

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

May 1, 2019

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

RE: Legacy Apartments – Phase I
6501 Alameda Blvd NE
Engineer's Stamp Date: 09/15/16
Engineer's Certification Date: 12/12/18
Hydrology File: C18D064B
CPN #742484

PO Box 1293

Dear Mr. Soule:

Albuquerque

Based on the information provided in your submittal received 05/01/2019, the Engineer's Certification is approved for ROFG/SIA for Hydrology.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

NM 87103

Sincerely,

www.cabq.gov

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

Project Title: LEGACY NAA APTS **Building Permit #:** _____ **Hydrology File #:** C18-D064B
DRB#: _____ **EPC#:** _____ **Work Order#:** _____
Legal Description: lot 4-10&23-29 BLOCK 28 TRACT A UNIT B NAA
City Address: 6301 ALAMEDA

Applicant: VANDY INVESTMENTS, LLC **Contact:** _____
Address: 6501 EAGLE ROCK NE
Phone#: _____ **Fax#:** _____ **E-mail:** _____

Other Contact: RIO GRANDE ENGINEERING **Contact:** DAVID SOULE
Address: PO BOX 93924 ALB NM 87199
Phone#: 505.321.9099 **Fax#:** 505.872.0999 **E-mail:** david@riograndeengineering.com

TYPE OF DEVELOPMENT: ☐ PLAT ☐ RESIDENCE ☒ DRB SITE ☐ ADMIN SITE

Check all that Apply:

DEPARTMENT:
☒ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION

TYPE OF SUBMITTAL:
☒ ENGINEER/ARCHITECT CERTIFICATION
☐ PAD CERTIFICATION
☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE REPORT
☐ DRAINAGE MASTER PLAN
☐ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
☐ ELEVATION CERTIFICATE
☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ STREET LIGHT LAYOUT
☐ OTHER (SPECIFY) _____
☐ PRE-DESIGN MEETING?

IS THIS A RESUBMITTAL?: ☒ Yes ☐ No

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

☐ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY

☐ PRELIMINARY PLAT APPROVAL
☐ SITE PLAN FOR SUB'D APPROVAL
☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
☐ FINAL PLAT APPROVAL

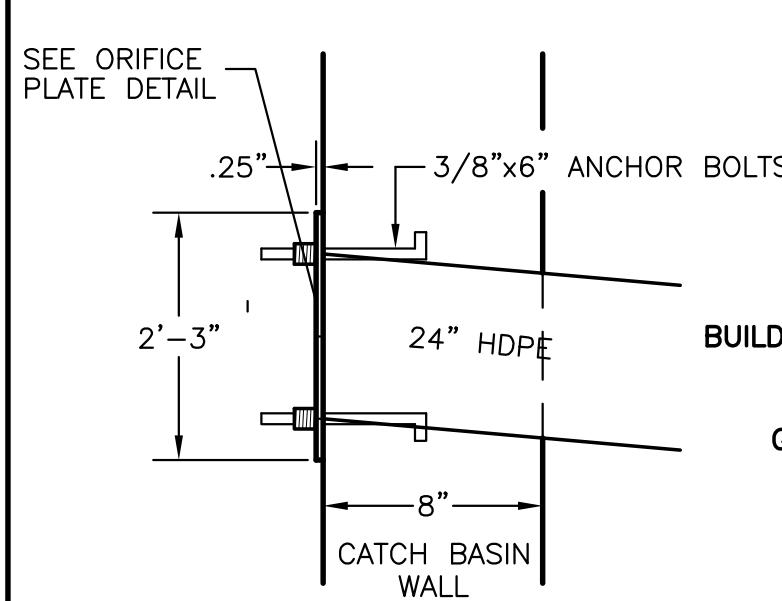
☒ SIA/ RELEASE OF FINANCIAL GUARANTEE
☐ FOUNDATION PERMIT APPROVAL
☐ GRADING PERMIT APPROVAL
☐ SO-19 APPROVAL
☐ PAVING PERMIT APPROVAL
☐ GRADING/ PAD CERTIFICATION
☐ WORK ORDER APPROVAL
☐ CLOMR/LOMR
☐ FLOODPLAIN DEVELOPMENT PERMIT
☐ OTHER (SPECIFY) _____

DATE SUBMITTED: _____ **By:** _____

COA STAFF:

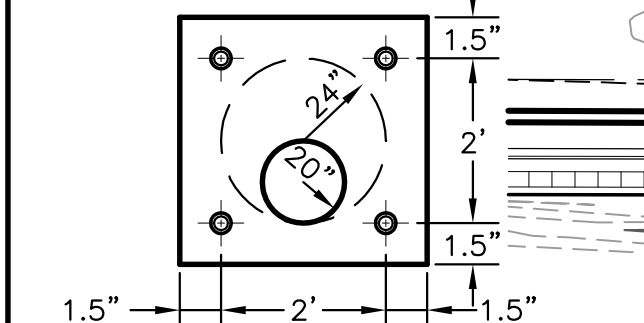
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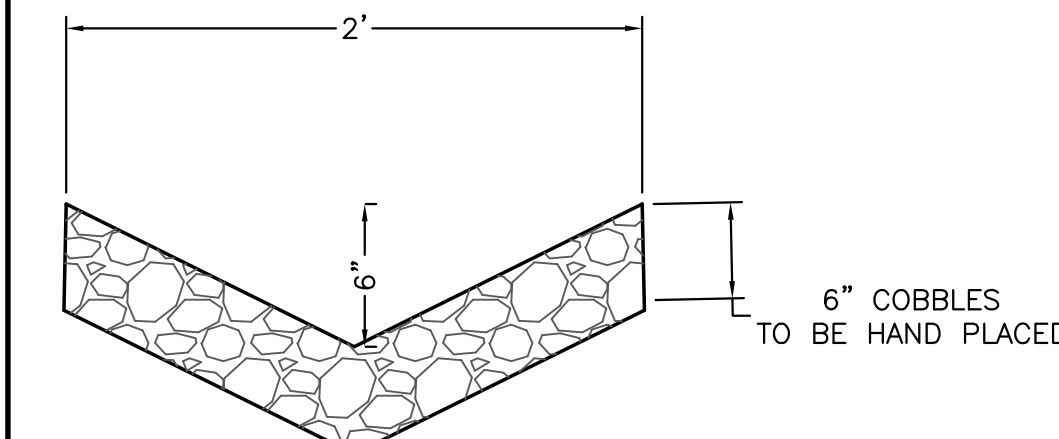


DETAIL A
TO BE INSTALLED @ THE OUTFLOW
OF THE CATCH BASINS (SEE THIS PLAN
FOR ORIFICE PLATE SIZES)

