

CITY OF ALBUQUERQUE



October 21, 2016

Richard J. Berry, Mayor

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

**RE: Springhill Suites
Grading and Drainage Plan
Engineer's Stamp Date – 9-22-16
Hydrology File: F17D006B**

Dear Mr. Soule:

Based upon the information provided in your submittal received 9-22-2016, the above referenced Grading and Drainage Plan is approved for ESC Building Permit/Grading Permit and approved for Site Plan for Building Permit.

Prior to Building Permit approval, Engineer Certification per the DPM checklist will be required.

If you have any questions, you can contact me at 924-3986.

Sincerely,

Abiel Carrillo, P.E.
Principal Engineer, Planning Dept.
Development Review Services

Orig: Drainage file



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 09/2015)

Project Title: _____ **Building Permit #:** _____ **City Drainage #:** F17D006B
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:** _____

Check all that Apply:

DEPARTMENT:

☐ HYDROLOGY/ DRAINAGE
☐ TRAFFIC/ TRANSPORTATION
☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

☐ ENGINEER/ ARCHITECT CERTIFICATION

☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ DRAINAGE MASTER PLAN
☐ DRAINAGE REPORT
☐ CLOMR/LOMR

☐ TRAFFIC CIRCULATION LAYOUT (TCL)
☐ TRAFFIC IMPACT STUDY (TIS)
☐ EROSION & SEDIMENT CONTROL PLAN (ESC)

☐ OTHER (SPECIFY) _____

CHECK 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

☐ PRE-DESIGN MEETING
☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

Abiel Carrillo, P.E.

Principal Engineer - Hydrology

Planning Department

Development Review Services Division

City of Albuquerque

600 2nd Street NW

Albuquerque, NM 87102

We have revised the plans to address your email comments from 3/11/2016. The following are your comments and our responses as to how we addressed are shown in red. We have enclosed the corrected grading plan.

