

CITY OF ALBUQUERQUE



December 23, 2014

George Nemeth, P.E.
Smith Engineering Company
2201 San Pedro NE
Albuquerque, New Mexico 87103

**RE: North Domingo Baca Park
Phase 9 Racquet Ball Court Site Plan
Engineers Stamp Date 7/19/13 (C19-D043B)
Certification Date 12/18/14**

Dear Mr. Nemeth,

Based upon the information provided in your submittal received 12/18/2014, the above referenced Certification for Phase 9, Racquet Ball Courts is acceptable.

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

PO Box 1293

Albuquerque

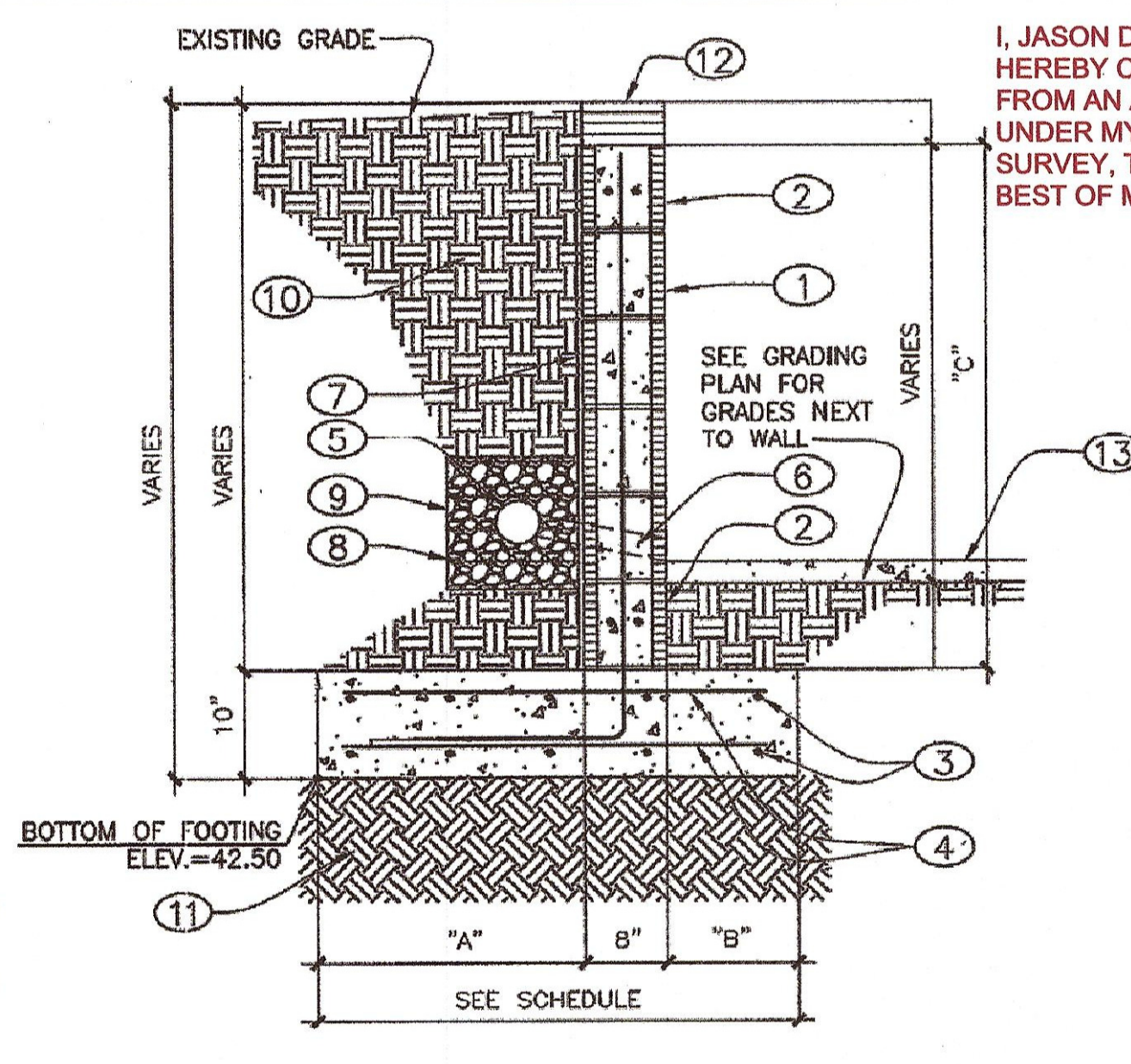
New Mexico 87103

www.cabq.gov

Sincerely,

Curtis Cherne, P.E.
Principal Engineer, Planning Department
Development and Review Services

