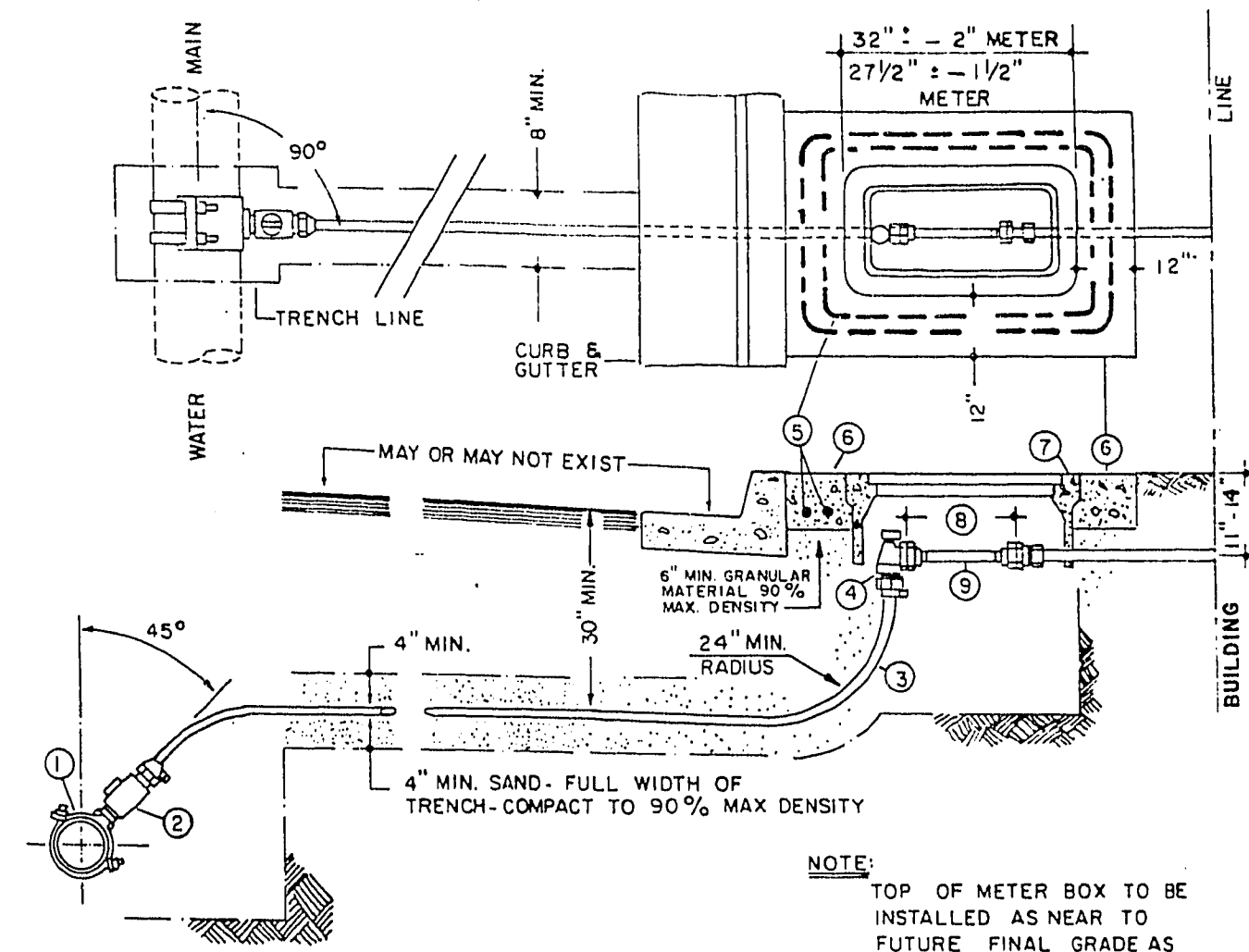