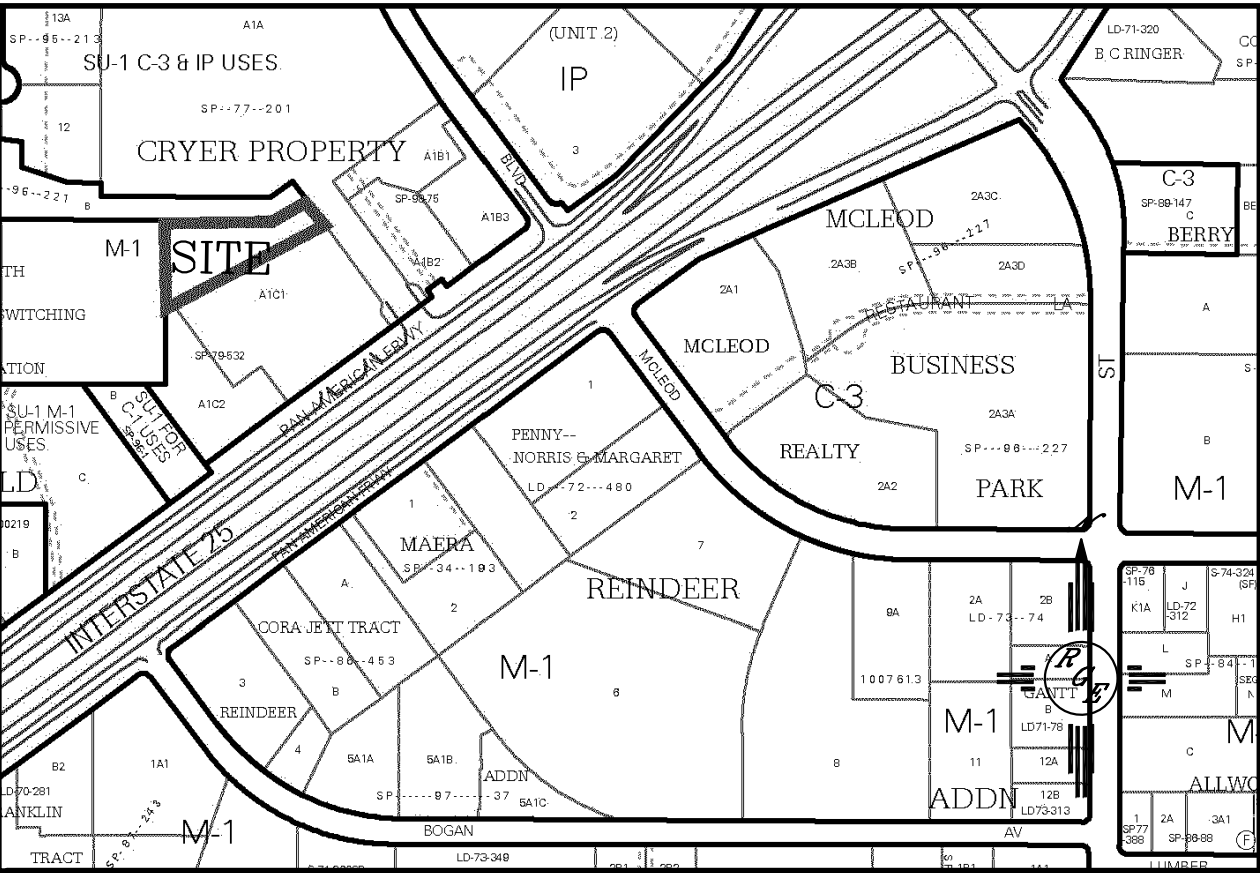
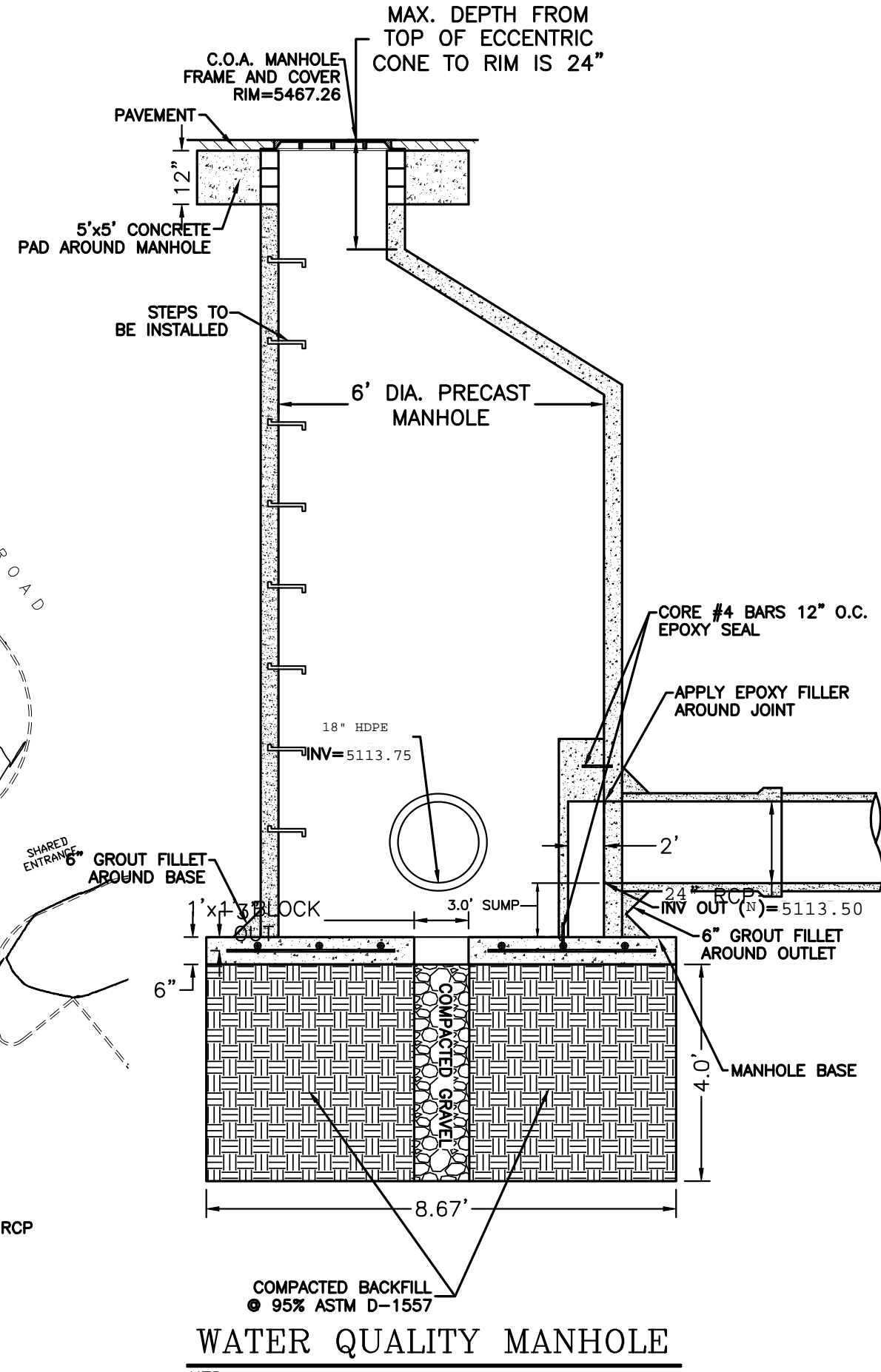
1. An Erosion and Sediment Control Plan is approved by the City's Storm Water Quality Engineer.
 - a. Please ensure that the ESC Plan conveys to the Contractor/Builder, that no discharge is allowed during construction onto the property/easement to the west owned by PNM.
An ESC has been prepared and discharge to adjacent properties are prevented by BMP's
2. A water quality manhole detail was added to this re-submittal, but it still appears to have elevation and sizing information from another project.
We have corrected this information
 - a. The baffle (which can be a pre-manufactured attachment), needs to have an anti-siphon opening at the top.
We have added 2- 1" holes at the top edge to provide to serve as an anti-siphon
3. As previously discussed, a floodplain permit will be needed prior to pulling an ESC/Grading Permit.
We have submitted this
4. Include benchmark information, unless it is to be shown on a separate sheet of the construction set.
We have Identified the ACS monument utilize in the notes section. We have identified two separate TBM's on the site as well