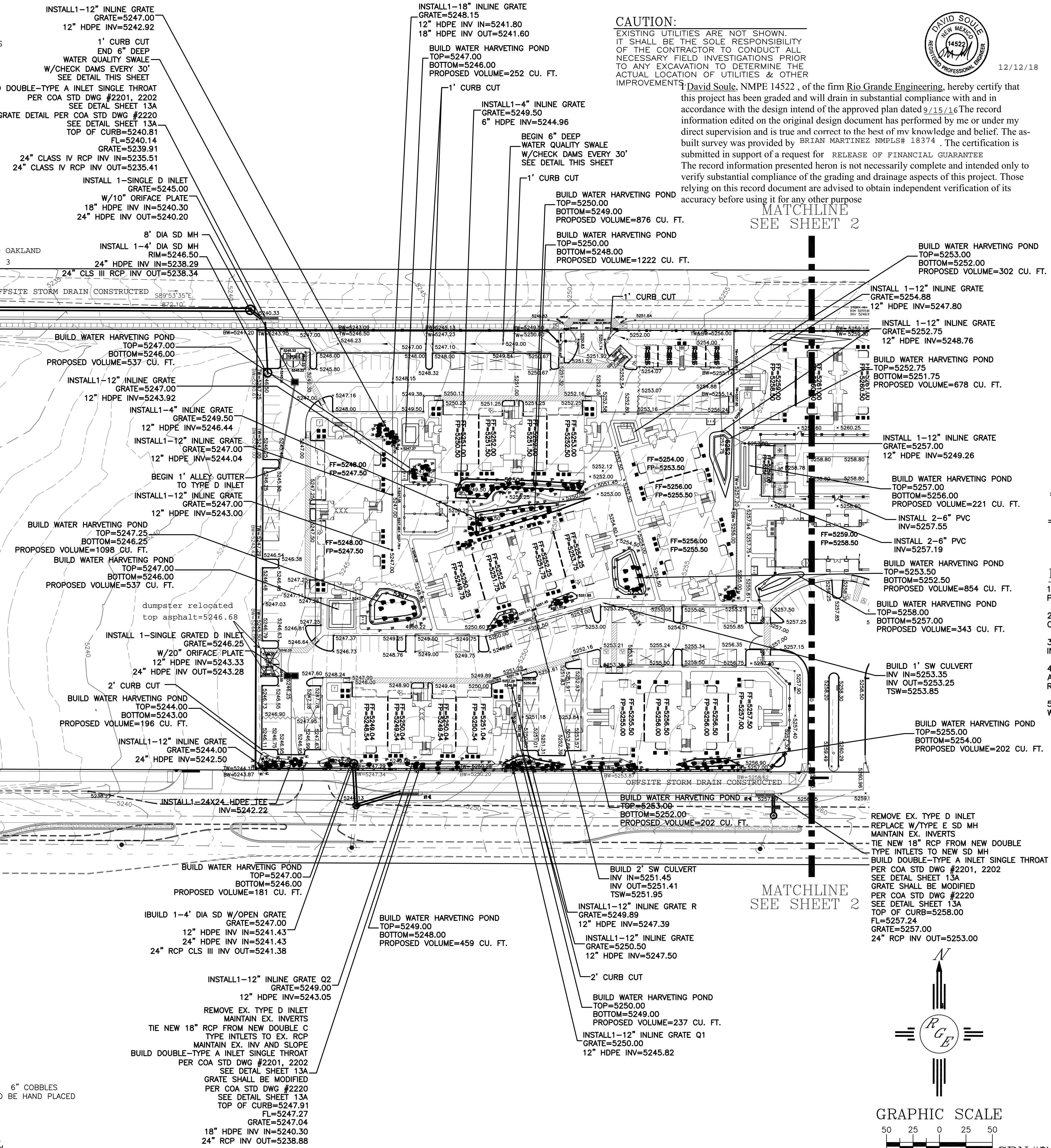
ADDITIONAL INLET AT LOUISIANA AND OAKLAND
FINANCIALLY GUARANTEED WITH PHASE 3



TYP. ORIFICE PLATE DETAIL
N.T.S.



