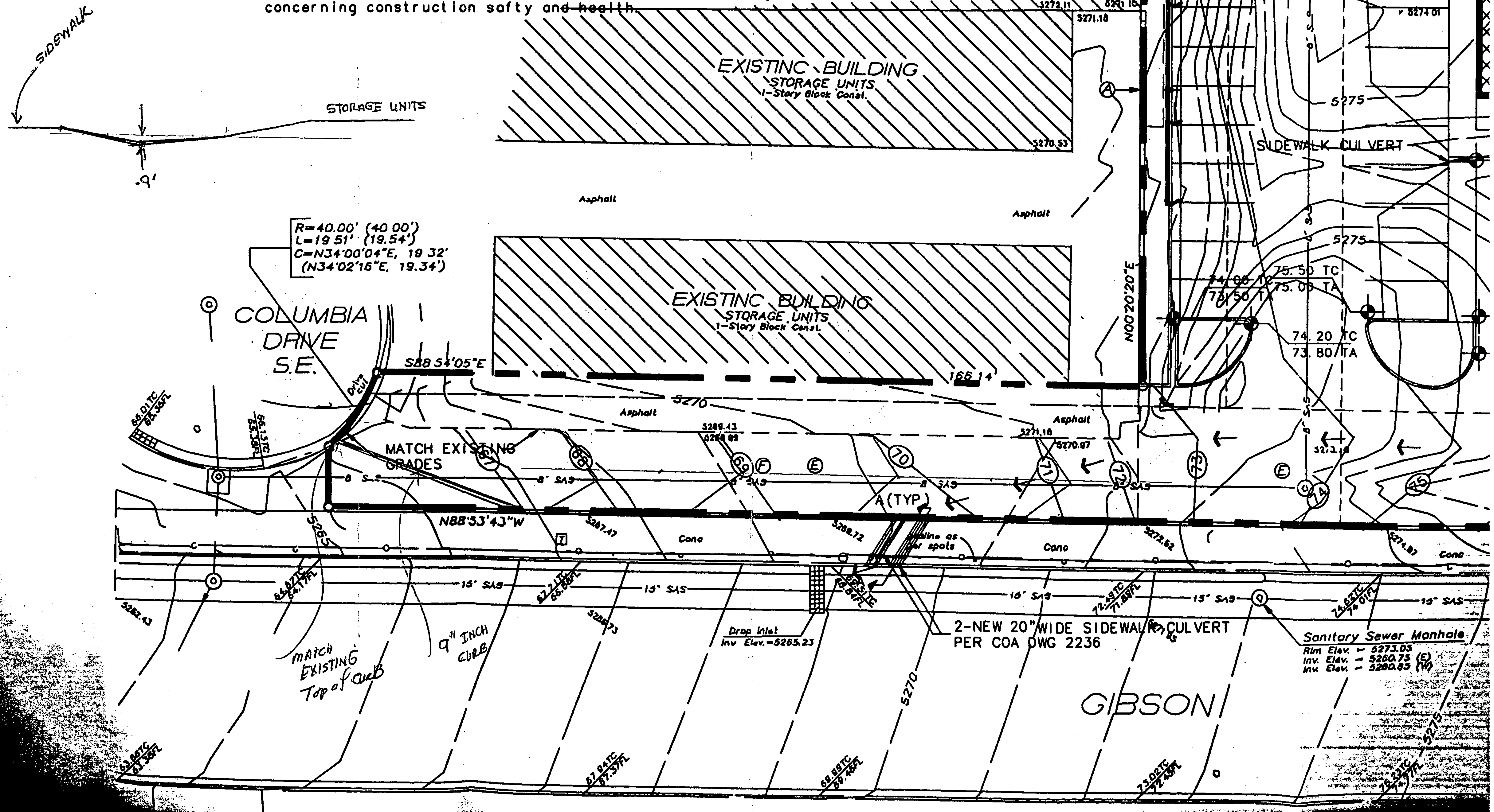


4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all construction. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to residential use.
6. 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.



