

CITY OF ALBUQUERQUE

PLANNING DEPARTMENT – Development Review Services



April 8, 2015

Farman Shir, P.E. ~~SHIRMOHAMMADI, PE~~
Greenberg Farrow
5500 Democracy Dr. Suite 125
Plano, TX 75024

Richard J. Berry, Mayor

RE: Circle K (File: Q10D004)
Grading and Drainage Plan , Engineer's Stamp Date 3-25-2015

Dear Mr. Shir:

Based upon the information provided in your submittal received 3-27-15, the above referenced plan is approved for Work Order.

If you have any questions, you can contact me at 924-3695.

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Planning Dept.
Development Review Services

Orig: Drainage file
c.pdf Addressee via Email, Monica Ortiz



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Circle K Building Permit #: _____ City Drainage #: _____

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: Section 15, Township 9 North, Range 2 East, New Mexico Principal Meridian, Bernalillo County, New Mexico

City Address: 4400 Coors Blvd SW

Engineering Firm: Greenberg Farrow Contact: Kieu Kam

Address: 5500 Democracy Drive, Suite 125

Phone#: (972) 362-6118 Fax#: _____ E-mail: kkam@greenbergfarrow.com

Owner: Circle K Stores, Inc Contact: Justin C. Sager

Address: 1199 South Bethune Road

Phone#: 972-537-5898 Fax#: _____ E-mail: jsager1@circlek.com

Architect: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Surveyor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Contractor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☒ DRAINAGE PLAN 1st SUBMITTAL
- ☐ DRAINAGE PLAN RESUBMITTAL
- ☐ CONCEPTUAL G & D PLAN
- ☒ GRADING PLAN
- ☒ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ ENGINEER'S CERT (HYDROLOGY)
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ ENGINEER'S CERT (TCL)
- ☐ ENGINEER'S CERT (DRB SITE PLAN)
- ☐ ENGINEER'S CERT (ESC)
- ☐ SO-19
- ☐ OTHER (SPECIFY) _____

CHECK TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ SIA/FINANCIAL GUARANTEE RELEASE
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☒ WORK ORDER APPROVAL
- ☐ GRADING CERTIFICATION
- ☐ SO-19 APPROVAL
- ☐ ESC PERMIT APPROVAL
- ☐ ESC CERT. ACCEPTANCE
- ☒ OTHER (SPECIFY) City Concurrence

WAS A PRE-DESIGN CONFERENCE ATTENDED: ☒ Yes ☐ No ☒ Copy Provided

DATE SUBMITTED: 3/27/15 By: Kieu Kam

Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more
4. **Erosion and Sediment Control Plan:** Required for any new development and redevelopment site with 1-acre or more of land disturbing area, including project less than 1-acre that are part of a larger common plan of development

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREOIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE NO.8 AMENDMENT.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. ALL EXISTING SIGNS, MARKERS, DELINEATORS, STRIPING, DIKE SYMBOLS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
6. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION; CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
7. ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
8. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING, OR AS INDICATED BY THE PLAN SET.
9. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR. IF NOT NOTIFIED IN ADVANCE, THE CONTRACTOR WILL BE RESPONSIBLE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
10. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
11. CONTRACTOR SHALL MAINTAIN A DELIATY-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
12. CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUT-OFF OF WATER MAINS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFFS REQUESTS MUST BE MADE ONLINE AT http://www.abqewa.org/water_shut_off_and_turn_on_procedures.aspx
13. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
14. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY COA.
15. IF HUMAN REMAINS ARE ENCOUNTERED, CONSTRUCTION ACTIVITIES SHALL STOP AND CONTACT THE OFFICE OF MEDICAL EXAMINATIONS FOR FURTHER DIRECTION.

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED .
- ☒ IF CURB IS DERESSED FOR DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

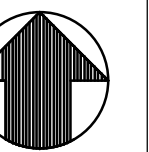
RED PLAINS SURVEYING CO.
1917 S. HARVARD AVE.
OKLAHOMA CITY, OK 73128
PHONE: (405) 603-7842
SURVEYOR'S PROJECT NO. N0251AD

TERRACON CONSULTANTS, INC.
#4A CR 3499
BERNALILLO COUNTY, NM 87102
(505) REPLACE
PROJECT NO.




1199 S. BELTLINE RD. STE 160
COPPELL, TEXAS 75019
(972) 537-5898

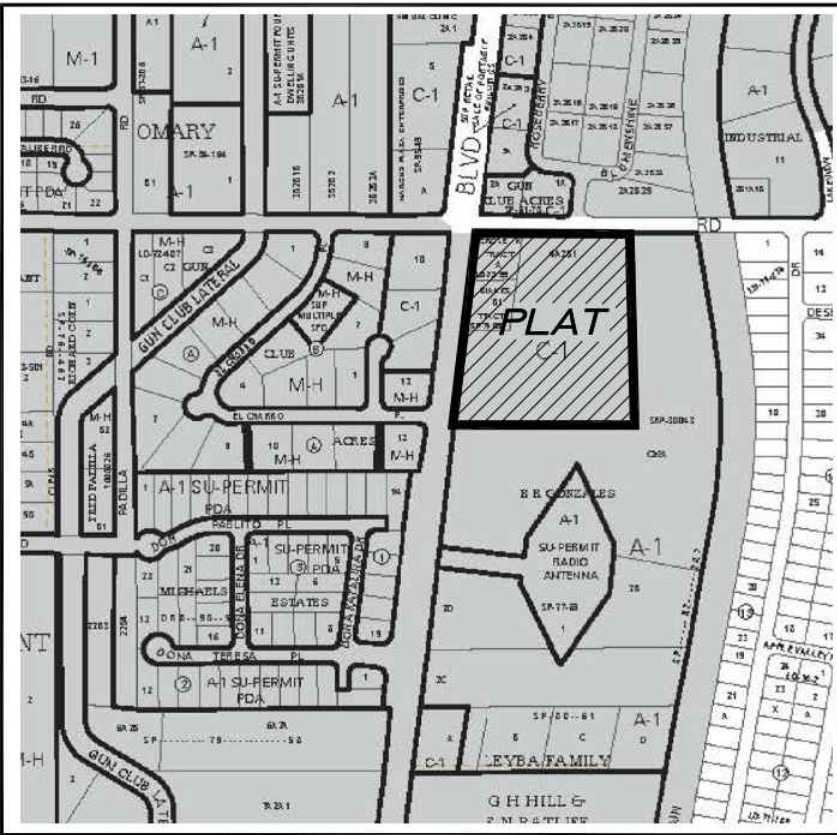
CONTACT: MARLEY PHILLIPS
5500 DEMOCRACY DR, SUITE 125
PLANO, TEXAS 75024
(972) 514-7641



1 OF 5 COVER SHEET
2 OF 5 PLAT
3 OF 5 SITE/PAVING/ DEMO
4 OF 5 GRADING/UTILITY
5 OF 5 OFF-SITE DETAIL

C 1.0	OVERALL SITE PLAN
C 1.1	OVERALL DEMOLITION PLAN
C 2.0	OVERALL PAVING PLAN
C 4.0	OVERALL DRAINAGE PLAN
C 6.0	OVERALL UTILITY PLAN

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE				
ENGINEERS STAMP & SIGNATURE			APPROVALS	ENGINEER	DATE	*****					
			DRC Chairman			APPROVED FOR CONSTRUCTION					
			Transportation								
			Water/Wastewater			CITY ENGINEER					
			Hydrology								
			Parks						DATE		
			Const. Coord.								
DRB CASE NUMBER			CITY PROJECT NO.	SHEET 1 OF 5							
20140016											



VICINITY MAP
Not To Scale

GENERAL NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone - NAD83).
- Distances are ground.
- Record Plat or Deed bearings and distances, where they differ from those established by this field survey, are shown in parenthesis ().
- All corners found in place and held were logged with a brass disk stamped "HUGG L.S. 9750" unless otherwise indicated herein.
- All corners that were set or either a 5/8" rebar with cap stamped "HUGG L.S. 9750" or a concrete nail with brass disk stamped "HUGG L.S. 9750" unless otherwise indicated.
- Bernalillo County Zone Atlas Page Q-10.

SUBDIVISION DATA

Total number of existing Tracts/Parcels: 3
Total number of Tracts created: 2
Gross Subdivision acreage: 8.5907 Acres
Current Zoning Designation is "C-1" (Neighborhood Commercial Zone) as shown on Bernalillo County Zone Atlas Page Q-10-2, Map Amended through 9-2-14.

SHEET INDEX

Sheet 1 of 3 Approvals, General Notes, Purpose of plat
Sheet 2 of 3 Legal Description, Free Consent & Dedication
Sheet 3 of 3 Overall Existing Plat and Tract Boundaries

140644_3-13-15.DWG

TREASURERS CERTIFICATION

This is to certify that taxes are current and paid on the following:

Bernalillo County Treasurer _____ Date _____

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

- Public Service Company of New Mexico for installation, maintenance, and service of underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical service.
- New Mexico Gas Company for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- Qwest Corporation d/b/a CenturyLink for the installation, maintenance, and service of both lines, cable, and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to ground pedestals and closures.
- Comcast Cable for the installation, maintenance, and service of both lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, with the right and privilege of entry upon, over and across adjoining lands or tracts for the purposes set forth herein and with the right to utilize the right of way and easement to extend services to customers of the Company, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (aboveground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code by construction of poles, decking, or any structures adjacent to or near easements shown on this plat.

Easements for electric transformers/switchgear, as installed, shall extend ten feet (10') in front of transformer/switchgear doors and five feet (5') on each side.

DISCLAIMER

In approving this plat, Public Service Company of New Mexico (PNM), New Mexico Gas Company (NMGCC) and Qwest Corporation d/b/a Century Link (QCL) did not conduct a Title Search of the properties shown herein. Consequently, PNM, NMGCC and QCL do not waive or release any easement or easement rights, which may have been granted by prior plat, record or other document and which are not shown on this plat.

PURPOSE OF PLAT

The purpose of this plat is to:

- Re-configure three (3) existing tracts to two (2) new tracts as shown herein.
- Grant the public easements as shown herein.

SURVEYOR'S CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that this plat of survey was prepared from field notes of an actual ground survey performed by me or under my direct supervision; that it meets the Standards for Land Surveys in the State of New Mexico as adopted by the New Mexico State Board of Registration for Professional Engineers and Professional Surveyors; that it meets the minimum requirements for surveys and monumentation of the Bernalillo County Subdivision Ordinance; that it shows all easements of record; and that it is true and correct to the best of my knowledge and belief.

Russ P. Hugg
NAPS No. 9750
March 17, 2015

PLAT OF
LOTS 1 AND 2
CIRCLE K SUBDIVISION NO. 2
(BEING A REPLAT OF TRACT B-1, BLAKE'S TRACT; TRACT A,
CIRCLE K TRACT AND TRACT 4-A-2-B-1, M.R.G.C.D. MAP 52)
SITUATE WITHIN
SECTION 15, TOWNSHIP 9 NORTH, RANGE 2 EAST
NEW MEXICO PRINCIPAL MERIDIAN
BERNALILLO COUNTY, NEW MEXICO
MARCH , 2015

APPROVALS

SRP- 2015- _____

Bernalillo County Development Review Authority, Chair _____ Date _____

Bernalillo County Zoning Department _____ Date _____

Bernalillo County Public Works Department _____ Date _____

Bernalillo County Environmental Health _____ Date _____

Bernalillo County Fire Marshall's Office _____ Date _____

City Surveyor _____ Date _____
Department of Municipal Development

ABQRIA _____ Date _____

AMAFCA _____ Date _____

UTILITY APPROVALS

Public Service Company of New Mexico _____ Date _____

New Mexico Gas Company _____ Date _____

Qwest Corporation d/b/a CenturyLink _____ Date _____

Comcast _____ Date _____

M.R.G.C.D.

APPROVED on the condition that all rights of the Middle Rio Grande Conservancy District in, on, over, under, and adjacent to the lands and areas, are fully reserved to said District, and that if provision for irrigation source and easements are not provided for by the subdivisor for the subdivision, addition, or plat, said District is obligated to all obligations to furnish irrigation waters and services to any portions thereof, other than from existing turnouts.

APPROVED _____ DATE _____

SHEET 1 OF 3

SURVOTEK, INC.
Consulting Surveyors
2084 Valley View Drive, N.E. Albuquerque, New Mexico 87114

Phone: 505-897-3368
Fax: 505-897-3077

LEGAL DESCRIPTION

That certain parcel of land situate within Section 15, Township 9 North, Range 2 East, New Mexico Principal Meridian, Bernalillo County, New Mexico being and comprising All of Tract B-1, Blake's Tract as the same is shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on April 26, 1978 in Volume 810, Folio 20; Tract A, Circle K Tract as the same is shown and designated on the plat thereof, filed in the office of the County Clerk of Bernalillo County, New Mexico on April 26, 1978 in Volume 810, Folio 20; Tract 4-A-2-B-1, Middle Rio Grande Conservancy District Property Map Number 52 as the same is designated on the certain General Warranty Deed filed in the office of the County Clerk of Bernalillo County, New Mexico on July 18, 2014 as Document No. 2014068812, more particularly described by survey performed by Russ P. Hugg, New Mexico Professional Surveyor Number 9750 using New Mexico State Plane Coordinate System, Central Zone (NAD 83) grid bearings and ground distances as follows:

BEGINNING at the Southwest corner of the parcel herein described (a 2" iron pipe found in place) sold point being the Southwest corner of said Tract 4-A-2-B-1, MRGCD Map 52 and a point on the Western right of way line of Coors Boulevard S.W. across the Albuquerque Central Survey Monument, 70-070 bears N 08°51'24" E,

N 08°51'24" E, 335.00 feet along said Western right of way line of Coors Boulevard S.W. to the Southwest corner of said Tract B-1, Blake's Tract (a 1/2" rebar found in place); Thence,

N 07°00'59" E, 175.18 feet along said Western right of way line of Coors Boulevard S.W. to the Northwest corner of said Tract B-1, Blake's Tract (a 1/2" rebar found in place); Thence,

N 07°00'59" E, 175.18 feet along said Western right of way line of Coors Boulevard S.W. to the Southwest corner of the parcel conveyed to the State of New Mexico Department of Transportation by Document filed in the office of the County Clerk of Bernalillo County, New Mexico on August 9, 2007 as Document No. 200718503 (a Map not and also stamped L.S. 1286 found in place); Thence along the Southerly and Easterly line of said parcel for the following three (3) courses:

S 82°56'05" E, 6.54 feet to a non tangent point of curvature (a Map not and also stamped L.S. 1286 found in place); Thence,

Northeasterly, 63.93 feet on the arc of a curve to the left (said curve having a radius of 78.19 feet, a central angle of 46°50'39" and a chord which bears N 53°16'47" E, 62.16 feet to a non tangent point of curvature (a Map not and also stamped L.S. 1286 found in place); Thence,

N 09°48'47" E, 6.13 feet to a point on the Southerly right of way line of Gun Club Road S.W. to a point (a cross inscribed in concrete found in place); Thence,

N89°51'15" E, 480.11 along said Southerly right of way line of Gun Club Road S.W. to the Northwest corner of said Tract 4-A-2-B-1 (a 1/2" rebar and cap stamped L.S. 9750 set); Thence,

S 02°32'25" E, 652.84 feet along the Easterly line of said Tract 4-A-2-B-1 to the Southwest corner of said Tract 4-A-2-B-1 (a 1/2" rebar and cap stamped L.S. 9750 found in place); Thence,

S 89°49'06" W, 617.62 feet along the Southerly line of said Tract 4-A-2-B-1 to the Southwest corner and point of beginning of the parcel herein described.

Said parcel contains 8.5907 acre, more or less.

FREE CONSENT AND DEDICATION

SURVEYED AND REPLATED, and now comprising, PLAT OF LOTS 1 AND 2, CIRCLE K SUBDIVISION NO. 2 (BEING A REPLAT OF TRACT B-1, BLAKE'S TRACT; TRACT A, CIRCLE K TRACT AND TRACT 4-A-2-B-1, M.R.G.C.D. MAP 52) SITUATE WITHIN SECTION 15, TOWNSHIP 9 NORTH, RANGE 2 EAST NEW MEXICO PRINCIPAL MERIDIAN, BERNALILLO COUNTY, NEW MEXICO, with the free consent of and in accordance with the wishes and desires of the undersigned owner(s) and proprietor(s) thereof. Said owner(s) and proprietor(s) do hereby grant the public easements as shown herein. Said owner(s) and proprietor(s) do hereby warrant that they hold among them, complete and indefeasible title in fee simple to the land subdivided. Said owner(s) and proprietor(s) do hereby consent to all of the foregoing and do hereby represent that they are so authorized to act.

OWNER(S)
Circle K Stores, Inc., a Texas corporation

By: _____

ACKNOWLEDGMENT

STATE OF _____

COUNTY OF _____ SS

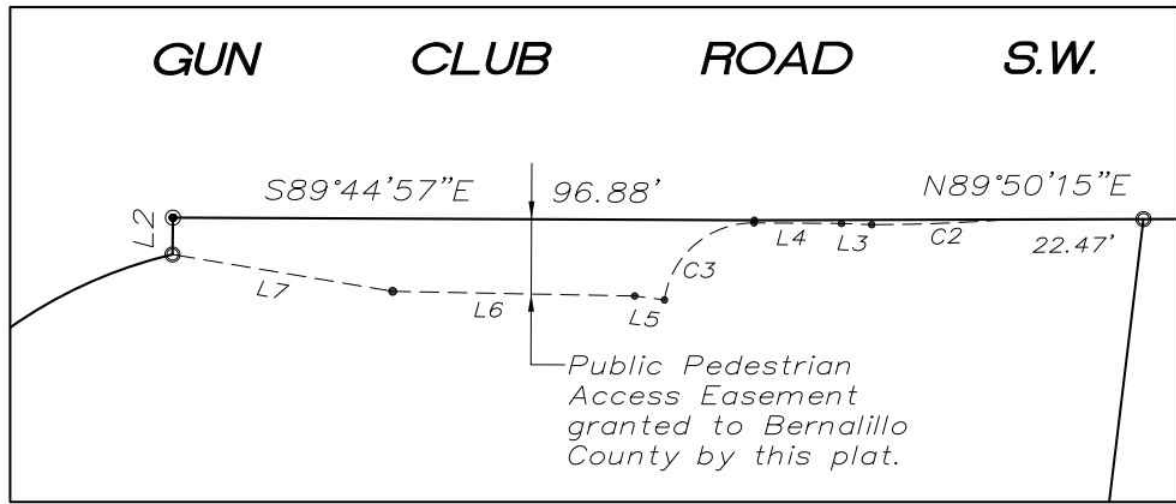
The foregoing instrument was acknowledged before me this _____

day of _____, 2015, by _____

Notary Public

My commission expires _____

PLAT OF
LOTS 1 AND 2
CIRCLE K SUBDIVISION NO. 2
(BEING A REPLAT OF TRACT B-1, BLAKE'S TRACT; TRACT A,
CIRCLE K TRACT AND TRACT 4-A-2-B-1, M.R.G.C.D. MAP 52)
SITUATE WITHIN
SECTION 15, TOWNSHIP 9 NORTH, RANGE 2 EAST
NEW MEXICO PRINCIPAL MERIDIAN
BERNALILLO COUNTY, NEW MEXICO
MARCH , 2015



DETAIL 'A'

Scale 1"=20'

DRAINAGE NOTES

A grading and drainage plan prepared by an engineer registered in the State of New Mexico may be required with future development of these lots.

Cross lot drainage must not be increased or impacted by development of these lots.

These lots must accept storm water runoff from adjacent roadways and properties as it currently exists.

No mass site grading, clearing or grubbing is allowed without an approved grading and drainage plan.

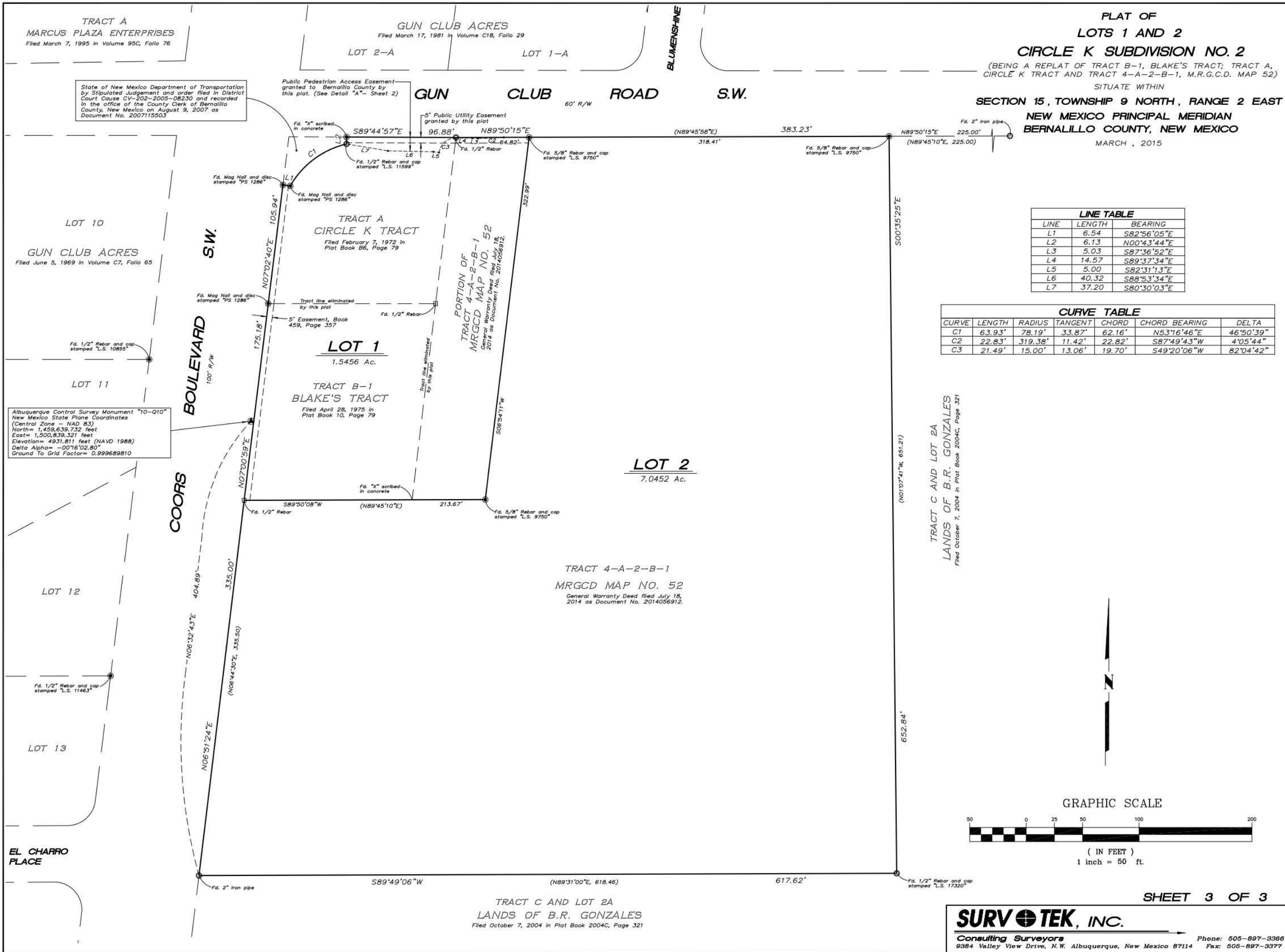
FLOOD ZONE DETERMINATION

The subject property (as shown herein) appears to lie within Zone "X" (Area determined to be outside the 0.2% annual chance floodplain) as shown on National Flood Insurance Program Flood Insurance Rate Map Number 35001C0339H, Map Revised August 16, 2012.