Sincerely,

David Soule, P.E.
Rio Grande Engineering of New Mexico, LLC
PO Box 93924
Albuquerque, NM 87199
505-321-9099 phone

EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.


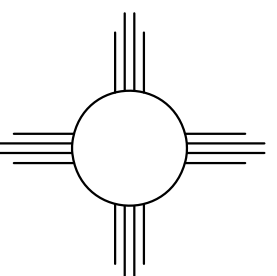


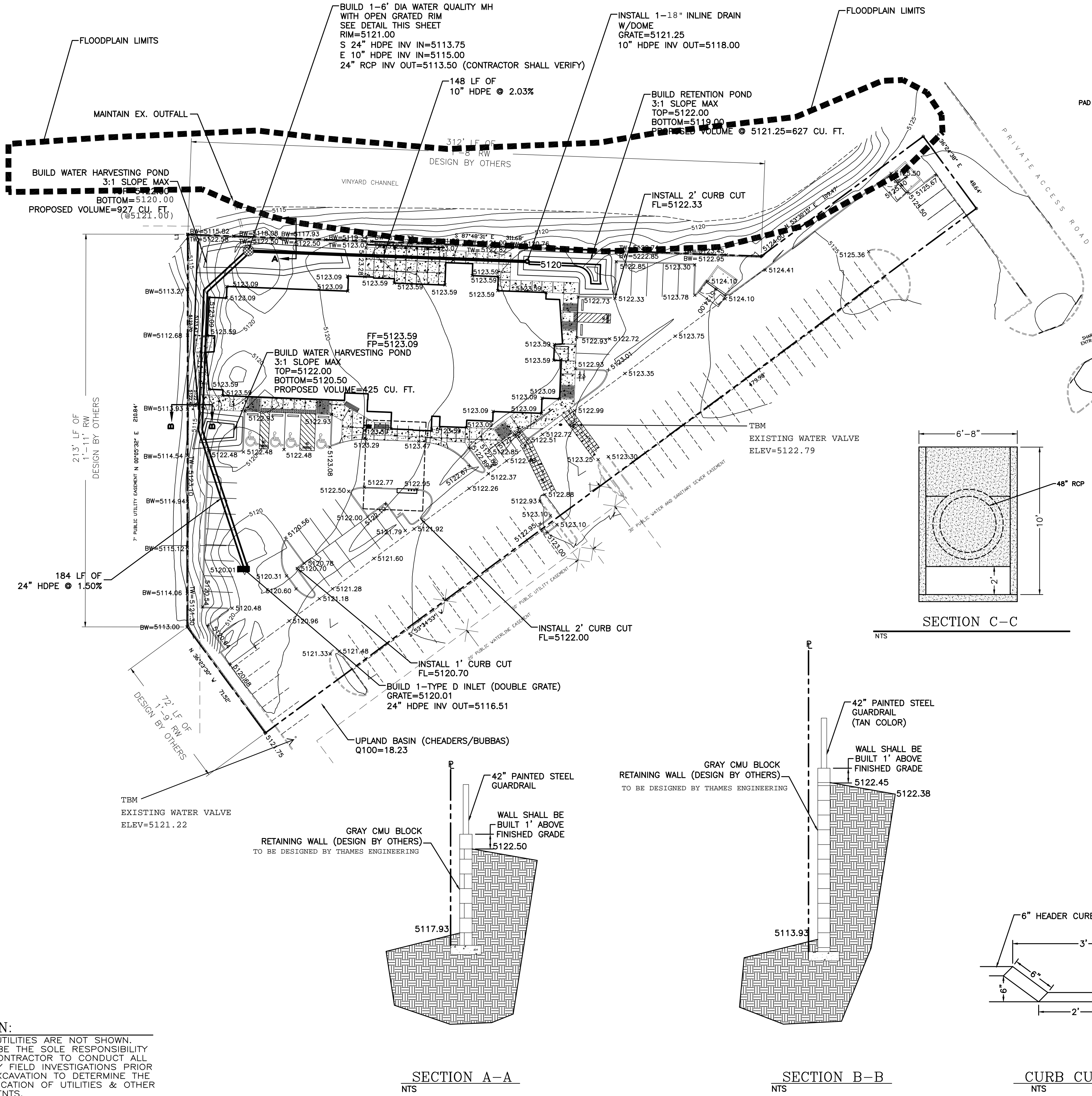
LEGEND

- 5414----- EXISTING CONTOUR
- 5415----- EXISTING INDEX CONTOUR
- 5414----- PROPOSED CONTOUR
- 5415----- 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-----
- LIMITS OF FLOODPLAIN-----

ROUGH GRADING APPROVAL

DATE

ENGINEER'S SEAL  9/22/16 2/16/16 DAVID SOULE P.E. #14522	4875 Pan American West Freeway NE GRADING AND DRAINAGE PLAN  <i>Rio Grande Engineering</i> 1806 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	DRAWN BY WCWJ DATE 2-01-16 21526-LAYOUT-10-21-15
		SHEET # C001 JOB # 21526



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.

Floodplain Development Permit Form

Planning Dept., City of Albuquerque

Section 1: General Provisions (Applicant to read and sign)

1. No work of any kind may start until a permit is issued.
2. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal regulatory requirements.
3. Applicant hereby gives consent to the Floodplain Administrator and his/her representative to make reasonable inspections required to verify compliance.
4. Applicant must provide a Critical Habitat for Threatened & Endangered Species report if working on or near an endangered species area.
5. The applicant certifies that all statements herein and in attachments to this application are, to the best of my knowledge, true and accurate.

Applicant Signature DM Date 9/22/16

Applicant Printed Name DAVID SOULE Phone #: 505.321.9099

Section 2: Proposed Development in Special Flood Hazard Area (to be completed by Applicant)

Brief Project Description _____

Paving a portion of a published AO-1 flood zone. No
insurable structures being constructed within said zone

Applicant is (check one): Owner _____ Builder _____ Engineer/Architect x

Project address/Legal Disc/Location: 4875 Pan American West Freeway

Description of Work in Special Flood Hazard Area (SFHA):

A. Development Activities

Clearing _____ Fill _____ Drilling _____ Excavation x

Watercourse Alteration _____ (Including Dredging and Channel Modifications)

Drainage Improvements _____ Road, Street or Bridge Construction x

