CITY OF ALBUQUERQUE

December 3, 2014

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

Re: Noon Day
2500 Second St NW
Request Permanent C.O. - Accepted
Engineer's Stamp dated: 12-5-13 (H14D067)
Certification dated: 11-26-14

Dear Mr. Soule,

Based on the Certification received 12/1/2014, the site is acceptable for release of Certificate of Occupancy by Hydrology.

If you have any questions, you can contact me at 924-3695 or Rudy Rael at 924-3977.

Sincerely,

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

C: RR/CC
email

PO Box 1293

Albuquerque

New Mexico 87103

www.cabq.gov

CITY OF ALBUQUERQUE

November 14, 2014

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

RE: **Noon Day, 2500 2nd St**
Grading and Drainage Plan
Engineers Stamp Date 12/05/13 (H14-D067)
Engineer's Certification Date 11/4/2014

Dear Mr. Soule,

Based on the Certification received 11/12/2014, the site is acceptable for a TEMPORARY 30-day Certificate of Occupancy by Hydrology.

Prior to permanent C.O., the following conditions must be met or repaired:

- provide calculations showing that the as-built width of the north sidewalk culverts is sufficient for drainage. It is built 17" wide but G&D calls for a 24" wide.
- On the north culvert, there is no expansion on both ends. Give room to have the 6" space for expansion on both ends. There is also no bar on street end of plate.
- The south culvert has a cracked center with missing concrete at face creating a tripping hazard. Recommendation is to remove south culvert, saw cut at cold joint ramp end.
- There is a cracked north side curb at cold joint through the back of curb, epoxy over bolts

If you have any questions, you can contact me at 924-3695.

Sincerely,

Rita Harmon, P.E.
Senior Engineer, Planning Dept.
Development Review Services

Orig: Drainage file
c.pdf: via Email: recipient, CO Clerks—Katrina Sigala, Francis Connor, Carol Quintana

PO Box 1293
Albuquerque
New Mexico 87103
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H14D067_CO_TEMP.doc

North Culvert ↓

North culvert plates 2 feet with 17 inch openings plan calls for two 24 inch.
Plate is welded but there is no expansion on both ends the plate is painted no other deficiencies

South culvert is a no pass cracked center with missing concrete at face tripping hazard.
Cracked north side curb at cold joint through back of curb, epoxy over bolts.
And no bar on street end of plate, openings are 17 inches.
Recommendation is to remove south culvert saw cut at cold joint ramp end.
North to give room to have the 6 inch space to expansion at both ends

↖ South Culvert ↗

City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 02/2013)

Project Title: Noon Day Building Permit #: _____ City Drainage #: H14/D067

DRB#: _____ EPC#: _____ Work Order#: _____

Legal Description: 23A1 Franciscan Addition

City Address: 2500 second street

Engineering Firm: RIO GRANDE ENGINEERING Contact: DAVID SOULE

Address: PO BOX 93924, ALBUQUERQUE, NM 87199

Phone#: 505.321.9099 Fax#: 505.872.0999 E-mail: DAVID@RIOGRANDEENGINEERING.COM

Owner: Noon Day Contact: _____

Address: 2500 second street1

Phone#: _____ Fax#: _____ E-mail: _____

Architect: Joe Simons Contact: Joe Simons

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

Surveyor: CONSTRUCTION SURVEY TECHNOLOGIES Contact: JOHN GALLEGOS

Address: _____

Phone#: 917.8921 Fax#: _____ E-mail: _____

Contractor: _____ Contact: _____

Address: _____

Phone#: _____ Fax#: _____ E-mail: _____

TYPE OF SUBMITTAL:

- ____ DRAINAGE REPORT
- ____ DRAINAGE PLAN 1st SUBMITTAL
- ____ DRAINAGE PLAN RESUBMITTAL
- ____ CONCEPTUAL G & D PLAN
- ____ GRADING PLAN
- ____ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ____ ENGINEER'S CERT (HYDROLOGY)
- ____ CLOMR/LOMR
- x TRAFFIC CIRCULATION LAYOUT (TCL)
- x ENGINEER'S CERT (TCL)
- ____ ENGINEER'S CERT (DRB SITE PLAN)
- ____ ENGINEER'S CERT (ESC)
- ____ SO-19
- ____ OTHER (SPECIFY)