SHEET 2 OF 3

SURVOTEK, INC.
Consulting Surveyors
2084 Valley View Drive, N.E. Albuquerque, New Mexico 87114

Phone: 505-897-3368
Fax: 505-897-3077



SHEET 3 OF 3

SURVOTEK, INC.
Consulting Surveyors
2084 Valley View Drive, N.E. Albuquerque, New Mexico 87114

Phone: 505-897-3368
Fax: 505-897-3077

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ARCHITECTURAL SEAL		REVISIONS		NO. DATE		REMARKS		DESIGNED BY		DRAWN BY		CHECKED BY	
CONTRACTOR	DATE	WORK STARTED BY	DATE	FIELD ACCEPTANCE BY	DATE	FIELD CORRECTION BY	DATE	NO.	BY	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
SITING INFORMATION		SITE BENCHMARK #3		DESC: CUT SQUARE		LOCATION: 17.8'-N64°08'E		OF NE PROP. CORNER		ELEV: 4929.00' (NAD83)									

SUBMITTAL
DATE: XXXXXXXX

Project Name

PROJECT#

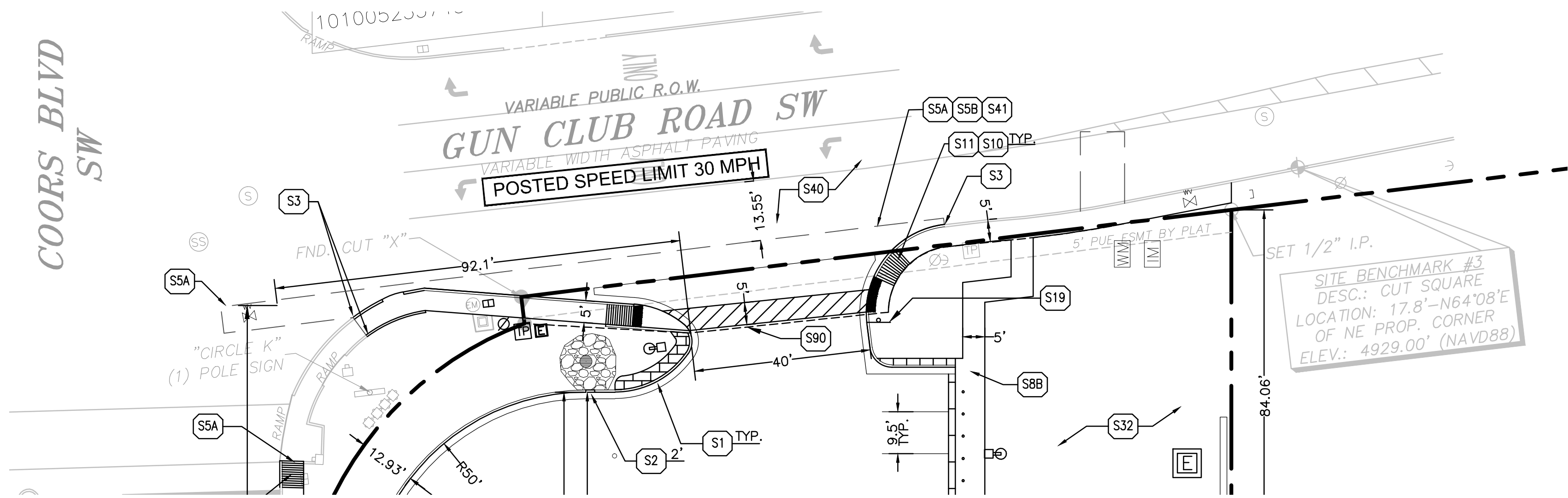
RECORD DRAWINGS
DATE:

GreenbergFarrow

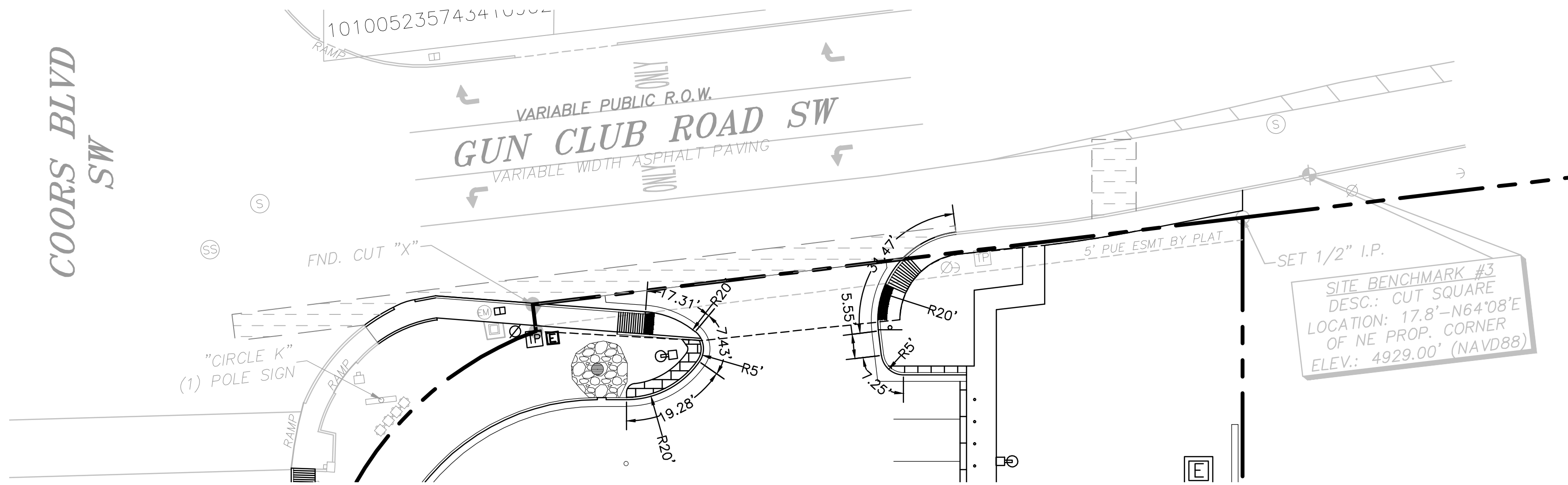
CITY OF ALBUQUERQUE
PUBLIC OF WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

PLAT

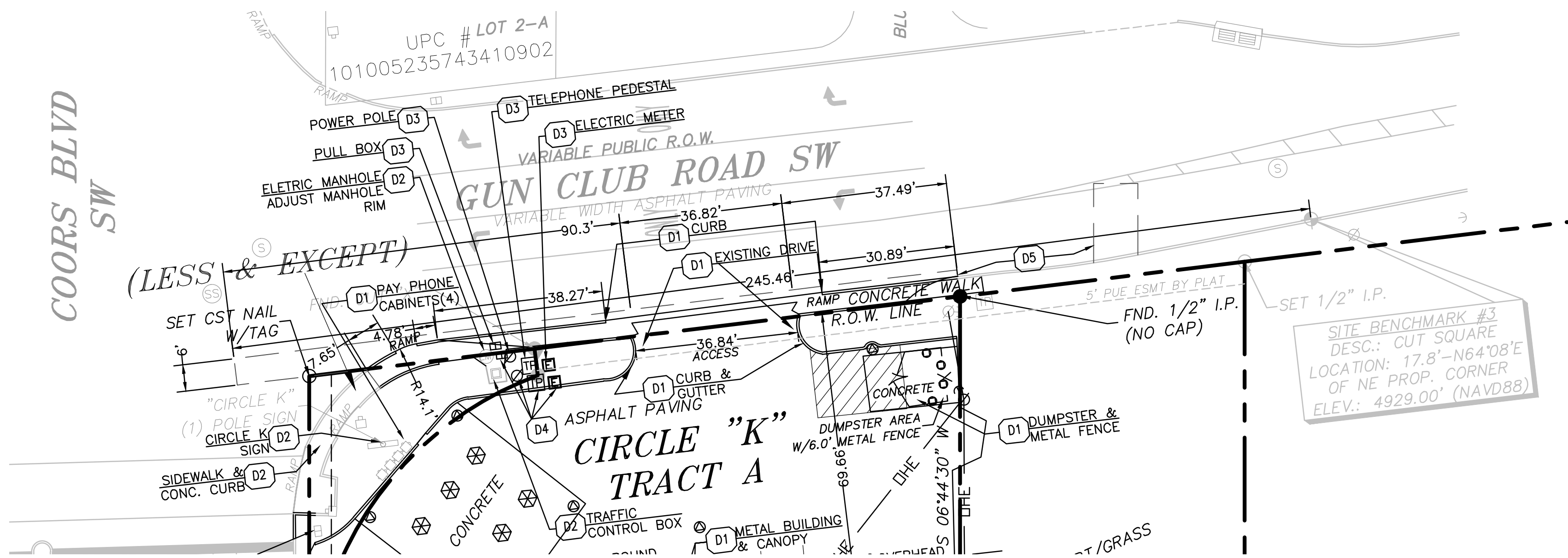
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of	
20140016		2	5	



SITE PLAN



PAVING PLAN



DEMOLITION PLAN

SITE KEY NOTES

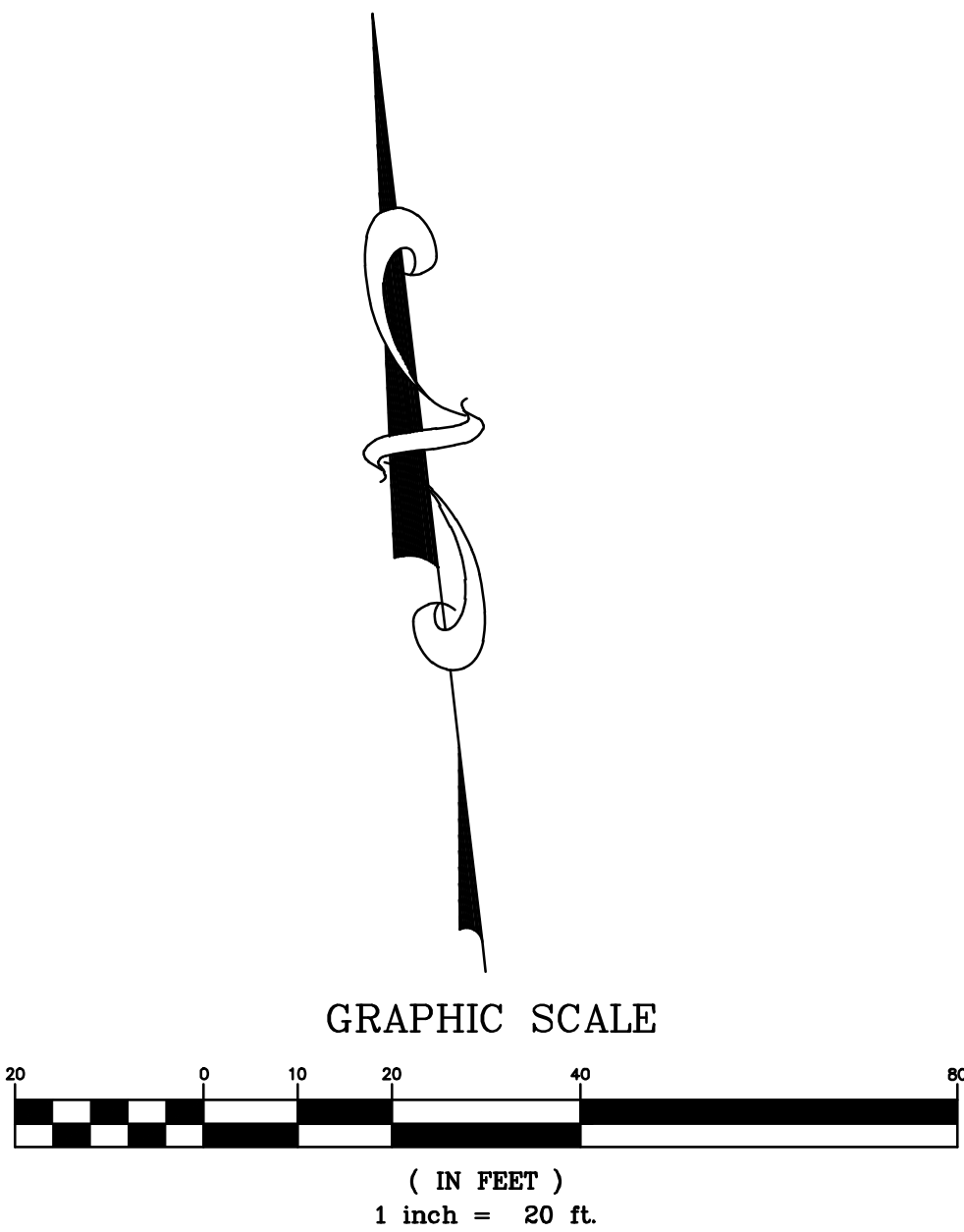
- S1 CONCRETE CURB & GUTTER
- S2 CURB CUT
- S3 TAPER CURB TO MATCH EXISTING.
- S5A LIMITS OF SAWCUT AND PAVEMENT REMOVAL.
- S5B MATCH EXISTING PAVEMENT/SIDEWALK ELEVATION.
- S8B TRH - INTEGRAL BLACK COLORED CONCRETE SIDEWALK
- S10 SIDEWALK RAMP @ 8.33% MAX.
- S11 DETECTABLE WARNINGS PER ADA REQUIREMENTS
- S19 "STOP" SIGN (REF. TRAFFIC CONTROL STANDARD R1-1 & SIGN POST DETAIL)
- S32 LANDSCAPE AREA (PER LANDSCAPE PLAN)
- S40 EXISTING PAVEMENT TO REMAIN.
- S90 PEDESTRIAN EASEMENT

PAVING KEY NOTES

- PROPOSED ASPHALT PAVING PER CITY'S STANDARD DWG. 2465
- PROPOSED CONCRETE DRIVEWAY PER CITY'S STANDARD DWG. 2420

DEMOLITION KEY NOTES

- D1 EXISTING TO BE REMOVED
- D2 EXISTING TO REMAIN
- D3 EXISTING TO BE RELOCATED
- D4 POINT OF RELOCATION
- D5 LIMITS OF SAWCUT AND FULL DEPTH PAVEMENT REMOVAL



NOTE: CONTRACTOR SHALL SUBMIT SEPARATE TRAFFIC CONTROL PLAN TO CITY OF ALBUQUERQUE FOR APPROVAL PRIOR TO CONSTRUCTION WORK IN CITY RIGHT OF WAY/ GUN CLUB RD.

REFER TO CITY OF ALBUQUERQUE PAVEMENT SECTION 2465 FOR ALL PAVEMENT IN THE RIGHT OF WAY



GreenbergFarrow

CITY OF ALBUQUERQUE
PUBLIC OF WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

SITE / PAVING / DEMO PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 20140016	Zone Map No.	Sheet 3	Of 5

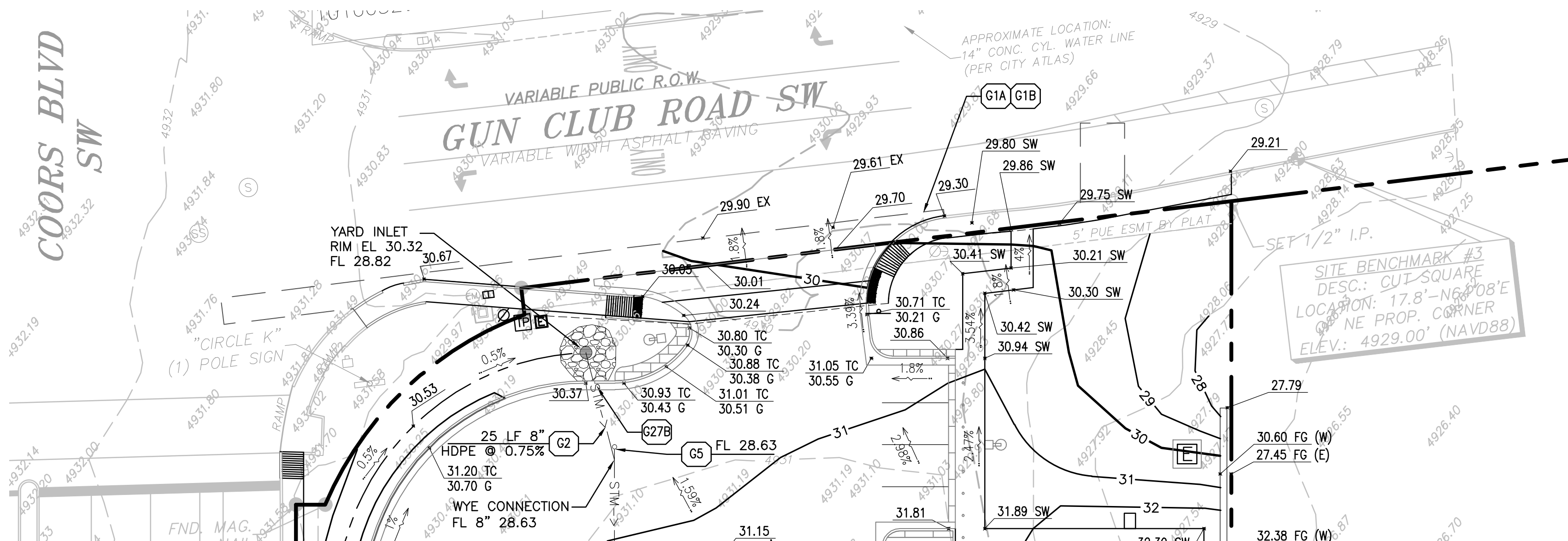
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ARCHITECTURAL SEAL		REVISIONS	
CONTRACTOR	DATE	SITE BENCHMARK #3	DATE	FIELD NOTES	BY				
INSPECTOR'S	DATE	DESC.: CUT SQUARE	DATE	NO.					
DESIGNANCE BY	DATE	LOCATION: 17.8'-N64°08'E	DATE						
VERIFICATION BY	DATE	OF NE PROP. CORNER	DATE						
DRAWN BY	DATE	ELEV.: 4929.00' (NAVD88)	DATE						
MICRO-FILM INFORMATION									
RECORDED BY	DATE								
NO.									

SUBMITTAL
DATE: XXXXXXXX

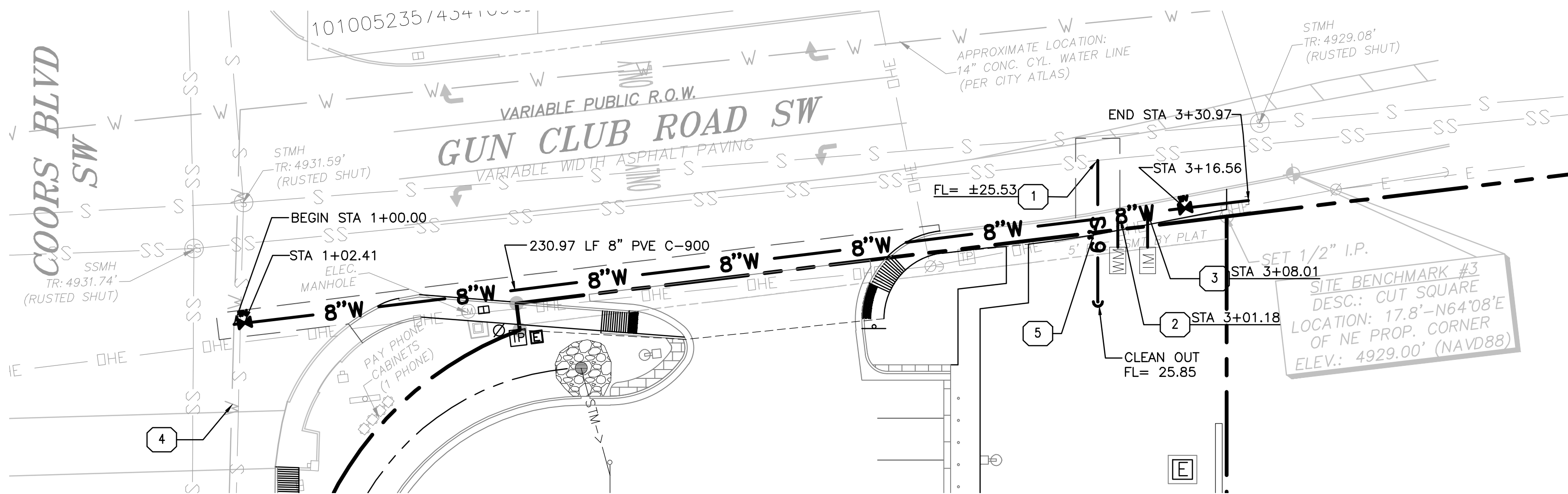
Project Name

PROJECT#

RECORD DRAWINGS
DATE:



GRADING PLAN



UTILITY PLAN



WATER VALVE MAP
N.T.S.

