIND THE FENCE BY MORE THAN 1/2 THE HEIGHT OF THE FENCE? IF YES, THEN CLEAR IT.
   vii. DOES ANY 100-FOOT OF SILT FENCE SERVE MORE THAN 25,000 SQUARE FEET (ABOUT 1/2 ACRE) OF EXPOSED AREA?
   viii. IS THERE ANY INDICATION OF WASH AROUND OR UNDER WASH? IF YES, THEN RESET THE FENCE AND DETERMINE IF IT IS OVERLOADED (I.E., ANOTHER FENCE SHOULD BE INSTALLED UPSTREAM).

C. REPAIRS MUST BE COMPLETED WITHIN 24 HOURS OF FINDING THE DEFECT. DEFECTS TYPICALLY INCLUDE LOOSE POSTS OR ATTACHMENTS TO POSTS OR WIRE REINFORCEMENT. SOMETIMES REPAIRS INCLUDE TRENCHING AND EMBEDMENT. CORRECTIVE ACTIONS MUST BE COMPLETED WITHIN 7 DAYS OF DETECTING THE DEFECT.

D. CORRECTIVE ACTIONS INCLUDE RESETTING THE EXISTING FENCE OR REPLACING THE SECTION WHERE THE FILTER FABRIC HAS BEEN TORN OR WORN OUT. HOLES IN THE FILTER FABRIC REQUIRE REMOVAL AND REPLACEMENT WITH DOUBLE POSTS ON BOTH REPLACEMENT ENDS. PATCHES ARE NOT ADEQUATE REPAIRS OF HOLES. SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE BEFORE THE END OF THE EXPECTED USABLE LIFE, AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED.

E. EITHER REMOVE SEDIMENT DEPOSITS WHEN THE DEPOSIT REACHES HALF THE HEIGHT OF THE FENCE OR INSTALL A SECOND SILT FENCE AS DIRECTED BY THE PE/CPESC

F. THE SILT FENCE SHALL REMAIN IN PLACE UNTIL THE PE/CPESC DIRECTS IT BE REMOVED. UPON REMOVAL, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ANY EXCESS SEDIMENT ACCUMULATIONS, DRESS THE AREA TO GIVE IT A PLEASING APPEARANCE, AND VEGETATE ALL BARE AREAS PER CONTRACT REQUIREMENTS.

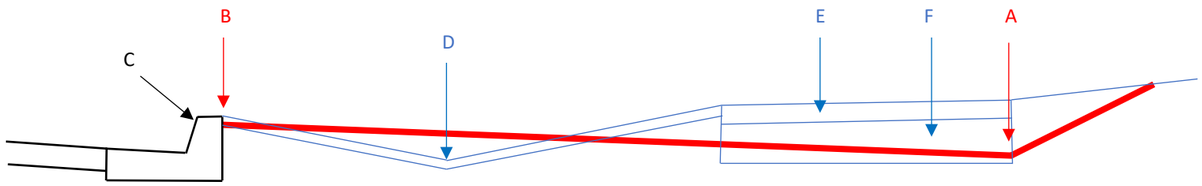
G. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED SILT FENCES RESULTING FROM END RUNS AND UNDERCUTTING.

REVISIONS	**CITY OF ALBUQUERQUE**
Draft 7/29/2025	CONSTRUCTION STORMWATER QUALITY **STORMWATER SILT FENCE (SWSF)** SHEET 2 OF 2

CUTBACK CURB (CBC)

