

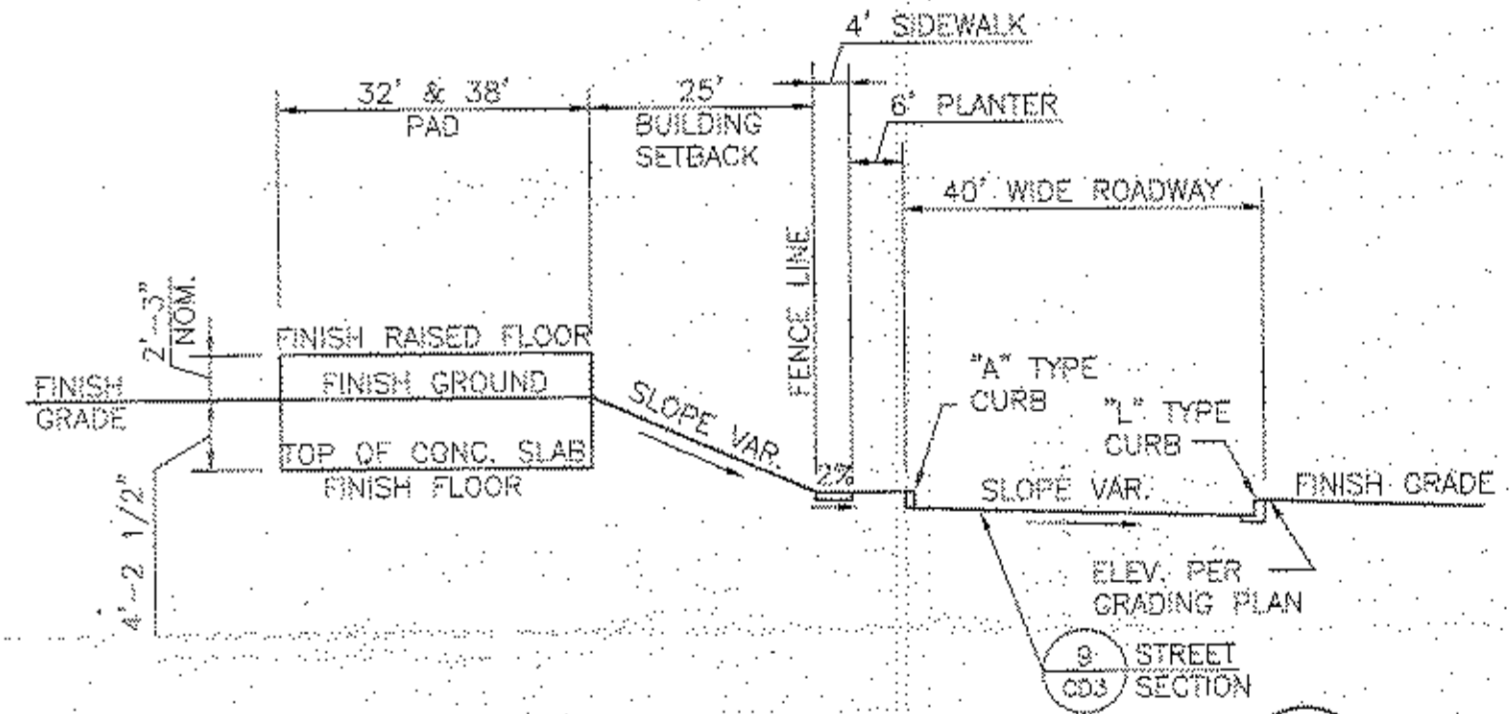
**BASIS OF BEARING**

THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE, IN FILE 96 OF SURVEYS, AT PAGE 77.

**PROJECT BENCHMARK**

PRIOR TO 2010 LVSP AND LVWD CAMPUS ELEVATION SURVEYS WERE BASED UPON CLV BENCHMARK 2LVD129SW6 LOCATED ON THE EAST SIDE OF THE INTERSECTION OF BONANZA AND TWIN LAKES WITH THE ELEVATION OF 2128.96 TAKEN FROM CLV BENCHMARK BOOKS AND CONTRACT PLANS DATED PRIOR TO 1998.

CURRENT ELEVATION FOR THIS BENCHMARK IS 2128.83 THIS PROJECT IS ELEVATED REFERENCING THE CURRENT VALUES FOR THIS BENCHMARK.

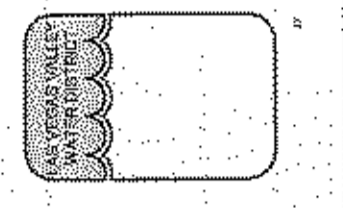


**NOTES:**

1. VERIFY EXISTING UNDERGROUND UTILITIES.
2. SEE UTILITY PLAN FOR UNDERGROUND UTILITIES.
3. SEE STRUCTURAL DRAWINGS FOR FOUNDATIONS.
4. SEE LANDSCAPE DRAWINGS FOR GROUND COVER.
5. SEE DRAWING NO. \_\_\_\_\_ FOR ROAD PROFILE.
6. SEE CONTROL PLAN FOR LOCATIONS.
7. EXISTING SITE IS COVERED WITH 2" OF ROCK MULCH WHICH MAY BE RE-USED.
8. SEE DETAIL \_\_\_\_\_ FOR TOP-SOILING. TOPSOIL TO BE TAKEN FROM ON-SITE STOCKPILE. EXCESS TOPSOIL MATERIAL MAY BE USED FOR NON-STRUCTURAL FILL.
9. APPLY DUSTPALLIATIVE TO ALL DISTURBED GRADING AT COMPLETION OF CONSTRUCTION.
10. SIDEWALK DETAIL \_\_\_\_\_  
"A" CURB DETAIL \_\_\_\_\_  
ROADWAY DETAIL \_\_\_\_\_  
"L" CURB DETAIL \_\_\_\_\_

Call before you dig  
1-702-227-2829

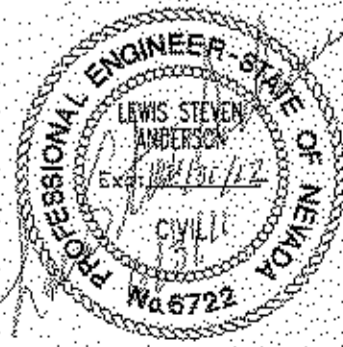
**LAS VEGAS VALLEY WATER DISTRICT**  
1001 S. VALLEY VIEW BOULEVARD  
LAS VEGAS, NEVADA 89153  
(702) 876-2611



VERIFY SCALE  
1/2" = 0' 1/2"  
DATE: \_\_\_\_\_  
DRAWN BY: R.C. WELDEN  
CHECKED BY: L. STEVEN ANDERSON  
RECOMMENDED BY: L. STEVEN ANDERSON  
ACCEPTED BY: PETER J. LAUGH

