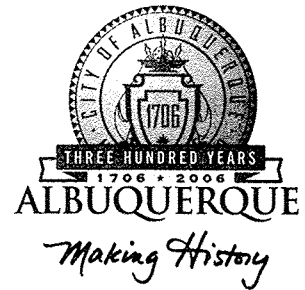


CITY OF ALBUQUERQUE



**Planning Department
Transportation Development Services Section**

April 12, 2005

Victor Chavez
5639 Jefferson NE
Albuquerque NM
87109

Re: Traffic Circulation Layout (TCL) Submittal for Building Permit Approval for
Reliable Nissan image Remodel [B-13/D-3C]
9901 Coors Boulevard NW, Albuquerque, NM
Engineers Stamp Dated 4-07-05

Dear Mr. Chavez,

The TCL submittal dated April 11, 2005 is approved for building permit. The plan is stamped and signed as approved. Use the original(enclosed) for certification of the site for final C.O. for Transportation.

P.O. Box 1293

Albuquerque

If a temporary CO is needed then a copy of the original TCL that was stamped as approved by the City which includes a statement that identifies the outstanding items that need to be constructed or the items that have not been built in "substantial compliance". This statement requires a NM registered architect or engineer stamp to be dated. Submit this TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

New Mexico 87103

When the site is completed and a final C.O. is requested, use the original City stamped approved TCL for certification. A NM registered architect or engineer needs stamp and date the certification TCL along with indicating that the development was built in "substantial compliance" with the TCL. Submit this certification TCL with a completed Drainage and Transportation Information Sheet to Hydrology at the Development Services Center of Plaza Del Sol Building.

