

CITY OF ALBUQUERQUE



March 15, 2016

David Soule, PE
Rio Grande Engineering
1606 Central SE Suite 201
Albuquerque, NM 87106

**Re: Advanced Auto Parts
2807 San Mateo NE
Request Permanent C.O. - Accepted
Engineer's Stamp dated: 8-7-15 (H17D111)
Certification dated: 2-12-16**

Dear Mr. Soule,

Based on the Certification received 3/10/2016, the site is acceptable for release of Certificate of Occupancy by Hydrology.

PO Box 1293

If you have any questions, you can contact me at 924-3986 or Totten Elliott at 924-3982.

Albuquerque

Sincerely,

New Mexico 87103

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

www.cabq.gov

TE/AC

C: email Cordova, Camille C.; Connor, Francis; Miranda, Rachel; Sandoval,
Darlene M.



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:** _____

Check all that Apply:

DEPARTMENT:

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

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

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) _____

- PRE-DESIGN MEETING
- OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: Yes No

DATE SUBMITTED: _____ By: DAVID SOULE

COA STAFF: _____ ELECTRONIC SUBMITTAL RECEIVED: _____

PROJECT BENCHMARK & VERTICAL DATUM

ALL CORNERS FOUND IN PLACE AND HELD WERE TAGGED WITH A BRASS DISK STAMPED "LS 8686" OR WERE ILLEGIBLE UNLESS OTHERWISE INDICATED HEREON. ALL CORNERS THAT WERE SET ARE EITHER A 1/2" REBAR WITH CAP STAMPED "PS 14268" OR SET CHISELED "4" IN CONCRETE.

VERTICAL DATUM IS BASED UPON THE ALBUQUERQUE CONTROL SURVEY BENCHMARK "21-H18", ELEVATION = 5215.209 (NAVD 1988)

PROJECT BASIS OF BEARING

NEW MEXICO STATE PLANE GRID SYSTEM, AND OUR PROJECT BEARING IS "S 00D 03' 32" E" ALONG THE WESTERLY RIGHT OF WAY LINE OF SAN MATEO BOULEVARD, NE.

**PRIVATE DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY
NOTICE TO CONTRACTOR
(SPECIAL ORDER 19 ~ "SO-19")**

1. AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. 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.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT **NEW MEXICO ONE CALL, DIAL "811"** (OR (505) 260-1990) FOR THE LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THE FACILITY SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY BEING SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

DRAINAGE NOTES:

TABLE 1: BASIN SUMMARY RUNOFF TABLE

BASIN	DESIGN POINT	CONTRIBUTING AREA (AC)	IMPERVIOUS AREA (AC)**	BASIN IMPERVIOUSNESS	10-YEAR PEAK FLOW (CFS)	100-YEAR PEAK FLOW (CFS)
A		0.31	0.28	91.3%	0.91	1.38
B	1	0.16	0.16	100.0%	0.50	0.75
OS1*		0.03	0.02	74.9%	0.07	0.31
OS2*		0.01	0.00	0.0%	0.01	0.27
OS3		0.03	0.03	89.9%	0.10	0.25
OS4*		0.04	0.00	0.0%	0.04	0.10

* BASIN CONSIST OF ENTIRELY LANDSCAPED AREA (OS2 & OS4) OR PARTIALLY LANDSCAPED AREA (OS1).
** AREA OF LAND TREATMENT D

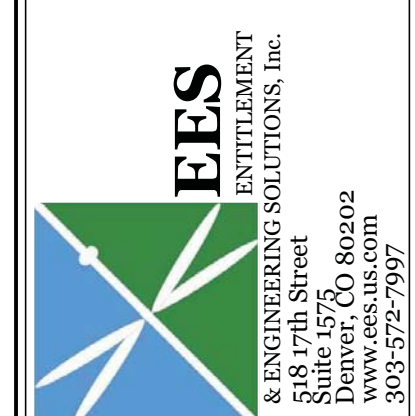
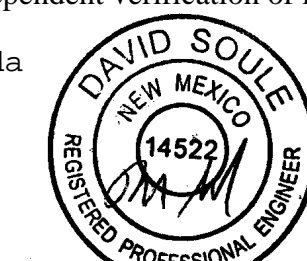
DRAINAGE LEGEND