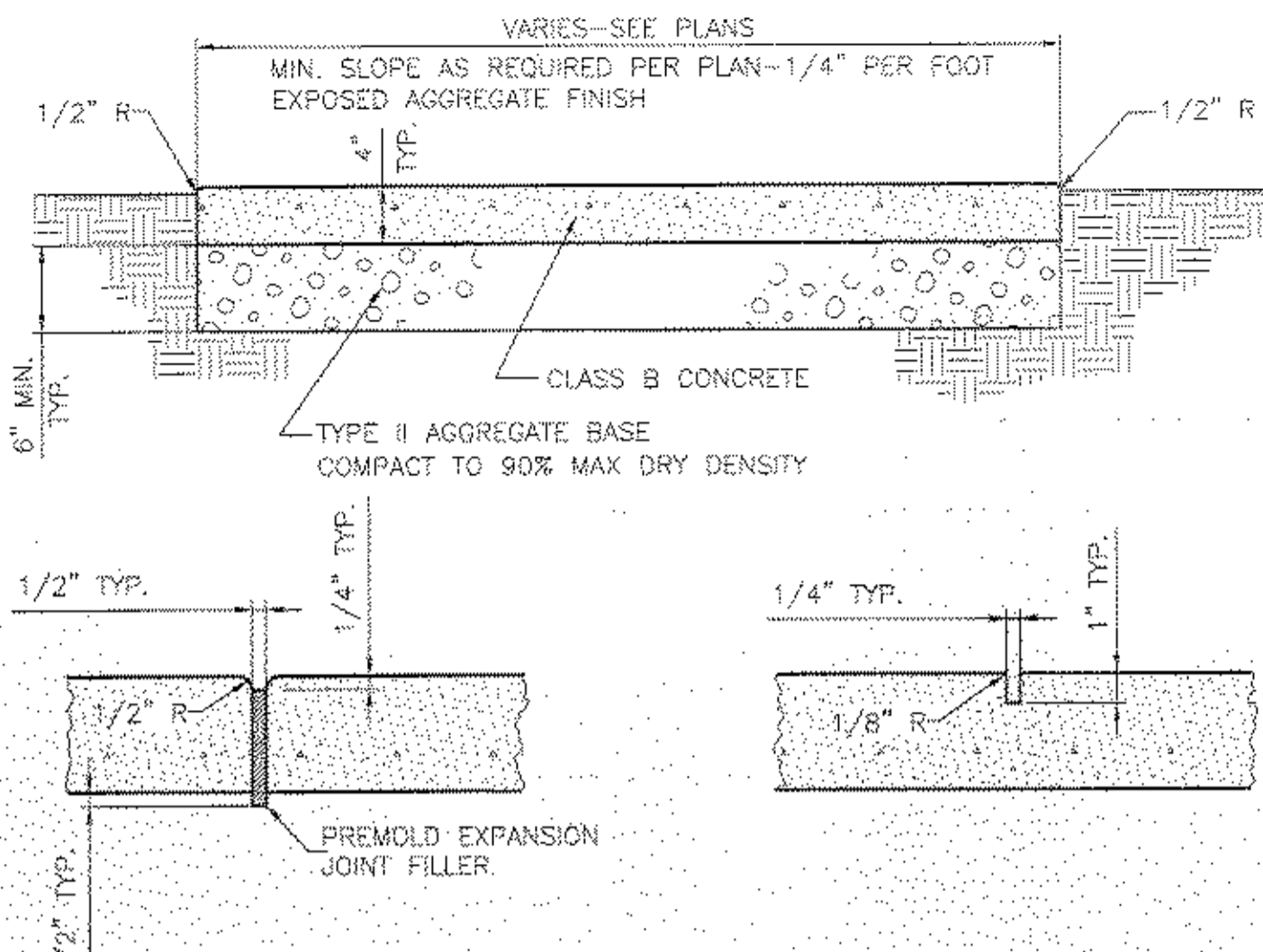
LVSP HISTORIC RAILROAD COTTAGES RESTORATION  
SITE GRADING

DATE: 07/14/10	DATE: 07/14/10	DATE: _____	DATE: _____
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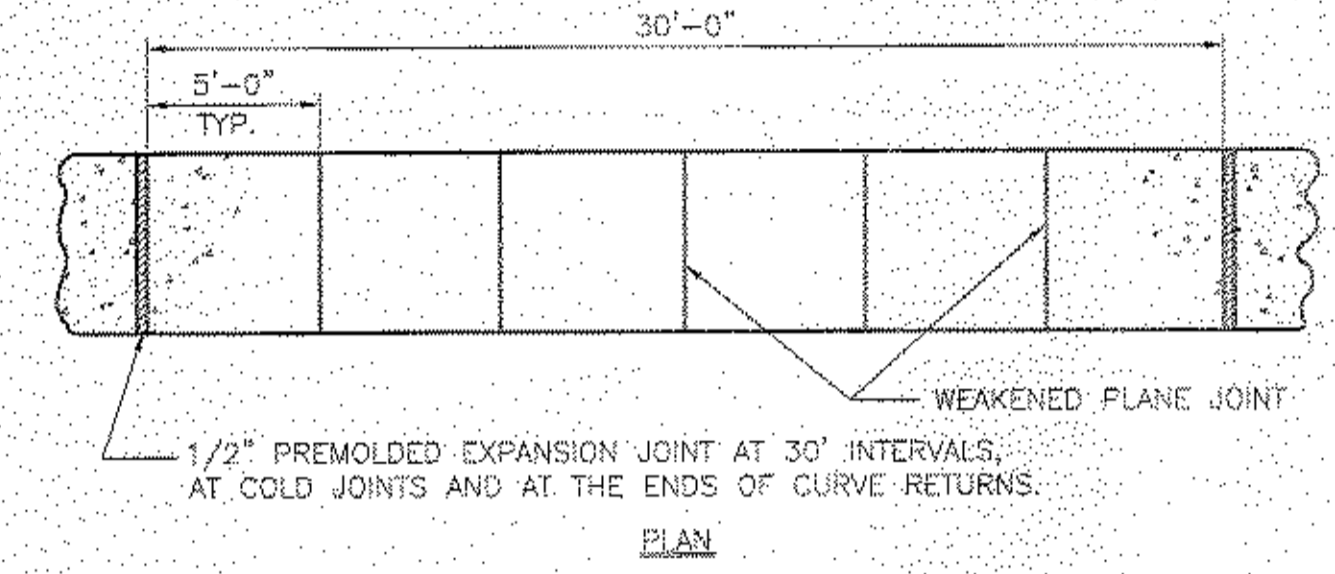
CONTRACT NUMBER  
**C1317**  
DRAWING NUMBER: C2  
SHEET 8 OF XX



