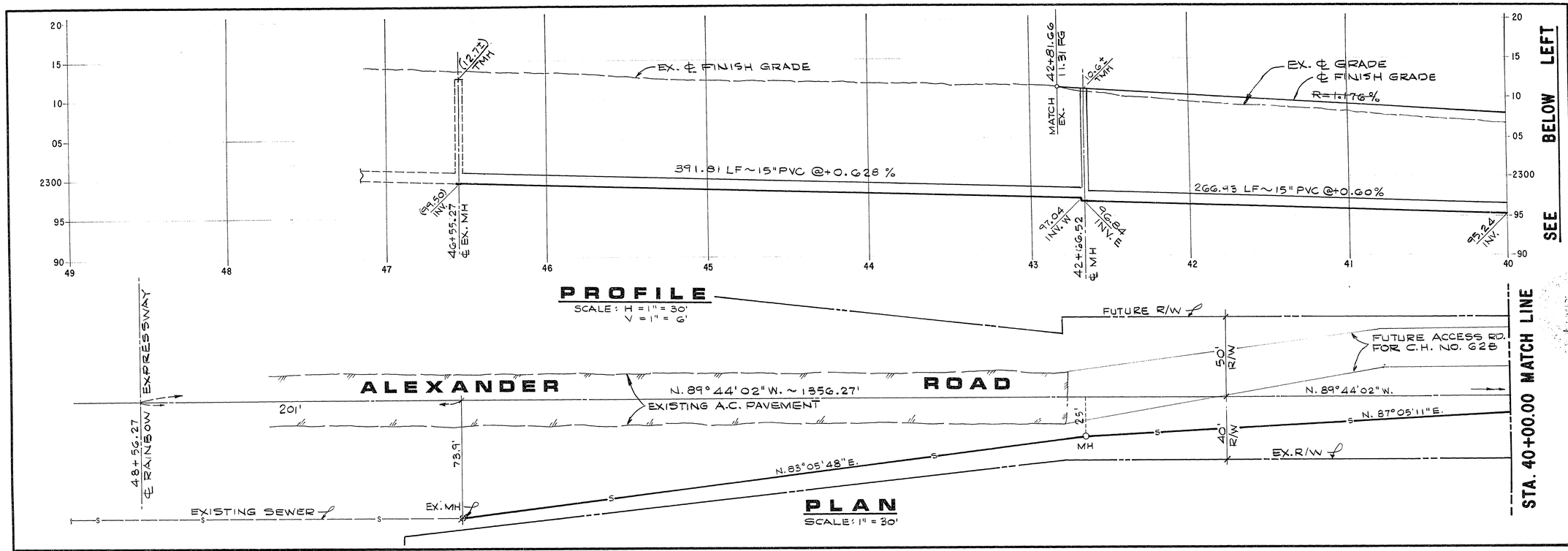


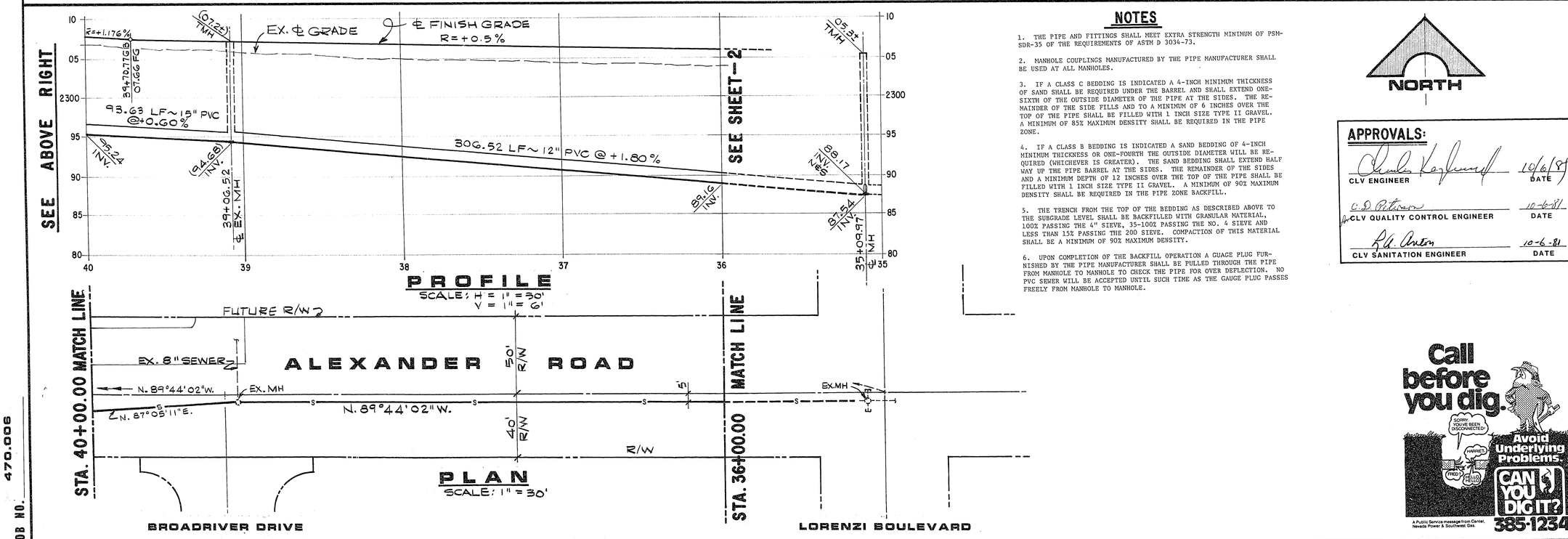


## NOTES

1. THE PIPE AND FITTINGS SHALL MEET EXTRA STRENGTH MINIMUM OF PSM-SDR-35 OF THE REQUIREMENTS OF ASTM D 3034-73.

2. MANHOLE COUPLINGS MANUFACTURED BY THE PIPE MANUFACTURER SHALL BE USED AT ALL MANHOLES.

3. IF A CLASS C BEDDING IS INDICATED A 4-INCH MINIMUM THICKNESS OF SAND SHALL BE REQUIRED UNDER THE BARREL AND SHALL EXTEND ONE-SIXTH OF THE OUTSIDE DIAMETER OF THE PIPE AT THE SIDES. THE REMAINDER OF THE SIDE FILLS AND TO A MINIMUM OF 6 INCHES OVER THE TOP OF THE PIPE SHALL BE FILLED WITH 1 INCH SIZE TYPE II GRAVEL. A MINIMUM OF 85% MAXIMUM DENSITY SHALL BE REQUIRED IN THE PIPE ZONE.

4. IF A CLASS B BEDDING IS INDICATED A SAND BEDDING OF 4-INCH MINIMUM THICKNESS OR ONE-FOURTH THE OUTSIDE DIAMETER WILL BE REQUIRED (WHICHEVER IS GREATER). THE SAND BEDDING SHALL EXTEND HALF WAY UP THE PIPE BARREL AT THE SIDES. THE REMAINDER OF THE SIDES AND A MINIMUM DEPTH OF 12 INCHES OVER THE TOP OF THE PIPE SHALL BE FILLED WITH 1 INCH SIZE TYPE II GRAVEL. A MINIMUM OF 90% MAXIMUM DENSITY SHALL BE REQUIRED IN THE PIPE ZONE BACKFILL.

5. THE TRENCH FROM THE TOP OF THE BEDDING AS DESCRIBED ABOVE TO THE SUBGRADE LEVEL SHALL BE BACKFILLED WITH GRANULAR MATERIAL, 100% PASSING THE 4" SIEVE, 35-100% PASSING THE NO. 4 SIEVE AND LESS THAN 15% PASSING THE 200 SIEVE. COMPACTION OF THIS MATERIAL SHALL BE A MINIMUM OF 90% MAXIMUM DENSITY.