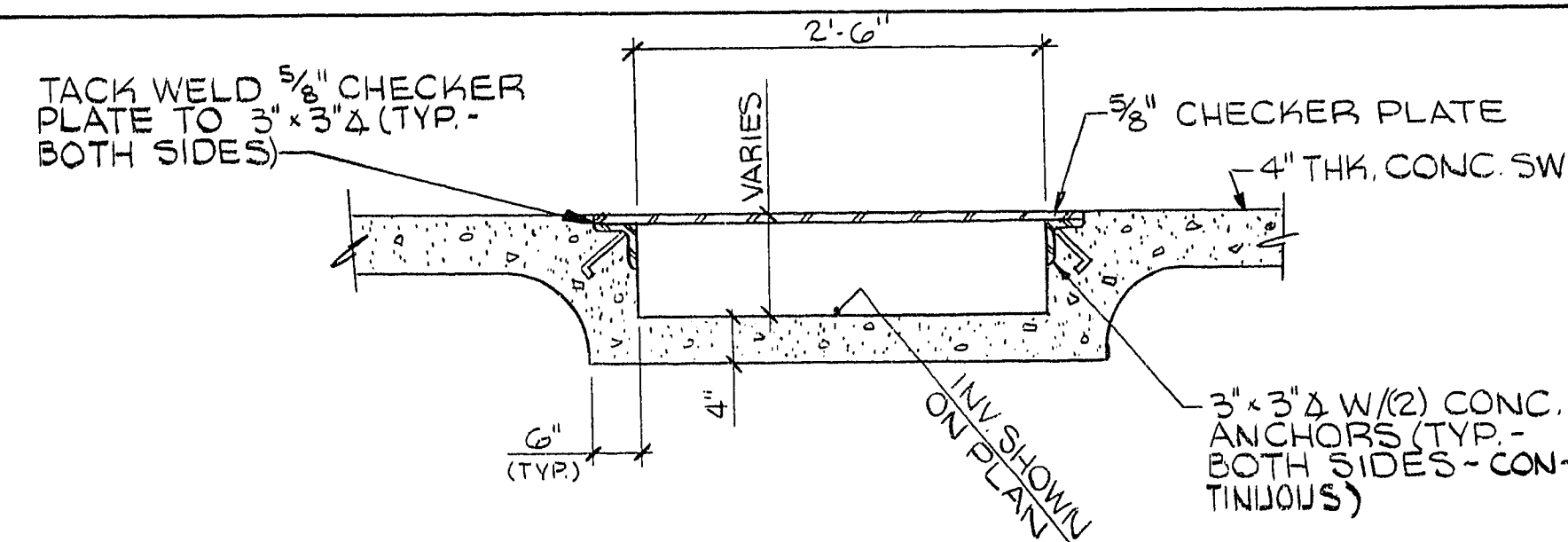