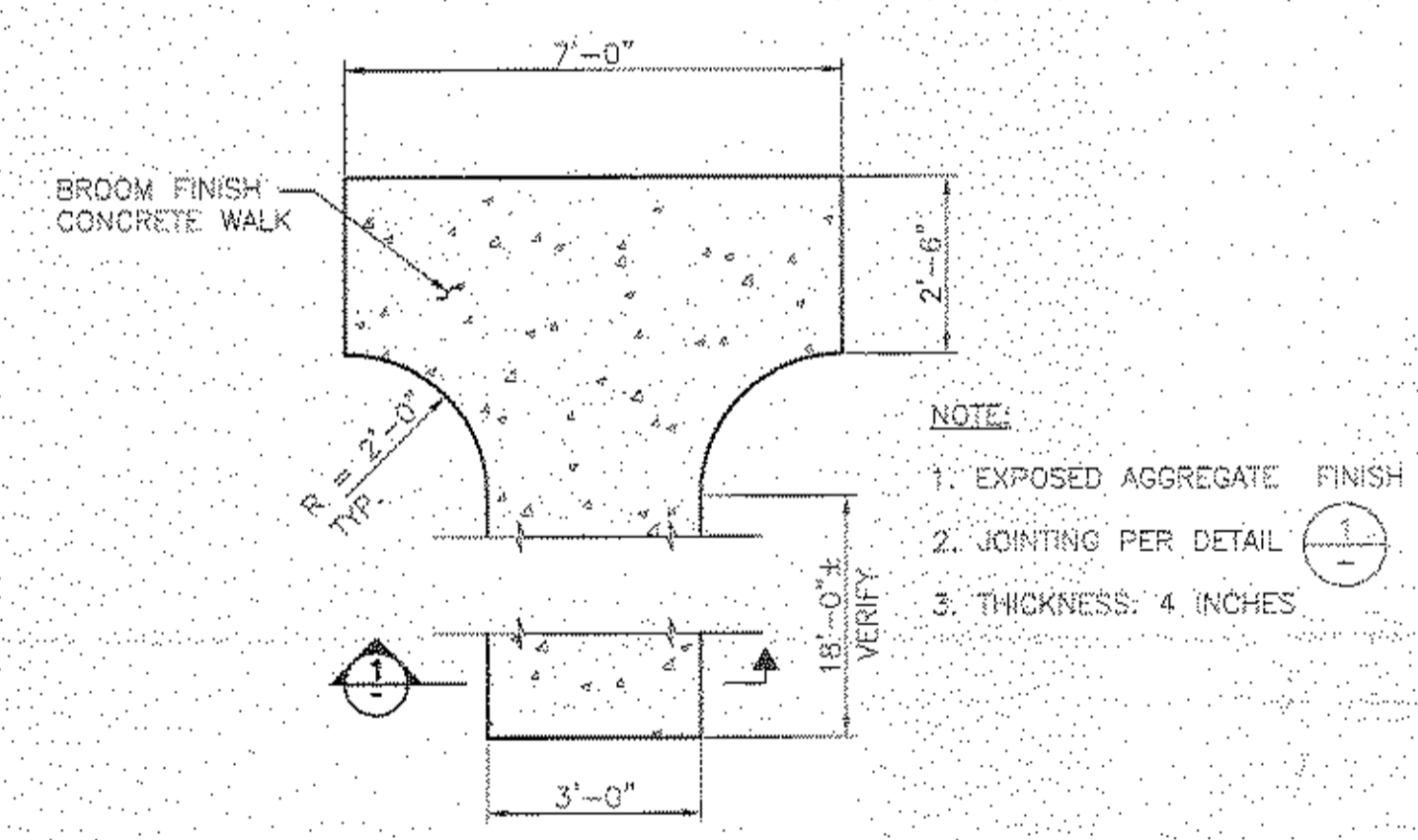


**EXPANSION JOINT**  
TO BE CONSTRUCTED AT 30' INTERVALS AND AT COLD JOINTS

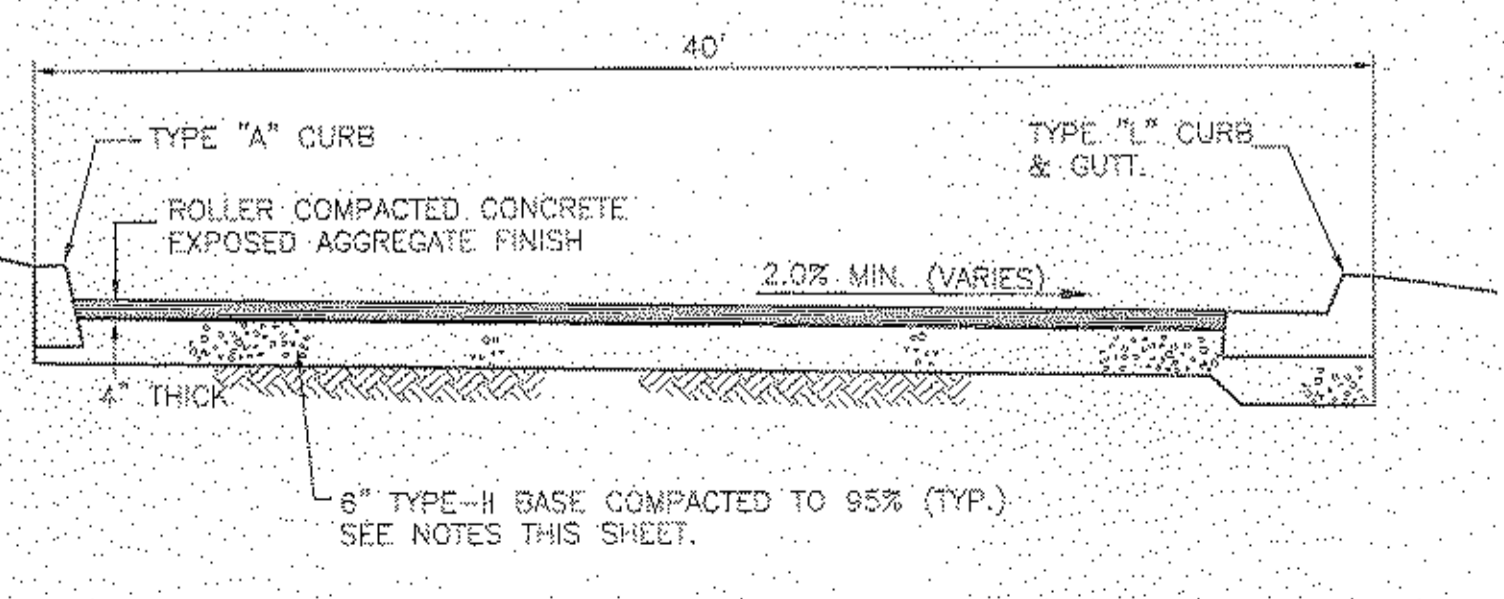
**CONSTRUCTION JOINT**  
TO BE CONSTRUCTED AT 5' INTERVALS



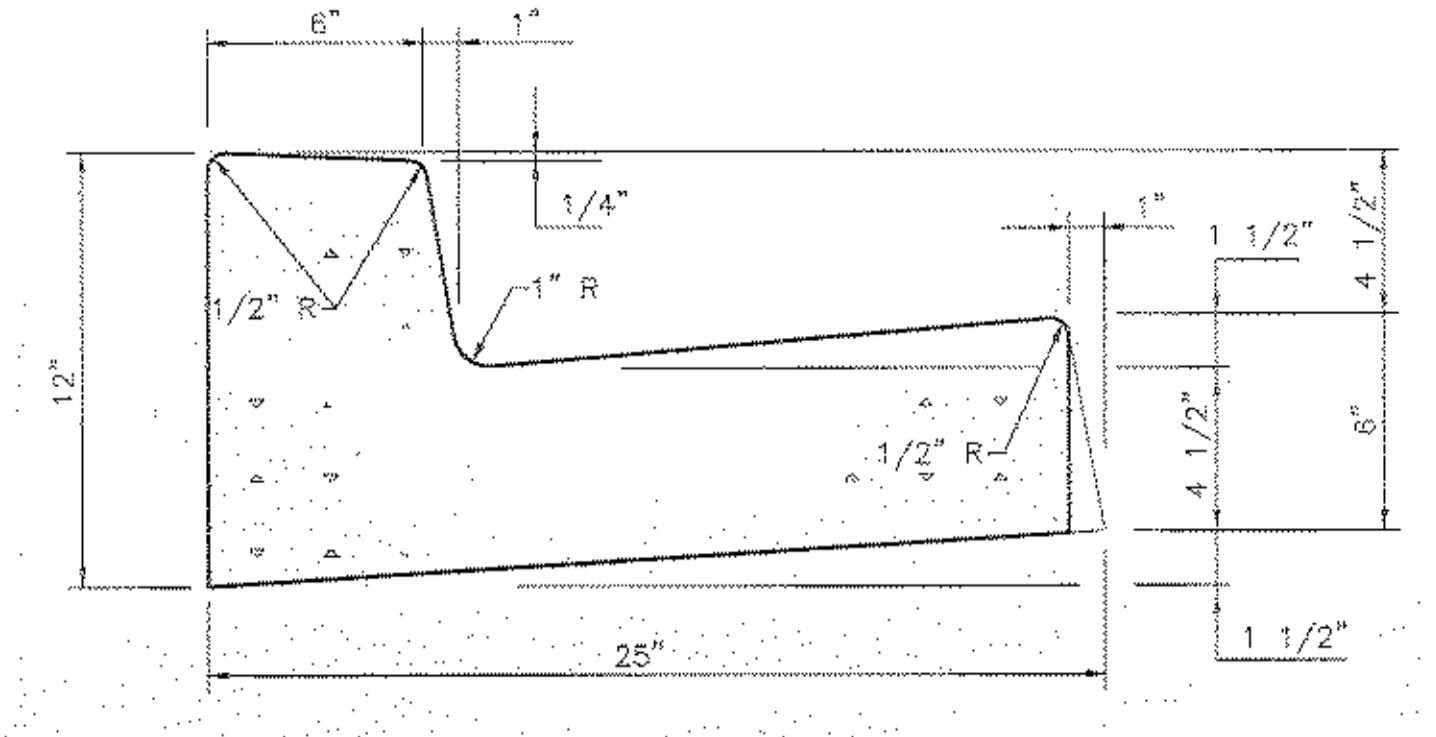