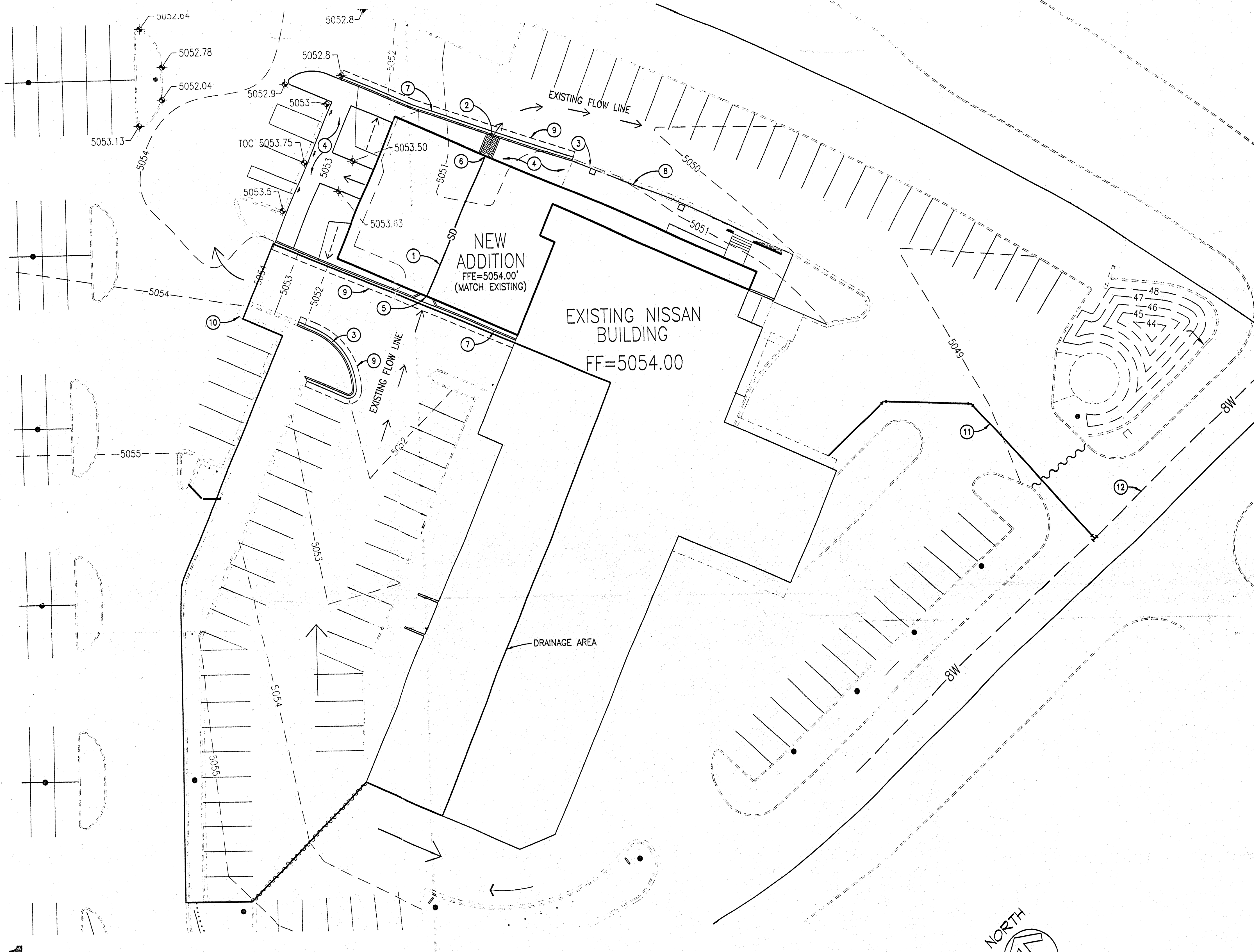
www.cabq.gov

Once verification of certification is completed and approved, notification will be made to Building Safety to issue Final C.O. To confirm that a final C.O. has been issued, call Building Safety at 924-3306.