RR/CC
C: File



RETAINING WALL SCHEDULE		
"C"	0 TO 2'-0"	2'-1" TO 4'-0"
"A"	1'-6"	1'-8"
"B"	0'-8"	0'-8"
TOTAL WIDTH	2'-10"	3'-0"
FOOTING REINFORCING	(3) #4 CONT. TOP & BOT. W/ #5 TRANS. AT 16" O.C. TOP & BOT.	(3) #4 CONT. TOP & BOT. W/ #5 TRANS. AT 16" O.C. TOP & BOT.
CMU REINFORCING (VERT.)	#5 AT 48" O.C.	#5 AT 32" O.C.
CMU REINFORCING (LAT.)	(1) #5 IN CONT. 8" DEEP END BEAM AT TOP & BOT. OF WALL	(1) #5 IN CONT. 8" DEEP END BEAM AT TOP & BOT. OF WALL

- ## RETAINING WALL
- ### KEYED NOTES:
- ① GROUT CMU WALL AT CELLS WITH VERT. REINF. W/#9 LADDER TYPE REINFORCING AT EACH JOINT. SEE SCHEDULE.
 - ② CONT. BOND BEAM, SEE SCHEDULE.
 - ③ CONTINUOUS REINFORCING TOP & BOTTOM. SEE SCHEDULE.
 - ④ TRANSVERSE REINFORCING TOP & BOTTOM. SEE SCHEDULE.
 - ⑤ 4" DIAMETER PERFORATED PVC CONTINUOUS, 1/2"x6" PERFORATIONS @ 90" INTERVALS AROUND PIPE @ 1' O.C. USE FOR WALLS MORE THAN 2 FEET HIGH.
 - ⑥ 2" DIAMETER PVC WEEP HOLES. SEE LOCATION IN PROFILE BELOW.
 - ⑦ 4 MIL VAPOR BARRIER.
 - ⑧ FILTER FABRIC AROUND GRAVEL.
 - ⑨ 3/4" ROUND GRAVEL.
 - ⑩ BACKFILL
 - ⑪ 12" SUBGRADE @ 95% ASTM D--1557.
 - ⑫ 4" CAP BLOCK.
 - ⑬ CONCRETE SIDEWALK