**CONCRETE SIDEWALK SECTIONAL DETAIL** 1  
CD3 C2  
NOT TO SCALE



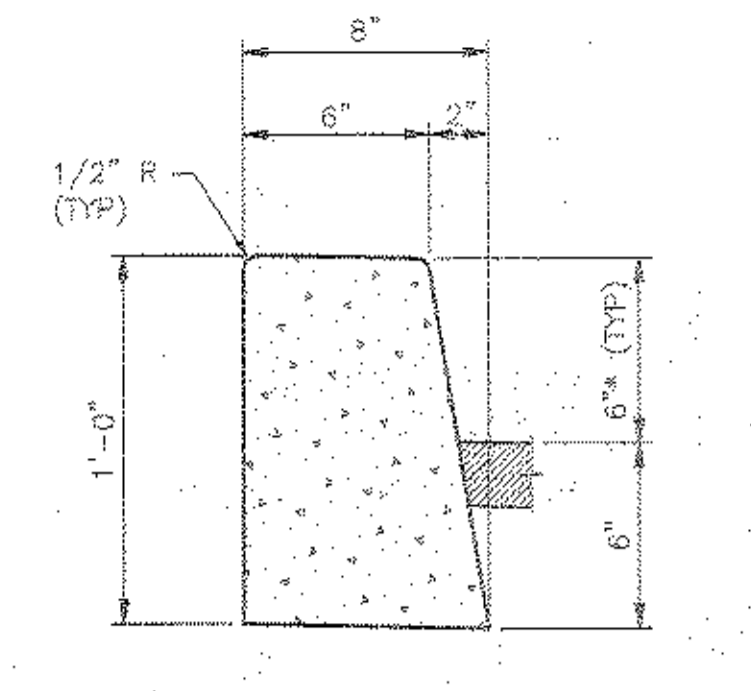
**TYPICAL FRONT WALK PLAN** 5  
CD3 C2  
NOT TO SCALE



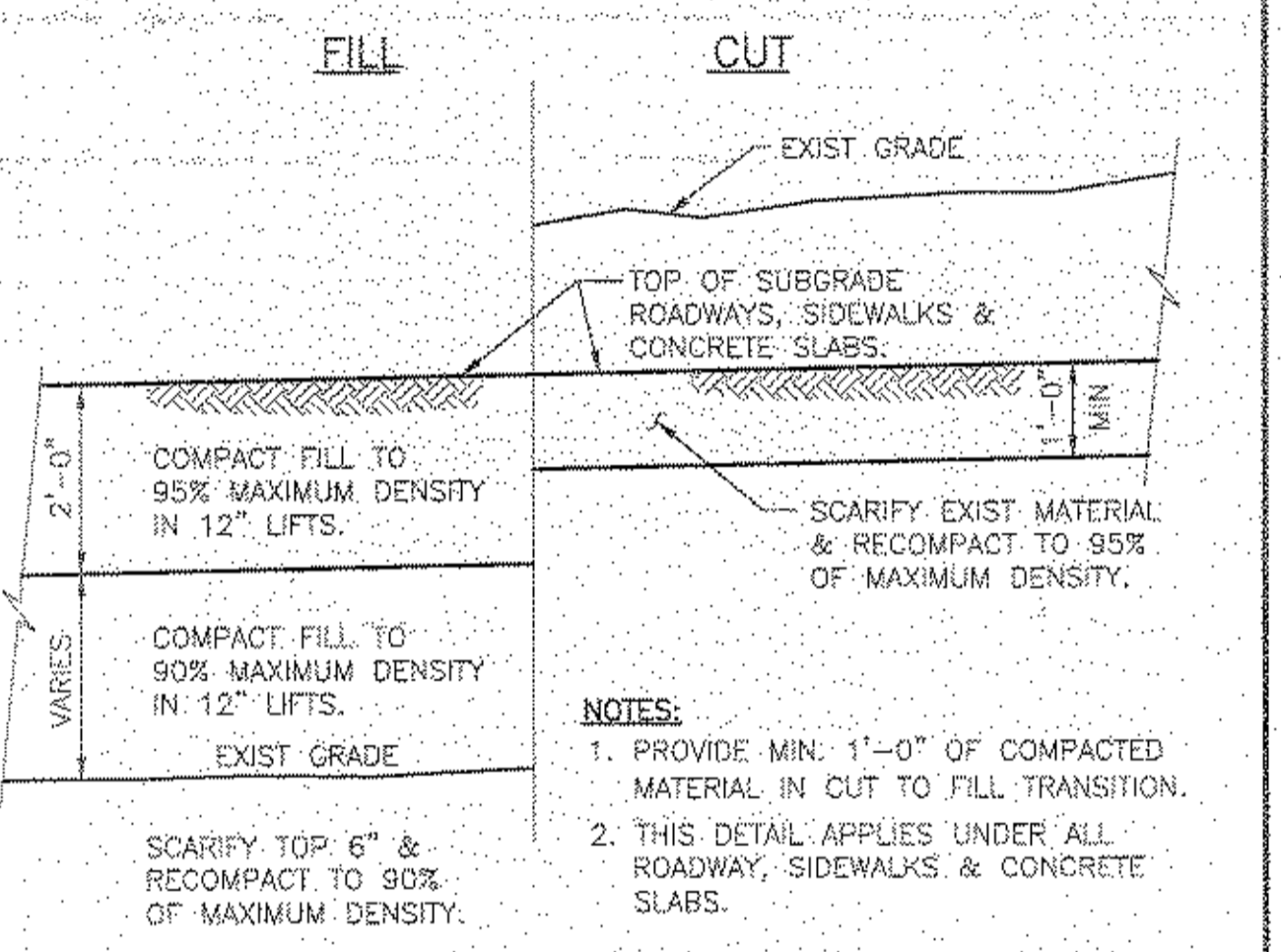
**STREET SECTION** 9  
CD3 C2  
NOT TO SCALE