WATER QUALITY COBBLE SWALE DETAIL
NTS

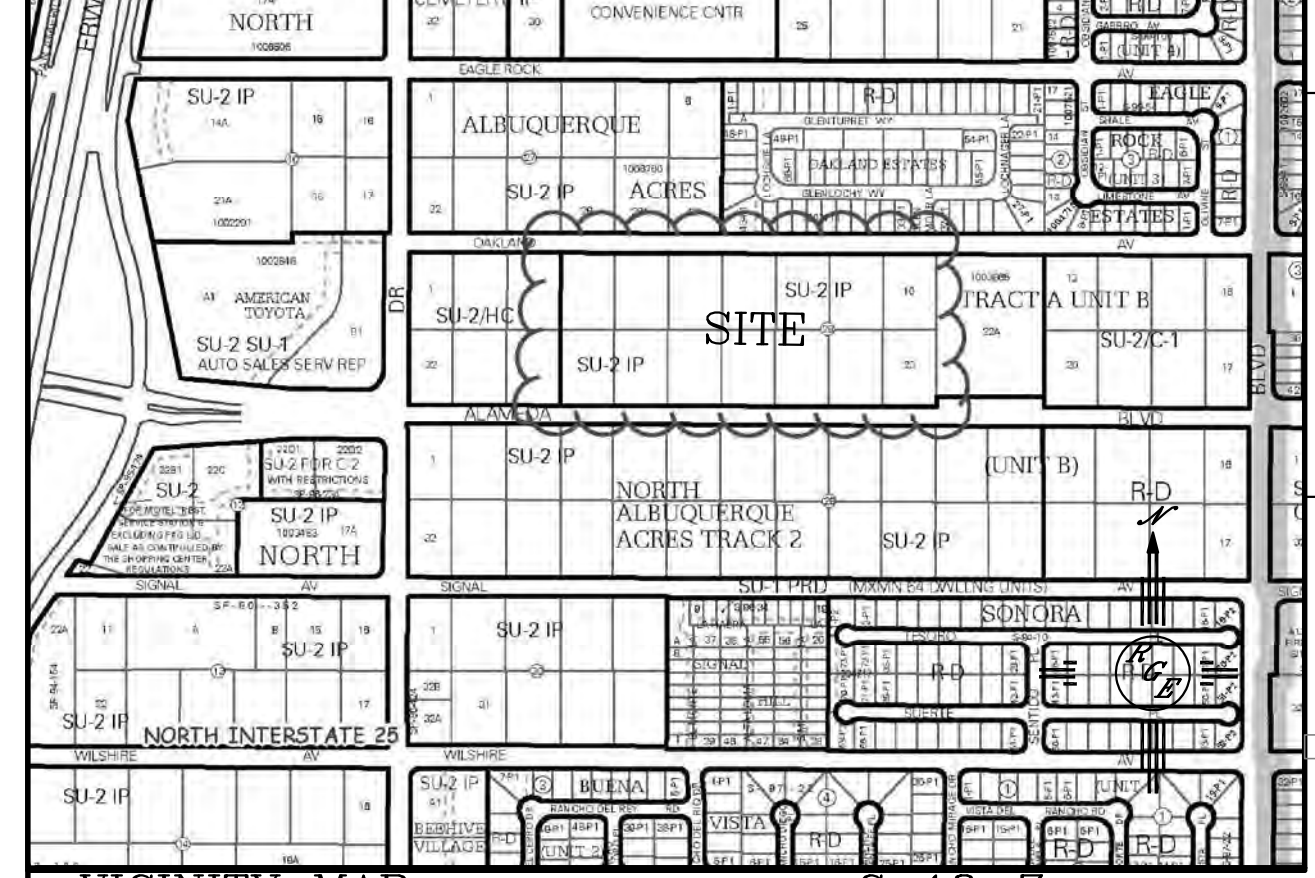


CAUTION:
EXISTING UTILITIES ARE NOT SHOWN.
IT SHALL BE THE SOLE RESPONSIBILITY
OF THE CONTRACTOR TO CONDUCT ALL
NECESSARY FIELD INVESTIGATIONS PRIOR
TO ANY EXCAVATION TO DETERMINE THE
ACTUAL LOCATION OF UTILITIES & OTHER
IMPROVEMENTS

David Soule, NMPE 14522, of the firm Rio Grande Engineering, 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 dated 9/15/16. The record
information edited on the original design document has been performed by me or under my
direct supervision and is true and correct to the best of my knowledge and belief. The as-
built survey was provided by BRIAN MARTINEZ NMPLS# 18374. The certification is
submitted in support of a request for RELEASE OF FINANCIAL GUARANTEE
The record information presented heron is not necessarily complete and intended only to
verify substantial compliance of the grading and drainage aspects of this project. Those
relying on this record document are advised to obtain independent verification of its
accuracy before using it for any other purpose



12/12/18



LEGAL DESCRIPTION:

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.
2. ALL RETAINING WALL DESIGN SHALL BE BY OTHERS.

EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
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LEGEND

- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED CONTOUR
- PROPOSED INDEX CONTOUR
- SLOPE TIE
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- BOUNDARY
- CENTERLINE
- RIGHT-OF-WAY
- PROPOSED CURB AND GUTTER
- EXISTING CURB AND GUTTER
- PROPOSED SIDEWALK
- PROPOSED SETBACK
- PROPOSED LOT LINE
- PROPOSED SCREEN WALL
- PROPOSED RETAINING WALL DESIGN BY OTHERS

GRADING AND DRAINAGE PLAN

Rio Grande Engineering
1606 CENTRAL AVENUE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 372-5939

DRAWN BY	WCWJ
DATE	8-30-16
21601-LAYOUT-1-07-16	
SHEET #	3A
JOB #	21601

ENGINEER'S SEAL

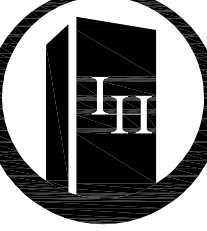


9/15/16

DAVID SOULE
P.E. #14522

LEGACY NAA
APARTMENTS
SAN PEDRO AND ALAMEDA
Albuquerque, New Mexico

Office of Rich Barber
ORB
Architecture, LLC
WorldHQ@ORBArch.com



LEGACY HOSPITALITY

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REVISIONS	
1	08/31/16 DESIGN TEAM COORDINATION
2	08/31/16 1ST CITY REVIEW
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DATE: AUGUST 01, 2016 ORB# 15-218