CHECK TYPE OF APPROVAL/ACCEPTANCE 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
- x CERTIFICATE OF OCCUPANCY (PERM)
- ____ CERTIFICATE OF OCCUPANCY (TCL TEMP)
- ____ FOUNDATION PERMIT APPROVAL
- ____ BUILDING PERMIT APPROVAL
- ____ GRADING PERMIT APPROVAL
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- ____ WORK ORDER APPROVAL
- ____ GRADING CERTIFICATION

- ____ SO-19 APPROVAL
- ____ ESC PERMIT APPROVAL
- ____ ESC CERT. ACCEPTANCE
- ____ OTHER (SPECIFY)

WAS A PRE-DESIGN CONFERENCE ATTENDED: ____ Yes X No ____ Copy Provided

DATE SUBMITTED: 11/12/14 By: _____

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 followin

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
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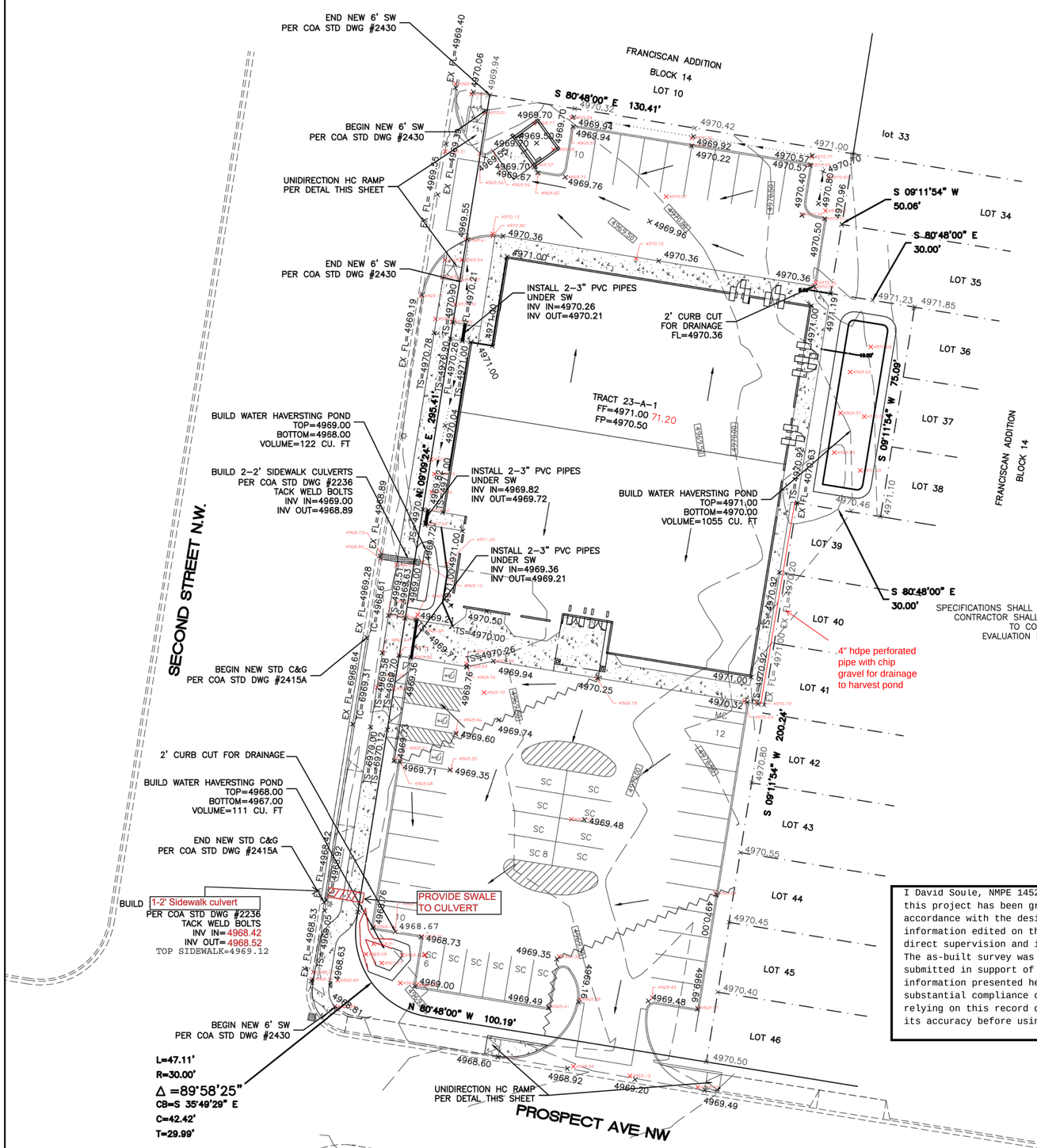