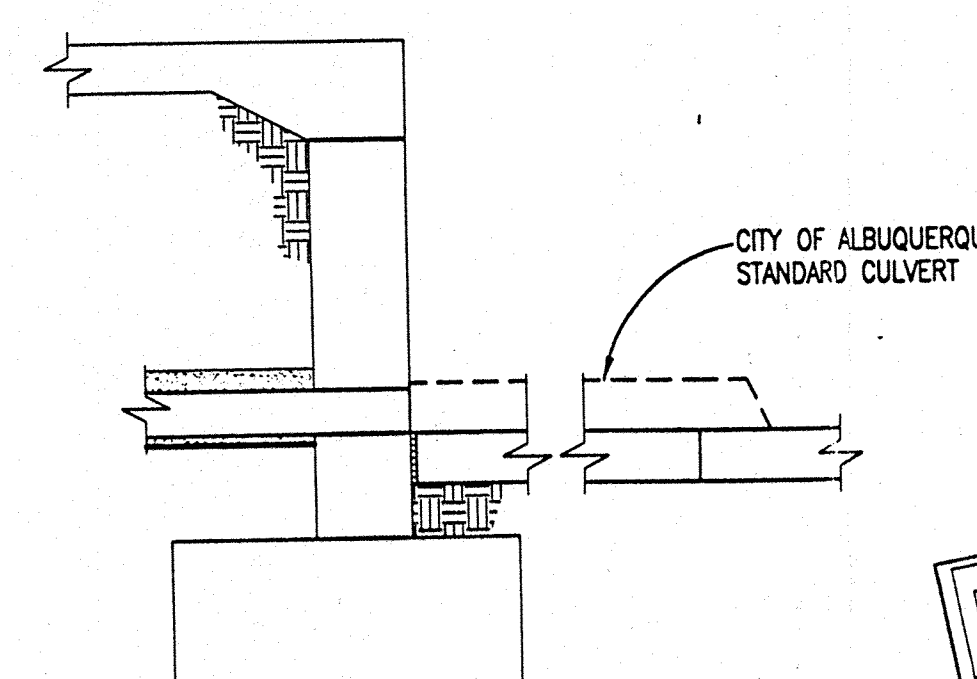
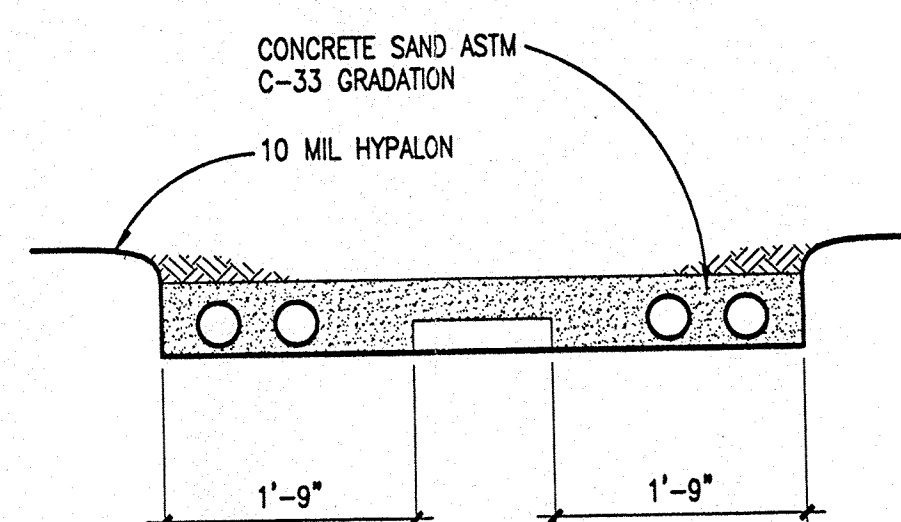
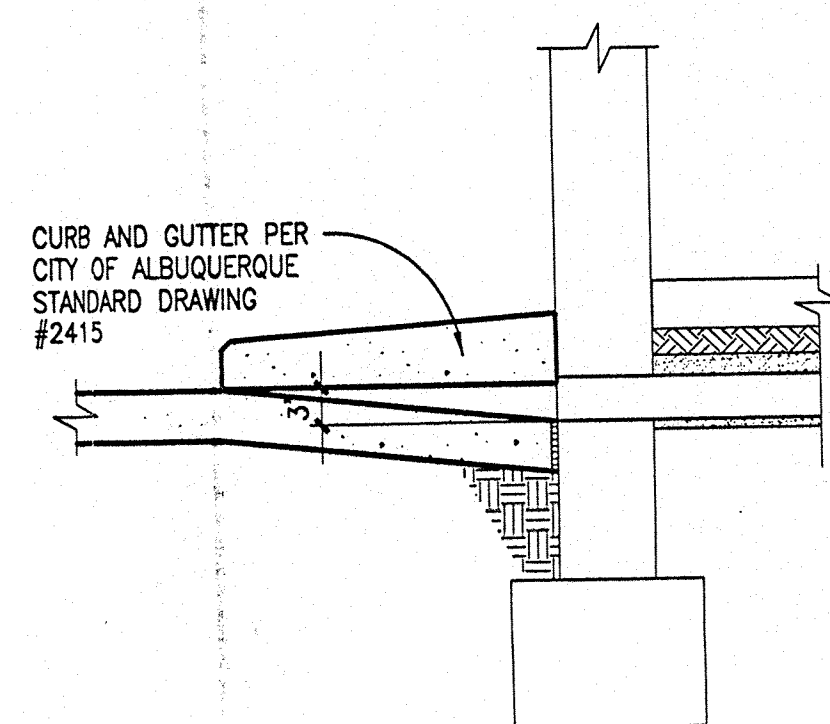
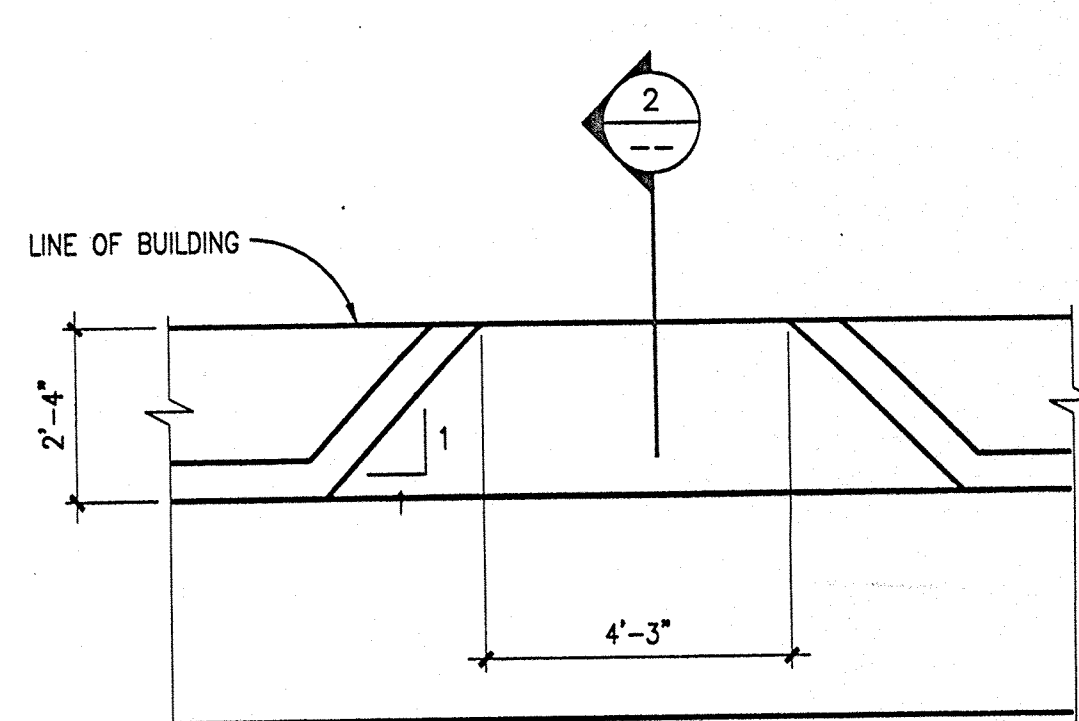
Sincerely,

