# **CITY OF ALBUQUERQUE**



May 20, 2016

David Soule, P.E. Rio Grande Engineering PO Box 93924 Albuquerque NM 87199

### Re: Azar-Menaul Townhomes, Grading and Drainage Plan Engineer's Stamp Date 5/17/2015 (H22/D078)

Dear Mr. Soule,

Based upon the information provided in your submittal received 5-17-15, the grading and Drainage Plan is approved for Building Permit, Grading Permit, and SO-19 Permit. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

PO Box 1293

Albuquerque

This project requires a National Pollutant Discharge Elimination System (NPDES) permit for storm water discharge for disturbing one acre or more and a Topsoil Disturbance Permit for disturbing <sup>3</sup>/<sub>4</sub> of an acre or more. You are also required to obtain an Erosion Sediment Control Plan approval for this project. Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology as well. Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

New Mexico 87103

If you have any questions, you can contact me at 924-3999.

www.cabq.gov

Sincerely,

Shahab Biazar, P.E. City Engineer, Planning Dept. Development Review Services



Albuquerque - Making History 1706-2006



# City of Albuquerque

Planning Department Development & Building Services Division DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title:		Building Permit #:	City Drainage #:
DRB#: EPC#:			Work Order#:
Legal Description:			
City Address:			
Engineering Firm:			Contact:
Address:			
Phone#: Fax#:			E-mail:
Owner:			Contact:
Address:			
Phone#: Fax#:			E-mail:
Architect:			Contact:
Address:			
Phone#: Fax#:			E-mail:
Other Contact:			Contact:
Address:			
Phone#: Fax#:			E-mail:
MS4/ EROSION & SEDIMENT CONTROL TYPE OF SUBMITTAL:			E OF OCCUPANCY
TYPE OF SUBMITTAL:			RY PLAT APPROVAL
ENGINEER/ ARCHITECT CERTIFICATION			FOR SUB'D APPROVAL
		SITE PLAN H	FOR BLDG. PERMIT APPROVAL
CONCEPTUAL G & D PLAN		FINAL PLAT	APPROVAL
GRADING PLAN			SE OF FINANCIAL GUARANTEE
DRAINAGE MASTER PLAN DRAINAGE REPORT			ON PERMIT APPROVAL
CLOMR/LOMR		GRADING PERMIT APPROVAL SO-19 APPROVAL	
			RMIT APPROVAL
TRAFFIC CIRCULATION LAYOUT (TCL)			AD CERTIFICATION
TRAFFIC IMPACT STUDY (TIS)		WORK ORDE	
EROSION & SEDIMENT CONTROL PLAN (ESC)		CLOMR/LON	
OTHER (SPECIFY)		PRE-DESIGN	MEETING
			ECIFY)
IS THIS A RESUBMITTAL?: Yes No		C	
DATE SUDMITTED.	Bru	DAVID SOULE	
DATE SUBMITTED:	ву:		