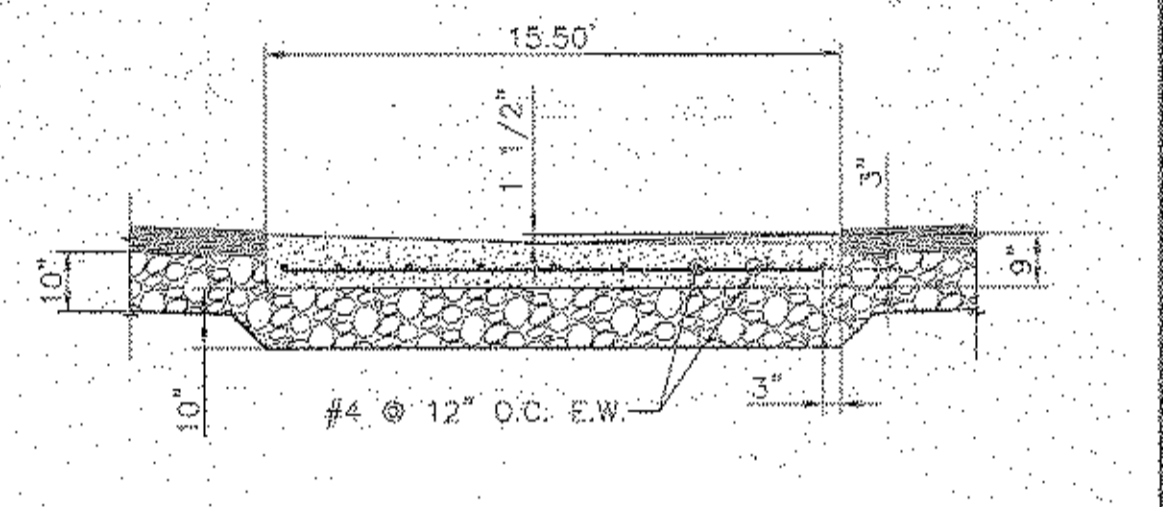
**24" "L" TYPE CURB DETAIL** 2  
CD3 C2  
NOT TO SCALE



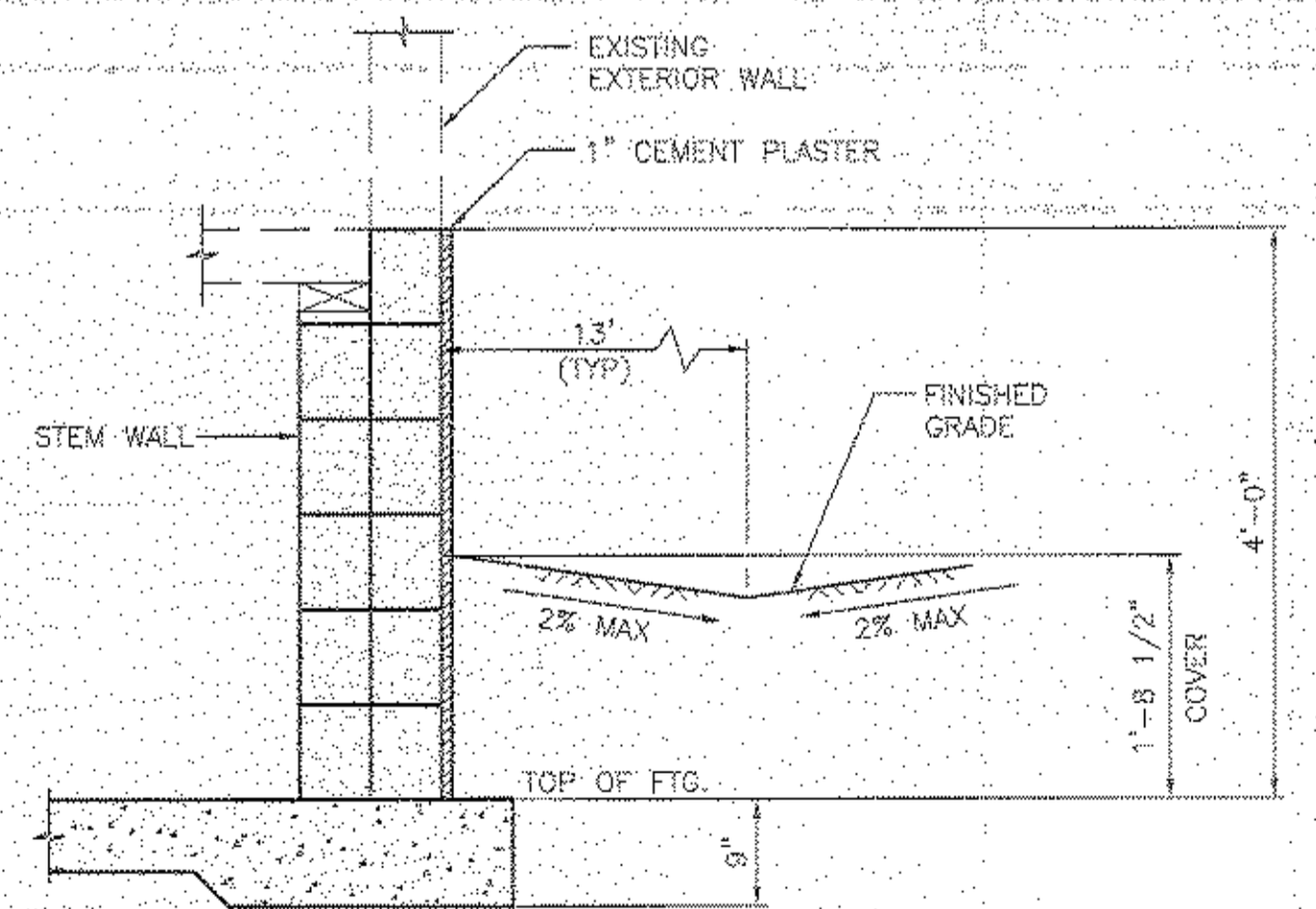
**TYPE "A" CURB DETAIL** 3  
CD3 C2  
NOT TO SCALE