Richard Dourte, PE
Development and Building Services

cc: Hydrology file
file



1 GRADING & DRAINAGE PLAN
SCALE 1"=20'-0"



KEYED NOTES

1. INSTALL 4-6" STORM DRAIN LINES UNDER NEW BUILDING ADDITION. MATCH EXISTING FLOWLINE AT EACH INVERT.
2. CONSTRUCT 4'-3" WIDE SIDEWALK CULVERT PER COA STD DWG 2236. MATCH EXISTING ELEVATION @ C & G FLOW LINE.
3. NEW CURB AND GUTTER PER COA STD DWG 2415. FLOW LINE TO MATCH EXISTING ELEVATIONS.
4. NEW 4" STANDARD SIDEWALK SLOPE 1% SLOPE TO TOP OF CURB AND GUTTER.
5. MATCH EXISTING ELEVATION @ CURB AND GUTTER FLOW LINE. SEE DETAIL 1/C1.1.
6. MATCH EXISTING ELEVATION AND PROVIDE POSITIVE DRAINAGE.
7. NEW CURB AND GUTTER PER COA STANDARD DRAWING. FLOW LINE TO MATCH EXISTING ELEVATIONS. SEE DETAIL 3/C1.1.
8. NEW 4" STANDARD SIDEWALK. PROVIDE 1% SLOPE TO TOP OF CURB AND GUTTER.
9. PROVIDE 2'-0" OF ASPHALT MATCHING EXISTING SECTION AT NEW CURB AND GUTTER.
10. EXISTING TO REMAIN.
11. 6" PVC WATER LINE TO FIRE SPRINKLER SYSTEM. SEE MECHANICAL DRAWINGS FOR CONNECTION IN BUILDING.
12. EXISTING NEW MEXICO UTILITIES WATER LINE.

THE EXPANSION IS LOCATED OVER THE ORIGINAL PARKING LOT AND DRIVE LANE. THE EXISTING SURFACE CONSISTS OF ASPHALT, CONCRETE AND LINED XERISCAPING. THE NEW SURFACE IS ROOFTOP. THERE WILL BE NO INCREASE IN THE RUNOFF COEFFICIENT OR RATE OF RUNOFF. FLOW PATTERS WILL NOT BE CHANGE.

THE EXISTING RUNOFF PATTERN DIRECTS APPROXIMATELY 0.55 ACRES TO THE CENTER OF THE DRIVE LANE. TOTAL RUNOFF IS 1.56 CFS.