Triangular Channel Analysis & Design
Open Channel - Uniform flow

Worksheet Name: VFW SITE ON GIBSON

Comment: capacity calculations

Solve For Depth

Given Input Data:

Left Side Slope..	4.00:1 (H:V)
Right Side Slope..	4.00:1 (H:V)
Manning's n.....	0.013
Channel Slope....	0.0335 ft/ft
Discharge.....	8.50 cfs

Computed Results:

Depth.....	0.51 ft
Velocity.....	8.23 fps
Flow Area.....	1.03 sf
Flow Top Width...	4.07 ft
Wetted Perimeter..	4.19 ft
Critical Depth...	0.78 ft
Critical Slope...	0.0035 ft/ft
Froude Number....	2.88 (flow is Supercritical)

CURB OPENING DROP INLET
SUMP CONDITION

VF-W SITE ON GIBSON & COLUMBIA SE

Flow depth, y.....	0.50 feet	(v/h) percentage	75 %
Inlet length, L.....	6.0 feet		
Lateral Width, W.....	2.00 feet	Weir flow.....	7.81 cfs
Orifice height, h.....	0.67 feet	Orifice flow.....	8.77 cfs

Triangular Channel Analysis & Design
Open Channel - Uniform flow

Worksheet Name: VFW SITE ON GIBSON

Comment: capacity calculations

Solve For Depth

Given Input Data:

Left Side Slope..	2.00:1 (H:V)
Right Side Slope.	2.00:1 (H:V)
Manning's n.....	0.013
Channel Slope....	0.0335 ft/ft
Discharge.....	8.50 cfs

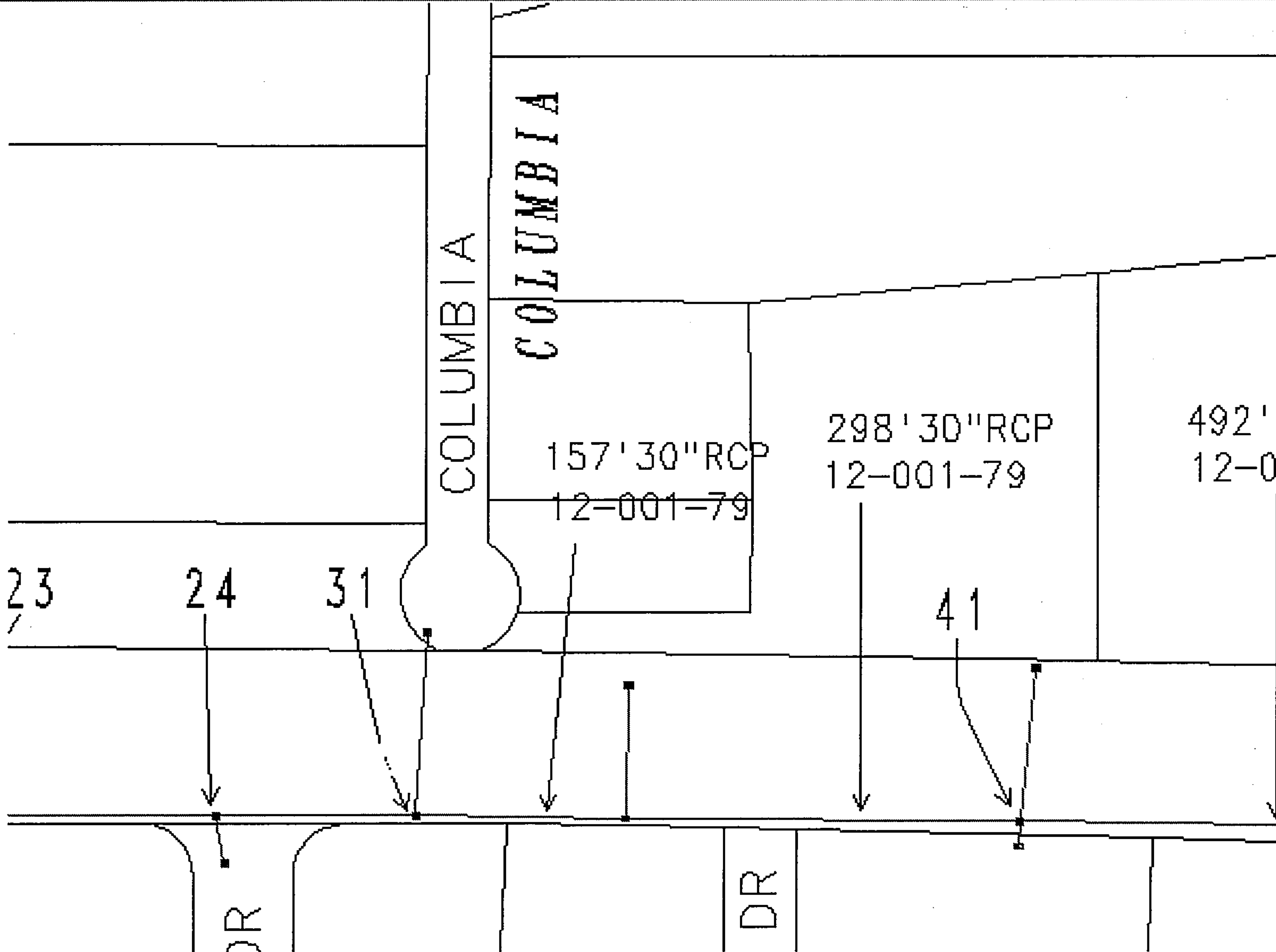
Computed Results:

Depth.....	0.67 ft
Velocity.....	9.39 fps
Flow Area.....	0.90 sf
Flow Top Width...	2.69 ft
Wetted Perimeter.	3.01 ft
Critical Depth...	1.02 ft
Critical Slope...	0.0036 ft/ft
Froude Number....	2.85 (flow is Supercritical)

к,у: 3.35876,4.73671

dx,dy: 0.70128,3.53100

```
dist: 3.59997
```



DRAINAGE INFORMATION SHEET

APPLICANT'S NAME: VFW POST #401 ZONE ATLAS/DRNG. FILE #: L16-D24A

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: _____

CITY ADDRESS: 2011 Girard SE

ENGINEERING FIRM: R.G. Lee Engineering CONTACT: Herman Hood

ADDRESS: 516 Tomasita St. NE PHONE: 296-5397

OWNER: VFW Post #401 CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: Jim Miller CONTACT: _____

ADDRESS: _____ PHONE: 884-1255

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: Hill Building Co. CONTACT: Larry Hill

ADDRESS: _____ PHONE: _____

TYPE OF SUBMITTAL:

- ☐ DRAINAGE REPORT
- ☐ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION
- ☐ OTHER _____

PRE-DESIGN MEETING:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ BUILDING PERMIT APPROVAL
- ☒ CERTIFICATE OF OCCUPANCY APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ S.A.D. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- ☐ SUBDIVISION CERTIFICATION
- ☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: 12/2/98

BY: H. Hood.

R E C E I V E D
DEC 02 1998
HYDROLOGY SECTION



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 2, 1998

R.G. Lee
R.G. Lee Engineering
516 Tomasita St. NE
Albuquerque, New Mexico 87123

RE: ENGINEER CERTIFICATION FOR VFW POST # 401 (L16-D24A) CERTIFICATION
STATEMENT DATED 12/2/98

Dear Mr. Lee:

Based on the information provided on your December 2, 1998 submittal, Engineer Certification for the above referenced site is acceptable.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
File

Sincerely

Bernie J. Montoya CE
Associate Engineer

HILL BUILDING COMPANY
2400 RIO GRANDE BLVD. NW, SUITE 1-312
ALBUQUERQUE, NM 87104
505-344-9070
Fax: 505-344-8991

NOV 25, 1998

MR. BONNIE MONTAÑA
HYDROLOGY
CITY OF ALBUQUERQUE
ALBUQUERQUE, NM

RE: VFW POST 40,
2011 GILMAN SE.
ALBUQUERQUE, NM

MR. MONTAÑA,

THIS IS TO INFORM YOU THAT I HAVE MADE
ARRANGEMENTS FOR THE HYDROLOGY WORK DONE
AT THE ABOVE REFERENCED PROJECT TO BE
COMPLETED WITHIN TEN DAYS. I WOULD LIKE YOU
TO ISSUE A CONDITIONAL APPROVAL SO I CAN
GET A TEMPORARY CERTIFICATE OF OCCUPANCY.