COA STAFF: ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_

### **David Soule**

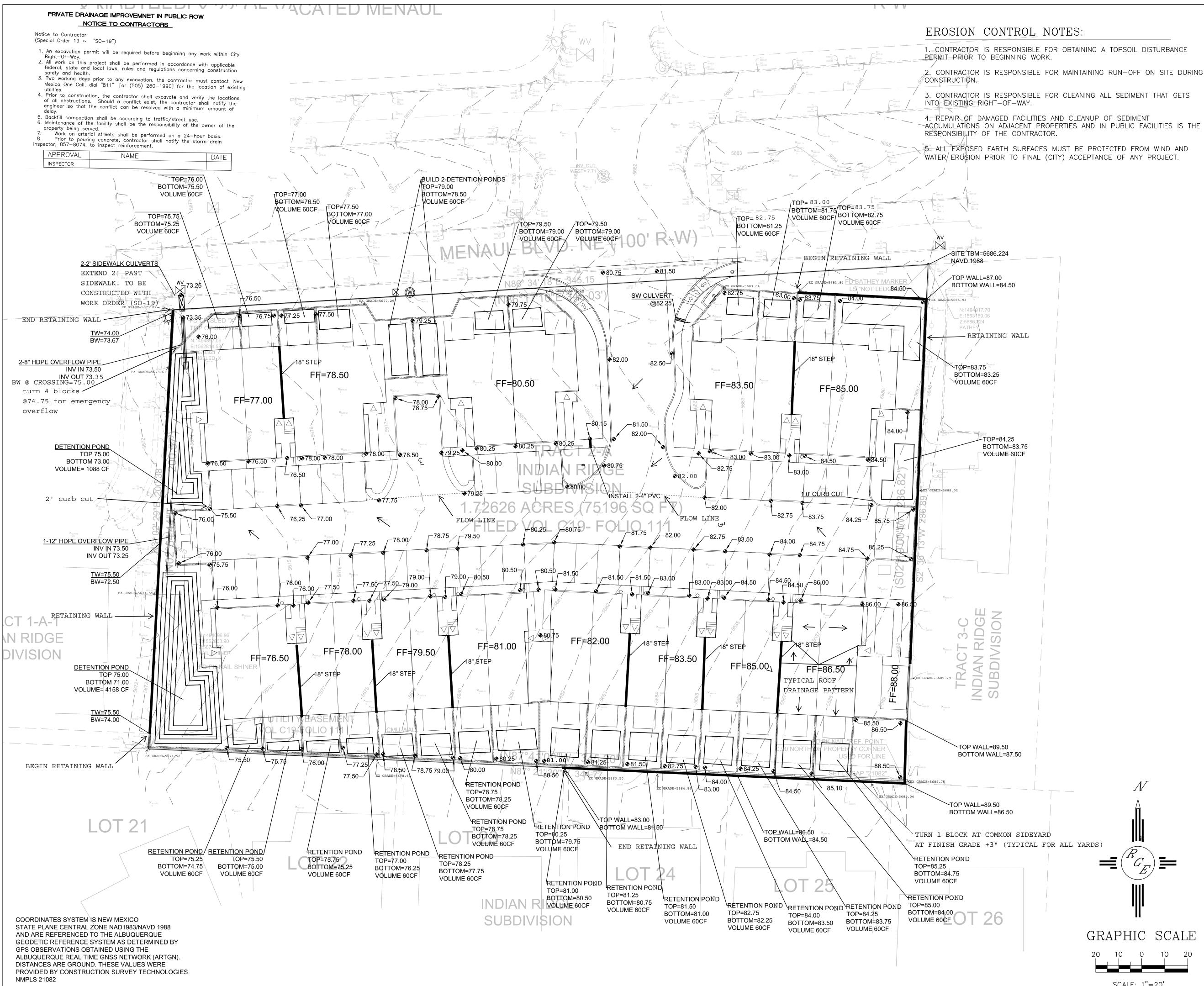
Subject: FW: Indian Ridge Subd.

**Rudy E. Rael, CE, CFM** Engineer Associate, Hydrology Planning Department 600 2nd St. NW Suite 201 Albuquerque NM 87102 Rudy, Please find the responses to your written comments dated 5/12/16. The initial comments area in black and our response as to how we addressed are in blue:

- There are some darkened lines throughout the site, are these all retaining walls? YES, I HAVE ADDED LABLES TO CLARIFY, WE HAVE TOP AND BOTTOMS CALLED OUT
- Provide a detail for all retaining walls. I HAVE ATTACHED, THESE ARE PART OF SEPARATE PERMIT
- How will flows leave the back yards? Provide turn blocks 3" above grade. WE HAVE ADDED TO NOTE TO PLAN AND ADDED TO NOTE#3
- Provide a detail where the block wall and the 8" HDPE intersect each other. I HAVE ADDED NOTE TO PLAN TO CLARIFY THE PIPE RUNS UNDER WALL BOTTOM OF WALL=75.00, TOP OF PIPE=74.00
- Provide elevations around the exterior of the perimeter. I HAVE ADDED
- Show roof flows.
   THE ROOFS ARE PITCH SO I HAVE ADDED ROOF DRAIN PATTERN ON SE BUILDING AND LABELED AS TYPICAL
- Provide a note requiring a separate permit for all walls is required. I HAVE ADDED AS NOTE#4
- Show the extension of the sidewalk culvert 2 feet passed the property line. I HAVE CORRECTED THE DRAWING TO BE GRAPHICALLY CORRECT
- The NW corner of the sites spot elevation is higher than the invert out, please correct.