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12/12/18

BUILD DOUBLE-TYPE A INLET SINGLE THROAT
PER COA STD DWG #2201, 2202
SEE DETAIL SHEET 13A
GRATE SHALL BE MODIFIED
PER COA STD DWG #2220
SEE DETAIL SHEET 13A
TOP OF CURB=5262.82
FL=5262.28
GRATE=5261.92
18" RCP INV IN=5250.40
24" RCP INV OUT=5250.30
INSTALL 1-TYPE D INLET
GRATE=5261.03
12" HDPE INV IN=5257.09
18" HDPE INV OUT=5256.99

MATCHLINE
SEE SHEET 1

INSTALL 1-4' DIA SD MH
RIM=5262.50
18" HDPE INV IN=5256.19
18" CLS III RCP INV OUT=5256.14

INSTALL 1-12" INLINE GRATE
GRATE=5263.24
12" HDPE INV=5257.94

INSTALL 2-6" PVC
INV=5258.35

BUILD WATER HARVESTING POND
TOP=5262.00
BOTTOM=5261.00
PROPOSED VOLUME=590 CU. FT.

INSTALL 2-6" PVC
INV=5257.75

BUILD WATER HARVESTING POND
TOP=5258.35
BOTTOM=5257.35
PROPOSED VOLUME=343 CU. FT.

BUILD 2' SW CULVERT
INV IN=5258.35
INV OUT=5258.25
TSW=5258.75

BUILD 2' SW CULVERT
INV IN=5259.98
INV OUT=5259.88
TSW=5260.38

BUILD 2' SW CULVERT
INV IN=5259.98
INV OUT=5259.88
TSW=5260.38

MATCHLINE
SEE SHEET 1

BUILD WATER HARVESTING POND
TOP=5262.00
BOTTOM=5261.00
PROPOSED VOLUME=459 CU. FT.
BUILD WATER HARVESTING POND
TOP=5262.75
BOTTOM=5262.00
PROPOSED VOLUME=250 CU. FT.

REMOVE EX. TYPE D INLET
REPLACE W/TYPE E SD MH
MAINTAIN EX. INVERTS
TIE NEW 18" RCP FROM NEW DOUBLE A
TYPE INTLETS TO NEW SD MH
BUILD DOUBLE-TYPE A INLET SINGLE THROAT
PER COA STD DWG #2201, 2202
SEE DETAIL SHEET 13A
GRATE SHALL BE MODIFIED
PER COA STD DWG #2220
SEE DETAIL SHEET 13A
TOP OF CURB=5270.81
FL=5270.14
GRATE=5269.91
24" RCP INV OUT=5365.91

BUILD WATER HARVESTING POND
TOP=5264.00
BOTTOM=5263.00
PROPOSED VOLUME=432 CU. FT.

BUILD WATER HARVESTING POND
TOP=5264.00
BOTTOM=5263.00
PROPOSED VOLUME=689 CU. FT.

1' CURB CUT
END 6" DEEP
WATER QUALITY SWALE
W/CHECK DAMS EVERY 30'
SEE DETAIL THIS SHEET

BUILD WATER HARVESTING POND
TOP=5266.00
BOTTOM=5265.00
PROPOSED VOLUME=762 CU. FT.