CAUTION:

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.

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.

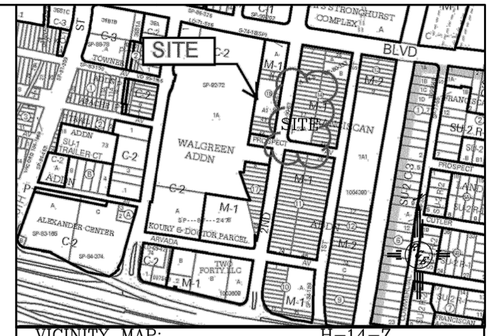
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.

PRIVATE DRAINAGE IMPROVEMNET IN PUBLIC ROW
NOTICE TO CONTRACTORS

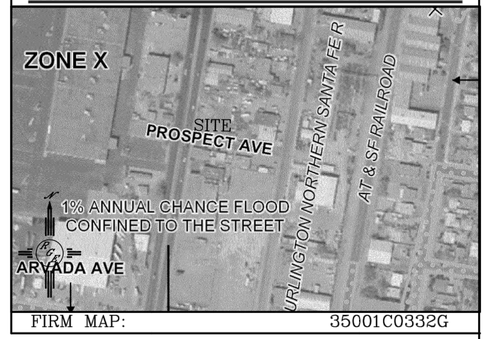
Notice to Contractor
(Special Order 19 ~ "SO-19")

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.
8. Prior to pouring concrete, contractor shall notify the storm drain inspector, 857-8074, to inspect reinforcement.

APPROVAL	NAME	DATE
INSPECTOR		



VICINITY MAP: H-14-Z



FIRM MAP: 35001C0332G

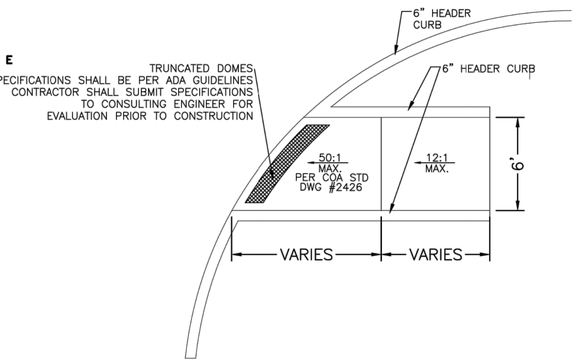
LEGAL DESCRIPTION:

TRACT 23-A-1, FRANSICAN ADDITION

NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.

2. ALL CURB AND GUTTER TO 6" HEADER UNLESS OTHERWISE NOTED.



UNIDIRECTIONAL WHEELCHAIR RAMP DETAIL (TYP.)
NTS

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 dated12/05/13. 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 DAVID ACOSTA NMPS 21082. The certification is submitted in support of a request for PERMANENT CERTIFICATE OF OCCUPANCY. 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.

DAVID SOULE NEW MEXICO 14522 REGISTERED PROFESSIONAL ENGINEER

11/4/14

LEGEND

- 5414 — EXISTING CONTOUR
- 5415 — EXISTING INDEX CONTOUR
- 5414 — PROPOSED CONTOUR
- 5415 — PROPOSED INDEX CONTOUR
- FLOW — 3:1 SLOPE TIE MAX.
- FLOW LINE
- × 4048.25 — EXISTING SPOT ELEVATION
- RIGHT-OF-WAY
- × 4048.25 — PROPOSED SPOT ELEVATION
- PROPOSED CURB
- BOUNDARY
- EXISTING CURB AND GUTTER
- PROPOSED CONCRETE SIDEWALK
- BREAK LINE