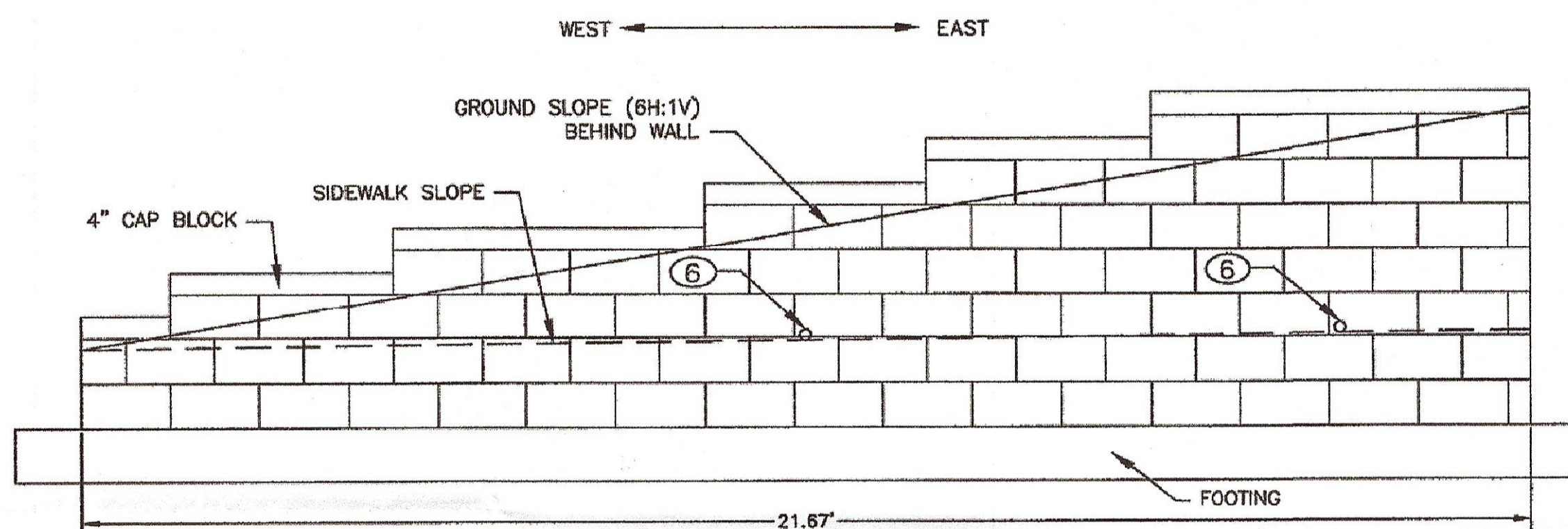


- ① CONSTRUCT 4" CONCRETE SIDEWALK, 8 FEET WIDE.
- ② CONSTRUCT RETAINING WALL. SEE SECTION AND PROFILE THIS SHEET.
- ③ SEE STRUCTURAL DRAWINGS FOR WALLS AND CONCRETE PAD.
- ④ CONSTRUCT HEADER CURB PER COA STD. DWG 2415B. TRAFFIC SIDE TOWARDS TENNIS COURT.
- ⑤ REMOVE EXISTING WIRE FENCE.
- ⑥ CONSTRUCT 6" WIDE CONCRETE SIDEWALK. SEE LANDSCAPE PLANS FOR DETAILS AND EXTENT OF INSTALLATION.
- ⑦ CURB CUT. SEE DETAIL THIS SHEET.