WATER VALVE SHUT-OFF NOTES:

1. IN ORDER TO NON-PRESSURIZE THE WATERLINE ON GUN CLUB RD. SW, VALVES 412, 413, 414 & 416 NEED TO BE SHUT OFF.
2. IN ORDER TO NON-PRESSURIZE THE WATERLINE ON COORS BLVD. SW, VALVES 412, 413, 414 & 416 NEED TO BE SHUT OFF.

GRADING KEY NOTES

- G1A MATCH EXISTING PAVEMENT ELEVATION.
- G1B LIMITS OF SAWCUT AND PAVEMENT REMOVAL
- G2 STORM SEWER (SEE NOTE FOR TYPE, SIZE AND SLOPE)
- G5 STORM SEWER CLEAN-OUT
- G27B CURB CUT WITH RIP RAP PAD

- PROPERTY LINE
- PROPOSED CURB & GUTTER
- PROPOSED CONTOUR
- DRAINAGE SLOPE AND DIRECTION

- XXXX SW SIDEWALK ELEVATION
- XXXX EX EXISTING SPOT ELEVATION
- XXXX TC TOP OF CURB
- XXXX G GUTTER

NOTE: ALL PROPOSED SPOT ELEVATIONS HAVE A BASE ELEVATION OF 4900 FEET

WATER METER NOTES:

IF APPLICABLE WATER METERS SHALL BE REMOVED BY ABC WATER DISTRICT AUTHORITY BOXES SHALL BE REMOVED BY CONTRACTOR.

PROPOSED LEGEND:

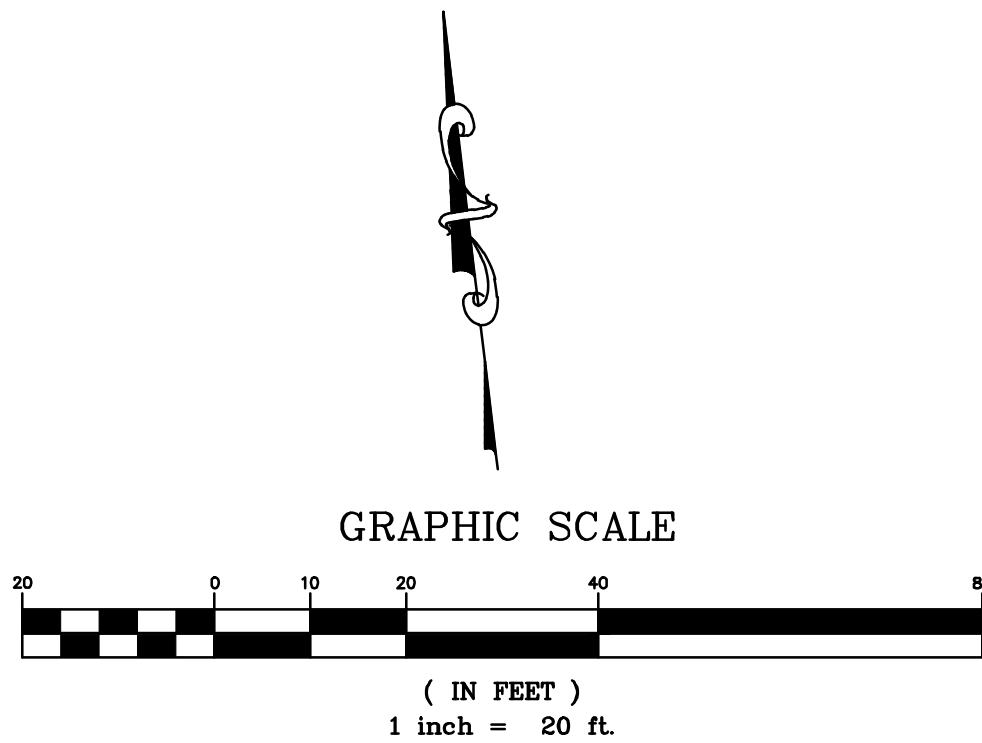
- PROPERTY LINE
- EASEMENT LINE
- PROPOSED CURB & GUTTER
- ELECTRIC LINES
- SANITARY SEWER LINES
- SANITARY SEWER LINES
- WATER MAIN
- OVER HEAD ELECTRIC LINES
- LIGHT POLES

UTILITY KEY NOTES:

1. INSTALL PRIVATE 6" SANITARY SEWER AND CONNECT TO EXISTING 12" SANITARY SEWER (SEE NOTE FOR INVERT, SLOPE & LENGTH) (PROJECT #26-4686.91-96)
2. INSTALL 1 1/2" DOMESTIC METERED WATER SERVICE LINE WITH METER BOX AND LID PER STD. DWG. 2361, STD. DWG. 2363 & STD. DWG. 2367 AT STA 3+01.18.
3. INSTALL 3/4" IRRIGATION METER BOX AND LID PER STD. DWG. 2361, STD. DWG. 2362 AND STA. DWG. 2366 AT STA 3+08.01
4. APPROX. LOCATION OF EXISTING 8" PVC DISTRIBUTION MAIN (PROJECT #26-5628.81-10) IN COORS BLVD.
5. MAINTAIN 18" MIN. SEPARATION

SANITARY SEWER CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON CONSTRUCTION BASELINE UNLESS INDICATED OTHERWISE
2. ALL SEWER PIPE SHALL BE PVC (SDR-35)
3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4. SEWER SERVICE LATERALS AND MAINS SHALL BE PROVIDED WITH ELECTRONIC MARKER DEVICES (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION, SECTION 170.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS; AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
7. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MAN HOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
8. ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "E" MANHOLES PER WATER AUTHORITY STD. DWG. 2102 UNLESS OTHERWISE NOTES.



WATER LINE CONSTRUCTION NOTES

1. ALL STATIONING IS BASED ON CONSTRUCTION BASELINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 DR18 PIPE OR AS APPROVE BY THE WATER AUTHORITY. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. WATER LINE SHALL HAVE A MINIMUM COVER OF 3'-0" (FINISHED GRADE TO TOP OF PIPE) FOR ALL LINES 12" OR SMALLER; 4'-0" MINIMUM COVER FOR LINES 14" OR LARGER. EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
4. ELECTRONIC MARKER DEVICES (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION, SECTION 170.
5. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
6. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATER LINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
7. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
10. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
11. ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATER LINE IS PUT INTO SERVICE BY THE WATER AUTHORITY PERSONNEL.
12. NEW WATER LINE INSTALLATIONS SHALL INCLUDE INSULATED 12 GAUGE COPPER TRACER WIRE INSTALLED CONTINUOUSLY ALONG THE PIPE WITH WATER-PROOF SPLICES BOXES AT JUNCTIONS AND TEES. TRACER WIRE SHALL BE ACCESSIBLE AT ALL VALVES AND SERVICES. TRACER WIRE INSTALLATION SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.



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CITY OF ALBUQUERQUE
PUBLIC OF WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

GRADING / UTILITY PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of	
20140016			4	5

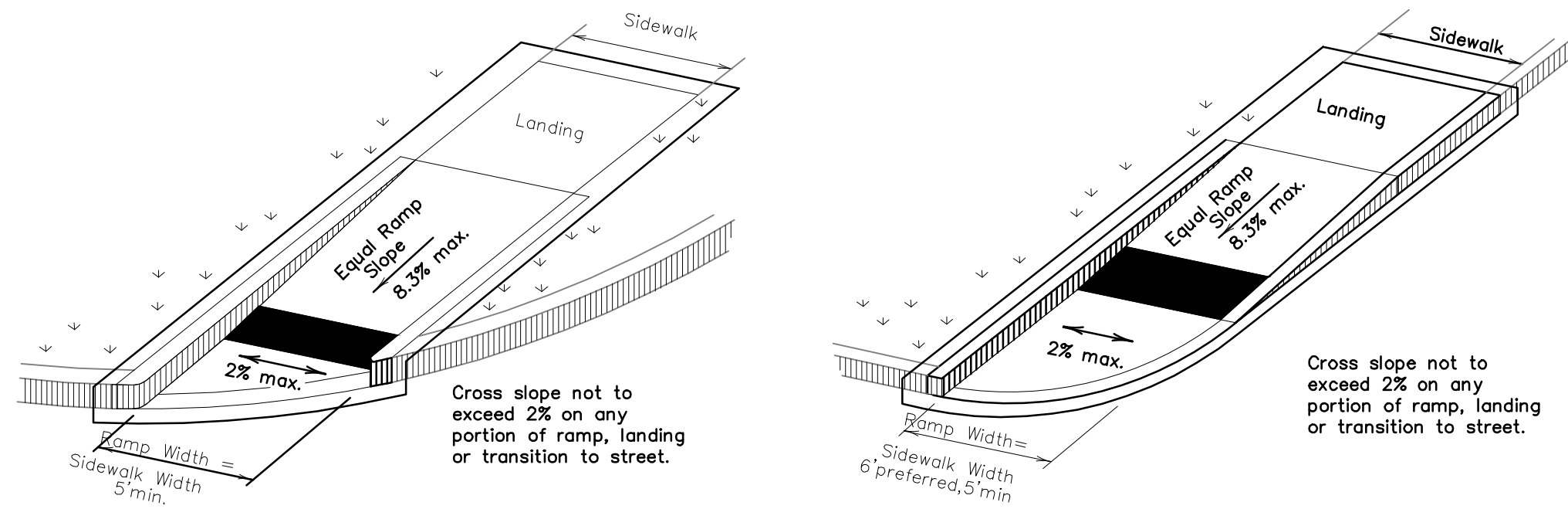
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CONTRACTOR	DATE	SITE BENCHMARK #3	DATE	FIELD NOTES	BY				
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VERIFICATION BY	DATE	LOCATION: 17.8'-N64°08'E	DATE						
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NO.									

SUBMITTAL
DATE: XXXXXXXX

Project Name

PROJECT#

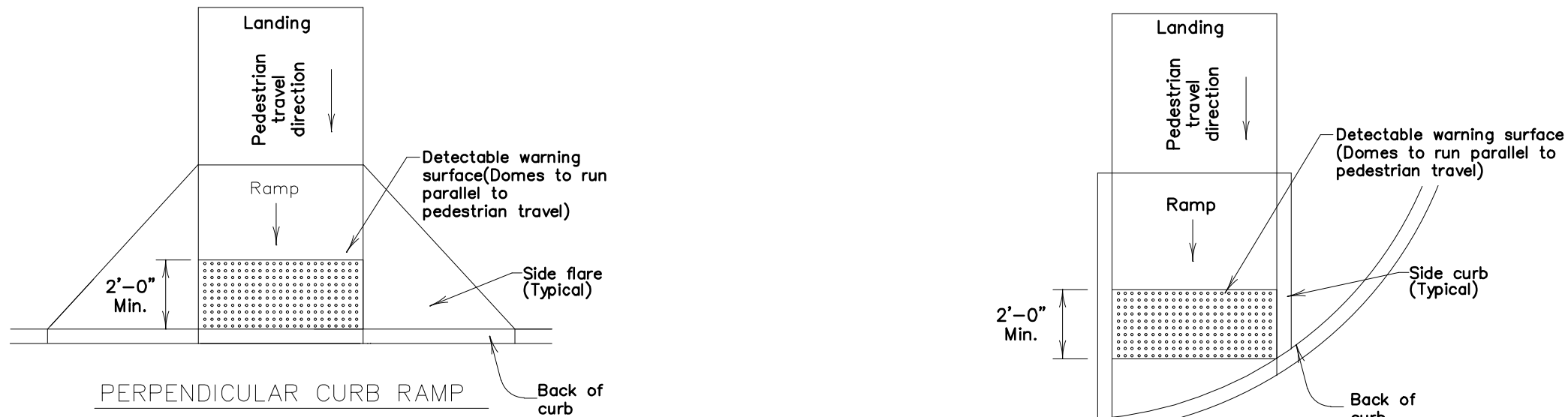
RECORD DRAWINGS
DATE:



(Sidewalk set back from curb)

(Sidewalk adjacent to curb)

DIRECTIONAL RAMPS WITHIN RADIUS

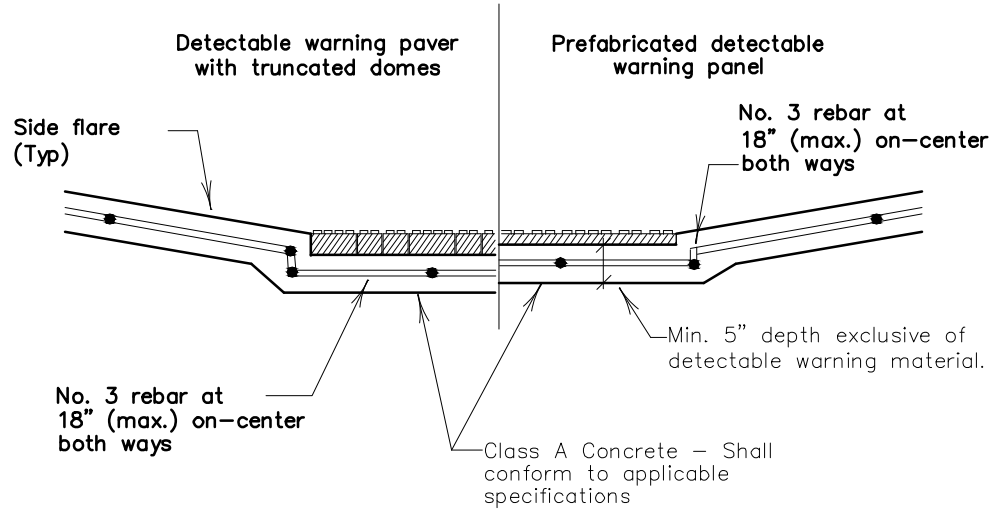


PERPENDICULAR CURB RAMP

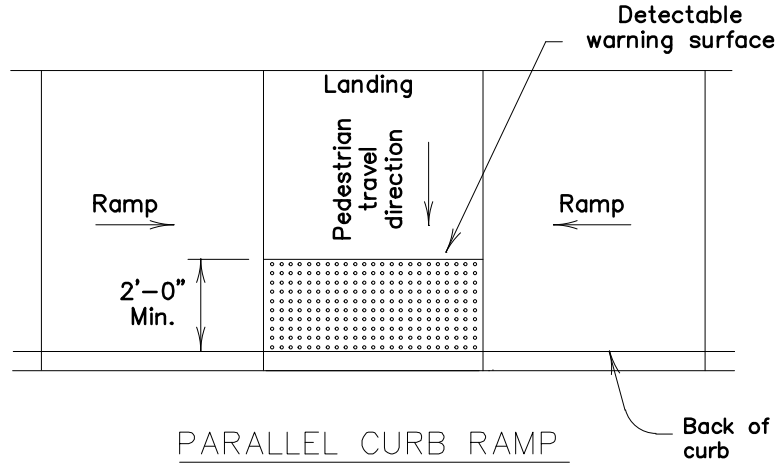
Typical placement of detectable warning surface on sloping ramp run.

DIRECTIONAL CURB RAMP

Typical placement of detectable warning surface on sloping ramp run.



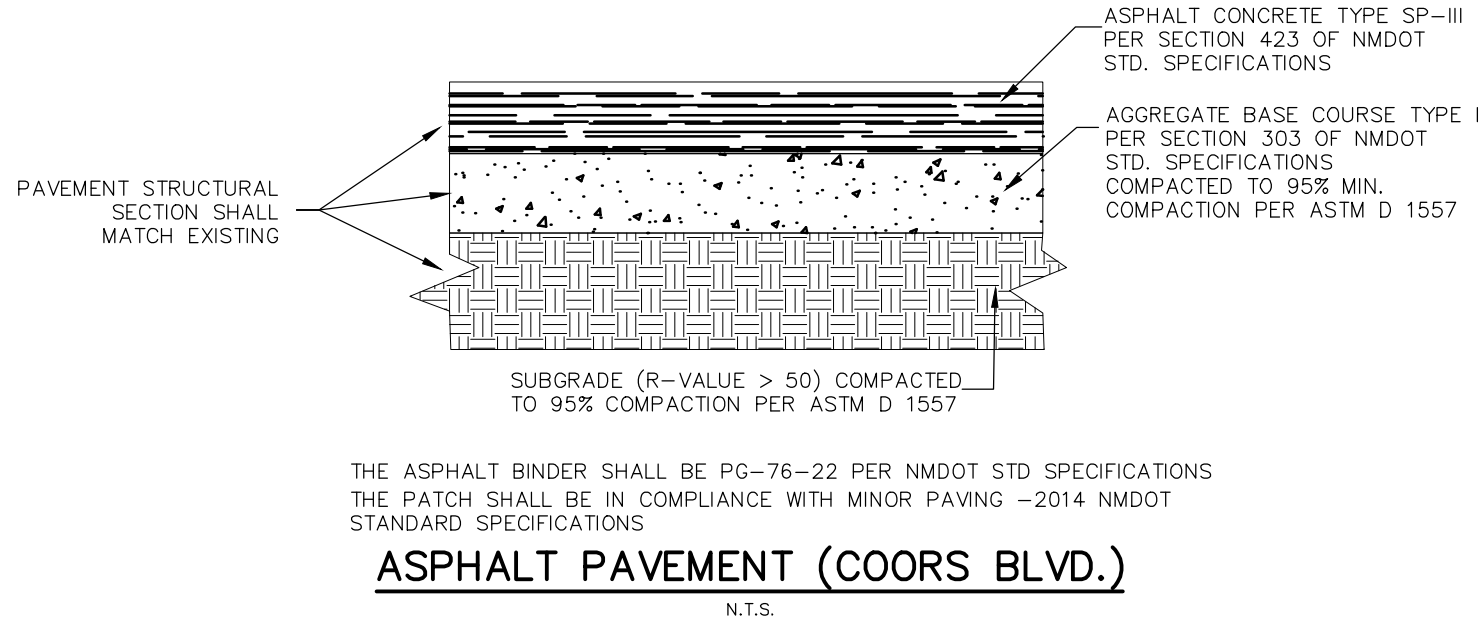
SECTION: CURB RAMP AT DETECTABLE WARNING



PARALLEL CURB RAMP

Typical placement of detectable warning surface on landing at street edge.

DETECTABLE WARNINGS



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PUBLIC OF WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

DETAIL SHEET

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of	
20140016		5	5	

REVISIONS		ARCHITECTURAL SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION			
				FIELD NOTES		SITE BENCHMARK #3					
				NO.	BY	DATE	DESC.: CUT SQUARE				
								LOCATION: 17.8'-N64°08'E			
								OF NE PROP. CORNER			
								ELEV.: 4929.00' (NAVD88)			
								MICRO-FILM INFORMATION			
								RECORDED BY			
DESIGNED BY	DATE							NO.			
DRAWN BY	DATE										
CHECKED BY	DATE										