- LEGEND**
- ① DOUBLE STRAP BRONZE SERVICE SADDLE
 - ② CORPORATION STOP
 - ③ POLYETHYLENE SERVICE LATERAL (2")
 - ④ ANGLE METER STOP, P.E. PIPE PACK JOINT (2")
 - ⑤ NO. 6 REBAR (2 REQUIRED) 2" CONCRETE COVER
 - ⑥ CONCRETE COLLAR, 2500 PSI COMPRESSIVE STRENGTH
 - ⑦ METER BOX
 - ⑧ IDLER LENGTH
 - ⑨ IDLER (FLANGE x FLANGE)
- NOTE:** TOP OF METER BOX TO BE INSTALLED AS NEAR TO FUTURE FINAL GRADE AS POSSIBLE.

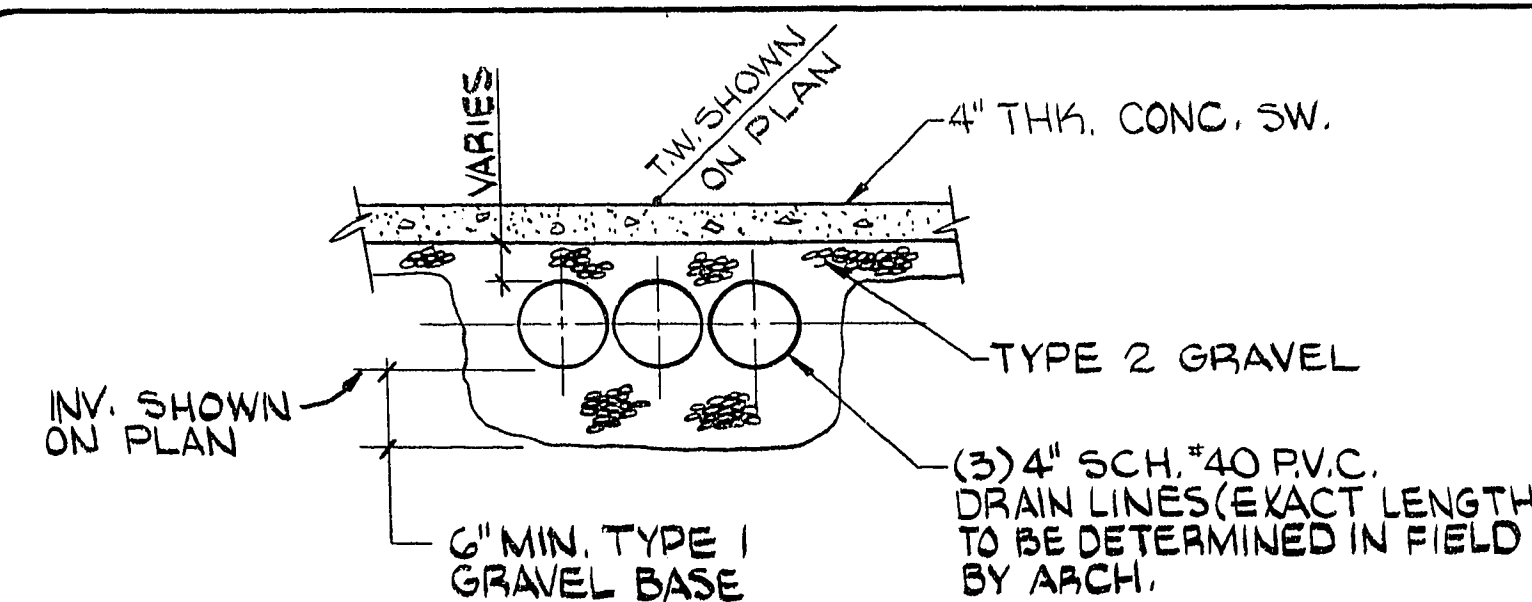