- ### LEGEND
- | | |
|----|-----------------|
| TC | TOP OF CONCRETE |
| TG | TOP OF GROUND |
| FL | FLOWLINE |

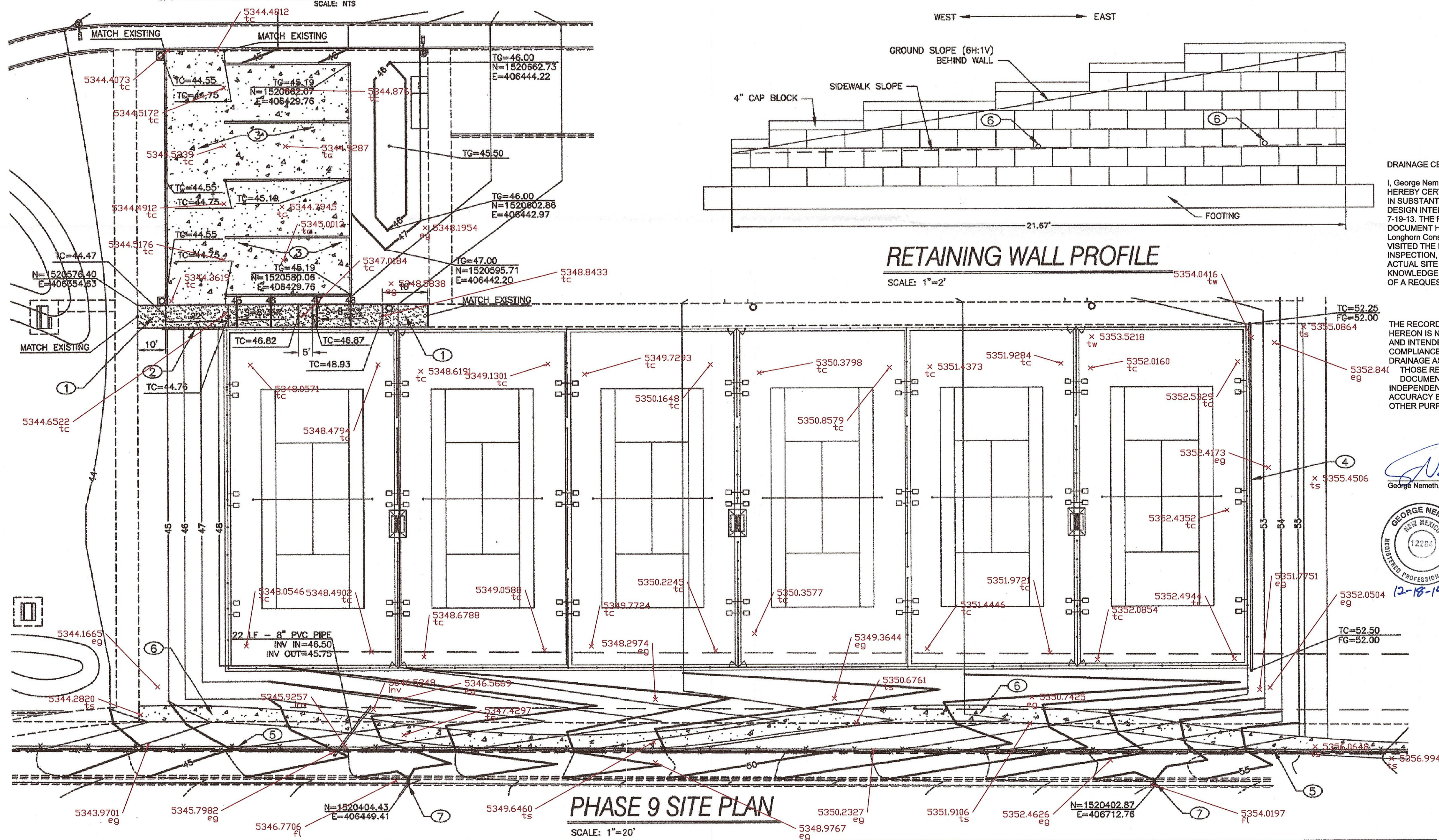
DRAINAGE CERTIFICATION

I, George Nemeth, NMPE #12284, OF THE FIRM Smith Engineering Company, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN WITH ENGINEER'S SEAL DATED 7-18-13. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN HAS BEEN MADE AND CORRECTED TO REFLECT THE WORK OF THE FIRM Longhorn Construction Services. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 11-21-14 AND HAVE DETERMINED, BY VISUAL INSPECTION, THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR Certificate of Occupancy.




RETAINING WALL PROFILE

SCALE: 1"=2'



THE RECORD INFORMATION PRESENTED
HEREON IS NOT NECESSARILY COMPLETE
AND INTENDED ONLY TO VERIFY SUBSTANTIAL
COMPLIANCE OF THE GRADING AND
DRAINAGE ASPECTS OF THIS PROJECT.
84C THOSE RELYING ON THIS RECORD
DOCUMENT ARE ADVISED TO OBTAIN
INDEPENDENT VERIFICATION OF ITS
ACCURACY BEFORE USING IT FOR ANY
OTHER PURPOSE.


George Nemeth, NMPE 12284



SMITH
ENGINEERING
CORPORATION
MINNEAPOLIS, MN

PLANNING

CONSENSUS PLANNING, INC.
Planning / Landscape Architecture
302 Eighth Street NW
Albuquerque, NM 87102
(505) 764-9801 Fax 842-5495
e-mail: cp@consensusplanning.com

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT
STRATEGIC PLANNING AND DESIGN

TITLE: NORTH DOMINGO BACA PARK - PHASE 9
BACQUET BALL COURT SITE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	No. / Day / Yr.	No. / Day / Yr.			
City Project No.	713897	Zone Map No.	C-19	Sheet	5	Of	14

SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION
FIELD NOTES			
NO.	BY	DATE	
			CONTRACTOR
			WORK STARTED BY
			INSPECTOR'S
			DATE
			ESTIMATE BY
			DATE
			FIELD
			VERIFICATION BY
			DATE
			CONDUCTED BY
			MICRO-FILM INFORMATION
			RECORDED BY
			DATE
			NO.

ENGINEERS SEAL

George Nemeth

GEORGE NEMETH
NEW MEXICO
12284
REGISTERED PROFESSIONAL ENGINEER

7-19-13

[illegible]

FINAL FOR CONSTRUCTION

**NORTH DOMINGO BACA PARK
PHASE 9 RECREATION FIELD**

PROJECT #713897
JULY 2013

RECORD DRAWINGS

DRAINAGE AND TRANSPORTATION INFORMATION SHEET
(Rev. 12/2005)

PROJECT TITLE: North Domingo Baca Park – Phase 9 ZONE MAP/DRG. FILE # C-19
DRB#: _____ EPC#: _____ WORK ORDER#: _____