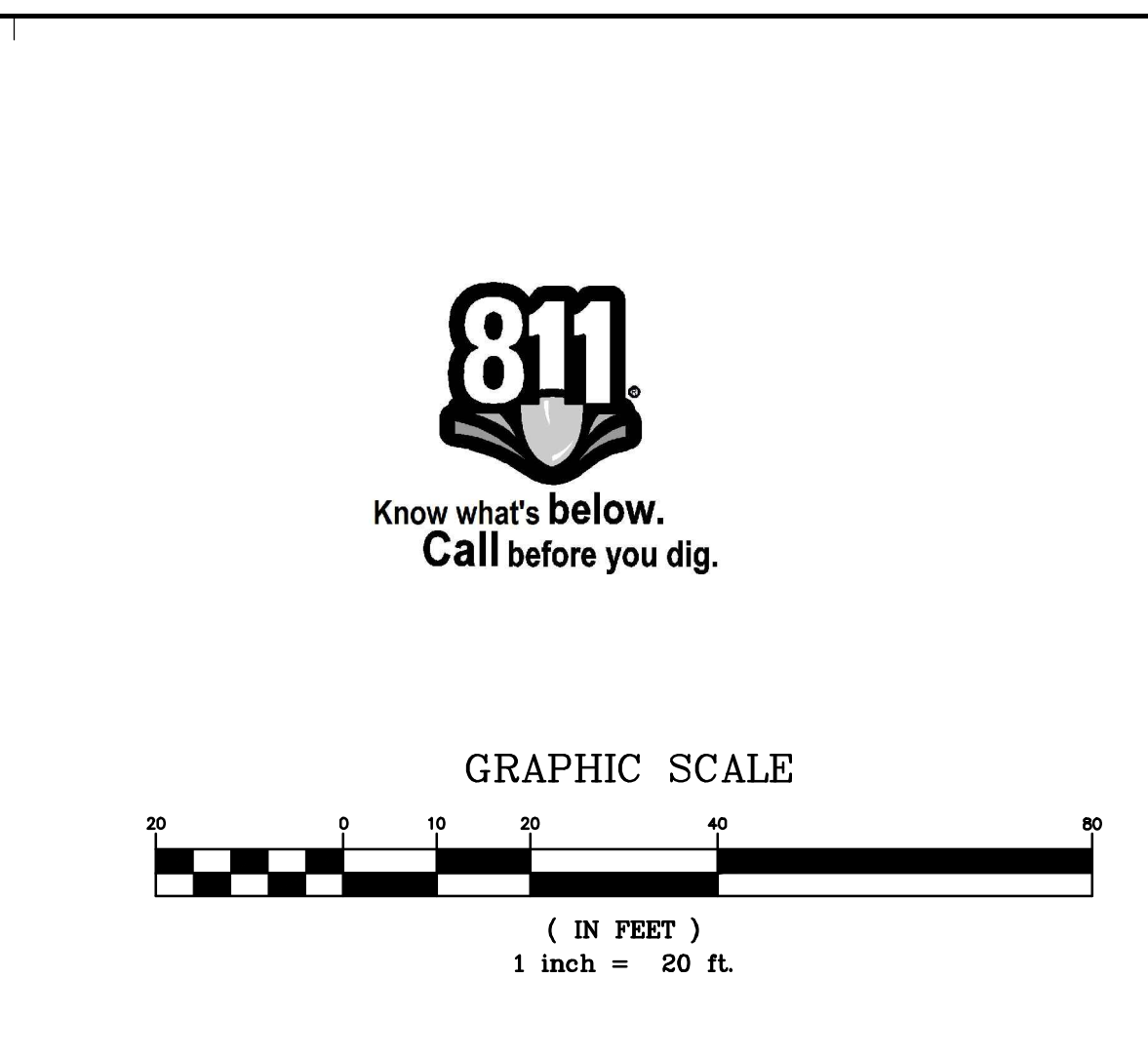
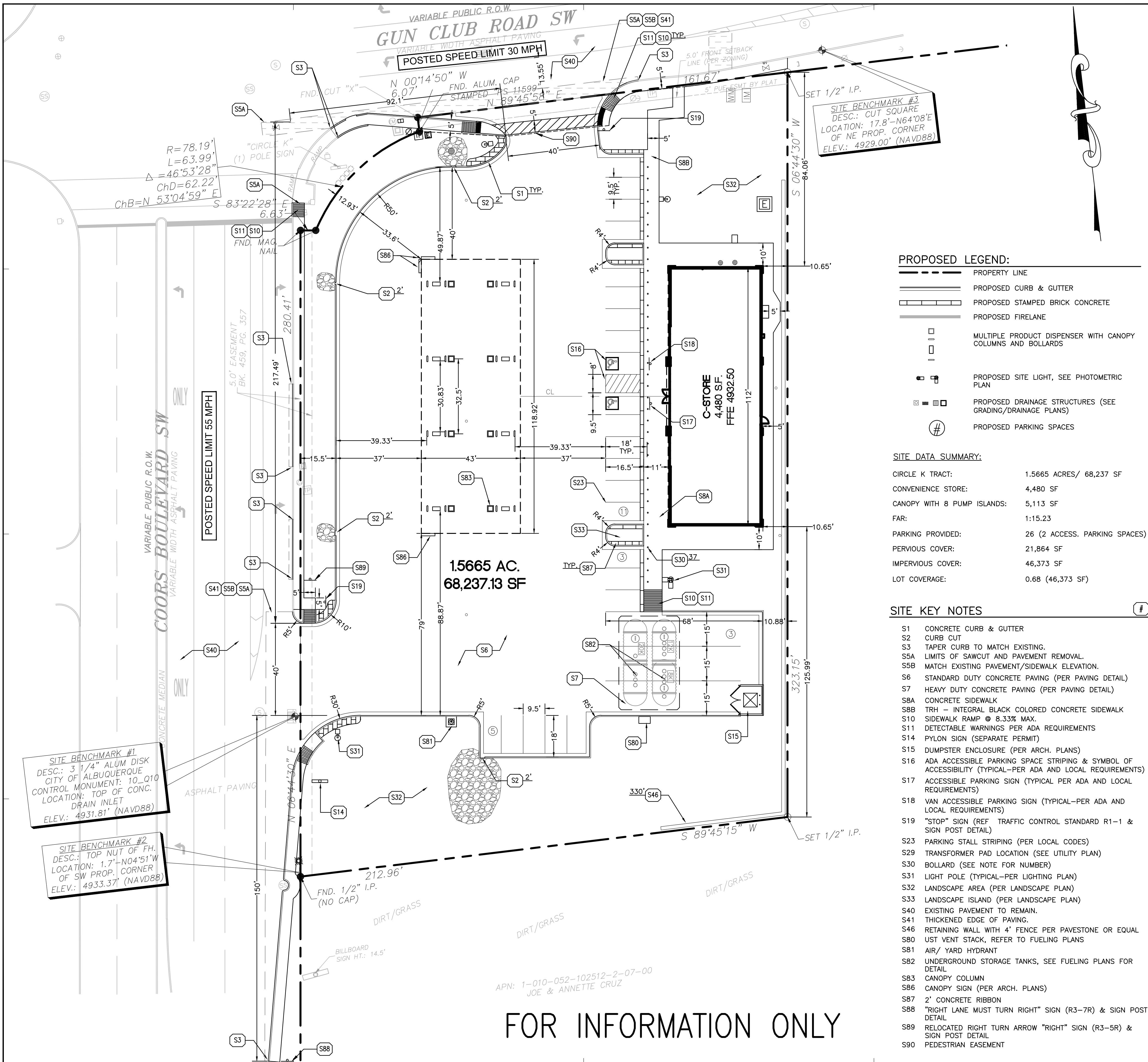
BENCH MARKS
SITE BENCHMARK #3
DESC.: CUT SQUARE
LOCATION: 17.8' - N64°08'E
OF NE PROP. CORNER
ELEV.: 4929.00' (MMVB88)

RECORD DRAWINGS
DATE:

Project Name

PROJECT#

SUBMITTAL
DATE: XXXX/XXXX



PROPOSED LEGEND:

---	PROPERTY LINE
---	PROPOSED CURB & GUTTER
---	PROPOSED STAMPED BRICK CONCRETE
---	PROPOSED FIRELANE
---	MULTIPLE PRODUCT DISPENSER WITH CANOPY COLUMNS AND BOLLARDS
---	PROPOSED SITE LIGHT, SEE PHOTOMETRIC PLAN
---	PROPOSED DRAINAGE STRUCTURES (SEE GRADING/DRAINAGE PLANS)
---	PROPOSED PARKING SPACES

SITE DATA SUMMARY:

CIRCLE K TRACT:	1.5665 ACRES/ 68,237 SF
CONVENIENCE STORE:	4,480 SF
CANOPY WITH 8 PUMP ISLANDS:	5,113 SF
FAR:	1:15.23
PARKING PROVIDED:	26 (2 ACCESS. PARKING SPACES)
PERVIOUS COVER:	21,864 SF
IMPERVIOUS COVER:	46,373 SF
LOT COVERAGE:	0.68 (46,373 SF)

SITE KEY NOTES

S1	CONCRETE CURB & GUTTER
S2	CURB CUT
S3	TAPER CURB TO MATCH EXISTING.
S5A	LIMITS OF SAWCUT AND PAVEMENT REMOVAL.
S5B	MATCH EXISTING PAVEMENT/SIDEWALK ELEVATION.
S6	STANDARD DUTY CONCRETE PAVING (PER PAVING DETAIL)
S7	HEAVY DUTY CONCRETE PAVING (PER PAVING DETAIL)
S8A	CONCRETE SIDEWALK
S8B	TRH - INTEGRAL BLACK COLORED CONCRETE SIDEWALK
S10	SIDEWALK RAMP @ 8.33% MAX.
S11	DETECTABLE WARNINGS PER ADA REQUIREMENTS
S14	PYLON SIGN (SEPARATE PERMIT)
S15	DUMPSTER ENCLOSURE (PER ARCH. PLANS)
S16	ADA ACCESSIBLE PARKING SPACE STRIPING & SYMBOL OF ACCESSIBILITY (TYPICAL-PER ADA AND LOCAL REQUIREMENTS)
S17	ACCESSIBLE PARKING SIGN (TYPICAL PER ADA AND LOCAL REQUIREMENTS)
S18	VAN ACCESSIBLE PARKING SIGN (TYPICAL-PER ADA AND LOCAL REQUIREMENTS)
S19	"STOP" SIGN (REF. TRAFFIC CONTROL STANDARD R1-1 & SIGN POST DETAIL)
S23	PARKING STALL STRIPING (PER LOCAL CODES)
S29	TRANSFORMER PAD LOCATION (SEE UTILITY PLAN)
S30	BOLLARD (SEE NOTE FOR NUMBER)
S31	LIGHT POLE (TYPICAL-PER LIGHTING PLAN)
S32	LANDSCAPE AREA (PER LANDSCAPE PLAN)
S33	LANDSCAPE ISLAND (PER LANDSCAPE PLAN)
S40	EXISTING PAVEMENT TO REMAIN.
S41	THICKENED EDGE OF PAVING.
S46	RETAINING WALL WITH 4' FENCE PER PAVESTONE OR EQUAL
S80	UST VENT STACK, REFER TO FUELING PLANS
S81	AIR/ YARD HYDRANT
S82	UNDERGROUND STORAGE TANKS, SEE FUELING PLANS FOR DETAIL
S83	CANOPY COLUMN
S86	CANOPY SIGN (PER ARCH. PLANS)
S87	2' CONCRETE RIBBON
S88	"RIGHT LANE MUST TURN RIGHT" SIGN (R3-7R) & SIGN POST DETAIL
S89	RELOCATED RIGHT TURN ARROW "RIGHT" SIGN (R3-5R) & SIGN POST DETAIL
S90	PEDESTRIAN EASEMENT

EXISTING LEGEND:

---	PROPERTY LINE
---	PROPOSED CURB & GUTTER
---	PROPOSED STAMPED BRICK CONCRETE
---	PROPOSED FIRELANE
---	MULTIPLE PRODUCT DISPENSER WITH CANOPY COLUMNS AND BOLLARDS
---	PROPOSED SITE LIGHT, SEE PHOTOMETRIC PLAN
---	PROPOSED DRAINAGE STRUCTURES (SEE GRADING/DRAINAGE PLANS)
---	PROPOSED PARKING SPACES

LIST OF ABBREVIATIONS

U/G - UNDERGROUND	APPROX. - APPROXIMATE
HC - HANDICAPPED CONC. - CONCRETE	RET. - RETAINING
1/2" IRON PIN SET	SAN. - SANITARY
TELE. PED.	ASPH. - ASPHALT
ELEC. PEDESTAL	TYP. - TYPICAL
WATER VALVE	BLDG. - BUILDING
POWER POLE	PED. - PEDESTAL
PULL BOX	G/R - GAS REGULATOR
FIRE HYDRANT	G/A - GROUND LIGHT
STOCKADE FENCE	TRANS. - TRANSFORMER
ESMT. - EASEMENT	F.F. - FINISHED FLOOR
A/S - AUTO-SPRINKLER	CL - CENTER LINE
DIST. - DISTANCE	R.O.W. - RIGHT-OF-WAY
BRNG. - BEARING	FCE - FENCE
W/UGS - WITH UNDERGROUND SERVICE	DIA. - DIAMETER
MON. - MONITOR WELL	B/L - BUILDING SETBACK LINE
STAT. - STATUTORY	ESMT. - EASEMENT
M - MEASURED	A/S - AUTO-SPRINKLER
P - PLAT DIMENSION	DIST. - DISTANCE
R - RECORD DIMENSION	BRNG. - BEARING
RD. - ROOF DRAIN	W/UGS - WITH UNDERGROUND SERVICE
P.O.M. - POINT OF MEASUREMENT	MON. - MONITOR WELL
FL - FLOW LINE	STAT. - STATUTORY
TR - TOP OF RIM	M - MEASURED

- GENERAL SITE NOTES:**
- CONTRACTOR MUST SECURE ALL NECESSARY PERMITS PRIOR TO STARTING WORK.
 - IF THE CONTRACTOR, IN THE COURSE OF THE WORK, FINDS ANY DISCREPANCIES BETWEEN THE PLANS AND THE PHYSICAL CONDITIONS OF THE LOCALITY, OR ANY ERRORS OR OMISSIONS IN THE PLANS OR IN THE LAYOUT AS GIVEN BY THE ENGINEER, IT SHALL BE HIS DUTY TO IMMEDIATELY INFORM THE ENGINEER, IN WRITING, AND THE ENGINEER WILL PROMPTLY VERIFY THE SAME. ANY WORK DONE AFTER SUCH A DISCOVERY, UNTIL AUTHORIZED, WILL BE AT THE CONTRACTOR'S RISK.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS, AND DIMENSIONS SHOWN HEREON BEFORE BEGINNING CONSTRUCTION.
 - ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE STATE AND LOCAL GOVERNMENT AGENCY LATEST CONSTRUCTION SPECIFICATIONS AND DETAILS.
 - ALL HANDICAP SITE FEATURES SHALL BE CONSTRUCTED TO MEET ALL FEDERAL, STATE AND LOCAL CODES.
 - NOTIFY THE CITY INSPECTOR TWENTY-FOUR (24) HOURS BEFORE BEGINNING EACH PHASE OF CONSTRUCTION.
 - THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, REFERENCE POINTS, AND STAKES.
 - ARCHITECTURAL PLANS ARE TO BE USED FOR BUILDING STAKE OUT.
 - ALL DIMENSIONS ARE FROM FACE OF BUILDING, CURB, AND WALL UNLESS OTHERWISE SPECIFIED ON PLANS.
 - CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
 - CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE CONTRACT LIMITS DUE TO CONSTRUCTION OPERATION.
 - ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURB AND GUTTERS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
 - ALL ROAD WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STATE AND LOCAL GOVERNMENT AGENCY SPECIFICATIONS.
 - STANDARD/HEAVY DUTY PAVEMENT AND CONCRETE SECTIONS SHALL FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT PREPARED BY TERRACON CONSULTANTS, INC., DATED JAN 31, 2014. SEE CIVIL DETAILS.
 - ALL CURB RADII SHALL BE 5' UNLESS OTHERWISE NOTED ON THE PLANS.
 - ALL SIDEWALK FEATURES SHALL COMPLY WITH PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG)

GreenbergFarrow
CO.#:
5500 Democracy Dr. Suite 125
Plano, TX 75024
t: 972 514 7641

PROJECT TEAM

ISSUE/REVISION RECORD

DATE	DESCRIPTION
11-13-14	Bern. County 1st Submittal
12-15-14	Bern. County 2nd Submittal
02-10-15	DRC 1st Submittal
03-24-15	DRC 2nd Submittal

PROFESSIONAL IN CHARGE
FARMAN SHIR, PE
PROFESSIONAL ENGINEER
LICENSE NO. 21307

PROJECT MANAGER
MARLEY PHILLIPS

QUALITY CONTROL
KIEW KAM, PE

DRAWN BY
KIEW KAM, PE

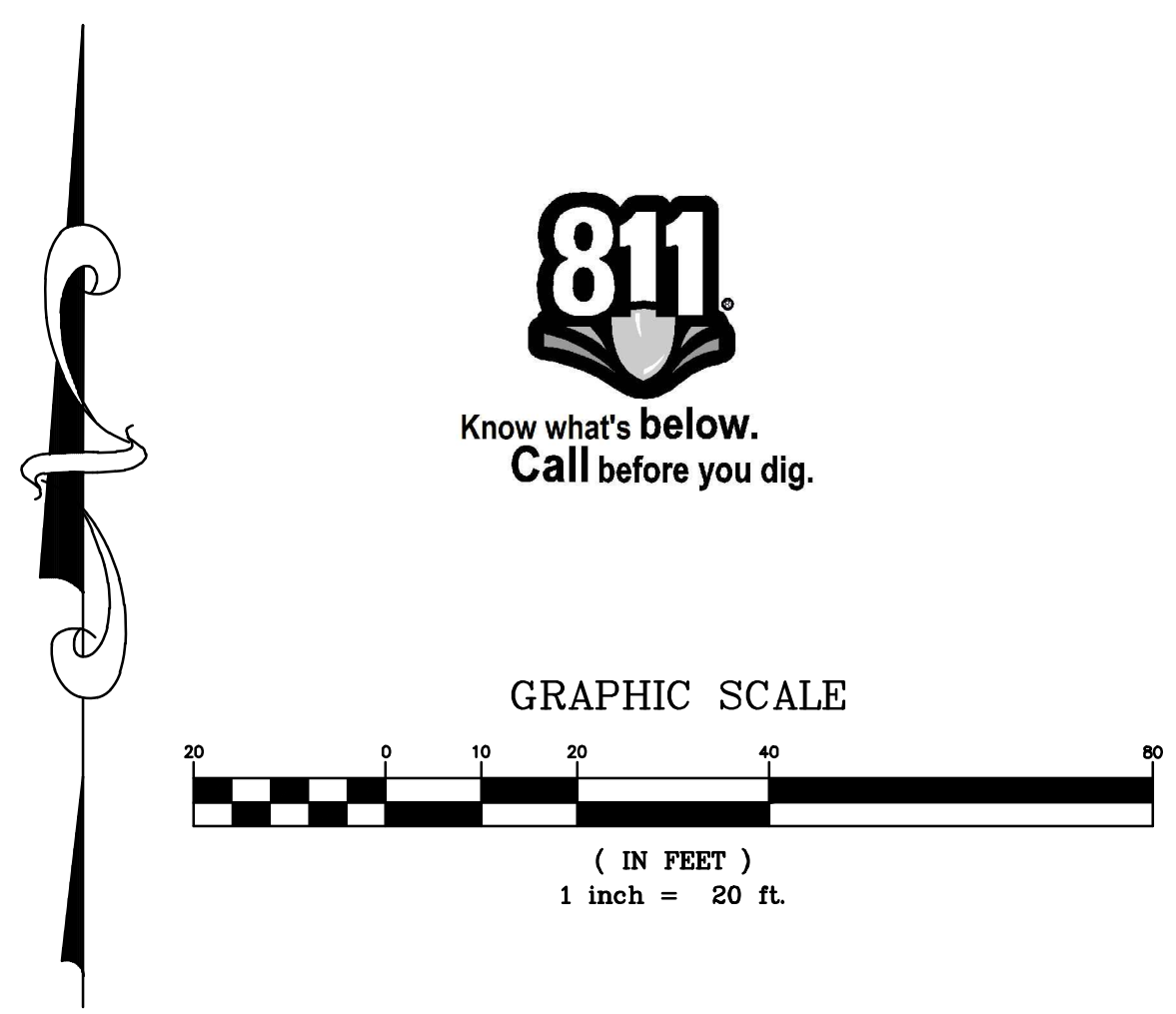
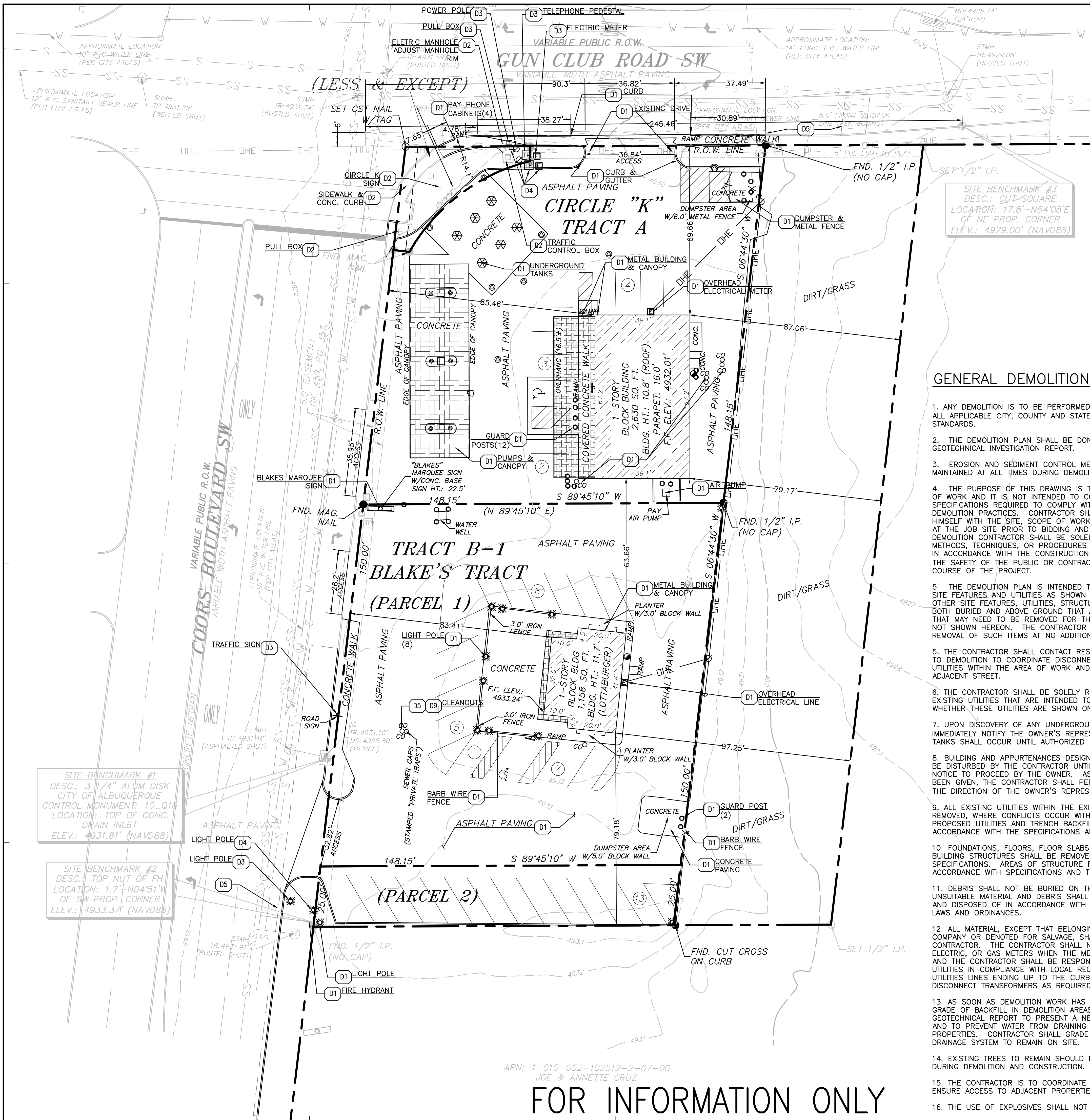
PROJECT NAME
CIRCLE K

BERNALILLO COUNTY
NEW MEXICO
4400 COORS BLVD. SW
ALBUQUERQUE, NM 87121

PROJECT NUMBER
20130791

SHEET TITLE
OVERALL SITE PLAN

SHEET NUMBER
C-1.0



EXISTING LEGEND:	