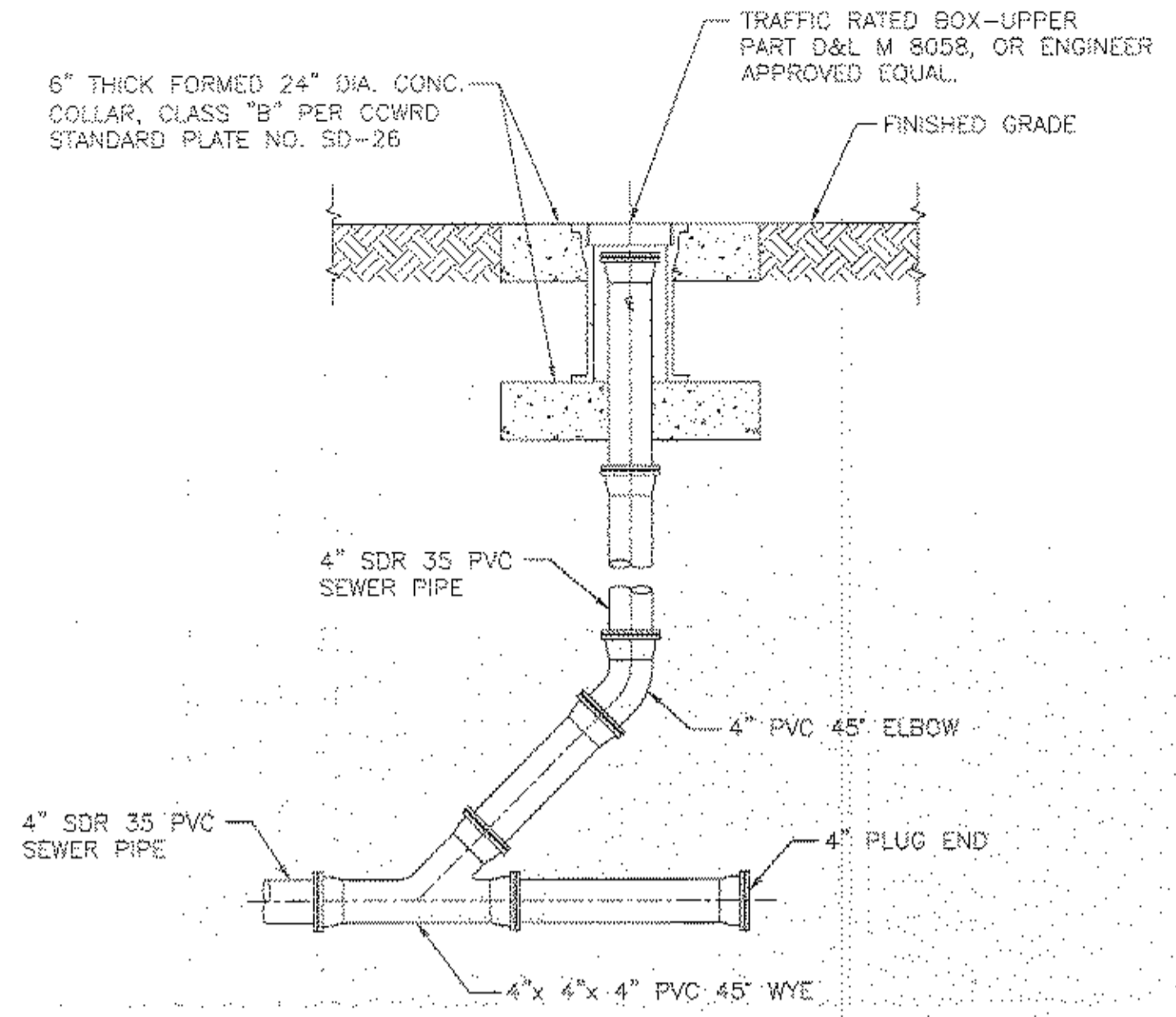
**SUBGRADE PREPARATION** 6  
CD3 C2  
NOT TO SCALE



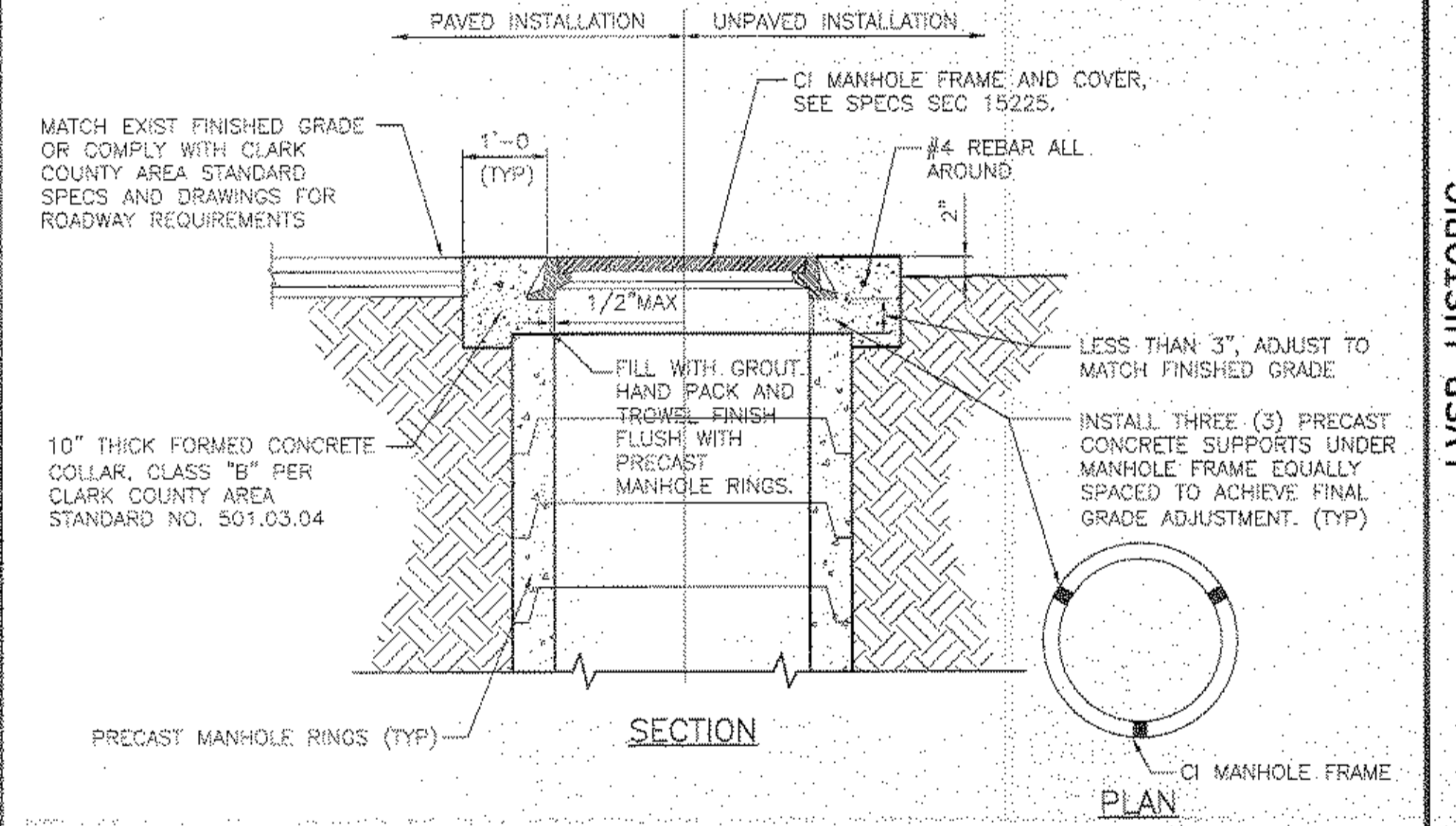
**SECTION - VALLEY GUTTER** 7  
CD3 C2  
NOT TO SCALE