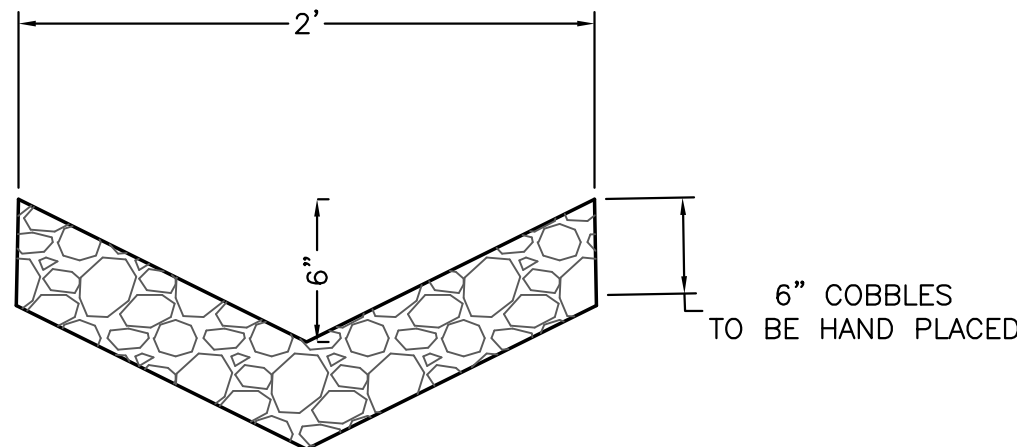
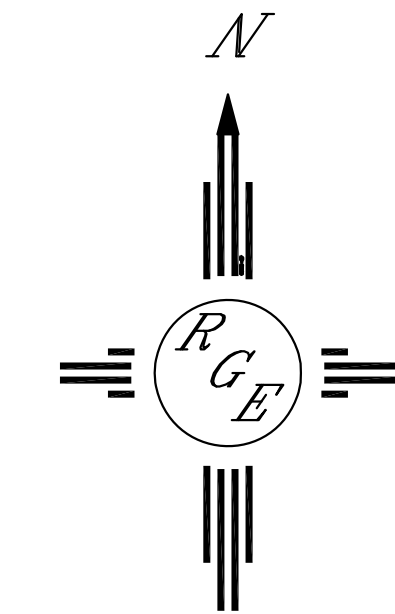
BUILD WATER HARVESTING POND
TOP=5265.00
BOTTOM=5264.00
PROPOSED VOLUME=876 CU. FT.