WE HAVE CORRECTED THIS TYPO.

David Soule Rio Grande Engineering PO Box 93924 Albuquerque, NM 87199



SCALE: 1"=20'

DAVID SOULE P.E. #14522

97,761 ROSS ENCHANTED PARK 1 8 0 0 0 1 1 4 44 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0
Image: State spectral spectra spectral spectra spectral spectral spectr
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STE TAVE LAWSON CT MOOD DR LVIN AVE APACHE AVE
ZO BRENTWOOD HILLS BLVD

BRENTPHOOD IN REAL STRATE STRA

LEGAL DESCRIPTION:

TRACT 2-A INDIAN RIDGE SUBDIVISION

### NOTES:

FIRM MAP:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED. 2. TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS OBTAINED BY

FM35001C0375H

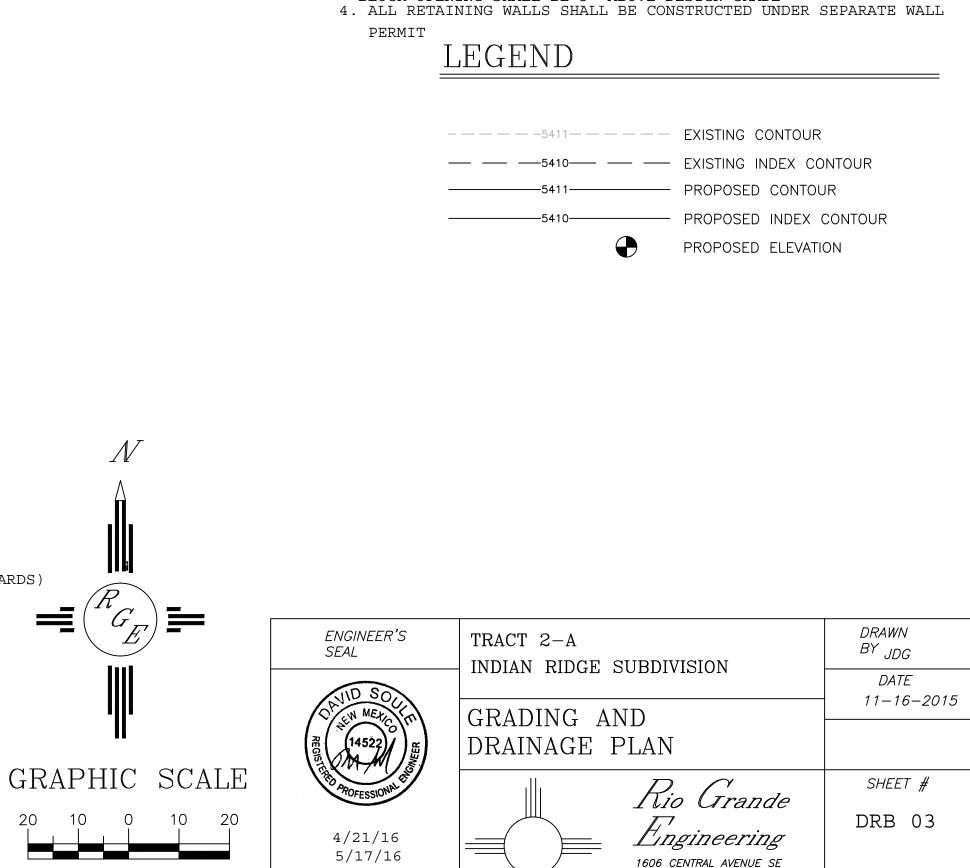
CONSTRUCTION SURVEY TECHNOLOGIES, DAVID P ACOSTA PLS 21082. 3. ALL REAR YARD SHALL HAVE ONE BLOCK TURNED FOR DRAINAGE. BLOCK OPENING SHALL BE 3" ABOVE DESIGN GRADE