LOCATED BELOW THE NEW BUILDING ARE FOUR 6 INCH CAST IRON DRAINS. THE AVERAGE SLOPE IS JUST OVER ONE PERCENT.

FLOW IN EACH PIPE:

$$Q=1.313 (C) (Rn) ** 0.63 S ** 0.54A$$

$$C=110$$

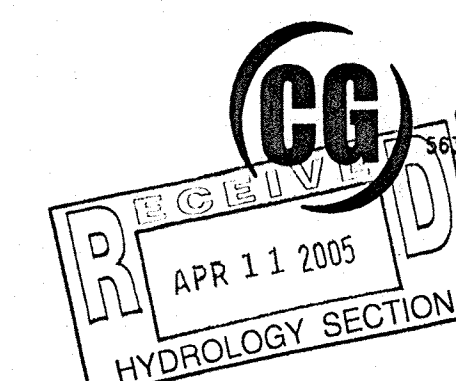
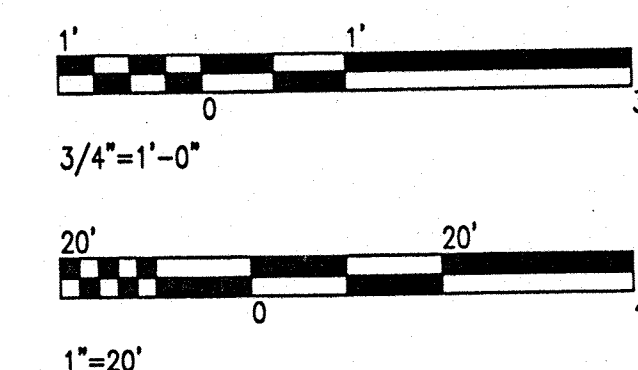
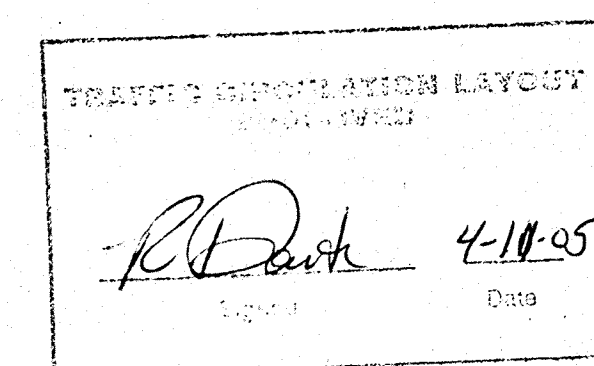
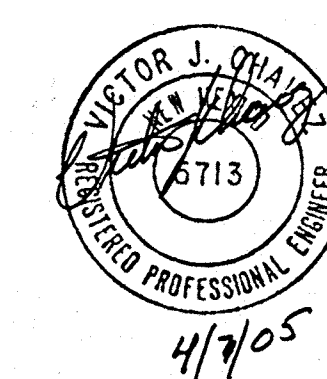
$$Rn=1.5$$

$$S=0.01$$

$$A=0.196 \text{ SQ. FT.}$$

$$Q=0.63 \text{ CFS}$$

$$\text{FOUR PIPE CAPACITY} = 4(0.63)=2.52>1.56$$



Chavez-Grieves
consulting engineers, inc.
5039 JEFFERSON STREET NE • ALBUQUERQUE, NM 87109
PHONE (505) 344-4080 • FAX (505) 343-8759

Public Infrastructure shown on these plans for information only and not part of approval. Separate DRC/Permit approval and Work Order required.

DRAWN
REVISED

RELIABLE NISSAN
3901 COORS ROAD
ALBUQUERQUE, NEW MEXICO 87114

GUEST ARCHITECTS, L.P.
OWENS
BEELE
4245 N. CENTRAL EXPWAY STE 900 DALLAS, TEXAS 75205 (214) 520-8878

DATE
02/08/05

PROJECT
04513

SHEET NUMBER
C1.1
GRADING & DRAINAGE

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