WATER METER DETAIL

7
9 6



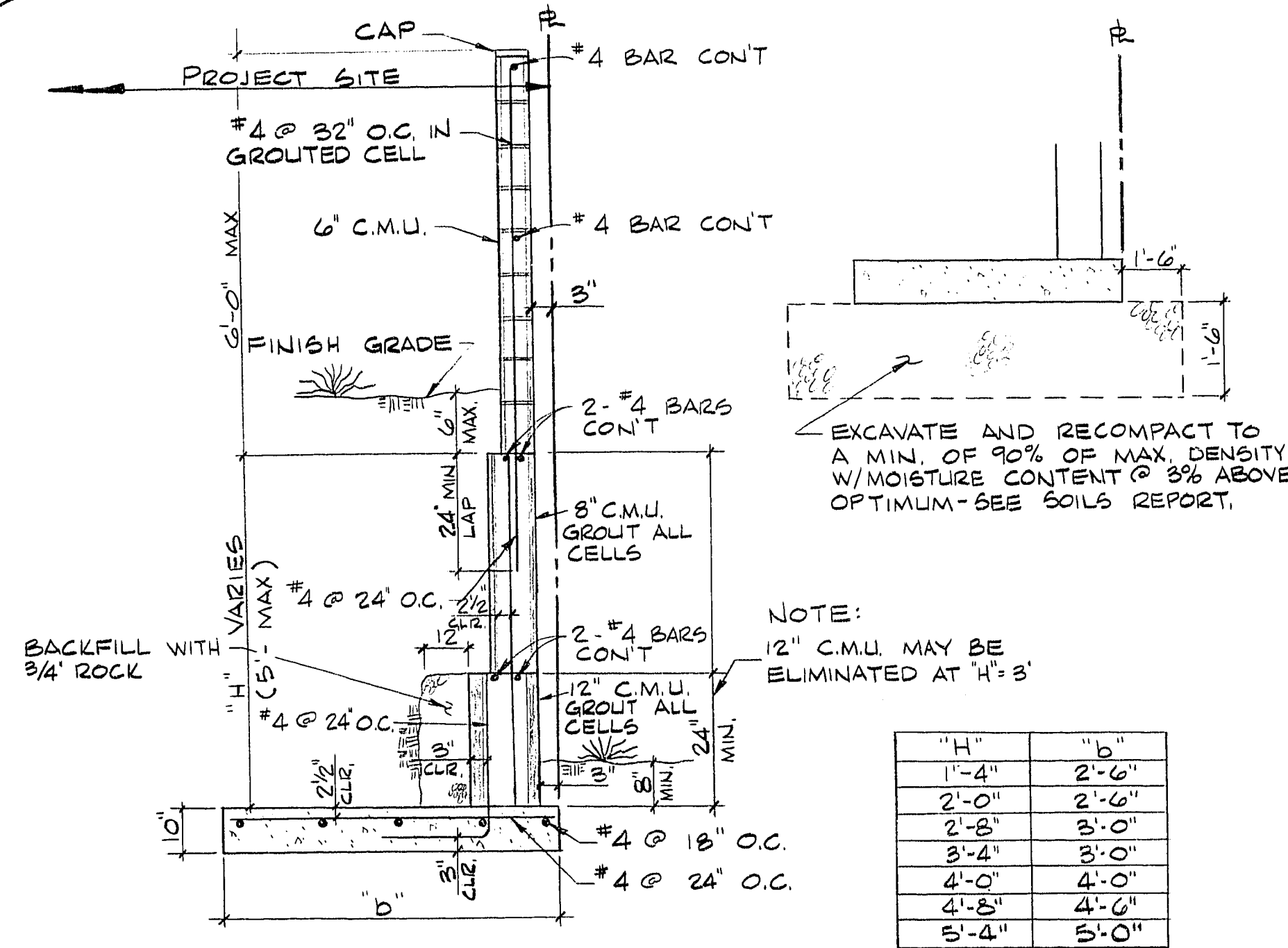
DETAIL

8
9 7



DETAIL

6
9 7

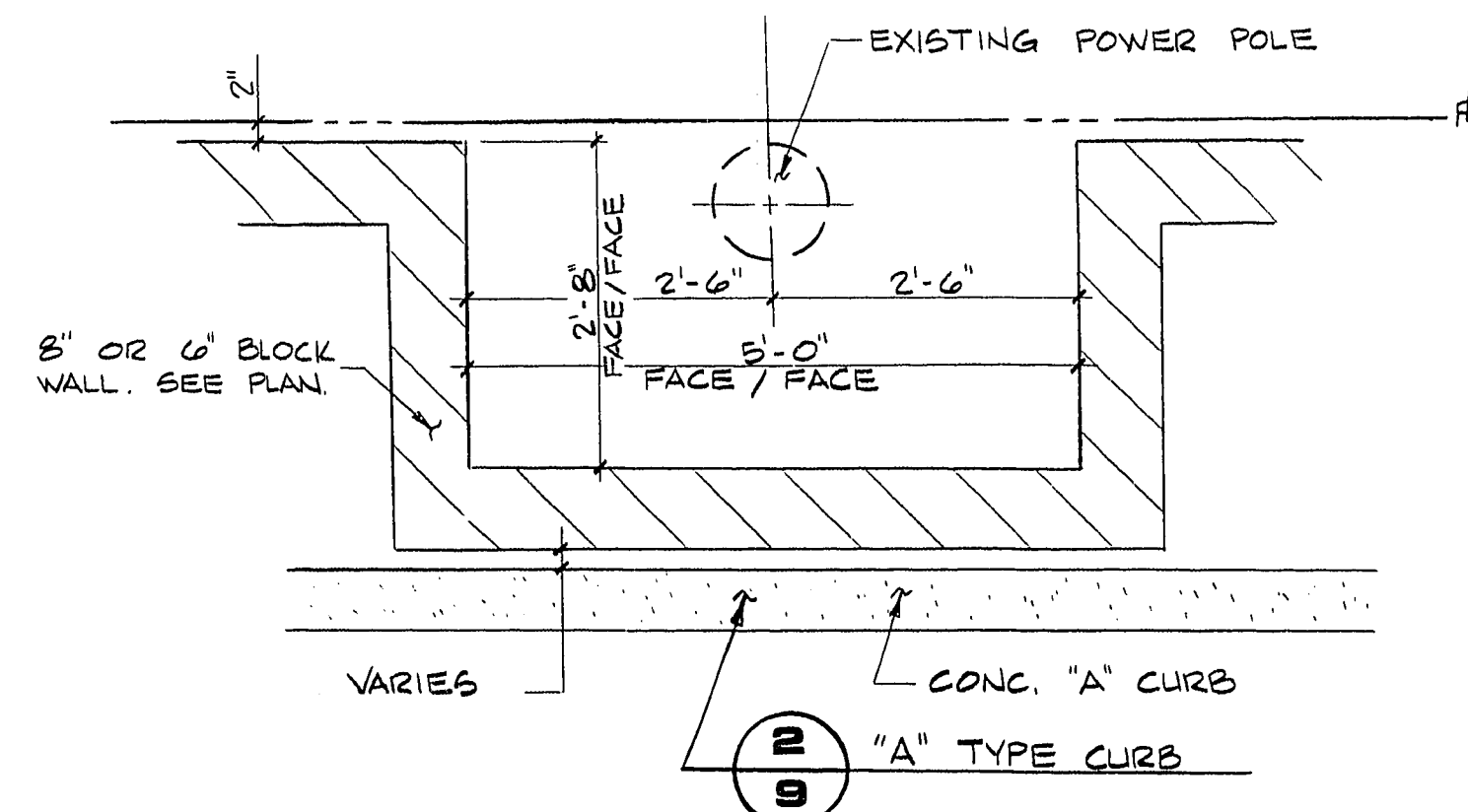


NOTES:

1. MASONRY UNITS SHALL BE GRADE "N" HOLLOW CONCRETE UNITS.
2. MORTAR SHALL BE EITHER TYPE "M" OR TYPE "S"
3. GROUT SHALL HAVE A MINIMUM STRENGTH OF 2000 P.S.I. @ 28 DAYS.
4. REINFORCING STEEL SHALL CONFORM TO ASTM 615 GRADE 60; SHALL BE LAPPED A MINIMUM OF 30 DIAMETERS; BENDS SHALL BE MADE COLD.
5. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 3000 P.S.I. @ 28 DAYS.
6. ALL MATERIALS & CONSTRUCTION SHALL CONFORM TO THE UNIFORM BUILDING CODE FOR THE CITY OF LAS VEGAS.
7. REFERENCE SOILS REPORT BY CONVERSE/WARD/DAVIS/DIXON. PROJECT NO. 80-3246 AUGUST 29, 1980.
8. CONTRACTOR SHALL NOTIFY THIS ENGINEER IF THIS DETAIL IS ALTERED IN ANY MANNER.
9. VERTICAL JOINTS IN THE BOTTOM OF THE 12" BLOCK SHALL BE LEFT UNGROUTED FOR DRAINAGE PURPOSES.