1' CURB CUT
BEGIN 6" DEEP
WATER QUALITY SWALE
W/CHECK DAMS EVERY 30'
SEE DETAIL THIS SHEET

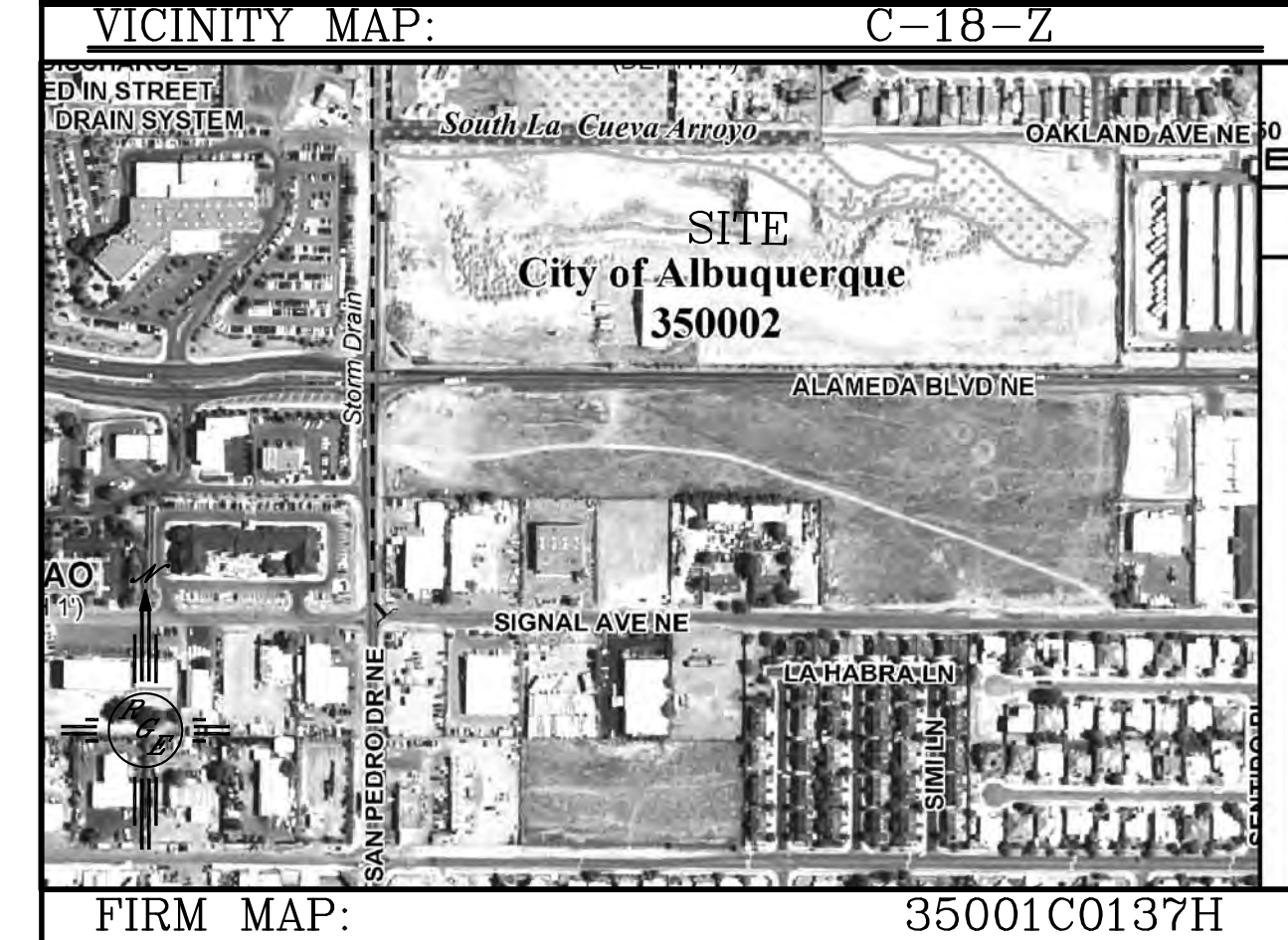
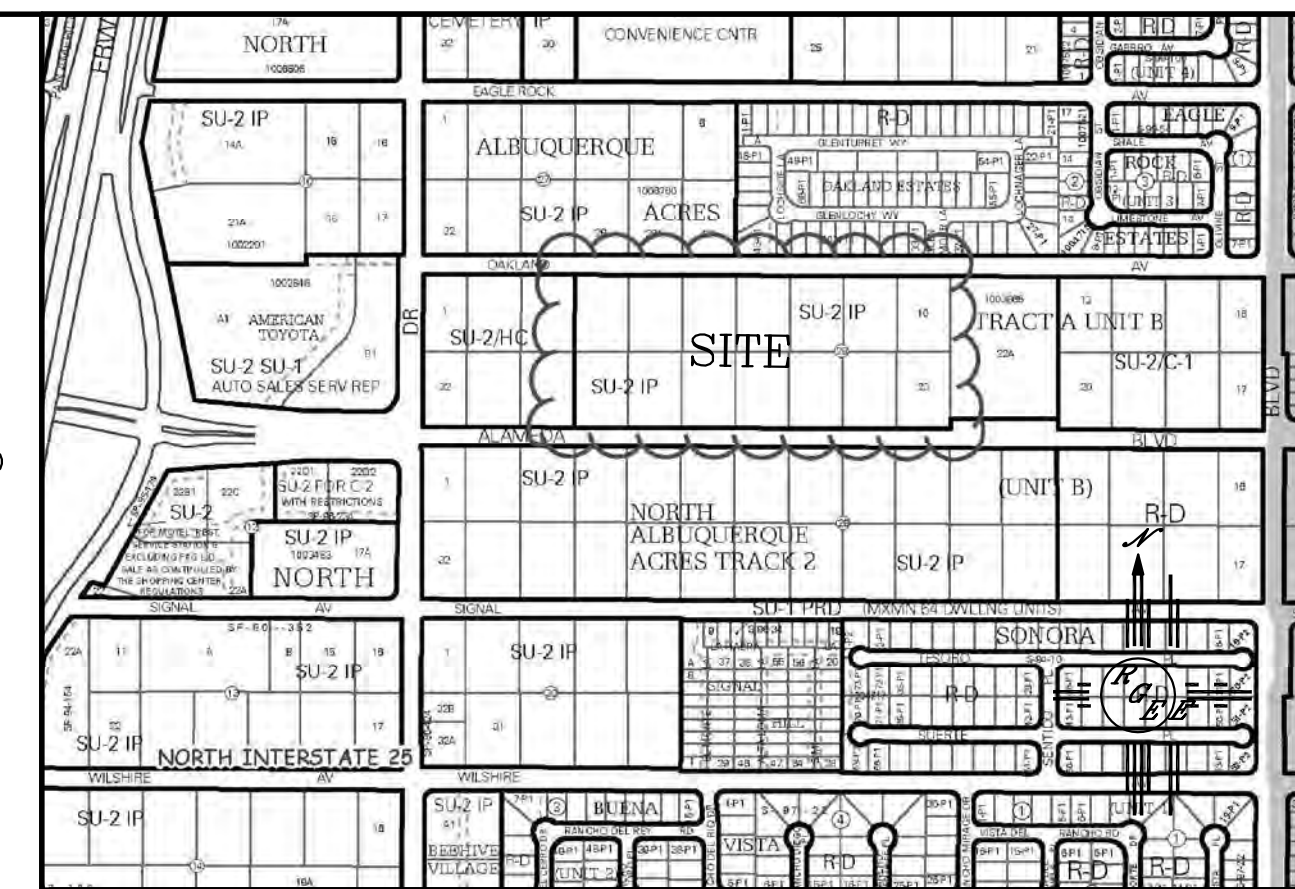
BUILD WATER HARVESTING POND
TOP=5269.00
BOTTOM=5268.00
PROPOSED VOLUME=418 CU. FT.