6. UPON COMPLETION OF THE BACKFILL OPERATION A GUAGE PLUG FURNISHED BY THE PIPE MANUFACTURER SHALL BE PULLED THROUGH THE PIPE FROM MANHOLE TO MANHOLE TO CHECK THE PIPE FOR OVER DEFLECTION. NO PVC SEWER WILL BE ACCEPTED UNTIL SUCH TIME AS THE GAUGE PLUG PASSES FREELY FROM MANHOLE TO MANHOLE.

NORTH

**APPROVALS:**

| | |
|---|---|
| CLV ENGINEER | 10/6/81 DATE |
| for CLV QUALITY CONTROL ENGINEER | 10-6-81 DATE |
| CLV SANITATION ENGINEER | 10-6-81 DATE |




| REV | DATE | DESCRIPTION |
|---|---|---|
| 1 | 11/4/81 | REVISED SEWER ALIGNMENT WEST OF BROADRIVER DRIVE. |

3714 9/29/81
R.E. NO. DATE

REGISTERED PROFESSIONAL ENGINEER
LEONARD H. WALLACE
No. 7798

**G. C. WALLACE**
**Consulting Engineers, Inc.**
1100 East Sahara Ave. • Las Vegas, Nevada 89104 • 732-3330

BECKER & SONS
CHARLESTON HEIGHTS TRACT NO. 62
# OFFSITE SEWER

SHEET 3 OF 3 SHEETS

JOB NO. 470.006

9/78 DIETERICH-POST 6532B

307 4-1040-62

PROFILE

ALEXANDER ROAD

PLAN

STA. 40+00.00 MATCH LINE

SEE BELOW LEFT

SEE ABOVE RIGHT

PROFILE

ALEXANDER ROAD

PLAN

STA. 40+00.00 MATCH LINE

STA. 44+00.00 MATCH LINE

NOTES

NORTH

APPROVED

Call before you dig.

CAN YOU DIG IT

G.C. WALLACE

OFFSITE SEWER

SHEET 3