LIST OF ABBREVIATIONS	
U/G - UNDERGROUND	RET. - RETAINING
HC - HANDICAPPED	APPROX. - APPROXIMATE
CONC. - CONCRETE	SAN. - SANITARY
BLDG. - BUILDING	ASPH. - ASPHALT
PLTR. - PLANTER	TYP. - TYPICAL
PED. - PEDESTAL	BLDG. - BUILDING
G/R - GAS REGULATOR	G/A - GAS VALVE
TRANS. - TRANSFORMER	F.F. - FINISHED FLOOR
CL - CENTER LINE	R.O.W. - RIGHT-OF-WAY
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B/L - BUILDING SETBACK LINE	A/S - AUTO-SPRINKLER
ESMT. - EASEMENT	DIST. - DISTANCE
BRNG. - BEARING	W/UGS - WITH UNDERGROUND SERVICE
MW - MONITOR WELL	STAT. - STATUTORY
M - MEASURED	P - PLAT DIMENSION
IP - IRON GRATE	R - RECORD DIMENSION
RD - ROOF DRAIN	P.O.M. - POINT OF MEASUREMENT
FL - FLOW LINE	TR - TOP OF RIM

- ### GENERAL DEMOLITION NOTES:
1. ANY DEMOLITION IS TO BE PERFORMED IN STRICT CONFORMANCE WITH ALL APPLICABLE CITY, COUNTY AND STATE, AND/OR GOVERNING BODY'S STANDARDS.
 2. THE DEMOLITION PLAN SHALL BE DONE IN CONJUNCTION WITH THE GEOTECHNICAL INVESTIGATION REPORT.
 3. EROSION AND SEDIMENT CONTROL MEASUREMENTS SHALL BE MAINTAINED AT ALL TIMES DURING DEMOLITION.
 4. THE PURPOSE OF THIS DRAWING IS TO CONVEY THE OVERALL SCOPE OF WORK AND IT IS NOT INTENDED TO COVER ALL DETAILS OR SPECIFICATIONS REQUIRED TO COMPLY WITH GENERALLY ACCEPTED DEMOLITION PRACTICES. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE SITE, SCOPE OF WORK, AND ALL EXISTING CONDITIONS AT THE JOB SITE PRIOR TO BIDDING AND COMMENCING THE WORK. THE DEMOLITION CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, OR PROCEDURES USED TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND IS LIABLE FOR THE SAFETY OF THE PUBLIC OR CONTRACTOR'S EMPLOYEES DURING THE COURSE OF THE PROJECT.
 5. THE DEMOLITION PLAN IS INTENDED TO SHOW REMOVAL OF KNOWN SITE FEATURES AND UTILITIES AS SHOWN ON THE SURVEY. THERE MAY BE OTHER SITE FEATURES, UTILITIES, STRUCTURES, AND MISCELLANEOUS ITEMS BOTH BURIED AND ABOVE GROUND THAT ARE WITHIN THE LIMITS OF WORK THAT MAY NEED TO BE REMOVED FOR THE PROPOSED PROJECT THAT ARE NOT SHOWN HEREON. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF SUCH ITEMS AT NO ADDITIONAL COST TO THE OWNER.
 5. THE CONTRACTOR SHALL CONTACT RESPECTIVE UTILITY COMPANIES PRIOR TO DEMOLITION TO COORDINATE DISCONNECTION AND REMOVAL OF EXISTING UTILITIES WITHIN THE AREA OF WORK AND UP TO THE CURB OF AN ADJACENT STREET.
 6. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES THAT ARE INTENDED TO CONTINUE TO PROVIDE SERVICE WHETHER THESE UTILITIES ARE SHOWN ON THE PLAN OR NOT.
 7. UPON DISCOVERY OF ANY UNDERGROUND TANKS, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE. NO REMOVAL OF TANKS SHALL OCCUR UNTIL AUTHORIZED BY OWNER.
 8. BUILDING AND APPURTENANCES DESIGNATED FOR DEMOLITION SHALL NOT BE DISTURBED BY THE CONTRACTOR UNTIL HE HAS FURNISHED WITH NOTICE TO PROCEED BY THE OWNER. AS SOON AS SUCH NOTICE HAS BEEN GIVEN, THE CONTRACTOR SHALL PERFORM THE DEMOLITION, UNDER THE DIRECTION OF THE OWNER'S REPRESENTATIVE.
 9. ALL EXISTING UTILITIES WITHIN THE EXISTING BUILDING ARE TO BE REMOVED, WHERE CONFLICTS OCCUR WITH GRADE, BEAMS, PILES, PROPOSED UTILITIES AND TRENCH BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS AND GEOTECHNICAL REPORT.
 10. FOUNDATIONS, FLOORS, FLOOR SLABS, AND ANY OTHER UNDERGROUND BUILDING STRUCTURES SHALL BE REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS. AREAS OF STRUCTURE REMOVAL SHALL BE BACKFILLED IN ACCORDANCE WITH SPECIFICATIONS AND THE GEOTECHNICAL REPORT.
 11. DEBRIS SHALL NOT BE BURIED ON THE SUBJECT SITE. ALL UNSUITABLE MATERIAL AND DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH ALL CITY, STATE, AND FEDERAL LAWS AND ORDINANCES.
 12. ALL MATERIAL, EXCEPT THAT BELONGING TO A PUBLIC UTILITY COMPANY OR DENOTED FOR SALVAGE, SHALL BECOME PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE OWNER OF WATER, ELECTRIC, OR GAS METERS WHEN THE METERS ARE READY FOR REMOVAL, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING ALL UTILITIES IN COMPLIANCE WITH LOCAL REQUIREMENTS, AND REMOVING THE UTILITIES LINES ENDING UP TO THE CURB FOR AN ADJACENT STREET. DISCONNECT TRANSFORMERS AS REQUIRED FOR BUILDING DEMOLITION.
 13. AS SOON AS DEMOLITION WORK HAS BEEN COMPLETED, THE FINAL GRADE OF BACKFILL IN DEMOLITION AREAS SHALL BE COMPACTED PER THE GEOTECHNICAL REPORT TO PRESENT A NEAT, WELL DRAINED APPEARANCE, AND TO PREVENT WATER FROM DRAINING UNNECESSARILY ONTO ADJACENT PROPERTIES. CONTRACTOR SHALL GRADE SITE TO EXISTING STORM DRAINAGE SYSTEM TO REMAIN ON SITE.
 14. EXISTING TREES TO REMAIN SHOULD BE PROTECTED FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION.
 15. THE CONTRACTOR IS TO COORDINATE WORK IN THIS PROJECT TO ENSURE ACCESS TO ADJACENT PROPERTIES AT ALL TIMES.
 16. THE USE OF EXPLOSIVES SHALL NOT BE PERMITTED.

- ### DEMOLITION KEY NOTES
- | | |
|----|--|
| D1 | EXISTING TO BE REMOVED |
| D2 | EXISTING TO REMAIN |
| D3 | EXISTING TO BE RELOCATED |
| D4 | POINT OF RELOCATION |
| D5 | LIMITS OF SAWCUT AND FULL DEPTH PAVEMENT REMOVAL |
| D9 | CONTRACTOR TO COORDINATE WITH NEW MEXICO ENVIRONMENT DEPARTMENT FOR REMOVAL AND/OR POINT OF CONNECTION |

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PROJECT TEAM

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NEW MEXICO

21307

03/25/15

PROFESSIONAL IN CHARGE

FARMAN SHIR, PE

PROFESSIONAL ENGINEER
LICENSE NO. 21307

PROJECT MANAGER

MARLEY PHILLIPS

QUALITY CONTROL

KIEW KAM, PE

DRAWN BY

KIEW KAM, PE

PROJECT NAME

CIRCLE K

BERNALILLO COUNTY

NEW MEXICO

4400 COORS BLVD. SW

ALBUQUERQUE, NM 87121

PROJECT NUMBER

20130791

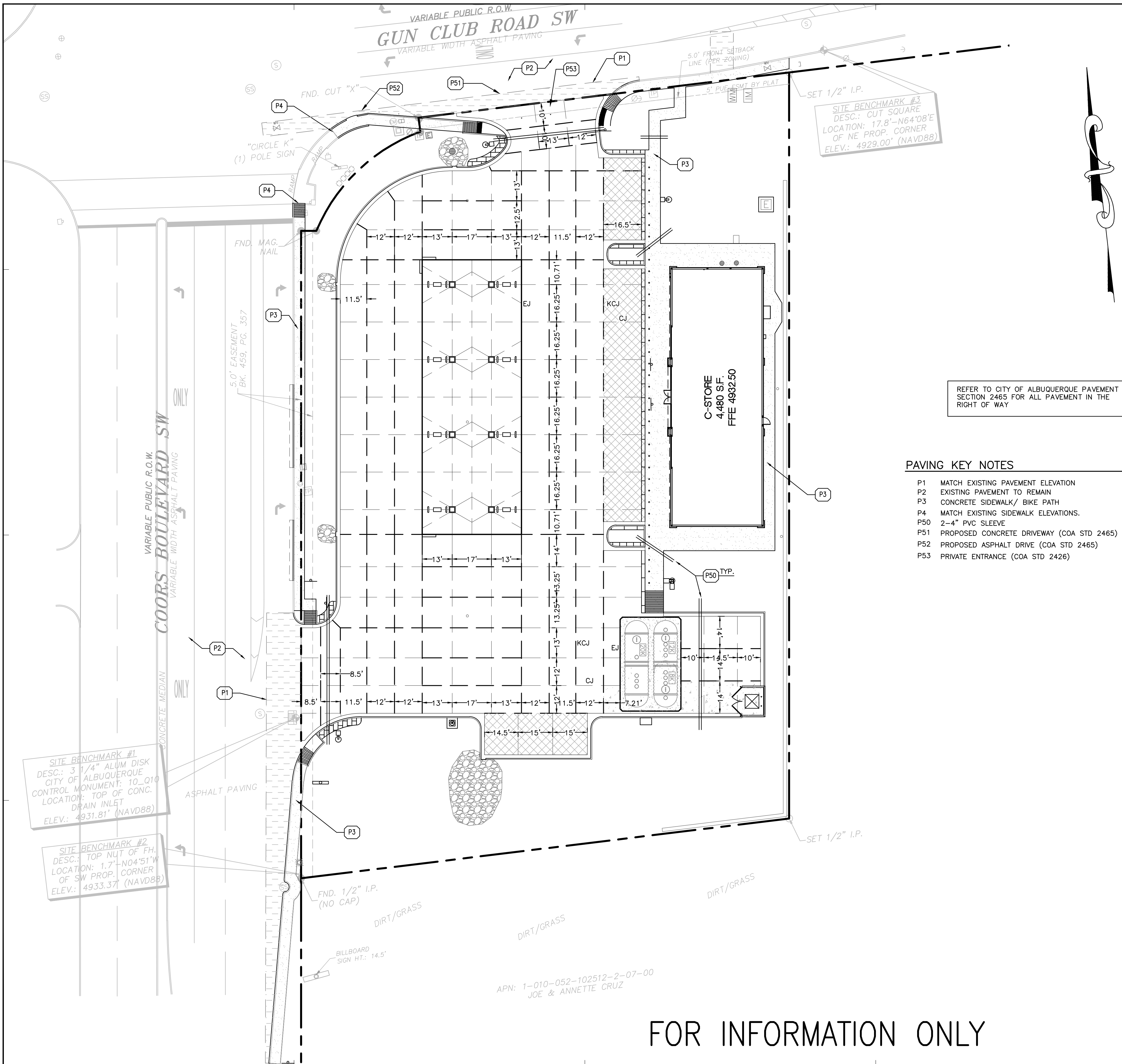
SHEET TITLE

OVERALL

DEMOLITION PLAN

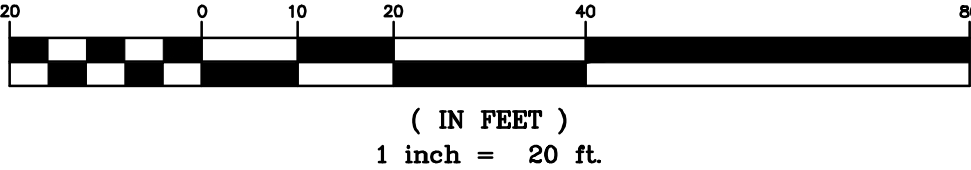
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C-1.1



Know what's below.
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GRAPHIC SCALE



PROPOSED LEGEND:

	PROPERTY LINE
	PROPOSED CURB & GUTTER
	PROPOSED DRAINAGE STRUCTURES (SEE GRADING/DRAINAGE PLANS)
	EXPANSION JOINT
	CONSTRUCTION JOINT
	CONTROL JOINT
	2-4" PVC SLEEVE
	PROPOSED LIGHT DUTY CONCRETE PAVEMENT. SEE SHEET C-7.0
	PROPOSED MEDIUM DUTY CONCRETE PAVING. SEE SHEET C-7.0
	PROPOSED HEAVY DUTY CONCRETE PAVING. SEE SHEET C-7.0
	CONCRETE PAVING OVER UST TANKS. SEE FUELING PLANS FOR DETAILS
	PROPOSED CONCRETE SIDEWALK
	PROPOSED ASPHALT PAVING PER CITY'S STANDARD DWG. 2465

REFER TO CITY OF ALBUQUERQUE PAVEMENT SECTION 2465 FOR ALL PAVEMENT IN THE RIGHT OF WAY

PAVING KEY NOTES

- P1 MATCH EXISTING PAVEMENT ELEVATION
- P2 EXISTING PAVEMENT TO REMAIN
- P3 CONCRETE SIDEWALK/ BIKE PATH
- P4 MATCH EXISTING SIDEWALK ELEVATIONS.
- P50 2-4" PVC SLEEVE
- P51 PROPOSED CONCRETE DRIVEWAY (COA STD 2465)
- P52 PROPOSED ASPHALT DRIVE (COA STD 2465)
- P53 PRIVATE ENTRANCE (COA STD 2426)

GENERAL PAVING NOTES:

- CONTRACTOR MUST SECURE ALL NECESSARY PERMITS PRIOR TO STARTING WORK.
- IF THE CONTRACTOR, IN THE COURSE OF THE WORK, FINDS ANY DISCREPANCIES BETWEEN THE PLANS AND THE PHYSICAL CONDITIONS OF THE LOCALITY, OR ANY ERRORS OR OMISSIONS IN THE PLANS OR IN THE LAYOUT AS GIVEN BY THE ENGINEER, IT SHALL BE HIS DUTY TO IMMEDIATELY INFORM THE ENGINEER, IN WRITING, AND THE ENGINEER WILL PROMPTLY VERIFY THE SAME. ANY WORK DONE AFTER SUCH A DISCOVERY, UNTIL AUTHORIZED, WILL BE AT THE CONTRACTOR'S RISK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL SETBACKS, EASEMENTS, AND DIMENSIONS SHOWN HEREON BEFORE BEGINNING CONSTRUCTION.
- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE STATE AND LOCAL GOVERNMENT AGENCY LATEST CONSTRUCTION SPECIFICATIONS AND DETAILS.
- ALL HANDICAP SITE FEATURES SHALL BE CONSTRUCTED TO MEET ALL FEDERAL, STATE AND LOCAL CODE.
- NOTIFY THE COUNTY INSPECTOR TWENTY-FOUR (24) HOURS BEFORE BEGINNING EACH PHASE OF CONSTRUCTION.
- THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, REFERENCE POINTS, AND STAKES.
- ARCHITECTURAL PLANS ARE TO BE USED FOR BUILDING STAKE OUT.
- ALL DIMENSIONS ARE FROM FACE OF BUILDING, CURB, AND WALL UNLESS OTHERWISE SPECIFIED ON PLANS.
- CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.
- CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE CONTRACT LIMITS DUE TO CONSTRUCTION OPERATION.
- ALL STREET SURFACES, DRIVEWAYS, CULVERTS, CURB AND GUTTERS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED IN ACCORDANCE WITH THE SPECIFICATIONS.
- ALL ROAD WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STATE AND LOCAL GOVERNMENT AGENCY SPECIFICATIONS.

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LICENSE NO. 21307

PROJECT MANAGER
MARLEY PHILLIPS

QUALITY CONTROL
KIEW KAM, PE

DRAWN BY
KIEW KAM, PE

PROJECT NAME

CIRCLE K

**BERNALILLO COUNTY
NEW MEXICO**

**4400 COORS BLVD. SW
ALBUQUERQUE, NM 87121**



PROJECT NUMBER
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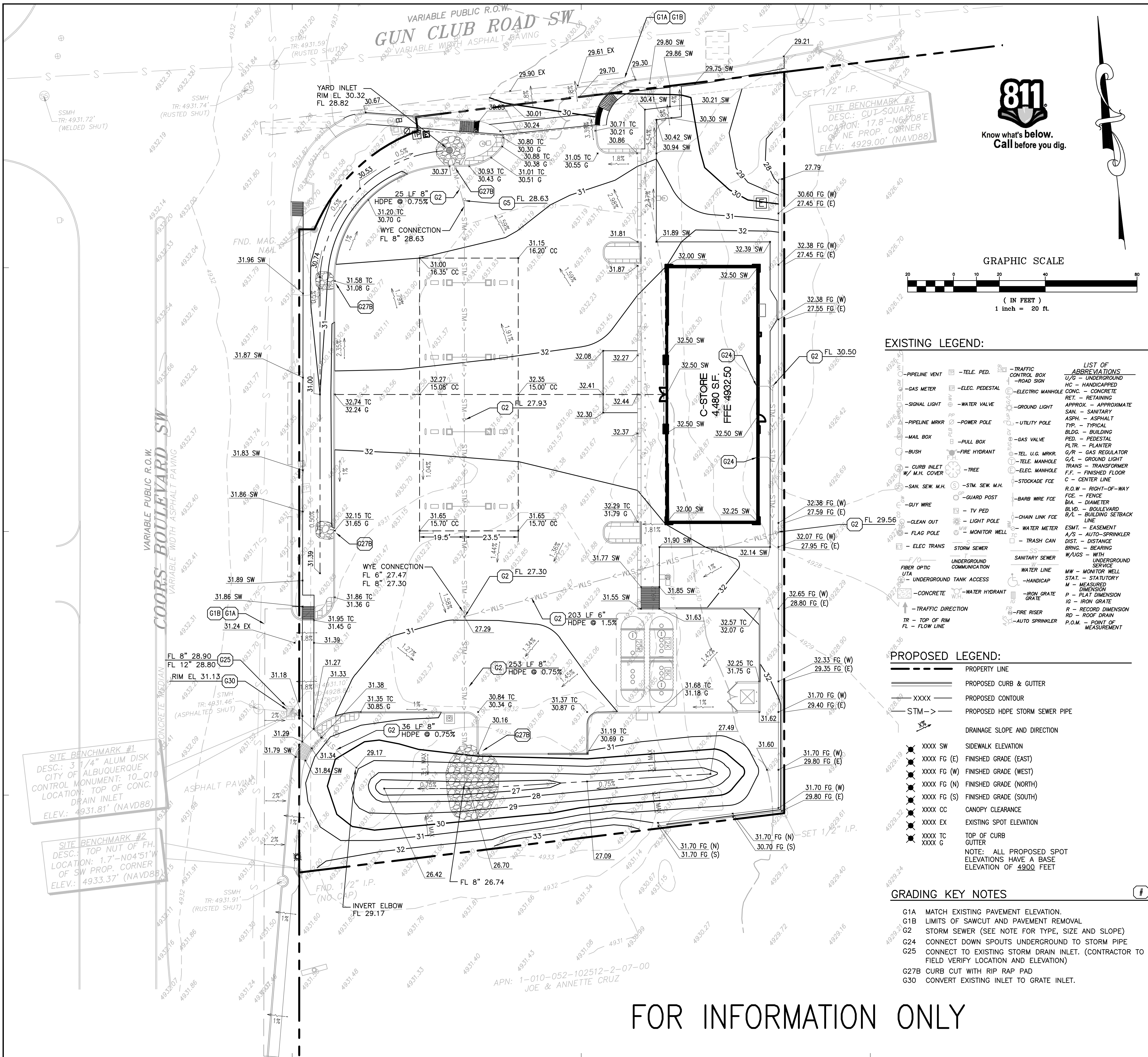
SHEET TITLE

**OVERALL
PAVING PLAN**

SHEET NUMBER

C-2.0

FOR INFORMATION ONLY



GENERAL GRADING NOTES:

- ALL GRADING AND SITE PREPARATION SHALL CONFORM WITH SPECIFICATIONS CONTAINED IN THE GEOTECHNICAL REPORT.
- ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE TO THE COUNTY LATEST CONSTRUCTION SPECIFICATIONS AND DETAILS.
- PRIOR TO ANY EXCAVATION OF THE PROJECT SITE, THE CONTRACTOR SHALL NOTIFY THE COUNTY 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, REFERENCE POINTS AND STAKES.
- ALL INDICATED ELEVATIONS ARE FINISHED ELEVATIONS.
- FIELD VERIFY LOCATIONS, SIZES AND IF APPLICABLE INVERTS OF EXISTING UTILITIES FOR PROPOSED CONNECTIONS PRIOR TO CONSTRUCTION.
- LOCATE AND PROTECT ALL UTILITIES ASSOCIATED WITH THE PROJECT PRIOR TO CONSTRUCTION.
- INSTALL SILT CONTROL MEASURES BEFORE BEGINNING SITE WORK. THESE MEASURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- MAINTAIN PROPER SITE DRAINAGE AT ALL TIMES DURING CONSTRUCTION. PREVENT STORM WATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS.
- INSTALL ALL APPROPRIATE TREE PROTECTION MEASURES PRIOR TO GRADING.
- CUT AND FILL SLOPES SHALL HAVE A MAXIMUM SLOPE OF 2:1.
- ALL EXCAVATION SHALL INCLUDE CLEARING, STRIPPING AND STOCKPILING TOPSOIL, REMOVING UNSUITABLE MATERIALS, THE CONSTRUCTION OF EMBANKMENTS, CONSTRUCTION FILLS, AND THE FINAL SHAPING AND TRIMMING TO THE THE LINES AND GRADES SHOWN ON THE PLANS.
- ALL TREES, BRUSH, AND ORGANIC TOPSOIL AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED, UNLESS OTHERWISE SPECIFIED, AND DISPOSED OF AT AN OFF-SITE LOCATION, WITH THE EXCEPTION THAT ENOUGH TOPSOIL SHALL BE RETAINED FOR RESPREAD AND GENERAL LANDSCAPING. AREAS WHICH ARE TO BE FILLED SHALL BE COMPACTED TO A MAXIMUM DENSITY OF 95% AS DETERMINED BY THE MODIFIED AASHTO COMPACTION TEST IN THE PAVED AREAS AND 85% IN THE OTHER AREAS.
- STRIP AND STOCKPILE TOPSOIL. SPREAD FOUR (4) INCHES MINIMUM OF TOPSOIL ON LANDSCAPE AREAS AND REMOVE EXCESS TOPSOIL FROM SITE. PREPARE SUB-GRADE FOR PAVEMENT AND CURBS AND BACKFILL CURBS AFTER CURB CONSTRUCTION.
- PROVIDE SUPPLY OF TOPSOIL FOR LANDSCAPE CONTRACTOR FOR INSTALLATION IN ALL LANDSCAPE ISLANDS.
- PROVIDE AND INSTALL TOPSOIL IN DISTURBED AREAS TO BE GRASSED, TO INCLUDE PAVEMENT SHOULDERS AND DETENTION AREAS.
- ALL EARTHWORK AND BASE COURSE FOR THE PARKING AREA SHALL BE COMPACTED TO A MINIMUM OF 95% MODIFIED LABORATORY DENSITY. CERTIFICATION SAID COMPACTION SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER, OR HIS/HER REPRESENTATIVE, PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL. BOTH PROOF ROLLING AND COMPACTION TESTING MUST BE APPROVED AND WITNESSED BY THE ENGINEER OR OWNER REPRESENTATIVE.
- THE PAVEMENT SUBGRADE AND BASE COURSE MATERIAL SHALL BE INSPECTED AND APPROVED BY THE ENGINEER OR OWNER REPRESENTATIVE PRIOR TO CONSTRUCTING THE BASE AND SURFACE COURSES THEREON.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE TO ALL INLETS AND CATCH BASINS. AREAS OF SURFACE PONDING SHALL BE CORRECTED BY CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- IF AREAS ARE DISTURBED BEYOND PROPOSED GRADES BY NEGLIGENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY REGRADING OR REPAIR TO MATCH ORIGINAL EXISTING CONDITIONS.
- SHORING SHALL BE DONE AS NECESSARY FOR THE PROTECTION OF THE WORK AND FOR THE SAFETY OF PERSONNEL. SHORING SHALL BE IN ACCORDANCE WITH ALL O.S.H.A AND LOCAL REGULATIONS.
- STRUCTURES FOR STORM SEWERS SHALL BE IN ACCORDANCE WITH THESE IMPROVEMENT PLANS AND THE APPLICABLE STANDARD SPECIFICATIONS. WHERE GRANULAR TRENCH BACKFILL IS REQUIRED AROUND THESE STRUCTURES, THE COST SHALL BE CONSIDERED AS INCIDENTAL AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE STRUCTURE.
- CONFIRM INVERTS OF ALL EXISTING STORM INLETS AND SANITARY SEWER MANHOLES BEFORE COMMENCING CONSTRUCTION.
- ALL STORM SEWER LINES 18"-54" DIAMETER ARE TO BE REINFORCED CONCRETE PIPE ACCORDING TO ASTM C-76 TYPE III, UNLESS OTHERWISE SPECIFIED ON PLANS.
- A GEOTEXTILE MATTING (LANDLOCK TRM 450 OR EQUIVALENT) SHALL BE USED FOR EROSION CONTROL AN ALL SLOPES GREATER THAN 3H:1V.
- DRAINAGE STRUCTURES SHALL BE MAINTAINED BY PROPERTY OWNERS.
- CONTRACTOR SHALL ADHERE TO PROPOSED GRADES ALONG CREEKS, ESPECIALLY IN THE AREA OF THE PROPOSED DETENTION POND. IF AREAS ARE DISTURBED BEYOND PROPOSED GRADES BY NEGLIGENCE OF THE CONTRACTOR, THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY PENALTIES INCURRED.
- ALL PROPOSED SPOT ELEVATIONS SHOWN INDICATE FINISHED GRADED ELEVATIONS AT EDGE OF PAVEMENT AND/OR GRADE BREAKS, UNLESS OTHERWISE NOTED.

EXISTING LEGEND:

PIPELINE VENT	TELE. PED.	TRAFFIC CONTROL BOX
GAS METER	ELEC. PEDESTAL	ROAD SIGN
SIGNAL LIGHT	WATER VALVE	ELECTRIC MANHOLE
PIPELINE MKRK	POWER POLE	GROUND LIGHT
MAIL BOX	PULL BOX	UTILITY POLE
BUSH	FIRE HYDRANT	GAS VALVE
CURB INLET W/ M.H. COVER	TREE	PLTR. - PLANTER
SAN. SEW. M.H.	STM. SEW. M.H.	G/R - GAS REGULATOR
GUY WIRE	GUARD POST	G/L - GROUND LIGHT
CLEAN OUT	TV PED	TRANS - TRANSFORMER
FLAG POLE	LIGHT POLE	F.F. - FINISHED FLOOR
ELEC. TRANS	STORM SEWER	C - CENTER LINE
FIBER OPTIC	UNDERGROUND COMMUNICATION	R.O.W - RIGHT-OF-WAY
UTA	WATER LINE	FGE - FENCE
UNDERGROUND TANK ACCESS	HANDICAP	BIA - DIAMETER
CONCRETE	WATER HYDRANT	BLVD. - BOULEVARD
TRAFFIC DIRECTION	FIRE RISER	B/L - BUILDING SETBACK LINE
TR - TOP OF RIM	AUTO SPRINKLER	ESMT. - EASEMENT
FL - FLOW LINE		A/S - AUTO-SPRINKLER
		DIST. - DISTANCE
		BRNG. - BEARING
		W/USG - WITH UNDERGROUND SERVICE
		MW - MONITOR WELL
		STAT. - STATUTORY
		M - MEASURED DIMENSION
		P - PLAT DIMENSION
		IG - IRON GRATE
		R - RECORD DIMENSION
		RD - ROOF DRAIN
		P.O.M. - POINT OF MEASUREMENT

PROPOSED LEGEND:

---	PROPERTY LINE
---	PROPOSED CURB & GUTTER
XXXX	PROPOSED CONTOUR
STM->	PROPOSED HDPE STORM SEWER PIPE
	DRAINAGE SLOPE AND DIRECTION
XXXX SW	SIDEWALK ELEVATION
XXXX FG (E)	FINISHED GRADE (EAST)
XXXX FG (W)	FINISHED GRADE (WEST)
XXXX FG (N)	FINISHED GRADE (NORTH)
XXXX FG (S)	FINISHED GRADE (SOUTH)
XXXX CC	CANOPY CLEARANCE
XXXX EX	EXISTING SPOT ELEVATION
XXXX TC	TOP OF CURB
XXXX G	GUTTER
	NOTE: ALL PROPOSED SPOT ELEVATIONS HAVE A BASE ELEVATION OF 4900 FEET

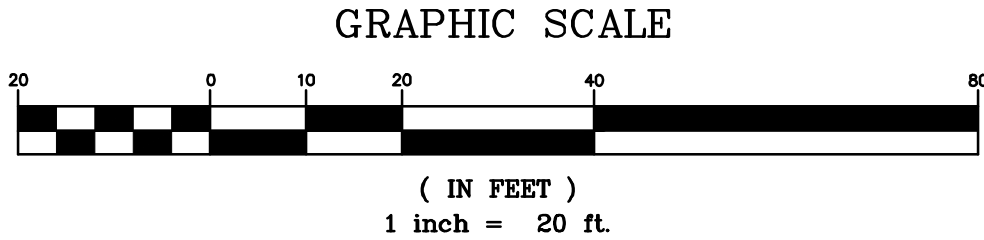
GRADING KEY NOTES

- G1A MATCH EXISTING PAVEMENT ELEVATION.
- G1B LIMITS OF SAWCUT AND PAVEMENT REMOVAL
- G2 STORM SEWER (SEE NOTE FOR TYPE, SIZE AND SLOPE)
- G24 CONNECT DOWN SPOUTS UNDERGROUND TO STORM PIPE
- G25 CONNECT TO EXISTING STORM DRAIN INLET. (CONTRACTOR TO FIELD VERIFY LOCATION AND ELEVATION)
- G27B CURB CUT WITH RIP RAP PAD
- G30 CONVERT EXISTING INLET TO GRATE INLET.



Know what's below.
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SITE BENCHMARK #3
DESC.: CUT SQUARE
LOCATION: 17.8'-N6°08'E
ONE PROP. CORNER
ELEV.: 4929.00' (NAVD88)



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PROJECT TEAM

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LICENSE NO. 21307

PROJECT MANAGER
MARLEY PHILLIPS

QUALITY CONTROL
KIEW KAM, PE
DRAWN BY
KIEW KAM, PE

PROJECT NAME

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BERNALILLO COUNTY
NEW MEXICO

4400 COORS BLVD. SW
ALBUQUERQUE, NM 87121



PROJECT NUMBER
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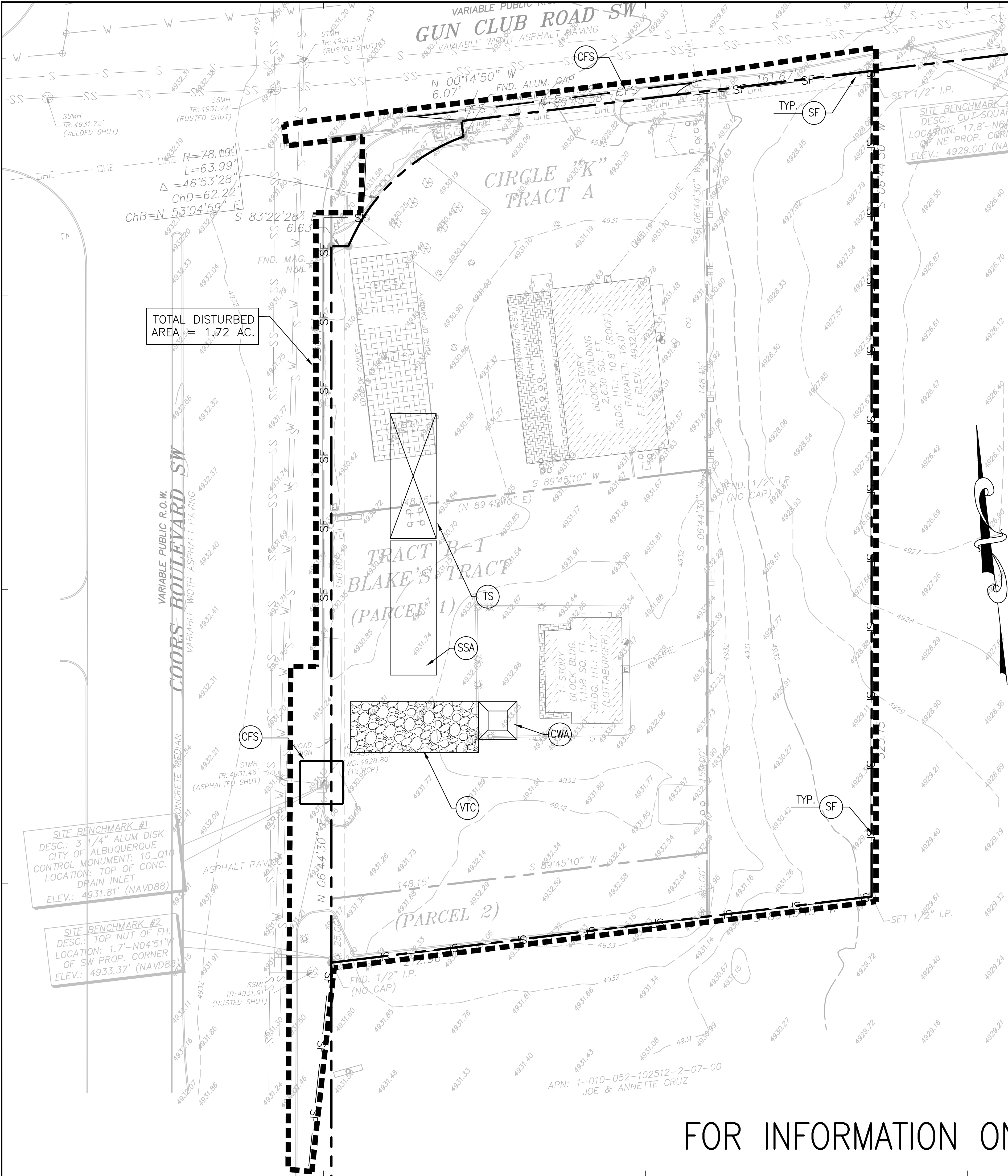
OVERALL GRADING
PLAN

SHEET NUMBER

C-3.0

FOR INFORMATION ONLY





GENERAL EROSION NOTES

A. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF NEW MEXICO NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES AND BECOME FAMILIAR WITH THEIR CONTENTS.

B. THE TEMPORARY PARKING AND STORAGE AREA SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AREA, EQUIPMENT CLEANING AREA, EMPLOYEE BREAK AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNERS CONSTRUCTION MANAGER.

C. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.

D. MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.

E. DUST ON THE SITE SHALL BE CONTROLLED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

F. NO RUBBISH, TRASH, GARBAGE, OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

G. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.

H. NEW OR AFFECTED CUT OR FILLED SLOPES MUST BE AT AN ANGLE THAT CAN BE RETAINED BY VEGETATIVE COVER, AND MUST BE PROVIDED WITH A GROUND COVER SUFFICIENT TO RETAIN EROSION WITHIN 21 CALENDAR DAYS OF COMPLETION OF ANY PHASE (ROUGH OR FINAL) OF GRADING.

I. A PERMANENT GROUND COVER, SUFFICIENT RESTRAIN EROSION, MUST BE PROVIDED WITHIN THE SHORTER OF 15 WORKING OR 90 CALENDAR DAYS (IF IN A HIGH QUALITY ZONE, THE SHORTER OF 15 WORKING OR 60 CALENDAR DAYS) AFTER COMPLETION OF CONSTRUCTION OR DEVELOPMENT ON ANY PORTION OF THE TRACT.

J. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNERS CONSTRUCTION MANAGER.

K. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

L. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AFTER THE STABILIZATION OF THE SITE AND ANY SEDIMENT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS. CONTRACTORS OR SUBCONTRACTORS WILL ALSO BE RESPONSIBLE TO CLEAN THE SWALE FROM ANY SEDIMENT IF NECESSARY.

M. IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT.

N. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

O. SEDIMENT BASINS ARE ATTRACTIVE TO CHILDREN AND CAN BE VERY DANGEROUS. IN ALL CASES, LOCAL ORDINANCES AND REGULATIONS REGARDING HEALTH AND SAFETY MUST BE ADHERED TO.

P. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.

Q. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, SILT DIKES, ETC.) TO HELP PREVENT EROSION AND STORM WATER POLLUTION.

R. ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR STORM DRAINS & UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

BMP MAINTENANCE NOTES

ALL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEED AS NEEDED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF OF THE SILT FENCE.
- THE VEHICLE TRACKING CONTROL SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT FLOW OF MUD OR TRACKING OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
- PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

SURFACE STABILIZATION MEASURES

KEY	PRACTICE	DESCRIPTION	NOTES
M	DISTURBED AREA STABILIZATION(W/ MULCHING ONLY)	Temporary protection for disturbed areas; as an erosion retardant cover when temporary grassing is inapplicable.	Straw (1-2 tons/acre), Wood chips (5-6 tons/acre), Wood fiber (0.5-1 tons/acre), Bark (35 cy/acre), Corn stalks (4-6 tons / acre), or Nets/Mats/Chemical stabilizers applicable
TS	DISTURBED AREA STABILIZATION(W/ TEMP. SEEDING)	Planting rapid-growing annual grasses, small grains, or legumes to provide initial, temporary cover for erosion control on disturbed areas.	May-Aug.: German millet (40 lbs./ac), Aug.-Dec.: Rye grain (120 lbs./ac), Jan.-May: Mixture of Rye grain (120 lbs./ac) and Koba lespedeza (50 lbs./ac) 750 (1000 lbs.-for Fall) lbs./ac of 10-10-10 fertilizer
PS	DISTURBED AREA STABILIZATION(W/ PERM. SEEDING)	Controlling runoff and preventing erosion by establishing a perennial vegetative cover with seed.	Mixture of Tall fescue (80 lbs./ac) and Koba lespedeza (40 lbs./ac) with 1000 lbs./ac of 10-10-10 fertilizer and 4,000 lbs./ac of lime *May-Aug.: Add 10 lbs./ac German millet *Oct.-Feb.: Add 40 lbs./ac Rye grain
SO	DISTURBED AREA STABILIZATION(W/ PERM. SODDING)	Transplanting vegetative sections of plant materials to promptly stabilize areas that are subject to erosion.	Warm Season: Hybrid Bermuda grass, Zoysiagrass, Centipede grass, or St Augustine grass Cool Season: Tall fescue/Kentucky bluegrass
DC	DUST CONTROL	Utilize dust control methods whenever there are offsite impacts, especially periods of drought until final stabilization is reached.	Phasing the project, vegetative cover, Mulch, sprinkling water, spray-on-adhesive, calcium chloride, barriers, etc.

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY CONTROL MEASURES																								
STRIP & STOCKPILE TOPSOIL																								
STORM FACILITIES																								
TEMPORARY CONSTRUCTION ROADS																								
FOUNDATION / BUILDING CONSTRUCTION																								
SITE CONSTRUCTION																								
PERMANENT CONTROL STRUCTURES																								
FINISH GRADING																								
LANDSCAPING/SEED/FINAL STABILIZATION																								

PROPOSED

—XX—	BOUNDARY LINE
—SF—	CONTOUR ELEVATIONS
—SF—	SILT FENCE (SEE DETAIL SHEETS)
— — — —	LIMIT OF DISTURBED AREA

PROJECT INFORMATION

THE PROPOSED PROJECT IS CONSTRUCTING A GAS STATION CONSISTING OF A 4,480 S.F. CONVENIENT STORE, AN OVERHEAD CANOPY WITH 8 PUMPING ISLANDS AND ASSOCIATED PARKING AREA.

DISTURBED ACREAGE OF SITE (INCLUDING OFF-SITE WORK) IS 1.22 ACRES.

ANTICIPATED CONSTRUCTION START DATE IS JUNE 2015 AND COMPLETION DATE IS NOVEMBER 2015.

CIRCLE K CONTRACTOR TO TAKE APPROPRIATE MEASURES TO KEEP SEDIMENT FROM ESCAPING SITE AND ALL ACCUMULATED SEDIMENT SHALL BE CLEANED OUT AND REMOVED FROM SITE.

KEY NOTES

	VTC VEHICLE TRACKING CONTROL
	SF SEDIMENTATION/SILT FENCE WITH WIRE SUPPORT
	CFS COMPOST FILTER SOCK
	CWA CONCRETE WASHOUT AREA
	TS TEMPORARY STORAGE AREA
	SSA STABILIZED STAGING AREA

SEQUENCE OF CONSTRUCTION

PHASE I

- INSTALL STABILIZED CONSTRUCTION ENTRANCES.
- PREPARE TEMPORARY PARKING AND STORAGE AREA.
- CONSTRUCT THE SILT FENCES ON THE SITE.
- INSTALL EROSION LOG AS INDICATED ON THE PLAN
- CLEAR AND GRUB THE SITE.
- BEGIN GRADING THE SITE.

PHASE II

- START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
- TEMPORARILY SEED DENuded AREAS.
- INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
- INSTALL EROSION LOG AS SHOWN ON THE PLANS.
- INSTALL RIP RAP AROUND OUTLET STRUCTURES.
- PREPARE SITE FOR PAVING.
- PAVE SITE.
- COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
- REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED).