- PROPERTY LINE
- 715 — EXISTING MAJOR CONTOUR
- 717 — EXISTING MINOR CONTOUR
- 715 — PROPOSED MAJOR CONTOUR
- 717 — PROPOSED MINOR CONTOUR
- PROPOSED STORM SEWER
- MAJOR BASIN BOUNDARY LINE
- PROPOSED 6" CURB
- FLOW ARROW
- PROPOSED STORM MANHOLE
- EXISTING STORM MANHOLE
- BASIN DESIGNATION
- IMPERVIOUS AREA (A_{imp}/A_{total})
- BASIN AREA IN ACRES
- ▲ DESIGN POINT
- XX.XX% SLOPE ARROW
- XXXX.X FL - FLOWLINE
- XXXX.X FFE - FINISHED FLOOR ELEVATION
- XXXX.X LP - LOW POINT
- XXXX.X TOW - TOP OF WALL
- XXXX.X BOW - BOTTOM OF WALL
- XXXX.X GB - GRADE BREAK
- XXXX.X FG - FINISHED GRADE SPOT ELEVATION
- XXXX.X BOC - BACK OF CURB
- XXXX.X ME - MATCH EXISTING



ZONE H-17 VICINITY MAP

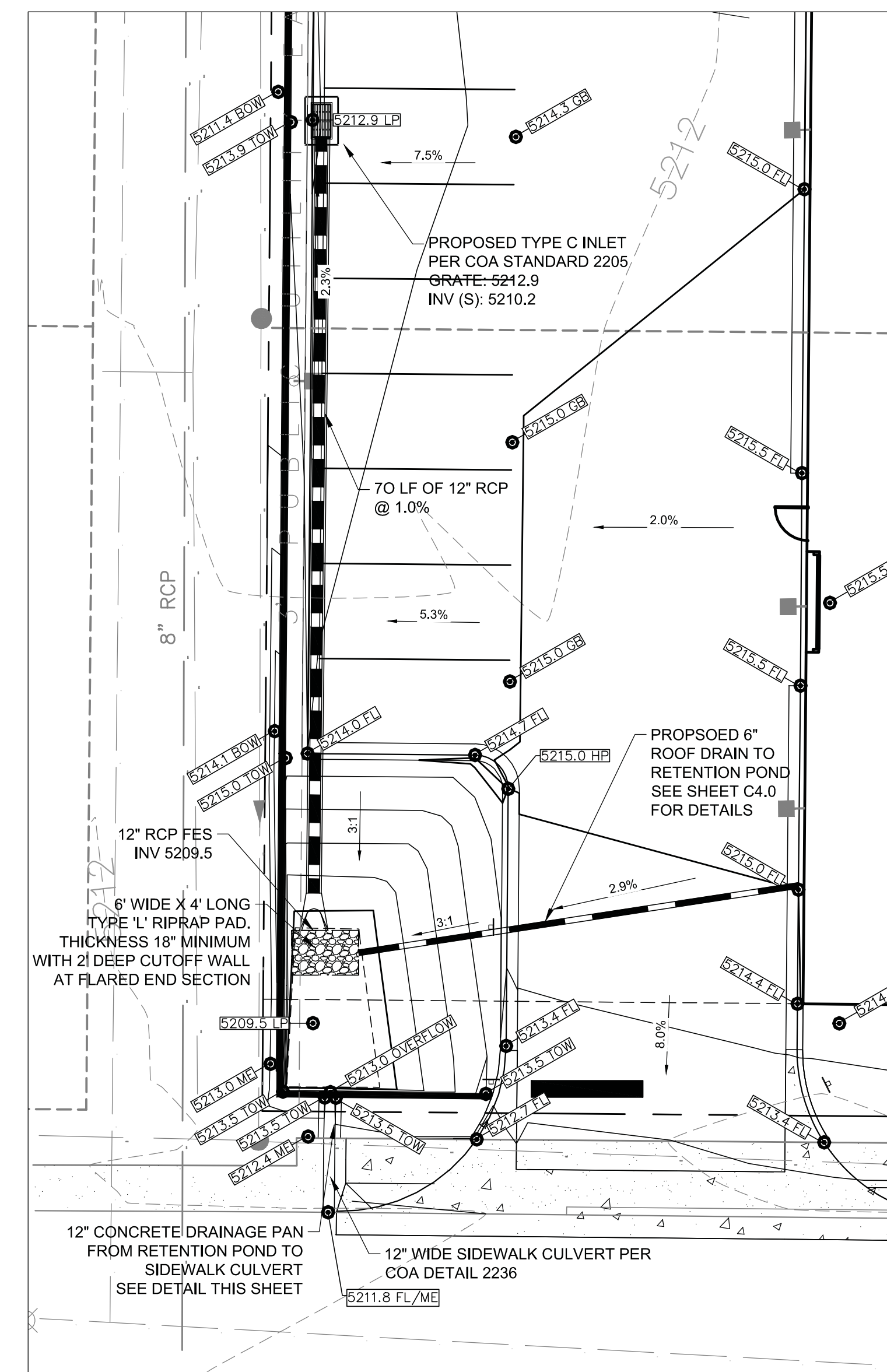
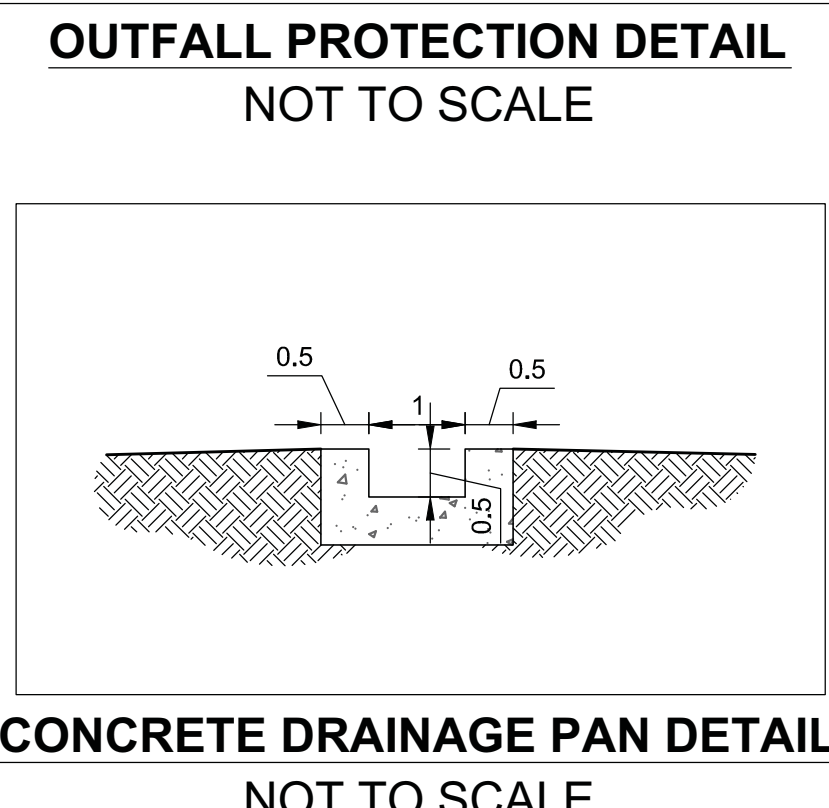
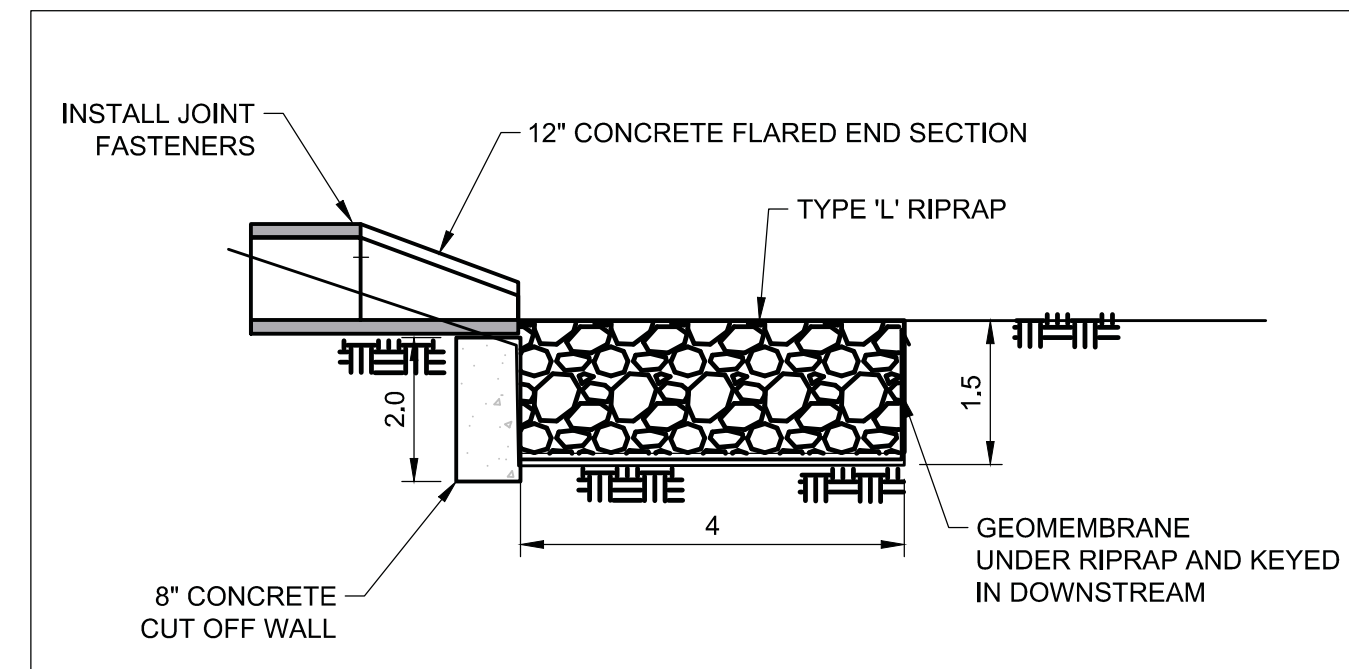
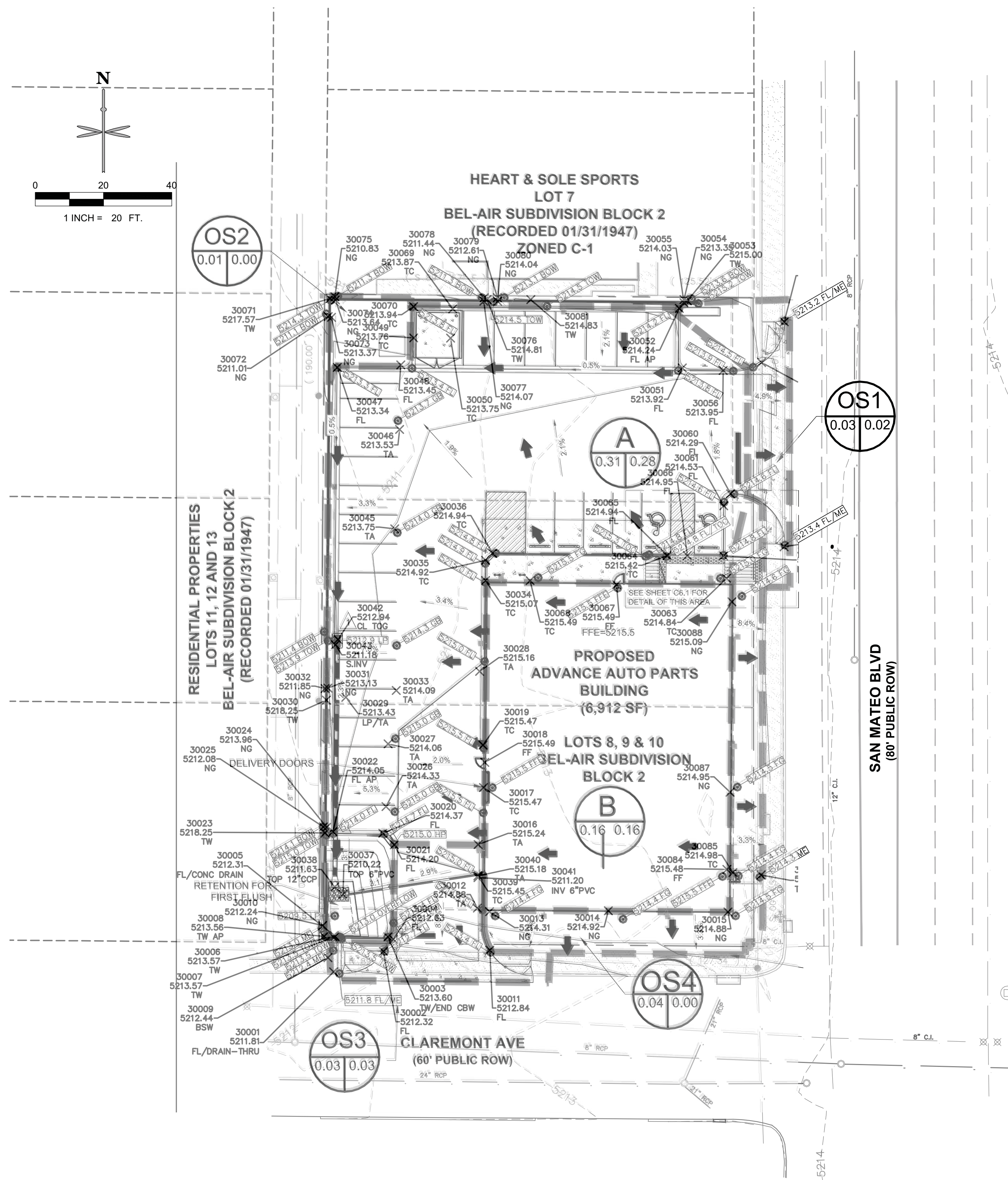
I David Soule, NMPE 14522, of the firm **Rio Grande Engineering**, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intend of the approved plan dated 8/7/15. The record information edited on the original design document has 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 Thomas Johnson 14269. The certification is submitted in support of a request for **PERMANENT CERTIFICATE OF**. 