## CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

April 27, 2017

J. Graeme Means, P.E. High Mesa Consulting Group 6010 B Midway Park Blvd NE Albuquerque, NM, 87109

RE: Camino Encantado Construction

924 Menaul Blvd NE Grading and Drainage Plan

Engineer's Stamp Date 4/24/2017 (File: H15D016)

Dear Mr. Means:

Based on the information provided in your submittal received 4/24/17, the Grading and

Drainage Plan is compliant with the approved Conceptual Grading and Drainage Plan

(9/1/15) and is approved for Grading, Paving, and Building Permit.

Albuquerque If you have any questions, please contact me at 924-3695 or dpeterson@cabq.gov.

NM 87103

Sincerely,

www.cabq.gov

Dana Peterson, P.E.

Senior Engineer, Planning Dept. Development Review Services

### CONSTRUCTION NOTES

- 1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM.
- 811, FOR DESIGNATION (LINE-SPOTTING) OF EXISTING UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
- 3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF
- ALBUQUERQUE STANDARDS AND PROCEDURES UTILITY INFORMATION SHOWN HEREON HEREON IS BASED UPON ONSITE SURFACE EVIDENCE. UTILITY LINES SHOWN ON THIS DRAWING ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. SURVEYOR HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMÉS NO RESPONSIBILITY OR LIABILITY THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY
  THEREFOR. THE PROPERTY OWNER, DEVELOPER, OR
  CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY
  UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR
  NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING
  EXCAVATION WORK. THE PROPERTY OWNER, DEVELOPER, OR CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- 6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.
- 7. THE GRADES INDICATED ON THIS PLAN ARE FINISHED GRADES UNLESS OTHERWISE INDICATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING SUBGRADE AT ELEVATIONS THAT SHALL ACCOMMODATE PROPOSED IMPROVEMENTS AS INDICATED ON THE PLANS INCLUDING, BUT NOT LIMITED TO, SURFACE DRAINAGE STRUCTURES, PAVING AND LANDSCAPING SURFACING

#### CONTROL SURVEY NOTE

A CONTROL SURVEY WAS CONDUCTED AT THE SITE ON AUGUST 29, 2014 AND VERIFIED ON JANUARY 27, 2017. THE VERTICAL ELEVATION OF OF AGRS CONTROL STATION "11-H15" WAS USED FOR THE PROJECT CONTROL BENCHMARK. CONTROL WAS PROJECTED ONTO THE SUBJECT SITE UTILIZING RTK GPS OBSERVATIONS COMBINED WITH GEOID COAJULO8 TO ESTABLISH HORIZONTAL POSITIONS BASED UPON NAD 83/NAVD 88 DATUM. THE RTK OBSERVATIONS WERE USED TO ESTABLISH THE TEMPORARY BENCHMARKS AT THE PROJECT SITE. THE POINTS OBSERVED HAVE BEEN QUALITY CONTROLLED FOR RELATIVE ACCURACY. AN AGRS CONTROL STATION AND A SEPARATE HORIZONTAL CONTROL STATION IN THE VICINITY OF THE PROJECT WERE OBSERVED IN ORDER TO PROVIDE REFERENCE TIES TO THE SITE. THE AGRS GRID CONTROL STATION COORDINATES HELD WERE FOR "A-438".

#### **BENCHMARKS**

#### PROJECT BENCHMARK

AN A.G.R.S. 1 3/4" ALUMINIUM DISK STAMPED "ACS BM, 11-H15" EPOXIED ON TOP OF CONCRETE CURB RETURN, AT THE ENE QUADRANT OF THE INTERSECTION OF MENAUL BOULEVARD AND BROADBENT PARKWAY N.E. ELEVATION = 5015.50 FEET (NAVD 1988)

#### TEMPORARY BENCHMARK #1 (T.B.M.)

A MAG NAIL W/WASHER SET IN ASPHALT, AS SHOWN ON THIS SHEET. ELEVATION = 5008.79 FEET (NAVD 1988)

### TEMPORARY BENCHMARK #2 (T.B.M.)

A MAG NAIL W/WASHER SET IN ASPHALT, AS SHOWN ON SHEET C1.1. ELEVATION = 5002.64 FEET (NAVD 1988)