THANK YOU,

Erin Hill

ERIN M. HILL
HILL BUILDING COMPANY

DRAINAGE INFORMATION SHEET

APPLICANT'S NAME: VFW Post #401 ZONE ATLAS/DRNG. FILE #: L16-D24A

DRB #: _____ EPC #: _____ WORK ORDER #: _____

LEGAL DESCRIPTION: _____

CITY ADDRESS: 2011 Girard SE.

ENGINEERING FIRM: R.G. Lee CONTACT: 822-8999

ADDRESS: 82 PHONE: _____

OWNER: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

ARCHITECT: Miller & Assoc CONTACT: Jim Miller

ADDRESS: 2823 Richmond NE PHONE: 384-1255

SURVEYOR: _____ CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: Hill Bldg CONTACT: Larry Hill

ADDRESS: _____ PHONE: 344-9070

TYPE OF SUBMITTAL:

- ☒ DRAINAGE REPORT
- ☐ DRAINAGE PLAN
- ☐ CONCEPTUAL GRADING & DRAINAGE PLAN
- ☐ GRADING PLAN
- ☐ EROSION CONTROL PLAN
- ☐ ENGINEER'S CERTIFICATION
- ☐ OTHER _____

PRE-DESIGN MEETING:

- ☐ YES
- ☐ NO
- ☐ COPY PROVIDED

CHECK TYPE OF APPROVAL SOUGHT:

- ☐ SKETCH PLAT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ S. DEV. PLAN FOR SUB'D APPROVAL
- ☐ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL
- ☐ SECTOR PLAN APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ FOUNDATION PERMIT APPROVAL
- ☒ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY APPROVAL
- ☒ GRADING PERMIT APPROVAL
- ☒ PAVING PERMIT APPROVAL
- ☐ S.A.D. DRAINAGE REPORT
- ☐ DRAINAGE REQUIREMENTS
- ☐ SUBDIVISION CERTIFICATION
- ☒ OTHER FOUNDATION (SPECIFY)

DATE SUBMITTED: 6/1/26/98

BY: Herman Hood

R
D

RECEIVE

JUN 26 1998

HYDROLOGY SECTION



June 26, 1998

R. G. Lee
Lee Engineering
516 Tomasita St. NE
Albuquerque, New Mexico 87123

RE: DRAINAGE PLAN FOR VFW POST # 401 (L16-D24A) ENGINEER'S STAMP DATED
6/26/98

Dear Mr. Lee:

Based on the information provided on your June 26, 1998 submittal, the above referenced site is approved for Building Permit & SO19 Permit.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

Also, a separate permit is required for construction within City R/W. A copy of this approval letter must be on hand when applying for the excavation permit.