BUILD WATER HARVESTING POND
TOP=5268.50
BOTTOM=5267.50
PROPOSED VOLUME=1231 CU. FT.

OFFSITE STORM DRAIN CONSTRUCTED



WATER QUALITY COBBLE SWALE DETAIL



LEGAL DESCRIPTION:

NOTES:

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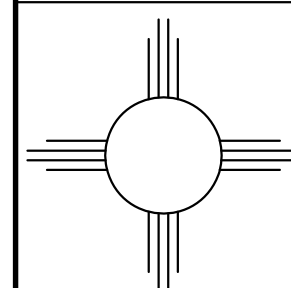
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LEGEND

---	EXISTING CONTOUR
---	EXISTING INDEX CONTOUR
---	PROPOSED CONTOUR
---	PROPOSED INDEX CONTOUR
---	SLOPE TIE
×	EXISTING SPOT ELEVATION
×	PROPOSED SPOT ELEVATION
---	BOUNDARY
---	CENTERLINE
---	RIGHT-OF-WAY
---	PROPOSED CURB AND GUTTER
---	EXISTING CURB AND GUTTER
---	PROPOSED SIDEWALK
---	PROPOSED SETBACK
---	PROPOSED LOT LINE
---	PROPOSED SCREEN WALL
---	PROPOSED RETAINING WALL DESIGN BY OTHERS

GRADING AND DRAINAGE PLAN



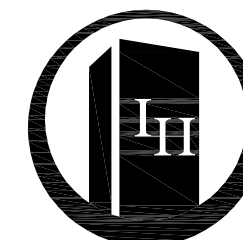
Rio Grande Engineering
1606 CENTRAL AVENUE
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ALBUQUERQUE, NM 87106
(505) 872-5999

DRAWN BY: WCUJ
DATE: 8-30-16
21601-LAYOUT-1-07-16
SHEET #: 3B
JOB #: 21601

ENGINEER'S SEAL
DAVID SOULE
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
9/15/16

LEGACY NAA
APARTMENTS
SAN PEDRO AND ALAMEDA
Albuquerque, New Mexico

Office of Rich Barber
Architecture, LLC
ORB
WorldHQ@ORBArch.com



LEGACY HOSPITALITY

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REVISIONS

1	08/31/16	DESIGN TEAM COORDINATION
2	08/31/16	1ST CITY REVIEW
3	2/28/18	SPOT ELEVATION CHNGS FOR DRAINAGE

2ND. CITY SUBMITTAL

DATE: AUGUST 01, 2016 ORB# 15-218

INSTALL 1-SINGLE D INLET
 GRATE=5245.00
 W/10" ORIFACE PLATE
 18" HDPE INV IN=5240.30
 24" HDPE INV OUT=5240.20

8' DIA SD MH
 INSTALL 1-4' DIA SD MH
 RIM=5246.50

24" HDPE INV IN=5238.29

24" CLS III RCP INV OUT=5238.34

S89°53'35"E
 872.10'

5240.33

BW=5244.20 HW=5243.92

5247.00

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INSTALL 1-SINGLE GRATED D INLET
 GRATE=5246.25
 W/20" ORIFACE PLATE
 12" HDPE INV=5243.33
 24" HDPE INV OUT=5243.28

2' CURB CUT

WATER HARVETING POND
 TOP=5244.00
 BOTTOM=5243.00
 SED VOLUME=196 CU. FT.

INSTALL 1-12" INLINE GRATE
 GRATE=5244.00
 24" HDPE INV=5242.50

TW=5244.10
 BW=5243.87