24 HR EMERGENCY CONTACT:
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GreenbergFarrow

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PROJECT TEAM

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
11-13-14	Bern. County 1st Submittal
12-15-14	Bern. County 2nd Submittal
02-10-15	DRC 1st Submittal
03-24-15	DRC 2nd Submittal

PROFESSIONAL IN CHARGE

FARMAN SHIR, PE
PROFESSIONAL ENGINEER
LICENSE NO. 21307

PROJECT MANAGER

MARLEY PHILLIPS

QUALITY CONTROL

KIEW KAM, PE

DRAWN BY

KIEW KAM, PE

PROJECT NAME

CIRCLE K

BERNALILLO COUNTY
NEW MEXICO
4400 COORS BLVD. SW
ALBUQUERQUE, NM 87121

PROJECT NUMBER

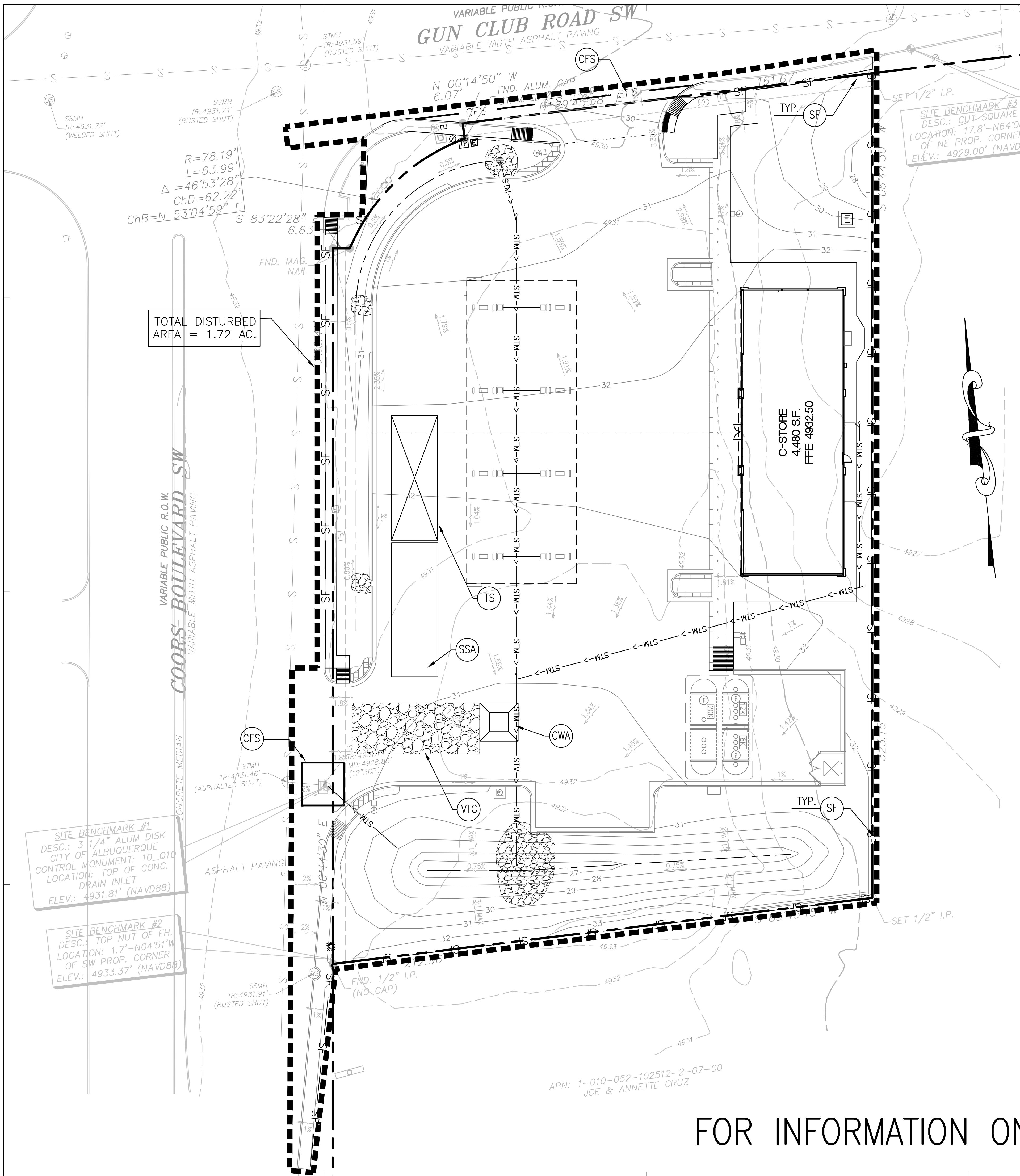
20130791

SHEET TITLE

**EROSION CONTROL
PLAN PHASE I**

SHEET NUMBER

C-5.0



GENERAL EROSION NOTES

- A. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF NEW MEXICO NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES AND BECOME FAMILIAR WITH THEIR CONTENTS.
- B. THE TEMPORARY PARKING AND STORAGE AREA SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AREA, EQUIPMENT CLEANING AREA, EMPLOYEE BREAK AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNERS CONSTRUCTION MANAGER.
- C. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.
- D. MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- E. DUST ON THE SITE SHALL BE CONTROLLED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- F. NO RUBBISH, TRASH, GARBAGE, OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- G. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- H. NEW OR AFFECTED CUT OR FILLED SLOPES MUST BE AT AN ANGLE THAT CAN BE RETAINED BY VEGETATIVE COVER, AND MUST BE PROVIDED WITH A GROUND COVER SUFFICIENT TO RETAIN EROSION WITHIN 21 CALENDAR DAYS OF COMPLETION OF ANY PHASE (ROUGH OR FINAL) OF GRADING.
- I. A PERMANENT GROUND COVER, SUFFICIENT RESTRAIN EROSION, MUST BE PROVIDED WITHIN THE SHORTER OF 15 WORKING OR 90 CALENDAR DAYS (IF IN A HIGH QUALITY ZONE, THE SHORTER OF 5 WORKING OR 60 CALENDAR DAYS) AFTER COMPLETION OF CONSTRUCTION OR DEVELOPMENT ON ANY PORTION OF THE TRACT.
- J. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNERS CONSTRUCTION MANAGER.
- K. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- L. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AFTER THE STABILIZATION OF THE SITE AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS. CONTRACTORS OR SUBCONTRACTORS WILL ALSO BE RESPONSIBLE TO CLEAN THE SWALE FROM ANY SEDIMENT IF NECESSARY.
- M. IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT.
- N. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- O. SEDIMENT BASINS ARE ATTRACTIVE TO CHILDREN AND CAN BE VERY DANGEROUS. IN ALL CASES, LOCAL ORDINANCES AND REGULATIONS REGARDING HEALTH AND SAFETY MUST BE ADHERED TO.
- P. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.
- Q. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, SILT DIKES, ETC.) TO HELP PREVENT EROSION AND STORM WATER POLLUTION.
- R. ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR STORM DRAINS & UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

BMP MAINTENANCE NOTES

- ALL MEASURES STATED ON THIS SITE MAP, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURE SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
 2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEED AS NEEDED.
 3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF OF THE SILT FENCE.
 4. THE VEHICLE TRACKING CONTROL SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRED PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
 5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
 6. PRIOR TO LEAVING THE SITE, ALL VEHICLES SHALL BE CLEANED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEANED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

SURFACE STABILIZATION MEASURES

KEY	PRACTICE	DESCRIPTION	NOTES
M	DISTURBED AREA STABILIZATION(W/ MULCHING ONLY)	Temporary protection for disturbed areas; as an erosion retardant cover when temporary grassing is inapplicable.	Straw (1-2 tons/acre), Wood chips (5-6 tons/acre), Wood fiber (0.5-1 tons/acre), Bark (35 cy/acre), Corn stalks (4-6 tons / acre), or Nets/Mats/Chemical stabilizers applicable
TS	DISTURBED AREA STABILIZATION(W/ TEMP. SEEDING)	Planting rapid-growing annual grasses, small grains, or legumes to provide initial, temporary cover for erosion control on disturbed areas.	May-Aug.: German millet (40 lbs./ac), Aug.-Dec.: Rye grain (120 lbs./ac), Jan.-May: Mixture of Rye grain (120 lbs./ac) and Kobe lespedeza (50 lbs./ac) 750 (1000 lbs.-for Fall) lbs./ac of 10-10-10 fertilizer
PS	DISTURBED AREA STABILIZATION(W/ PERM. SEEDING)	Controlling runoff and preventing erosion by establishing a perennial vegetative cover with seed.	Mixture of Tall fescue (80 lbs./ac) and Kobe lespedeza (40 lbs./ac) with 1000 lbs./ac of 10-10-10 fertilizer and 4,000 lbs./ac of lime *May-Aug.: Add 10 lbs./ac German millet *Oct.-Feb.: Add 40 lbs./ac Rye grain
SO	DISTURBED AREA STABILIZATION(W/ PERM. SODDING)	Transplanting vegetative sections of plant materials to promptly stabilize areas that are subject to erosion.	Warm Season: Hybrid Bermuda grass, Zaisyagrass, Centipede grass, or St Augustine grass Cool Season: Tall fescue/Kentucky bluegrass
DC	DUST CONTROL	Utilize dust control methods whenever there are offsite impacts, especially periods of drought until final stabilization is reached.	Phasing the project, vegetative cover, Mulch, sprinkling water, spray-on-adhesive, calcium chloride, barriers, etc.

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TEMPORARY CONTROL MEASURES																								
STRIP & STOCKPILE TOPSOIL																								
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SITE CONSTRUCTION																								
PERMANENT CONTROL STRUCTURES																								
FINISH GRADING																								
LANDSCAPING/SEED/FINAL STABILIZATION																								



Know what's below.
Call before you dig.

GRAPHIC SCALE



(IN FEET)
1 inch = 20 ft.

PROPOSED

- BOUNDARY LINE
- CONTOUR ELEVATIONS
- SILT FENCE (SEE DETAIL SHEETS)
- LIMIT OF DISTURBED AREA

PROJECT INFORMATION

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KEY NOTES

- VTC VEHICLE TRACKING CONTROL
- RR ROCK RIP RAP TO REMAIN AFTER CONSTRUCTION
- SF SEDIMENTATION/SILT FENCE WITH WIRE SUPPORT
- CFS COMPOST FILTER SOCK
- CWA CONCRETE WASHOUT AREA
- TS TEMPORARY STORAGE AREA
- SSA STABILIZED STAGING AREA

SEQUENCE OF CONSTRUCTION

- PHASE I
1. INSTALL STABILIZED CONSTRUCTION ENTRANCES.
 2. PREPARE TEMPORARY PARKING AND STORAGE AREA.
 3. CONSTRUCT THE SILT FENCES ON THE SITE.
 4. INSTALL EROSION LOG AS INDICATED ON THE PLAN
 5. CLEAR AND GRUB THE SITE.
 6. BEGIN GRADING THE SITE.
- PHASE II
7. START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
 8. TEMPORARILY SEED DENuded AREAS.
 9. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
 10. INSTALL EROSION LOG AS SHOWN ON THE PLAN.
 11. INSTALL RIP RAP AROUND OUTLET STRUCTURES.
 12. PREPARE SITE FOR PAVING.
 13. PAVE SITE.
 14. COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
 15. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED).

24 HR EMERGENCY CONTACT:
MIKE RUIZ- 915.595.0853

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PROJECT TEAM

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ISSUE/REVISION RECORD

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12-15-14	Bern. County 2nd Submittal
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03-24-15	DRC 2nd Submittal



PROFESSIONAL IN CHARGE
FARMAN SHIR, PE
PROFESSIONAL ENGINEER
LICENSE NO. 21307

PROJECT MANAGER
MARLEY PHILLIPS

QUALITY CONTROL
KIEW KAM, PE

DRAWN BY
KIEW KAM, PE

PROJECT NAME
CIRCLE K

**BERNALILLO COUNTY
NEW MEXICO**
4400 COORS BLVD. SW
ALBUQUERQUE, NM 87121



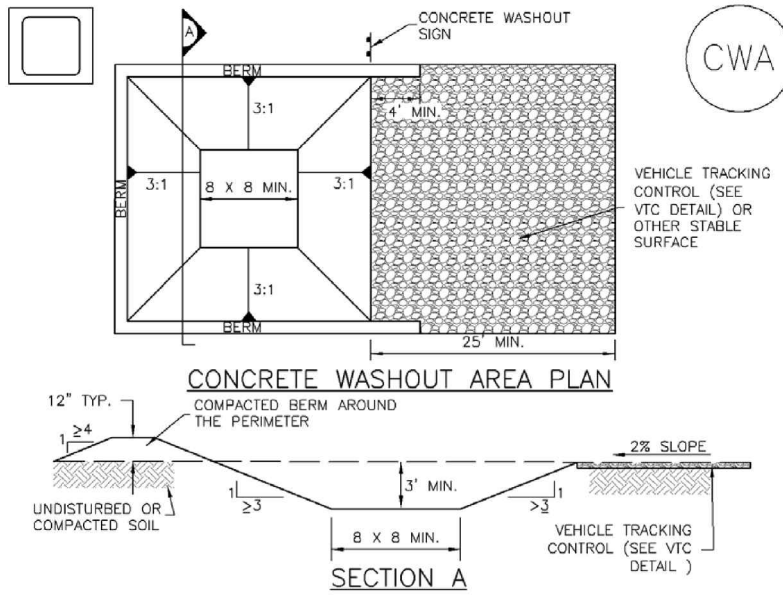
PROJECT NUMBER
20130791

SHEET TITLE
**EROSION CONTROL
PLAN PHASE II**

SHEET NUMBER
C-5.1

FOR INFORMATION ONLY

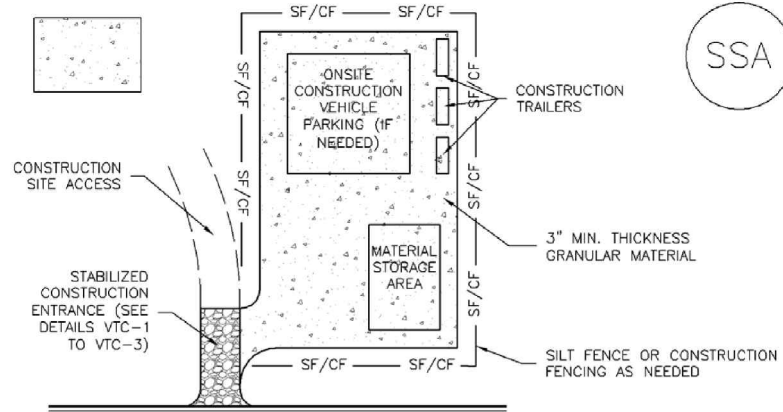
Concrete Washout Area (CWA) MM-1



- CWA-1. CONCRETE WASHOUT AREA**
- CWA INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
 - LOCATION.
 - DO NOT LOCATE AN UNFINISHED CWA WITHIN 40' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY. DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONVEYANCE MAPS REQUIRE CWA, OR IF IMPROVEMENTS ARE REQUIRED, CWA SHALL BE LOCATED AS SHOWN ON THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (18 MIN. THICKNESS) OR SURFACE STORAGE ALTERNATIVE USING PREPARED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE ARE SHOULD BE USED.
 - THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
 - CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 6" BY 8" SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT LEAST 3' DEEP.
 - BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.
 - VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.
 - SOCK SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP TRUCKS.
 - USE EXCAVATED MATERIAL FOR PERMETER BERM CONSTRUCTION.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 CWA-3

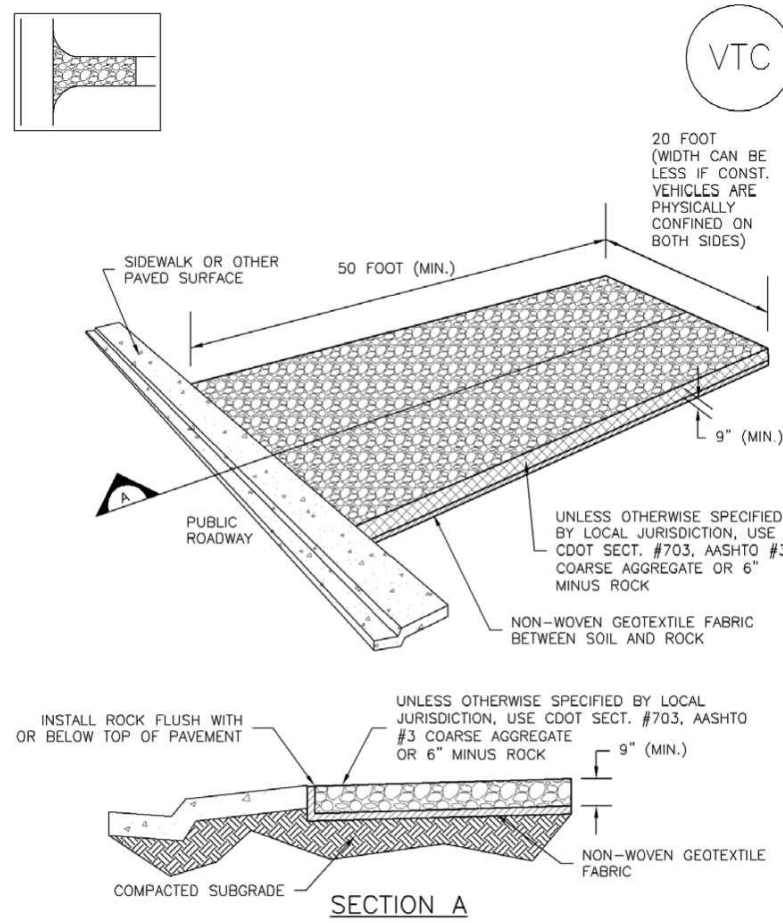
Stabilized Staging Area (SSA) SM-6



- SSA-1. STABILIZED STAGING AREA**
- STABILIZED STAGING AREA INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
 - LOCATION OF STAGING AREAS.
 - STABILIZED STAGING AREA SHOULD BE APPROPRIATE FOR THE NEEDS OF THE SITE. OVERSEEING RESULTS IN A LARGER AREA TO STABILIZE FOLLOWING CONSTRUCTION.
 - STAGING AREA SHALL BE STABILIZED PRIOR TO OTHER OPERATIONS ON THE SITE.
 - THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM 3" THICK GRANULAR MATERIAL.
 - UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.
 - ADDITIONAL PERMETER BMPs MAY BE REQUIRED INCLUDING BUT NOT LIMITED TO SILT FENCE AND CONSTRUCTION FENCING.
- STABILIZED STAGING AREA MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 - ROCK SHALL BE REPLACED OR REGRADED AS NECESSARY IF RUTTING OCCURS OR UNDESIRABLE SUBGRADE RESOURCES EXPOSED.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SSA-3

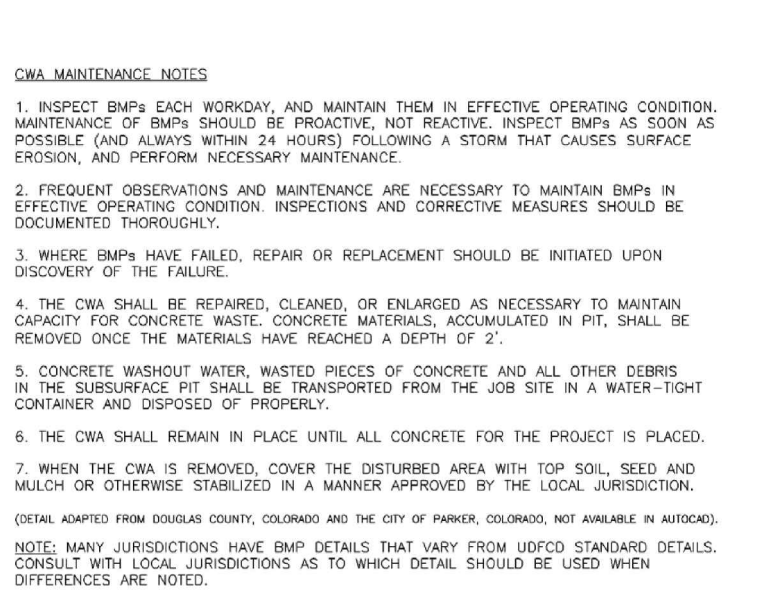
Vehicle Tracking Control (VTC) SM-4



- VTC-1. AGGREGATE VEHICLE TRACKING CONTROL**
- INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
 - LOCATION OF CONSTRUCTION ENTRANCES/EXITS.
 - CONSTRUCTION MAT OR TRU STABILIZED CONSTRUCTION ENTRANCES ARE ONLY TO BE USED ON SHORT DURATION PROJECTS (TYPICALLY RANGING FROM A WEEK TO A MONTH) WHERE THERE WILL BE LIMITED VEHICULAR ACCESS.
 - A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE LOCATED AT ALL ACCESS POINTS WHERE VEHICLES ACCESS THE CONSTRUCTION SITE FROM PAVED RIGHT-OF-WAY.
 - STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
 - A NON-WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE STABILIZED CONSTRUCTION ENTRANCE/EXIT PRIOR TO THE PLACEMENT OF ROCK.
 - UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.
- MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 - ROCK SHALL BE REPLACED OR REGRADED AS NECESSARY TO THE STABILIZED ENTRANCE/EXIT TO MAINTAIN A CONSISTENT DEPTH.
 - SEMENT TRACKED OVER PAVED ROADS IS TO BE REMOVED THROUGHOUT THE DAY AND AT THE END OF THE DAY BY SHOVELING OR SWEETING. SEDIMENT MAY NOT BE WASHED DOWN STORM SEWER DRAINS.
- NOTE:** MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM USDC STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
- (DETAILS ADAPTED FROM CITY OF BIRMINGHAM, COLORADO, NOT AVAILABLE IN AUTOCAD)

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 VTC-3

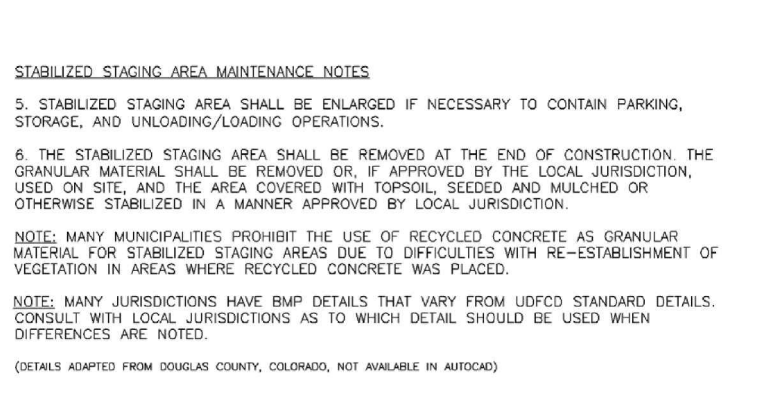
Concrete Washout Area (CWA) MM-1



- CWA-1. CONCRETE WASHOUT AREA**
- CWA INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
 - LOCATION.
 - DO NOT LOCATE AN UNFINISHED CWA WITHIN 40' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY. DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONVEYANCE MAPS REQUIRE CWA, OR IF IMPROVEMENTS ARE REQUIRED, CWA SHALL BE LOCATED AS SHOWN ON THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (18 MIN. THICKNESS) OR SURFACE STORAGE ALTERNATIVE USING PREPARED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE ARE SHOULD BE USED.
 - THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
 - CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 6" BY 8" SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT LEAST 3' DEEP.
 - BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.
 - VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.
 - SOCK SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP TRUCKS.
 - USE EXCAVATED MATERIAL FOR PERMETER BERM CONSTRUCTION.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 CWA-3

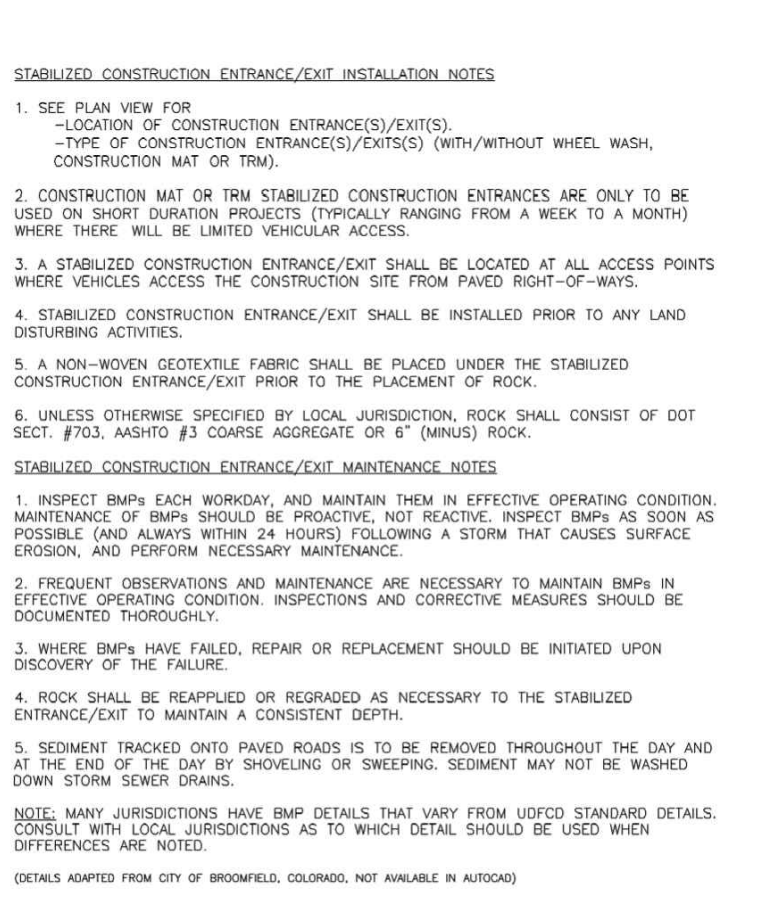
Stabilized Staging Area (SSA) SM-6



- SSA-1. STABILIZED STAGING AREA**
- STABILIZED STAGING AREA INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
 - LOCATION OF STAGING AREAS.
 - STABILIZED STAGING AREA SHOULD BE APPROPRIATE FOR THE NEEDS OF THE SITE. OVERSEEING RESULTS IN A LARGER AREA TO STABILIZE FOLLOWING CONSTRUCTION.
 - STAGING AREA SHALL BE STABILIZED PRIOR TO OTHER OPERATIONS ON THE SITE.
 - THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM 3" THICK GRANULAR MATERIAL.
 - UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, ROCK SHALL CONSIST OF DOT SECT. #703, AASHTO #3 COARSE AGGREGATE OR 6" (MINUS) ROCK.
 - ADDITIONAL PERMETER BMPs MAY BE REQUIRED INCLUDING BUT NOT LIMITED TO SILT FENCE AND CONSTRUCTION FENCING.
- STABILIZED STAGING AREA MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 - ROCK SHALL BE REPLACED OR REGRADED AS NECESSARY IF RUTTING OCCURS OR UNDESIRABLE SUBGRADE RESOURCES EXPOSED.