### **LEGEND**

**EXISTING** BRICK PAVERS C&G CGW CONC CURB AND GUTTER CONCRETE/GRANITE WALL EDGE OF ASPHALT ELECTRIC OUTLET ELECTRIC PULLBOX FLOWLINE GRAVE MARKER HEADSTONE IVB LSD KSW IRRIGATION VALVE BOX LANDSCAPING DIVIDER KEYSTONE BLOCK WALL CONCRETE WHEEL STOP PLANTER ROLL CURB LANDSCAPING RIVER ROCK STONE BENCH/HEADSTONE TOP OF ASPHÁLT TOP OF BENCH TOP OF CURB TOP OF CONCRETE TOP OF WALL STONE FOUNTAIN CEMETERY HEADSTONE CEMETERY PLOT MARKER

# **PROPOSED**

FINISHED GRADE (LANDSCAPE AREA) INVERT TOP OF ASPHALT PAVEMENT TOP OF CURB TOP OF CONCRETE/PAVER TOP OF GRATE EXISTING SPOT ELEVATION PROPOSED SPOT ELEVATION EXISTING FLOWLINE PROPOSED FLOWLINE EXISTING CONTOUR PROPOSED CONTOUR EXISTING DIRECTION OF FLOW PROPOSED DIRECTION OF FLOW --- RIGHT OF WAY LINE — PUBLIC EASEMENT LINE

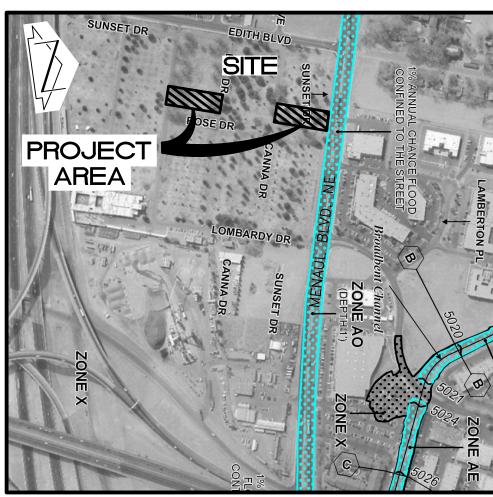
HIGH POINT / DIVIDE

PROPOSED BRICK PAVERS

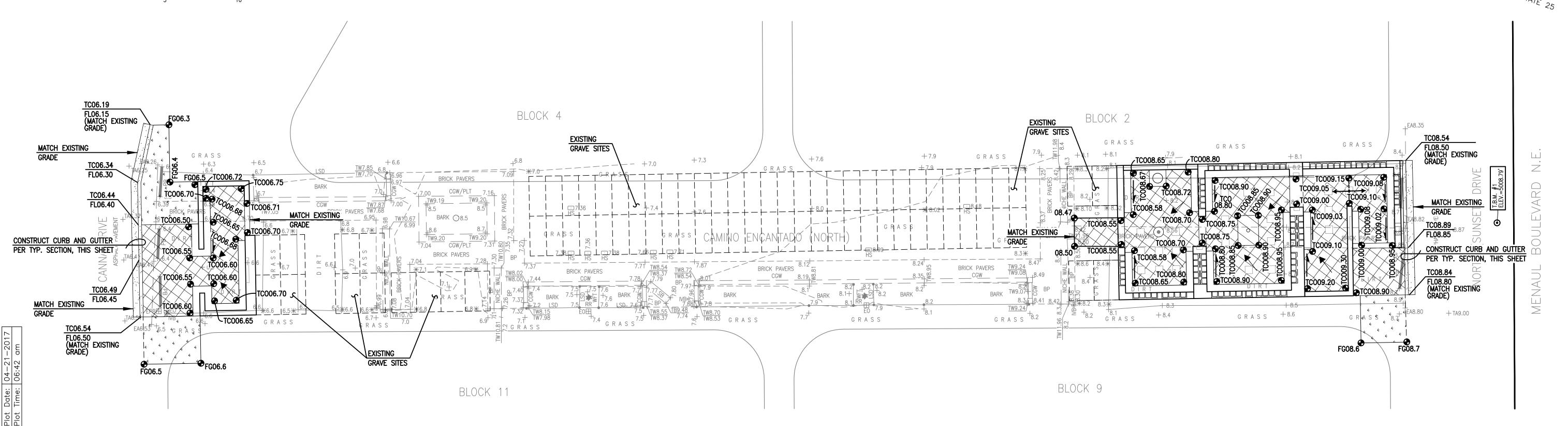
PROPOSED LANDSCAPE AREA

SANTA BARBARA AREA INTERSTATE 25

VICINITY MAP
SCALE: 1" = 750'