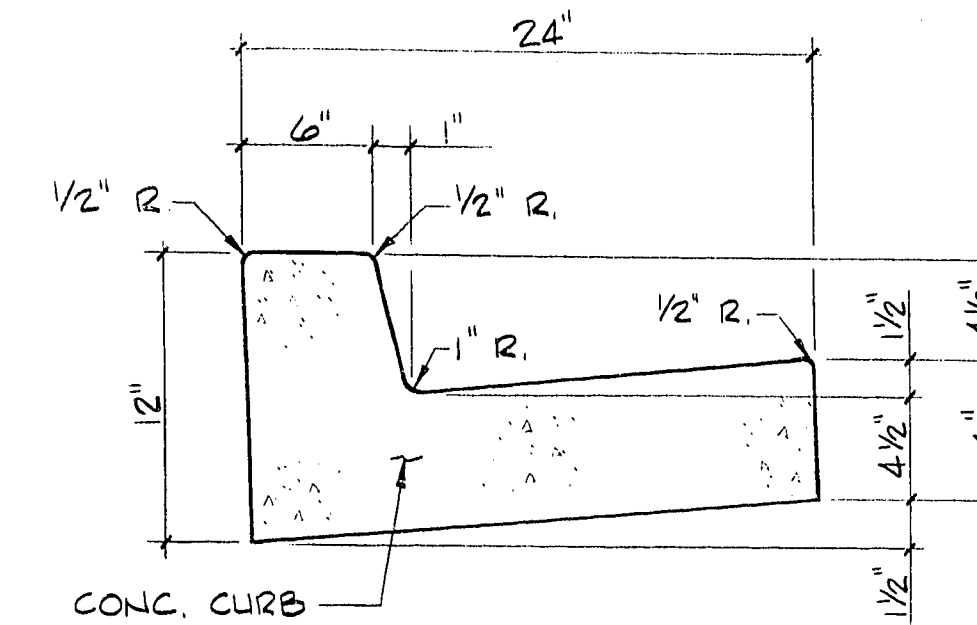
**RETAINING WALL DETAIL
W/6' BLOCK WALL**

5
9 7



**POWER POLE - BLOCK WALL
WELL DETAIL**

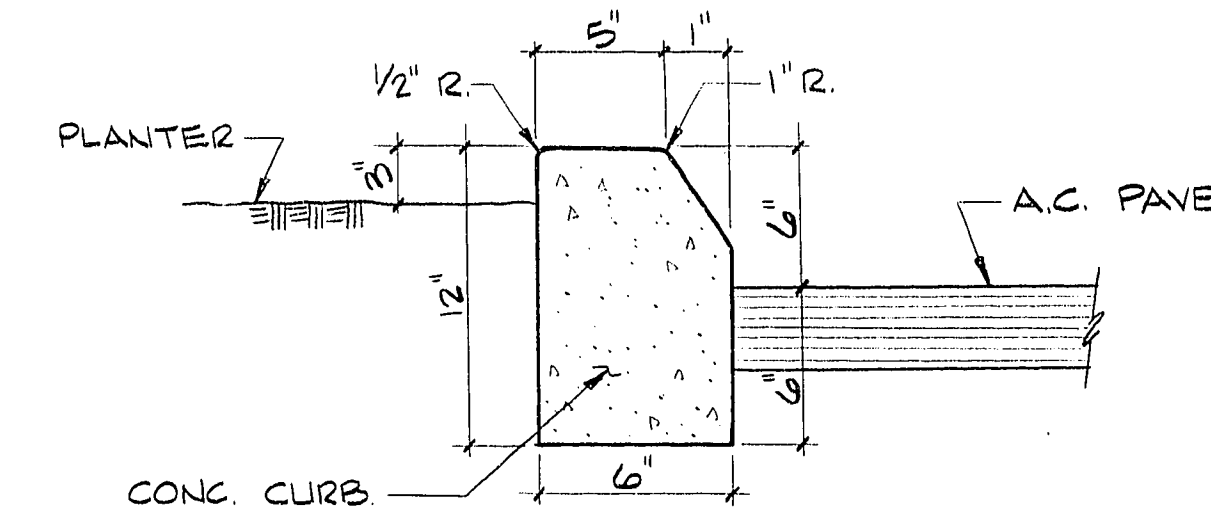
4
9 7



FOR EXPANSION JOINTS & WEAKENED PLANE JOINTS SEE NOTE 1 BELOW.