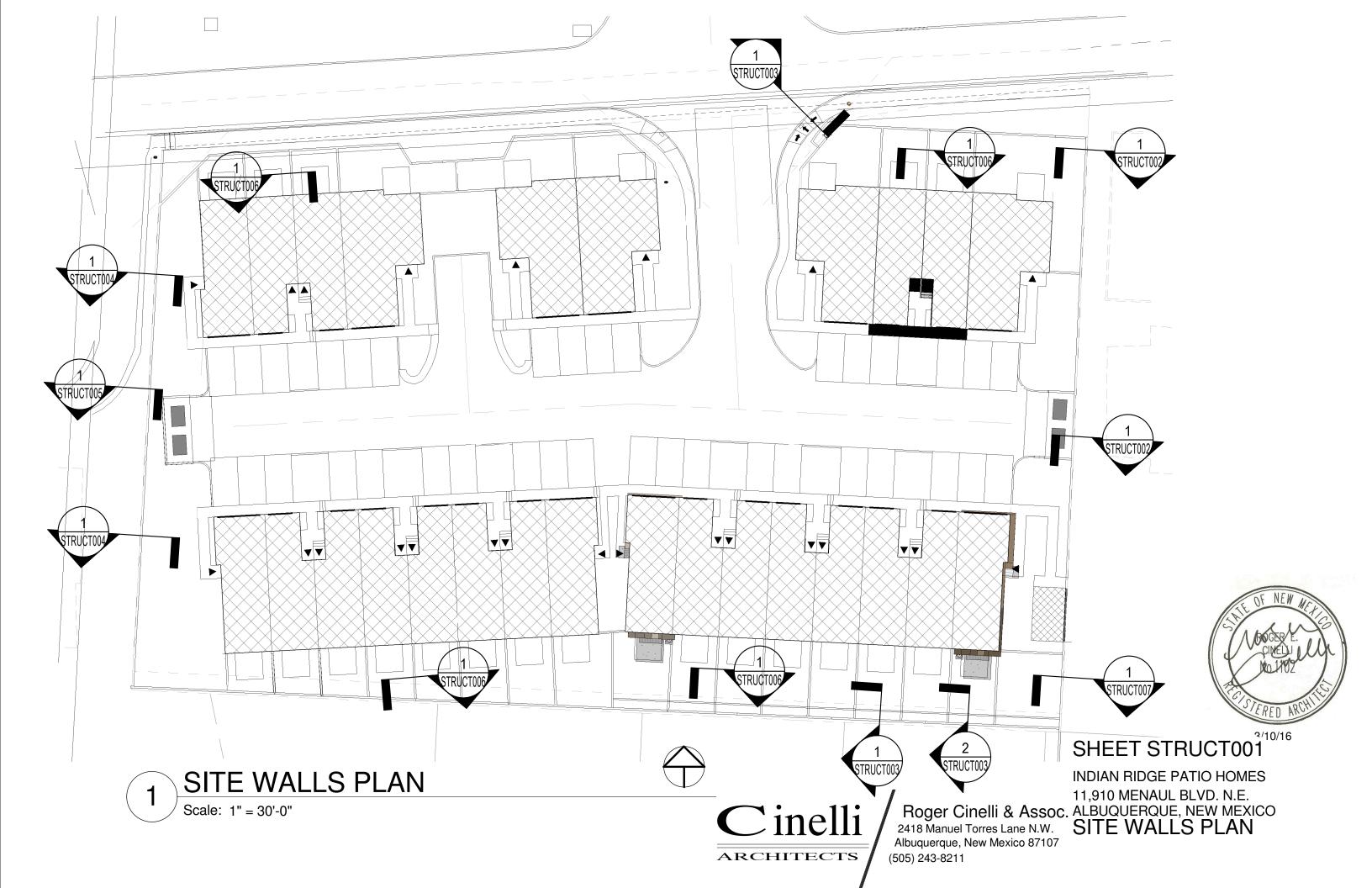
4. ALL RETAINING WALLS SHALL BE CONSTRUCTED UNDER SEPARATE WALL

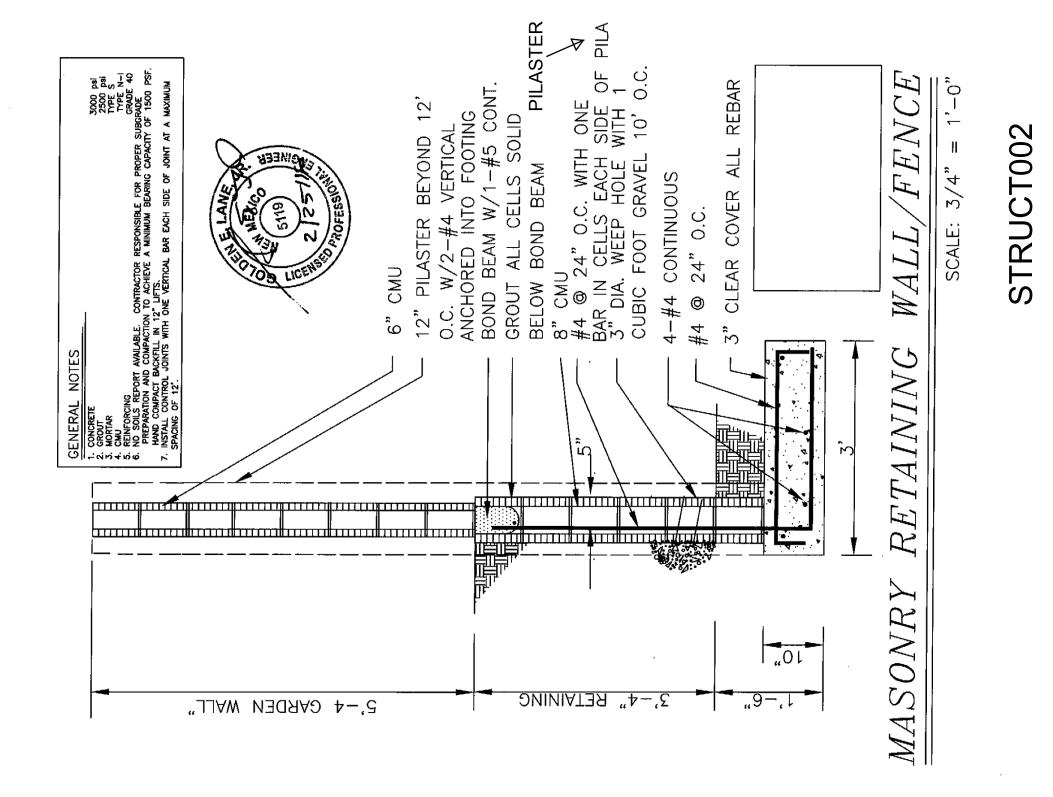
SUITE 201