November 2010 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SSA-3

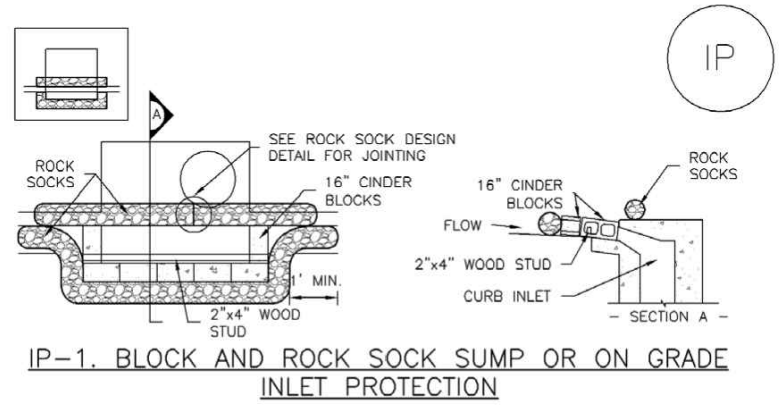
Vehicle Tracking Control (VTC) SM-4



- VTC-1. AGGREGATE VEHICLE TRACKING CONTROL**
- INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
 - LOCATION OF CONSTRUCTION ENTRANCES/EXITS.
 - CONSTRUCTION MAT OR TRU STABILIZED CONSTRUCTION ENTRANCES ARE ONLY TO BE USED ON SHORT DURATION PROJECTS (TYPICALLY RANGING FROM A WEEK TO A MONTH) WHERE THERE WILL BE LIMITED VEHICULAR ACCESS.
 - A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE LOCATED AT ALL ACCESS POINTS WHERE VEHICLES ACCESS THE CONSTRUCTION SITE FROM PAVED RIGHT-OF-WAY.
 - STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
 - A NON-WOVEN GEOTEXTILE FABRIC SHALL BE PLACED UNDER THE STABILIZED CONSTRUCTION ENTRANCE/EXIT PRIOR TO THE PLACEMENT OF ROCK.
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- NOTE:** MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM USDC STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.
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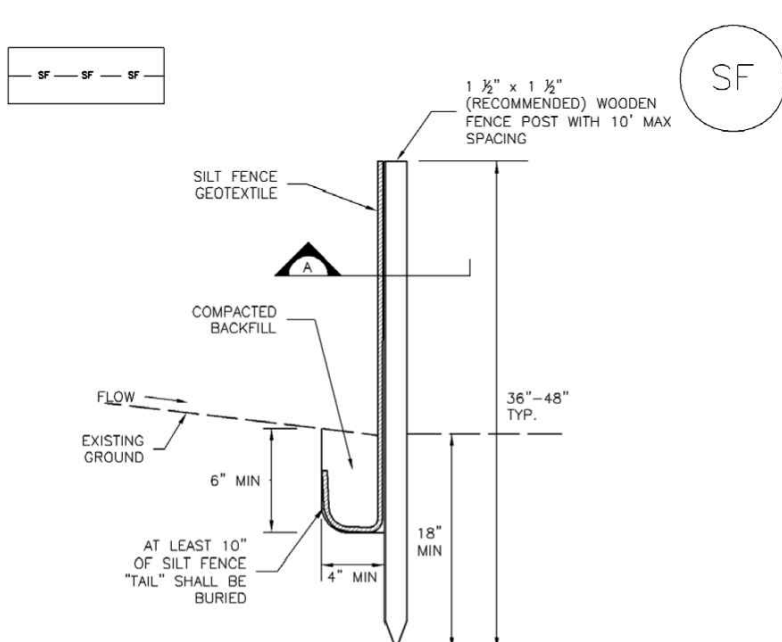
Inlet Protection (IP) SC-6



- IP-1. BLOCK AND ROCK SOCK SUMP OR ON GRADE INLET PROTECTION**
- BLOCK AND CURB SOCK INLET PROTECTION INSTALLATION NOTES**
- SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
 - CONCRETE "CINDER" BLOCKS SHALL BE Laid ON THEIR SIDES AROUND THE INLET IN A SINGLE ROW, ABUTTING ONE ANOTHER WITH THE OPEN END FACING AWAY FROM THE CURB.
 - GRAVEL SAND SHALL BE PLACED AROUND CONCRETE BLOCKS, CLOSELY ABUTTING ONE ANOTHER AND JOINTED TOGETHER IN ACCORDANCE WITH ROCK SOCK DESIGN DETAIL.
- IP-2. CURB ROCK SOCKS UPSTREAM OF INLET PROTECTION**
- CURB ROCK SOCK INLET PROTECTION INSTALLATION NOTES**
- SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
 - PLACEMENT OF THE SOCK SHALL BE APPROXIMATELY 30 DEGREES FROM PERPENDICULAR IN THE OPPOSITE DIRECTION OF FLOW.
 - SOCKS ARE TO BE FLUSH WITH THE CURB AND SPACED A MINIMUM OF 5 FEET APART.
 - AT LEAST TWO CURB SOCKS IN SERIES ARE REQUIRED UPSTREAM OF ON-GRADE INLETS.

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Silt Fence (SF) SC-1



- SF-1. SILT FENCE**
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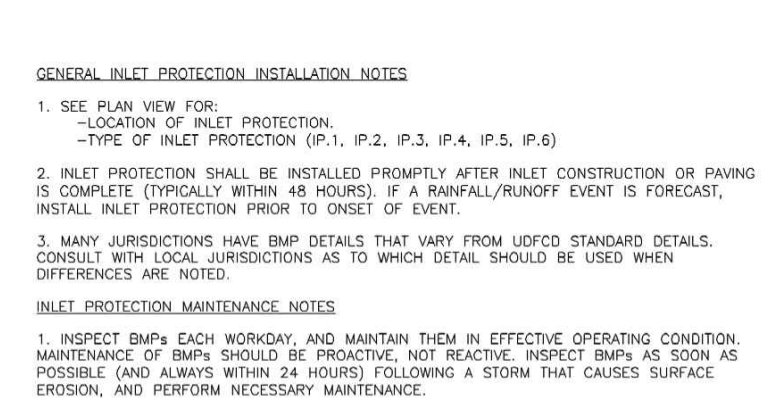
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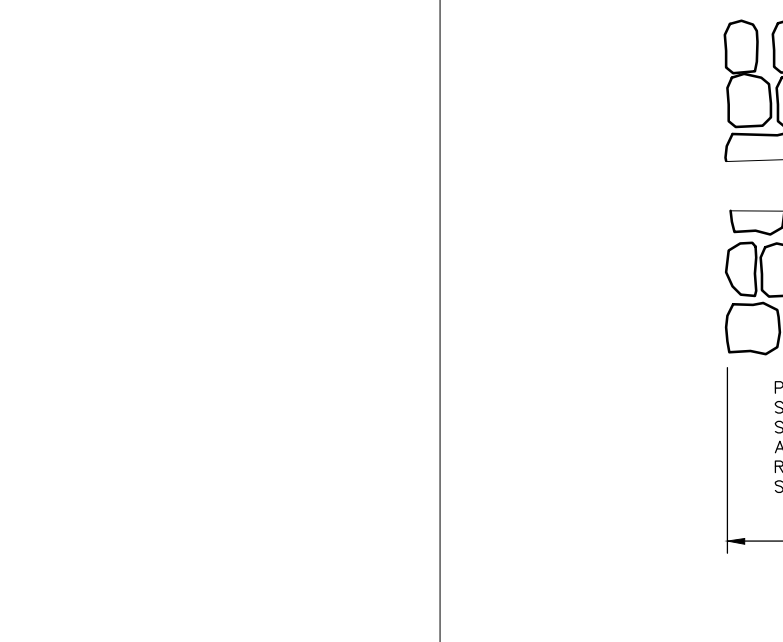
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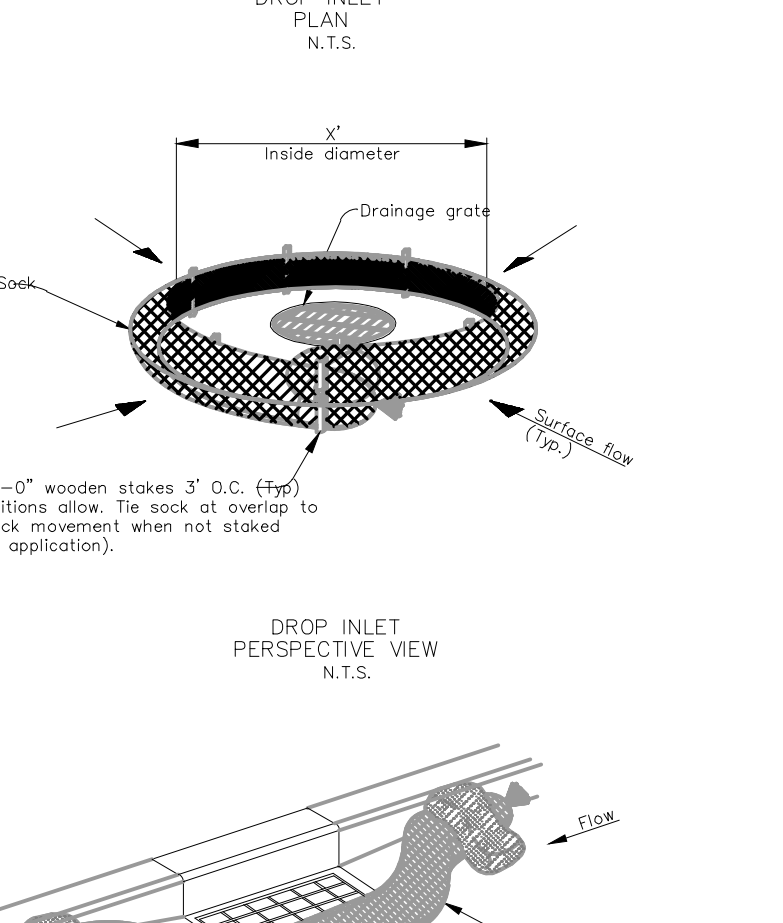
Silt Fence (SF) SC-1



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August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SF-3

Silt Fence (SF) SC-1



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August 2013 Urban Drainage and Flood Control District Urban Storm Drainage Criteria Manual Volume 3 SF-3

FOR INFORMATION ONLY

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PROJECT TEAM

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
11-13-14	Bern. County 1st Submittal
12-15-14	Bern. County 2nd Submittal
02-10-15	DRC 1st Submittal
03-24-15	DRC 2nd Submittal

PROFESSIONAL SEAL



PROFESSIONAL IN CHARGE

FARMAN SHIR, PE
PROFESSIONAL ENGINEER
LICENSE NO. 21307

PROJECT MANAGER

MARLEY PHILLIPS

QUALITY CONTROL

KIEW KAM, PE

DRAWN BY

KIEW KAM, PE

PROJECT NAME

CIRCLE K

BERNALILLO COUNTY
NEW MEXICO

4400 COORS BLVD. SW
ALBUQUERQUE, NM 87121



PROJECT NUMBER

21037091

SHEET TITLE

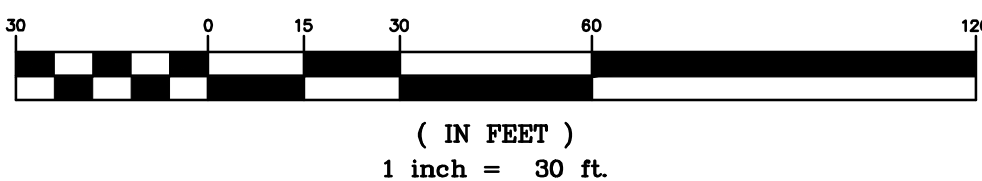
EROSION CONTROL
DETAILS

SHEET NUMBER

C-5.2



30 60



EXISTING LEGEND:

		LIST OF ABBREVIATIONS	
PIPELINE VENT	TELE. PED.	TRAFFIC CONTROL BOX	U/G - UNDERGROUND
GAS METER	ELEC. PEDESTAL	ROAD SIGN	HO - HANDICAPED
SIGNAL LIGHT	WATER VALVE	ELECTRIC MANHOLE	C - CONCRETE
PIPELINE MKRK	POWER POLE	GROUND LIGHT	RET. - RETAINING
MAIL BOX	PULL BOX	GAS VALVE	APPROX. - APPROXIMATE
BUSH	FIRE HYDRANT	TEL. U.G. MKRK.	SAN. - SANITARY
CURB INLET W/ M.H. COVER	TREE	ELEC. MANHOLE	ASPH. - ASPHALT
SAN. SEW. M.H.	STM. SEW. M.H.	STOCKADE FCE	TPY. - TYPICAL
GUY WIRE	GUARD POST	BARB WIRE FCE	BLDG. - BUILDING
CLEAN OUT	TV PED	CHAIN LINK FCE	PE.D. - PEDESTAL
FLAG POLE	MONITOR WELL	WATER METER	PLTR. - PLANTER
ELEC TRANS	STORM SEWER	TRASH CAN	O/R - GAS REGULATOR
FIBER OPTIC UTA	UNDERGROUND COMMUNICATION	SANITARY SEWER	G/L - GROUND LIGHT
UNDERGROUND TANK ACCESS	HANDICAP	WATER LINE	TRANS. - TRANSFORMER
CONCRETE	WATER HYDRANT	IRON GRATE GRADE	F.F. - FINISHED FLOOR
TRAFFIC DIRECTION	FIRE RISER	AUTO SPRINKLER	C - CENTER LINE
TR - TOP OF RIM FL - FLOW LINE			R.O.W. - RIGHT-OF-WAY
			FCE - FENCE
			DIA. - DIAMETER
			BLVD. - BOULEVARD
			B/L - BUILDING SETBACK
			LINE
			SECT. - EASEMENT
			A/S - AUTO-SPRINKLER
			DIST. - DISTANCE
			BRNG. - BEARING
			W/C/S - WITH
			UNDERGROUND SERVICE
			MW - MOTOR WELL
			STAT. - STATUTORY
			M - MEASURED
			P - PLAT DIMENSION
			IG - IRON GRATE
			R - RECORD DIMENSION
			RD - ROAD RAIN
			P.O.M. - POINT OF MEASUREMENT

GENERAL UTILITY NOTES:

1. CONTRACTOR IS TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND ENSURE NO CONFLICTS EXIST WITH PROPOSED IMPROVEMENTS. NOTIFY ENGINEER IMMEDIATELY IF UTILITIES ARE LOCATED DIFFERENTLY THAN SHOWN. THE CONTRACTOR SHALL COORDINATE WITH EACH RESPECTIVE UTILITY COMPANY IN ORDER TO RELOCATE IF NEEDED IN CONFORMANCE WITH THEIR GUIDELINES.
2. CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO THE REMOVAL OF INDICATED UTILITIES ON SITE (SEE DEMOLITION PLAN). CONTRACTOR SHALL BE RESPONSIBLE FOR CAPPING THE UTILITY ON THE CURB STOP OF THE STREET, OBTAINING ANY PERMITS REQUIRED FOR DEMOLITION AND HAUL OFF FROM THE APPROPRIATE AUTHORITIES.
3. AUTHORIZATION MUST BE OBTAINED FROM ABC WATER UTILITY AUTHORITY AND THE CITY OF ALBUQUERQUE IN ORDER TO CONSTRUCT, ALTER OR MODIFY A WATER OR SEWER LINE. CONSTRUCTION OF WATER AND SEWER INFRASTRUCTURE WILL BE AUTHORIZED BY THE WATER SYSTEM UPON:
 - APPROVAL OF SUBMITTED PLANS.
 - NOTIFICATION OF THE WATER SYSTEM AT LEAST 7 DAYS PRIOR TO STARTING CONSTRUCTION.
4. AT THE COMPLETION OF THE WATER AND/OR SEWER CONSTRUCTION AND PRIOR TO RECORDING THE FINAL PLAT, THE CONTRACTOR WILL FURNISH THE WATER SYSTEM INSPECTOR RECORD DRAWINGS OF THE PROJECT PER THE STANDARD SPECIFICATIONS 801 & 901 FOR THE CITY OF ALBUQUERQUE STANDARD DRAWINGS.
5. BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE GAS COMPANY FOR THE CONSTRUCTION OF THE GAS LINE BETWEEN METER AND MAIN.
6. BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE POWER COMPANY FOR THE CONSTRUCTION OF ELECTRICAL CONDUIT TO PROVIDE SERVICE TO THE TRANSFORMER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING, PRIOR TO CONSTRUCTION, ALL EXISTING LOCATIONS AND INVERT ELEVATIONS OF SANITARY SEWERS, STORM DRAINAGE, AND WATER MAINS. IF ANY INVERT ELEVATION VARIES MORE THAN 0.1 FT. FROM RECORD ELEVATIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. WORK SHALL NOT PROCEED UNTIL THE CONTRACTOR IS NOTIFIED BY THE ENGINEER.
8. CONNECT TO EXISTING UTILITIES AND INSTALL UTILITIES IN COMPLIANCE WITH REQUIREMENTS OF APPROPRIATE JURISDICTIONAL AGENCIES. ABC WATER UTILITY AUTHORITY REQUIRES 7 DAYS NOTICE BEFORE SHUTTING OFF AND TYING IN EXISTING UTILITY LINE. REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS AND SPECIFICATIONS 801 & 901.
9. COORDINATE WITH BUILDING PLANS TO ASSURE ACCURACY OF UTILITY CONNECTIONS AND COMPLIANCE WITH LOCAL CODES.
10. ALL SEWERS TO BE MAINTAINED THROUGHOUT CONSTRUCTION, INCLUDING CLEANING OF ANY SILT OR DEBRIS ACCUMULATED IN STRUCTURES.
11. ALL SURPLUS EXCAVATED MATERIAL FROM THE TRENCH SHALL BE DISPOSED OFF THE SITE BY CONTRACTOR.
12. COORDINATE EXACT TRENCHING, ROUTING, AND POINT OF TERMINATION WITH ALL UTILITY COMPANIES.
13. ALL WATER LINES SHALL HAVE AT LEAST FOUR AND ONE HALF (3.0) FEET GROUND COVER FROM THE TOP OF THE PIPE TO THE FINISHED GROUND SURFACE.
14. ALL WATER LINES 2" OR SMALLER SHALL BE TYPE K-COPPER.
15. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING UTILITY LOCATES.

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PROJECT TEAM

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MARLEY PHILLIPS

QUALITY CONTROL
KIEW KAM, PE

DRAWN BY
KIEW KAM, PE

PROJECT NAME**CIRCLE K**

**BERNALILLO COUNTY
NEW MEXICO**

**4400 COORS BLVD. SW
ALBUQUERQUE, NM 87121**



PROJECT NUMBER
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SHEET TITLE

OVERALL UTILITY PLAN

SHEET NUMBER

C-6.0