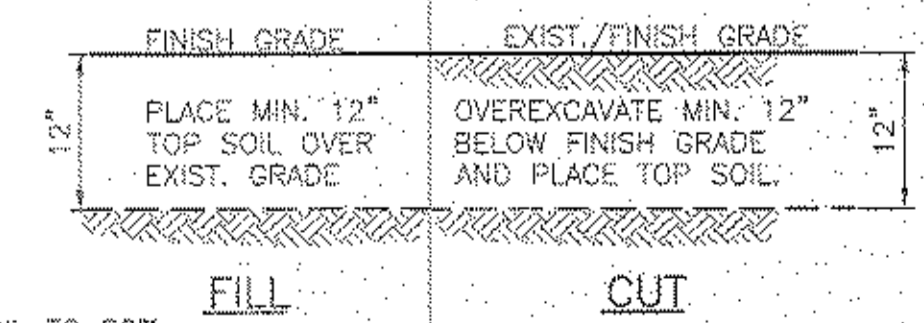
**COMMON SIDELAND DRAINAGE** 10  
CD3 C2  
SCALE: 3/4" = 1'-0"



**CLEANOUT INSTALLATION DETAIL** 4  
CD3 C3  
NOT TO SCALE

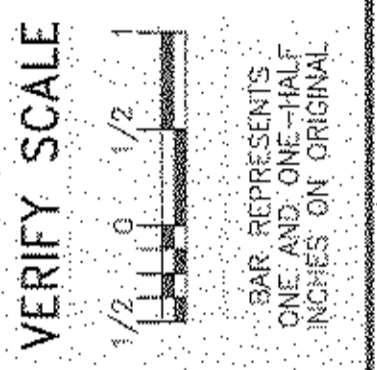
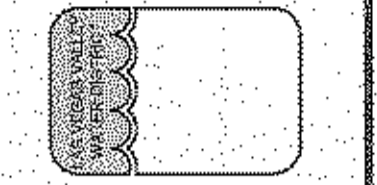


**MANHOLE COVER AND COLLAR INSTALLATION** 8  
CD3 C3  
NOT TO SCALE



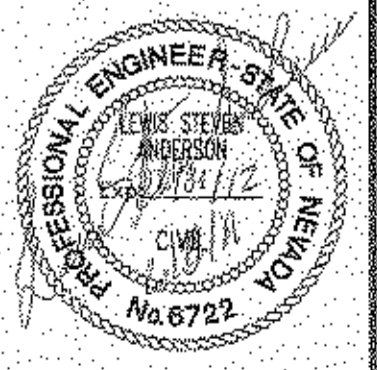
**TOPSOILING** 11  
CD3 C2  
NOT TO SCALE