Water or Sewer Line Installation _____ Paving _____ Walls, Fences _____

Storage of Materials/Equipment for more than a year. _____ Materials Volume (cu. Ft.) _____

Other (Please Specify) _____

B. Building Development and Building TypeNew Building ☒ Residential (1-4 Family) _____ Residential (More than 4 Family) _____Commercial ☒ Addition _____ Alteration _____ Demolition _____

Manufactured Home _____

If an addition or alteration:

Estimated Cost of structure before addition/alteration. _____

Estimated Cost of Project \$ 4,700,000 Percent of value (new/existing) 100%new**Is there a Grading & Drainage Plan associated with this work?** Yes ☒ No _____Drainage file Number: F17D006B**Section 3: Floodplain Determination (Completed by the Floodplain Administrator)**The proposed development is located in a SFHA Zone (circle one): A AE AH **AO**And is located on FIRM Panel: 3500100C0138hAnd is located in a Floodway: ☐ Yes ☐ No

BFE if Applicable: _____

Drainage File Number: F17D006B

Floodplain Permit Number: _____

Building Permit / Work Order #: T201691941

Site specific Instructions: _____

Signed: _____ Date: _____

Printed Name: _____

If proposed development is a building complete section 4.

Section 4: Requirements for building in a SFHA:

(To be completed by the Floodplain Administrator or Representative).

BFE (unless not available) _____ Minimum Finished Floor Elevation: _____

Minimum Lowest Adjacent Grade (LAG): _____

Change in water elevation (if in a Floodway): _____

Is flood-proofing required: YES ____ NO ____

If yes, method of flood-proofing: _____

Company certifying the flood-proofing: _____

An Elevation Certificate is required for structural development in a SFHA. A Certificate of Occupancy will not be granted until the Planning Department receives the Elevation Certificate.

Section 5: Post Development Certification:

A. For structural Development:

Elevation Certificate received on (Date): _____

Finished Floor Elevation: _____

Lowest adjacent grade: _____

The Floodplain Administrator or Representative verifies that the above information is acceptable ____ is not ____ acceptable per the City of Albuquerque Floodplain Ordinance.

B. The site was visually inspected on (Date) _____

Certificate of Occupancy approved on (Date) _____

Signature: _____ Date: _____

Printed Name: _____