SEPT. 26, 2008



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**MEXICO** 

ALBUQUERQUE,

PARK

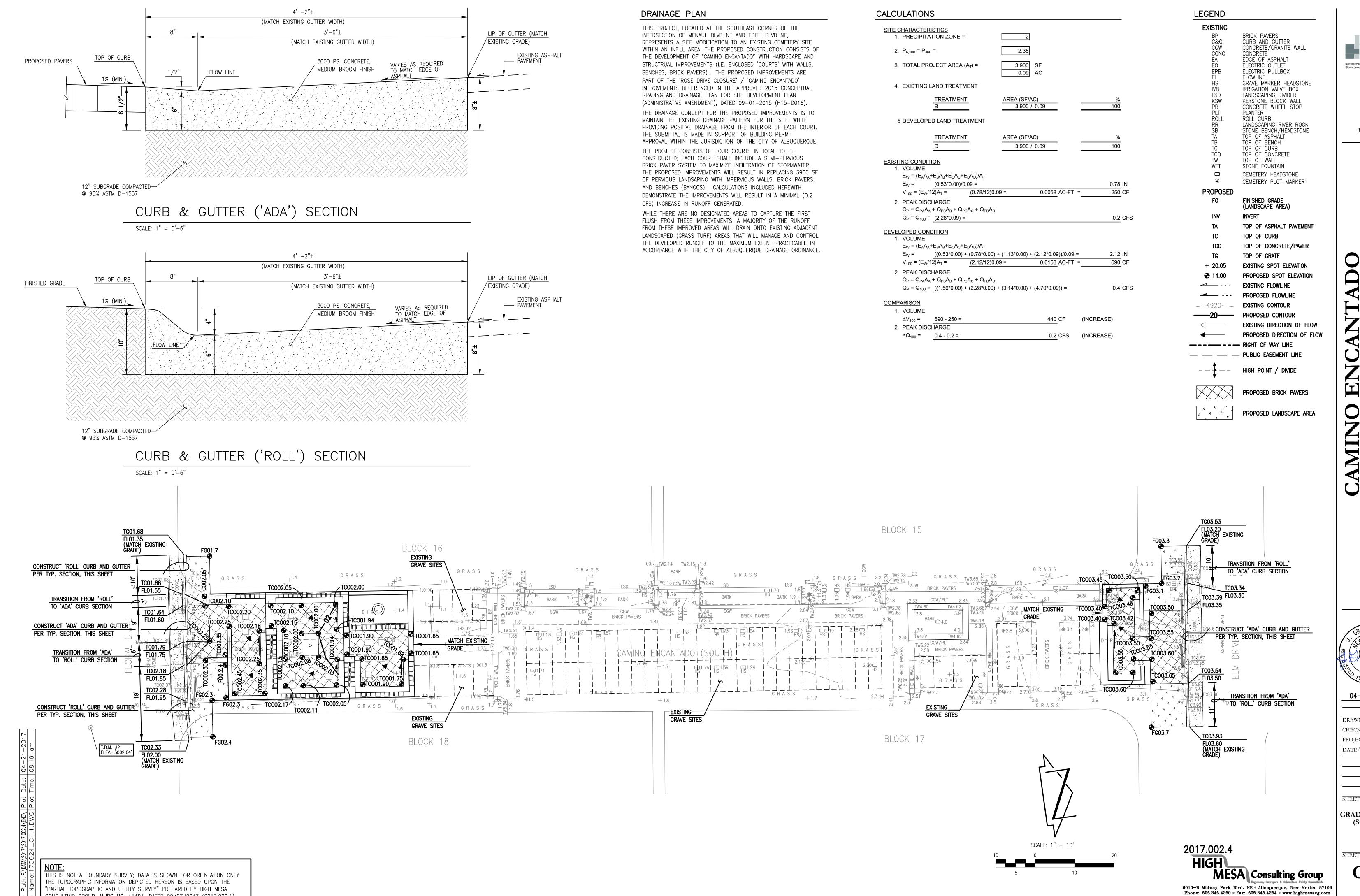
303 683 5917

866.733.2772

04-24-2017

DRAWN BY: SCC

GRADING PLAN (NORTH)



cpra studio, llc 456 s. broadway

ste 200 denver, co 80209 303 683 5917 (fax) 303 683 5958 866.733.2772

ZEW

PARK, ALBUQUERQUE, CONSTRUCTION DOCUMEN

RIAL PARK,

**MEXICO** 

04-24-2017

DRAWN BY: SCC CHECKED BY: GM PROJECT No:14101 DATE/ISSUE:

GRADING PLAN

(SOUTH)