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia
Arlene Portillo

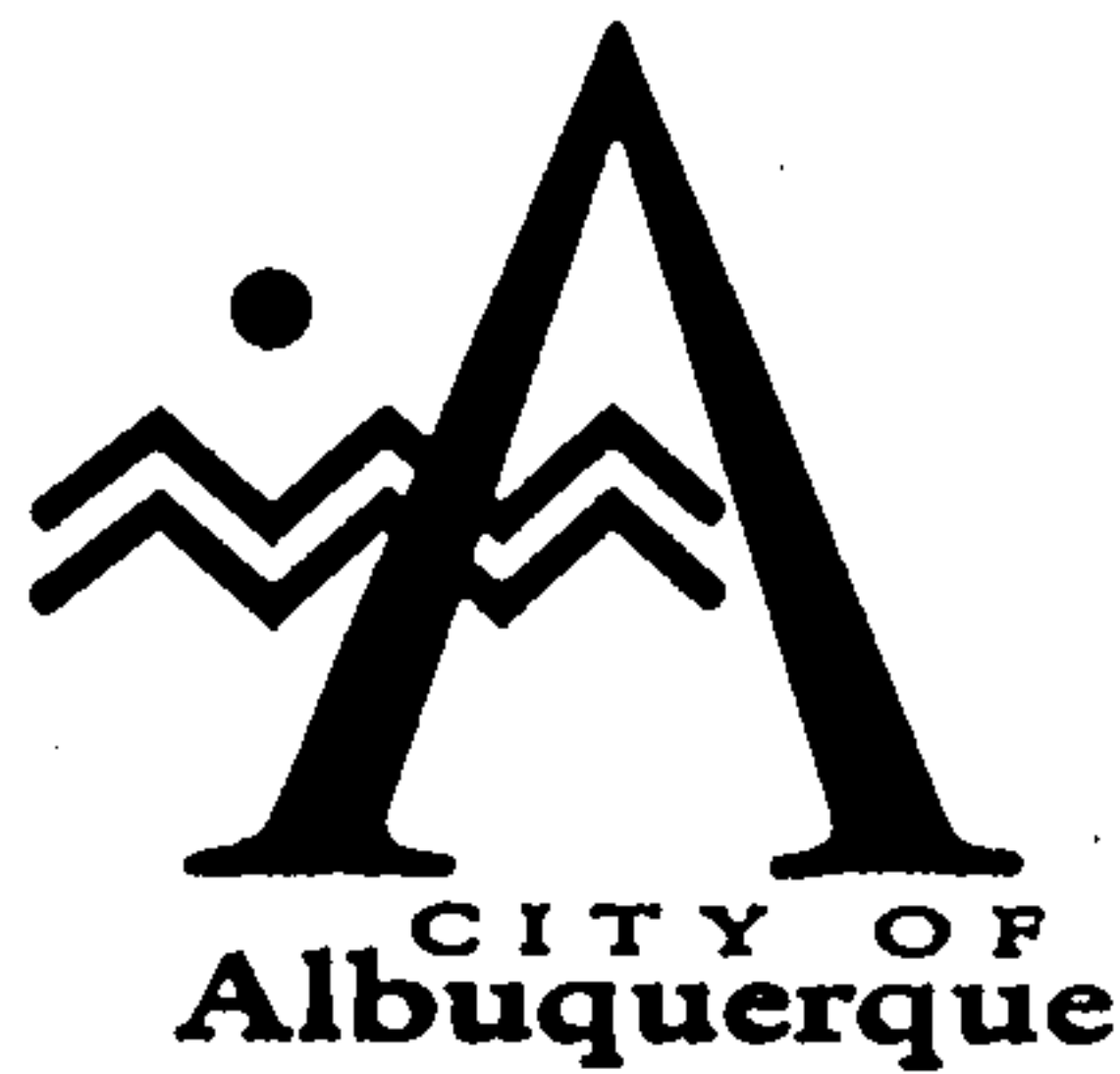
File

Sincerely

Bernie J. Montoya CE
Associate Engineer

Good for You, Albuquerque!





June 26, 1998

R. G. Lee
Lee Engineering
516 Tomasita St. NE
Albuquerque, New Mexico 87123

RE: CONCEPTUAL DRAINAGE PLAN FOR VFW POST # 401 (L16-D24A) ENGINEER'S
STAMP DATED 6/9/98

Dear Mr. lee:

Based on the information provided on your June 8, 1998 submittal, the above referenced site is approved for Foundation Plan.

Please attach a copy of this approved plan to the construction sets prior to sign-off by Hydrology.

If I can be of further assistance, please feel free to contact me at 924-3986.

C: Andrew Garcia

File

Sincerely

Bernie J. Montoya CE
Associate Engineer

Good for You, Albuquerque!