LEGAL DESCRIPTION: North Domingo Baca Park, Tract 1
CITY ADDRESS: 8441 Wyoming Boulevard NE (irrigation meter address)

ENGINEERING FIRM: Smith Engineering Company CONTACT: George Nemeth
ADDRESS: 2201 San Pedro NE PHONE: 884-0700
CITY, STATE: Albuquerque, NM ZIP CODE: 87110

OWNER: COA, Parks and Recreation Dept. CONTACT: David Flores
ADDRESS: P.O. Box 1293 PHONE: 768-5379
CITY, STATE: Albuquerque, NM ZIP CODE: 87103

ARCHITECT: Consensus Planning, Inc. CONTACT: Chris Green
ADDRESS: 302 Eighth Street PHONE: 764-9801
CITY, STATE: Albuquerque, NM ZIP CODE: 87102

SURVEYOR: _____ CONTACT: _____
ADDRESS: _____ PHONE: _____
CITY, STATE: _____ ZIP CODE: _____

CONTRACTOR: Longhorn Construction Services CONTACT: Jason D. Smith
ADDRESS: _____ PHONE: 505-264-4747
CITY, STATE: _____ ZIP CODE: _____

TYPE OF SUBMITTAL:

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

CHECK TYPE OF APPROVAL 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
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY (PERM)
- ☐ CERTIFICATE OF OCCUPANCY (TEMP)
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ WORK ORDER APPROVAL
- ☐ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED:

- ☐ YES
- ☒ NO
- ☐ COPY PROVIDED

SUBMITTED BY:  DATE: 12/17/14
George Nemeth, P.E.

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.



December 17, 2014

Curtis Cherne, P.E.
Principal Engineer, Hydrology
City of Albuquerque
Plaza del Sol
Albuquerque, New Mexico

Re: North Domingo Baca Park – Phase 9
SEC# 112659

Dear Curtis:

On Friday, November 21, 2014, Smith Engineering Company (Smith) conducted a site visit to the project site. The purpose of the site visit was to view the finish grading of the Phase 9 park improvements for compliance with the COA approved drainage plan and to support this drainage certification letter.

Based on my site visit, as well as the as-built survey information provided to me, I observed the following relating to the finish grading.

1. On the east side of the racquetball courts, rather than a depression to capture storm water, a bocce court and exercise equipment area were constructed. However, based on the spot elevations provide to me, the area will still detain some storm water roughly equal to the approved plan. This detention will be up against the back of the racquet ball courts.
2. All other areas included in the Phase 9 improvements are constructed in substantial compliance with the approved grading & drainage plan.

Based on my observations and the as-built information provided by the Contractor's surveyor, I hereby certify that the drainage improvements constructed under this phase of construction comply with the intent of the approved drainage plans.

Please note that the area of the park immediately to the east of the tennis courts remains as bare dirt. This area was not within the construction limits of Phase 9 of the park improvements. I am concerned that summer rains could wash this dirt into the swale around the east and south sides of the tennis courts and possibly onto the eastern most tennis courts. I suggest this dirt area be stabilized with something like crushed gravel or asphalt millings prior to the next rainy season.

2201 San Pedro Drive, NE
Tel: 505.884.0700

Building 4, Suite 200
GeorgeN@smithengineering.pro

Albuquerque, NM 87110
Fax: 505.884.2376

Curtis Cherne
Page 2 of 2
December 17, 2014

Please contact me with questions you may have regarding this drainage certification.

Sincerely,

Smith Engineering Company



Geogre Nemeth, P.E.
Vice President/Project Manager

Enclosure – Drainage Plan with as-built information & certification

cc: Chris Green, PLA, ASLA, Consensus Planning, Inc.

Cherne, Curtis

From: Rodriguez, Jason T.
Sent: Tuesday, November 25, 2014 11:26 AM
To: 'lcsinc.lawrence@gmail.com'
Cc: Harmon Rita T.; Cherne, Curtis
Subject: N.domingo Baca park Ph.9
Attachments: N domingo baca park.pdf

Hi Lawrence I inspected the two curb cuts at 7521 Carmel NE SO-19 (C19D43B) they are a pass if you need anything more let me know Thanks.

Jason Rodriguez C.O.A. Storm Maintenance
Office 505-857-8607
Cell 505-235-8016
E-mail jtrodriguez@cabq.gov