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. southwest driveway exceeds ada built slope less than plan



CONSTRUCTION DRAWINGS
ADVANCE AUTO PARTS
SAN MATEO BOULEVARD AND CLAREMONT AVENUE
DRAINAGE AND GRADING PLAN

PROJECT NO: CAD008.01
DESIGNED BY: JDC
DRAWN BY: JDC
DATE: 08/07/15

C5.0
SHEET 7 OF 13



© 2015, ALL RIGHTS RESERVED. P:\CADENM, ALBUQUERQUE, SAN MATEO\08 CAD\C5.0 DRAINAGE AREA PLAN.DWG

CITY OF ALBUQUERQUE



March 15, 2016

David Soule, PE
Rio Grande Engineering
1606 Central SE Suite 201
Albuquerque, NM 87106

**Re: Advanced Auto Parts
 2807 San Mateo NE
 Request Permanent C.O. - Accepted
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PO Box 1293

If you have any questions, you can contact me at 924-3986 or Totten Elliott at 924-3982.

Albuquerque

Sincerely,

A handwritten signature in black ink, appearing to read 'Abiel Carrillo', is written over the word 'Sincerely,'.

New Mexico 87103

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

www.cabq.gov

TE/AC

C: email Cordova, Camille C.; Connor, Francis; Miranda, Rachel; Sandoval,
Darlene M.