N

GRAPHIC SCALE

20 10 0 10 20

SCALE: 1"=20'

ENGINEER'S SEAL	NOONDAY	DRAWN BY WCWJ
DAVID SOULE NEW MEXICO 14522 REGISTERED PROFESSIONAL ENGINEER	GRADING AND DRAINAGE PLAN	DATE 12-05-13
12-05-13		21344-LAYOUT-10-16-13
DAVID SOULE P.E. #14522	Rio Grande Engineering 1606 CENTRAL AVENUE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	SHEET # —
		JOB # 21344

City of Albuquerque

Planning Department

Development & Building Services Division

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(REV 02/2013)

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RIO GRANDE ENGINEERING OF NEW MEXICO, LLC

November 26, 2014

Mr. Curtis Cherne, PE
Section head
Hydrology
City of Albuquerque

RE: Grading and Drainage Plan
Noon Day (H14-D067D)

Dear Mr. Cherne:

The purpose of this letter is to accompany the enclosed calculation to prove the proposed 2' sidewalk culvert that was constructed as a 16" culvert has the capacity to convey the contributing flow. Should you have any questions regarding this re-submittal, please do not hesitate to call me.

Sincerely,

David Soule, PE
Rio Grande Engineering
505.321.9099

Sidewalk culvert

Weir Equation:

$$Q=CLH^{3/2}$$

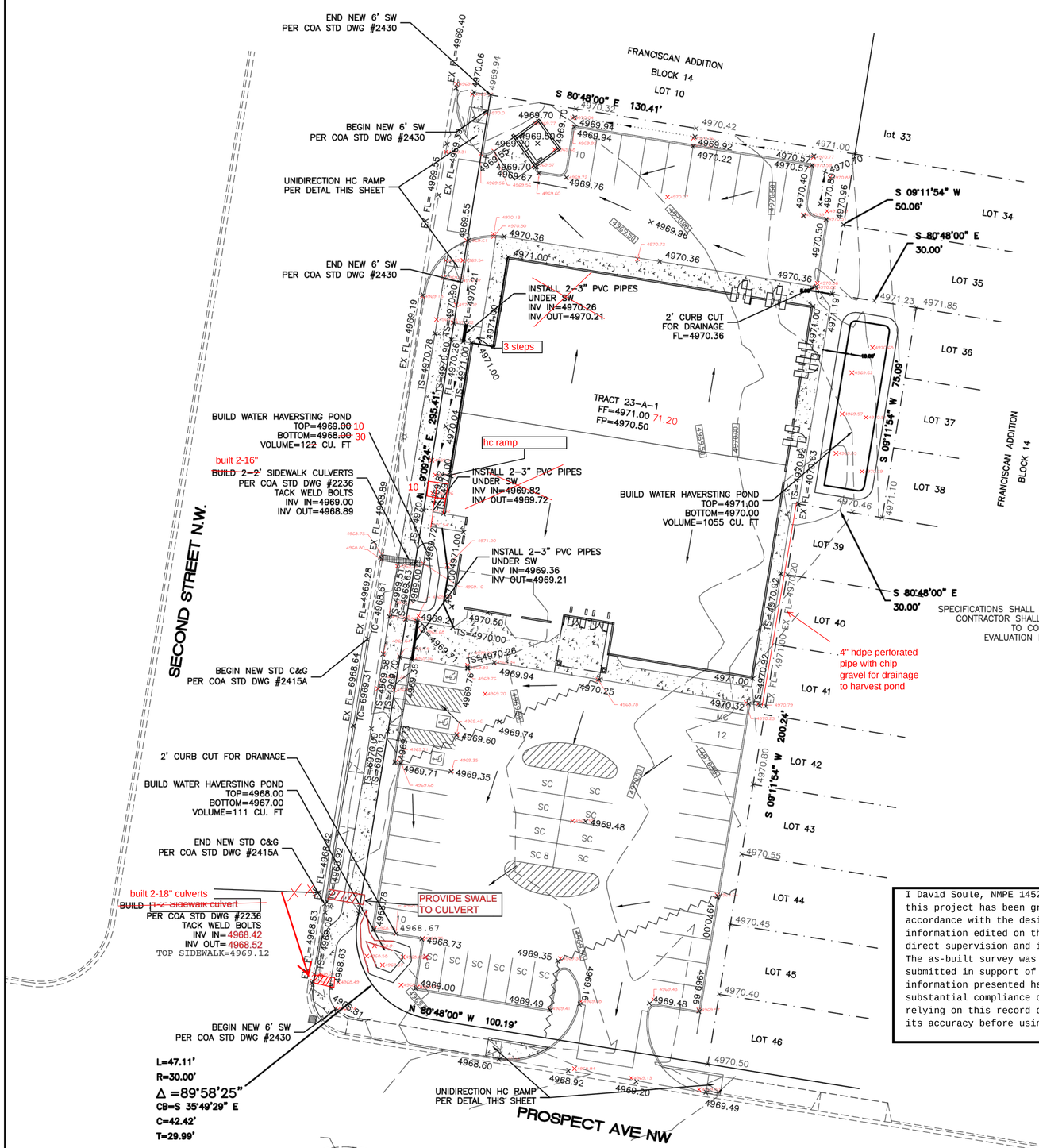
Q= 1.85(basin a) & 0.65(basin b)
C = 2.95
H = 0.5 ft
L = Length of weir