"L" TYPE CURB DETAIL

3
9 7

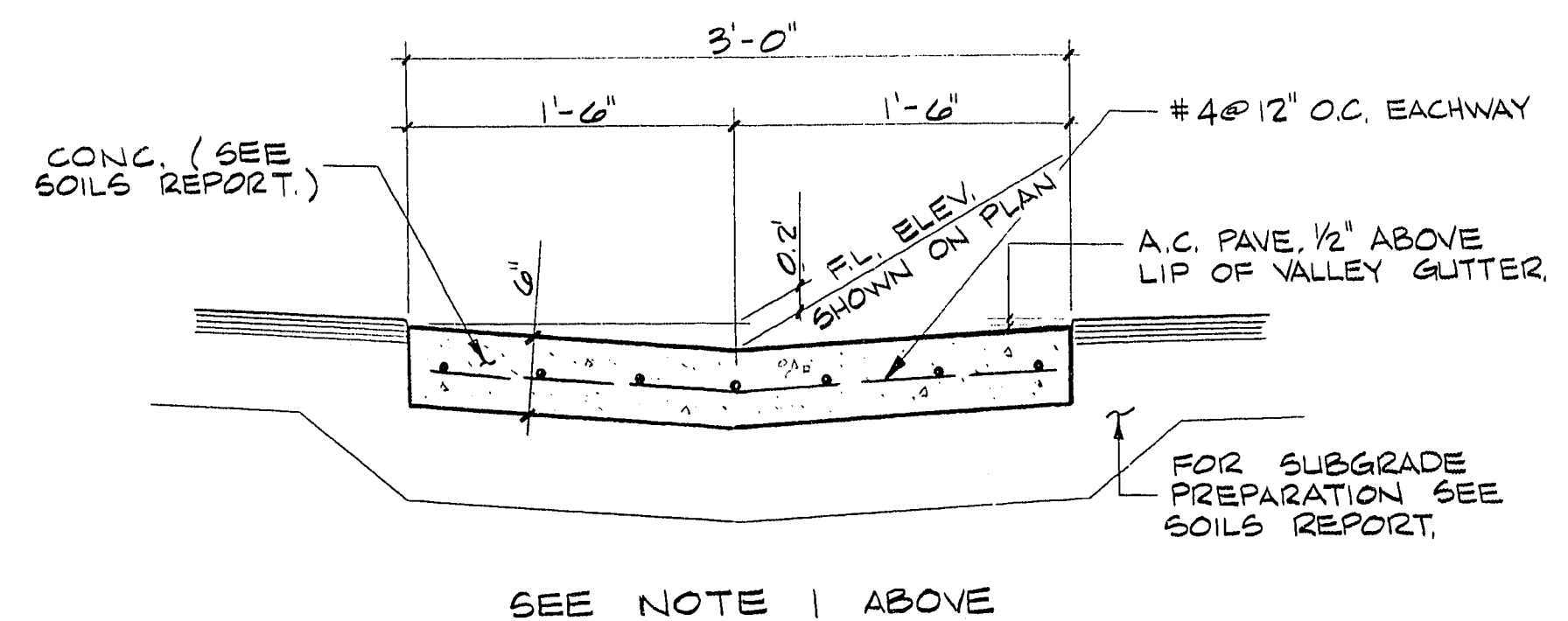


NOTE:

1. PROVIDE EXPANSION JOINT @ 30' O.C. & WEAKENED PLANE JOINTS @ 10' O.C.

"A" TYPE CURB DETAIL

2
9 7



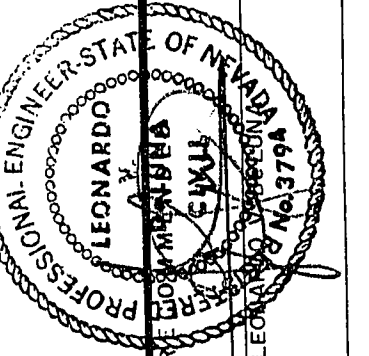
CONCRETE VALLEY GUTTER

1
9 7

APPROVALS

CLV ENGINEER 4/29/83

CLV QUALITY CONTROL ENGINEER 4/29/83



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

BONANZA PARK LIMITED
BONANZA PARK
GRADING PLAN DETAILS

SHEET

9

OF 9 SHEETS

20-6-107 107-912