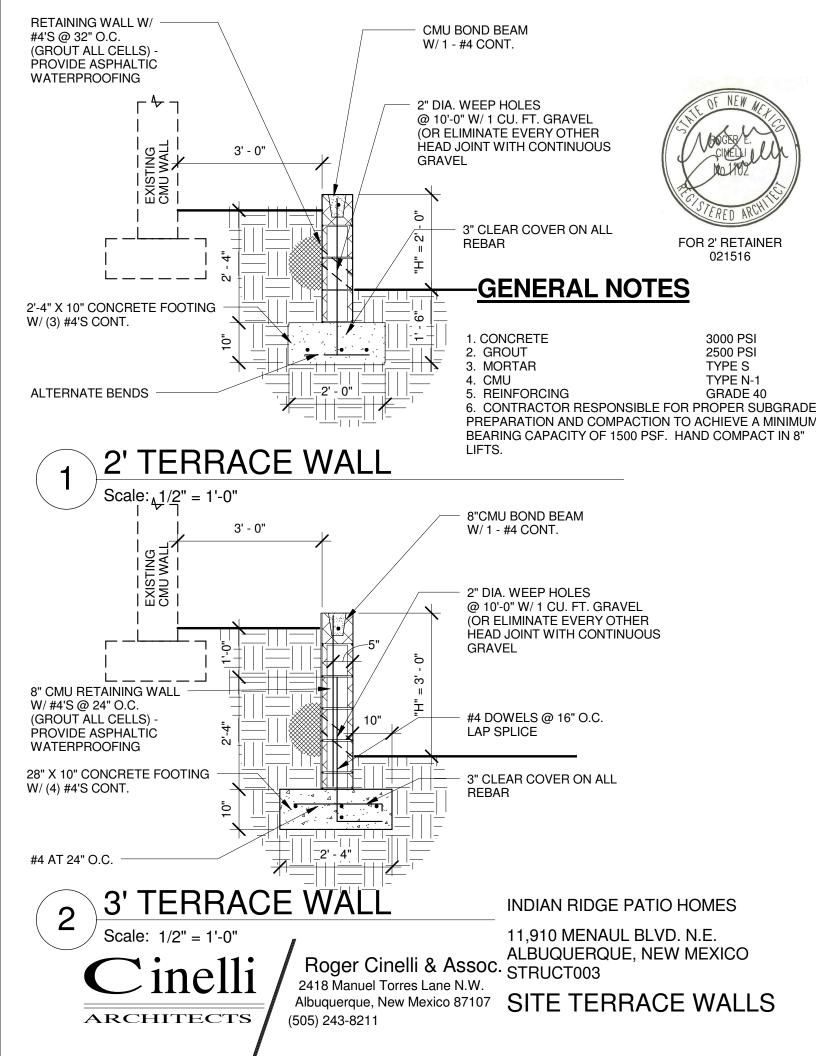
ALBUQUERQUE, NM 87106 (505) 872–0999

JOB #

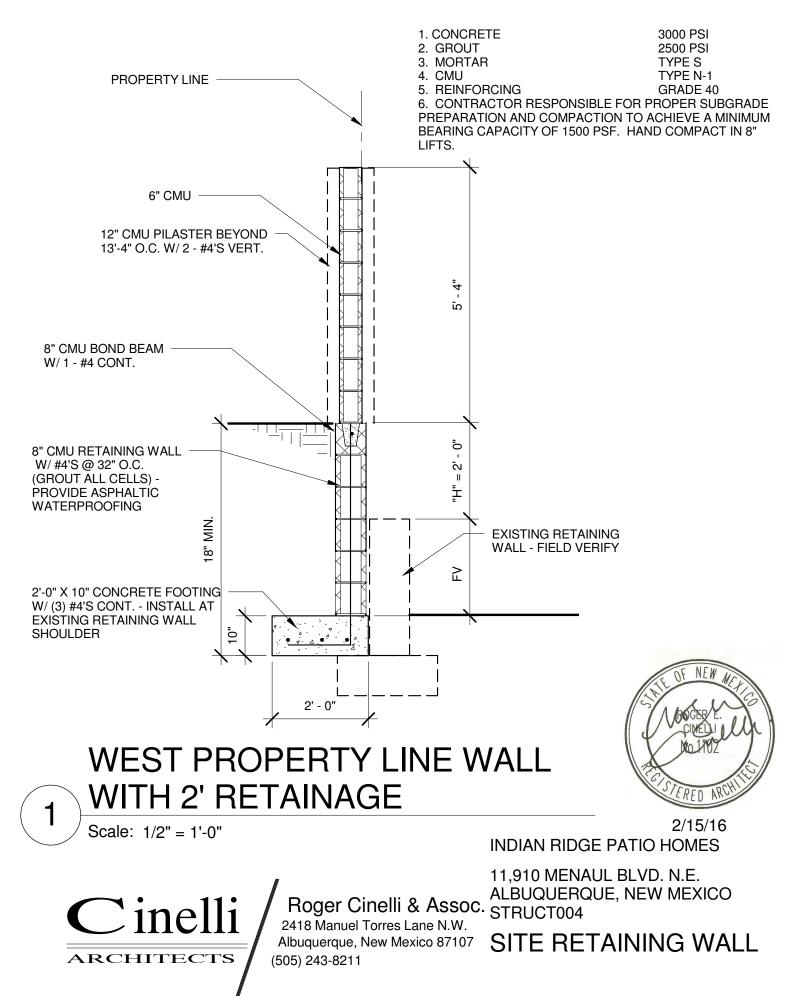


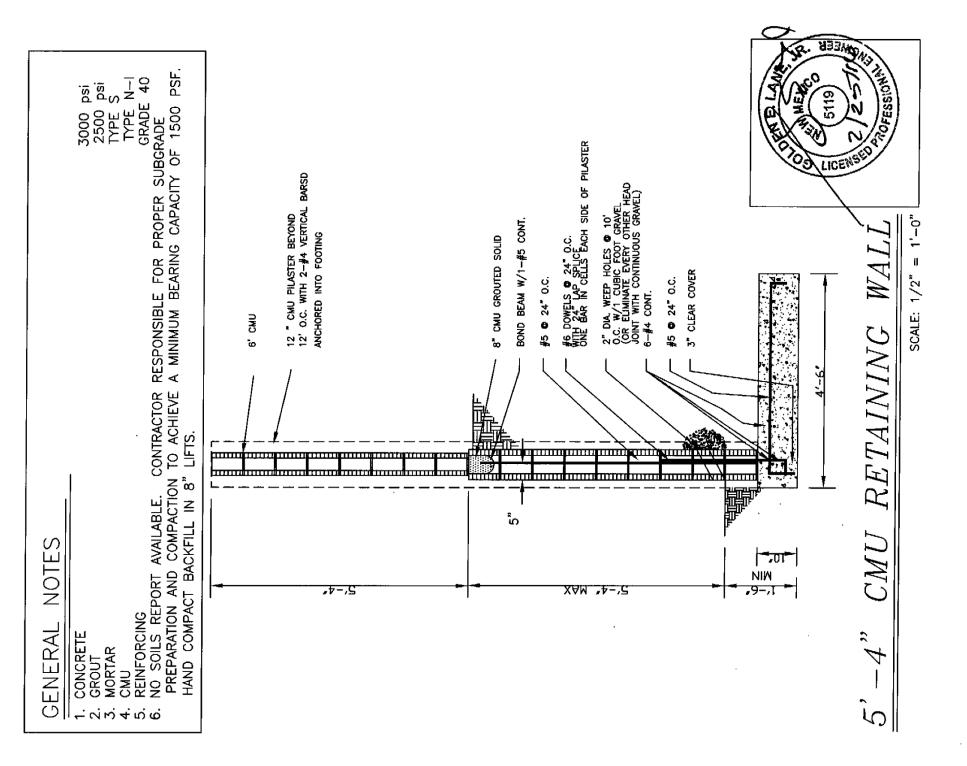






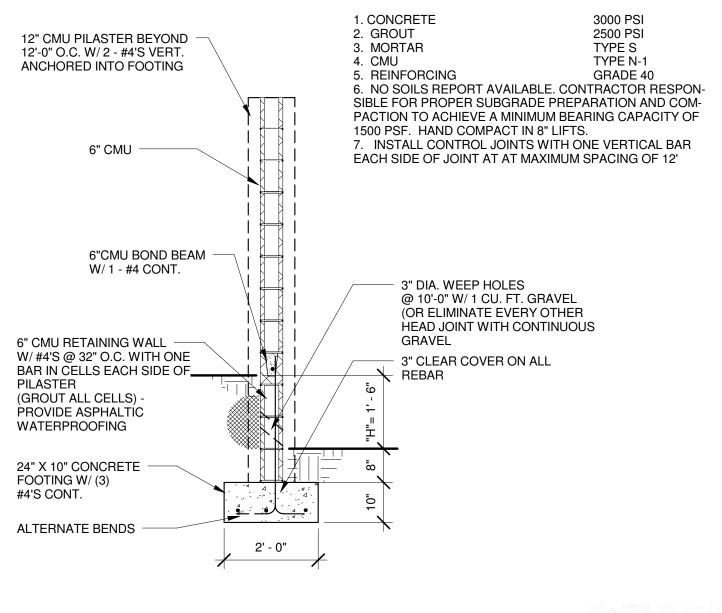
## **GENERAL NOTES**





STRUCT005

## **GENERAL NOTES**



## COURTYARD WALL WITH 18" RETAINAGE Scale: 1/2" = 1'-0"

Cinelli

ARCHITECTS



2/15/16 INDIAN RIDGE PATIO HOMES

11,910 MENAUL BLVD. N.E. ALBUQUERQUE, NEW MEXICO STRUCT006

2418 Manuel Torres Lane N.W. Albuquerque, New Mexico 87107 SITE F (505) 243-8211

SITE RETAINING WALL