Q=2.95x1.5x.67^(1.5)=2.42

there are two culvets so

Q allowable = 4.84cfs > Q required=1.85

11/29/14



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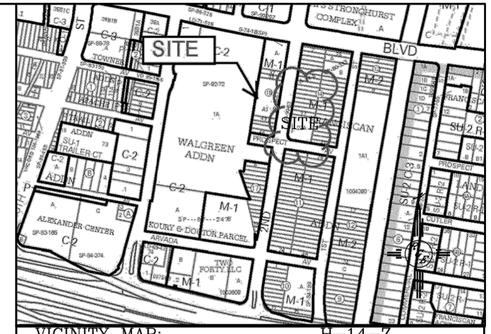
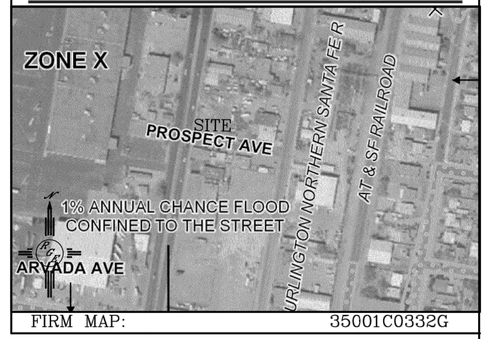
INSPECTOR		





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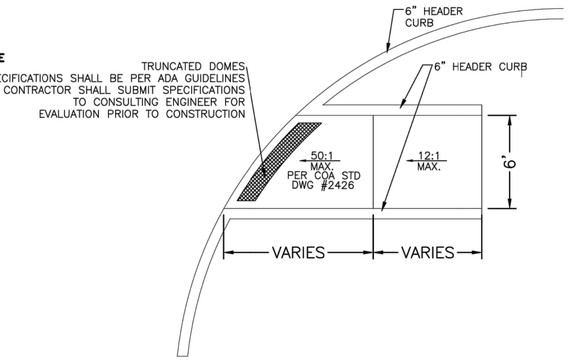

UNIDIRECTIONAL WHEELCHAIR RAMP DETAIL (TYP.)
NTS

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DAVID SOULE NEW MEXICO 14522 REGISTERED PROFESSIONAL ENGINEER

11/26/14

N

GRAPHIC SCALE

20 10 0 10 20

SCALE: 1"=20'

ENGINEER'S SEAL

DAVID SOULE NEW MEXICO 14522 REGISTERED PROFESSIONAL ENGINEER

12-05-13

DAVID SOULE
P.E. #14522

NOONDAY

GRADING AND DRAINAGE PLAN

Rio Grande Engineering
1606 CENTRAL AVENUE
SUITE 201
ALBUQUERQUE, NM 87106
(505) 872-0999

DRAWN BY WCWJ

DATE 12-05-13

21344-LAYOUT-10-16-13

SHEET # —

JOB # 21344