1. **DESCRIPTION & PURPOSE:**
   IT IS A TEMPORARY POND IN THE LOCATION OF THE FUTURE SIDEWALK ON THE LOW SIDE OF A GRADED LOT IN A NEWLY PLATTED SUBDIVISION. CUTBACK CURBS (CBCS) ARE CONSTRUCTED BEHIND THE CURB. THE PRIMARY PURPOSE OF CBCS IS TO REMOVE SEDIMENT BEFORE IT ENTERS THE STREET, THUS KEEPING IT OUT OF THE CITY'S MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4). CHECK DAMS ARE USED IN CONJUNCTION WITH THE CBCS TO DIVERT OVERFLOW INTO THE STREET AND PREVENT CROSSLOT DRAINAGE.
2. **PRIMARY USE:** CUTBACK CURB (CBC) IS USED IN SUBDIVISIONS WHERE SIDEWALK CONSTRUCTION HAS BEEN DEFERRED FROM WORK ORDER (WO) CONSTRUCTION TO BUILDING PERMIT (BP) CONSTRUCTION. CBC IS CONSTRUCTED AFTER THE STREETS ARE PAVED AND BEFORE ANY HOUSES ARE OCCUPIED IN THE SUBDIVISION.
3. **DESIGN SPECIFICATIONS:**
   A. CBC IS GENERALLY FOR SINGLE-FAMILY RESIDENTIAL LOTS, BUT MAY BE USED FOR SMALL COMMERCIAL LOTS, PROVIDED THAT THE LOT DEPTH DRAINING TO THE CBC DOESN'T EXCEED 150'.
   B. CBC MUST BE INSTALLED IN NEW SUBDIVISIONS BEFORE ANY BUILDINGS ARE OCCUPIED TO PREVENT SEDIMENTATION ON THE ON-SITE STREETS.
   C. THERE ISN'T ROOM TO CONSTRUCT A CBC WHERE THE SIDEWALK HAS ALREADY BEEN CONSTRUCTED, SO USE ANOTHER PERIMETER CONTROL AS NECESSARY TO KEEP SEDIMENT OUT OF THE STREET.
   D. CBCS MAY BE GRADED BEFORE THE STREET IS PAVED, BUT SINCE THEIR PURPOSE IS TO KEEP SEDIMENT OUT OF THE STREET, THEY WON'T BE OPERATIONAL UNTIL AFTER THE STREET IS PAVED.
   E. CHECK DAMS ARE REQUIRED AT THE DOWNSTREAM EDGE OF EACH LOT WITHIN A CBC TO FORCE THE OVERFLOW BACK INTO THE STREET AND PREVENT IT FROM DRAINING INTO THE NEXT LOT. THE TOP ELEVATION OF THE TEMPORARY CHECK DAMS MUST BE A MINIMUM OF 3" ABOVE THE TOP OF CURB. MAXIMUM FALL ALONG THE STREET BETWEEN CHECK DAMS IS 10". IF THE FALL ALONG THE STREET EXCEEDS 10" BETWEEN CHECK DAMS, ADDITIONAL CHECK DAMS MUST BE PROVIDED, SO THE FALL DOESN'T EXCEED 10". SHOW EACH CHECK DAM ON THE ESC PLAN.
   F. COMPACTION 1 FOOT BEHIND THE CURB MUST STILL BE ACCOMPLISHED PER COA DWG 2415

4. **KEYED NOTES - CONSTRUCTION SPECIFICATIONS:**
   A. THE TEMPORARY GRADE AT THE PROPERTY LINE IS AT LEAST 10" BELOW THE TOP OF CURB ELEVATION.
   B. THE TEMPORARY GRADE BEHIND THE CURB IS AT LEAST 2" BELOW THE TOP OF CURB ELEVATION. IF THE CURB HAS BEEN CUT, THE GRADE WILL BE AT LEAST 2" BELOW THE CUT GRADE.
   C. THE C&G AND PAVING CONSTRUCTION MUST BE COMPLETE BEFORE THE CBC BECOMES OPERATIONAL.
   D. FUTURE "LANDSCAPE SWALE" PER DWG 2414
   E. 4" THICK SIDEWALK CONSTRUCTION DEFERRED UNTIL COMPLETION OF THE HOUSE PER DWG 2414
   F. 12" THICK COMPACTED SUBGRADE PER DWG 2414



5. **MAINTENANCE SPECIFICATIONS**
   A. SELF-INSPECTION IS REQUIRED BY A CERTIFIED INSPECTOR EVERY 14 DAYS AND IMMEDIATELY AFTER EACH RAINFALL OF ¼" OR MORE, AND AT LEAST DAILY DURING PROLONGED RAINFALL.
   B. REMOVE SEDIMENT DEPOSITS WHEN THE DEPOSIT REACHES HALF THE REQUIRED DEPTH.
   C. REPAIRS MUST BE COMPLETED WITHIN 24 HOURS OF FINDING THE DEFECT. DEFECTS TYPICALLY INCLUDE EROSION DUE TO INADEQUATE CHECK DAMS, CHECK DAMS NOT TALL ENOUGH TO DIVERT OVERFLOW INTO THE STREET, ERODED OR BYPASSED CHECK DAMS DUE TO OVERTOPPING OR FLANKING, TOO MUCH FALL BETWEEN CHECK DAMS (10" MAXIMUM.
   D. CORRECTIVE ACTIONS INCLUDE REEXCAVATING THE CBC TO DESIGN DEPTH AND RESETTING THE CHECK DAMS.

REVISIONS	**CITY OF ALBUQUERQUE**
Draft 7/16/2025	CONSTRUCTION STORMWATER QUALITY **CUTBACK-CURB** **(CBC)** SHEET 1 OF 1