LAS VEGAS VALLEY WATER DISTRICT  
1001 S. VALLEY VIEW BOULEVARD  
LAS VEGAS, NEVADA 89153  
(702) 970-2011



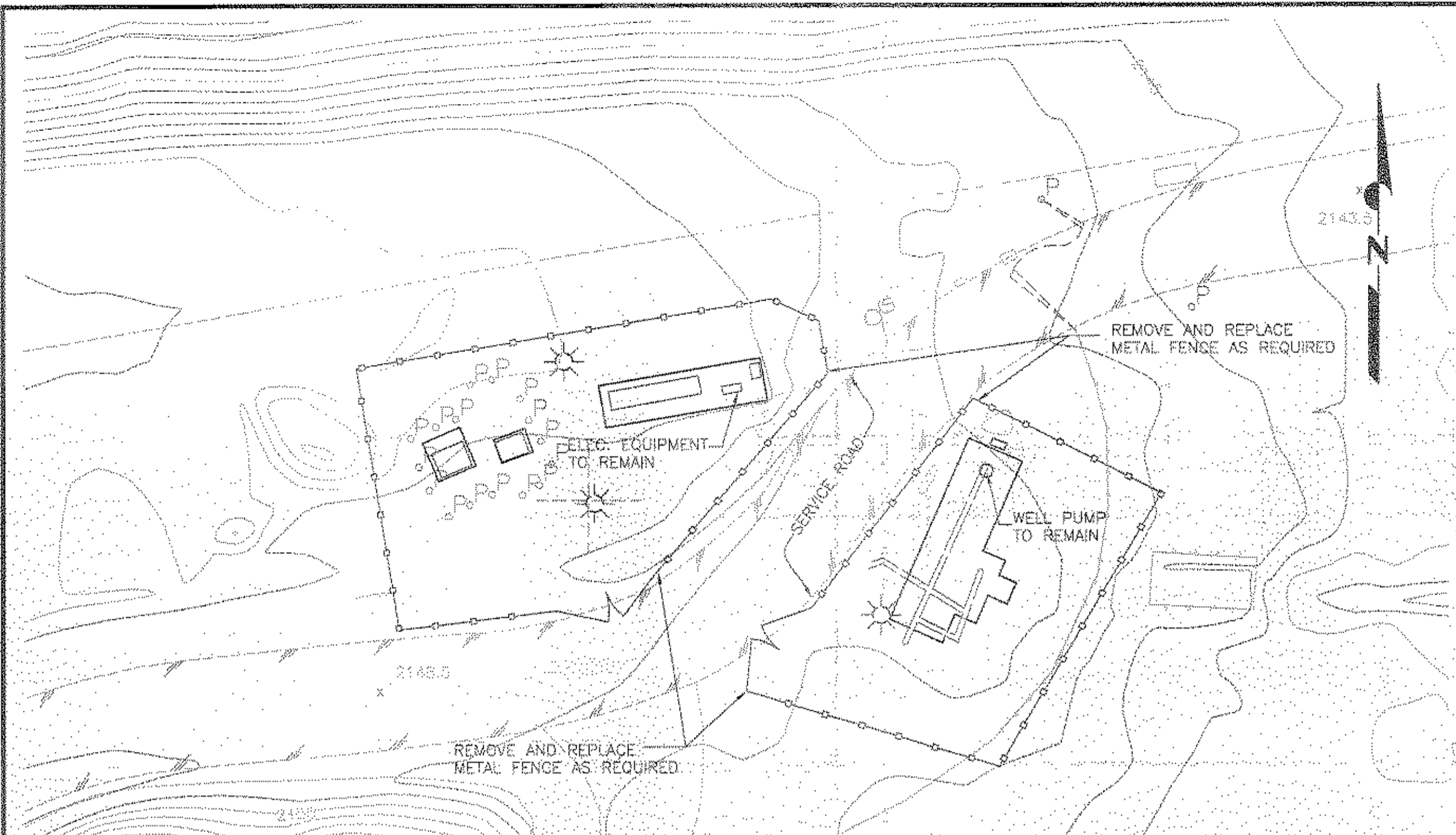
LYSP HISTORIC RAILROAD COTTAGES RESTORATION  
SITE DETAILS III

DRAWN BY: A. CLUMINGS / R.C. WELDEN	DATE: 05/29/2010
CHECKED BY: L. STEVEN ANDERSON	DATE: 06/29/2010
RECOMMENDED BY:	DATE:
ACCEPTED BY: L. STEVEN ANDERSON	DATE:
PETER J. JAUCH	DATE:



CONTRACT NUMBER  
**C1317**  
DRAWING NUMBER CD-3  
SHEET 13 OF X

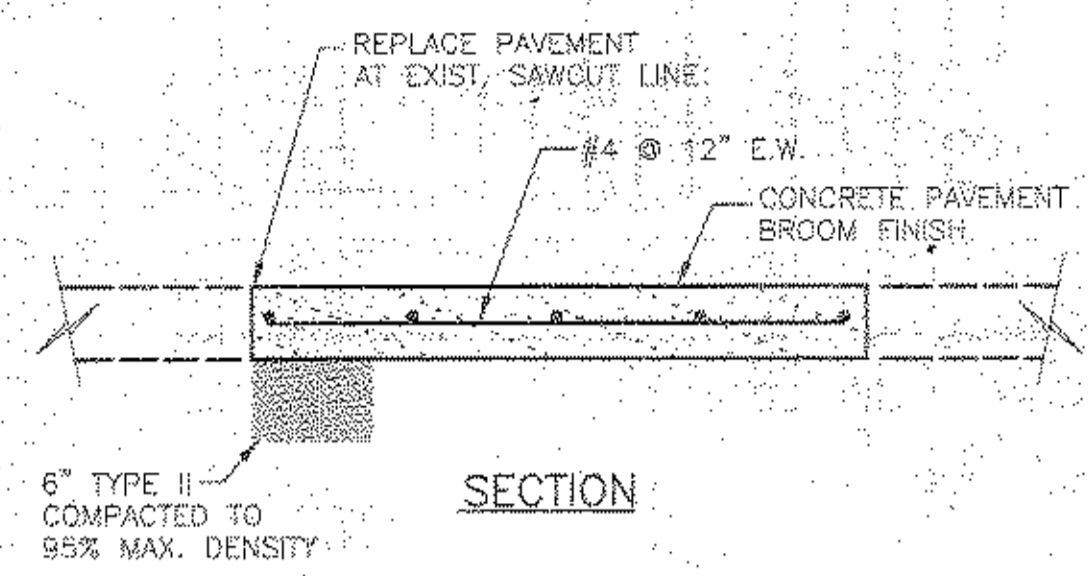
Call before you Dig  
1-702-227-2929



**WELL #15A FENCE**

SCALE: 1" = 20'

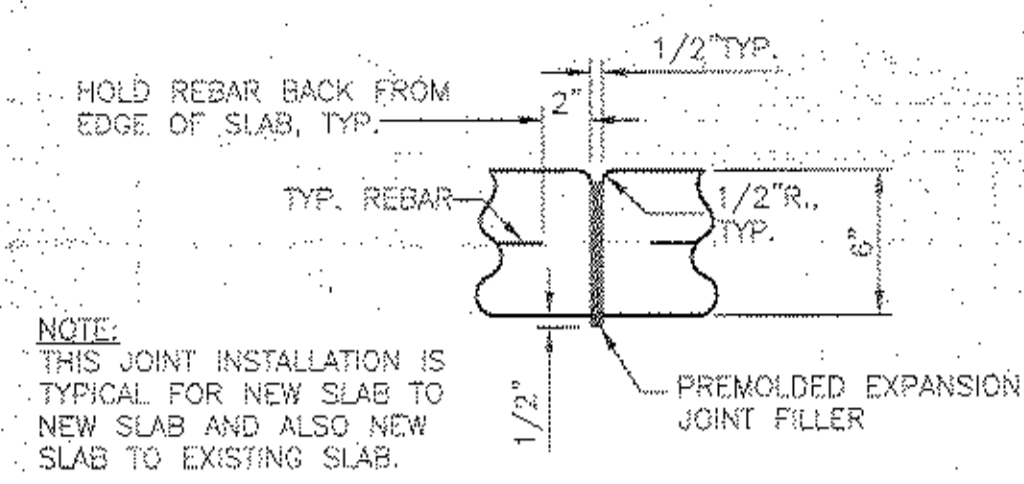
1  
CD4  
C1



**PAVEMENT REPAIR DETAIL**

NOT TO SCALE

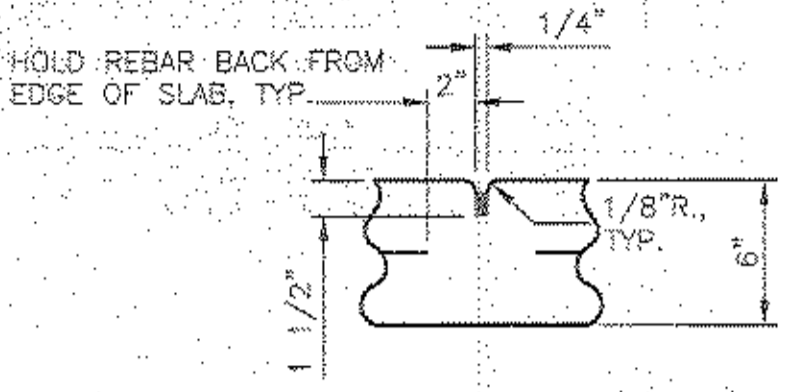
2  
CD4  
C4



**CONCRETE SLAB EXPANSION JOINT**

NOT TO SCALE

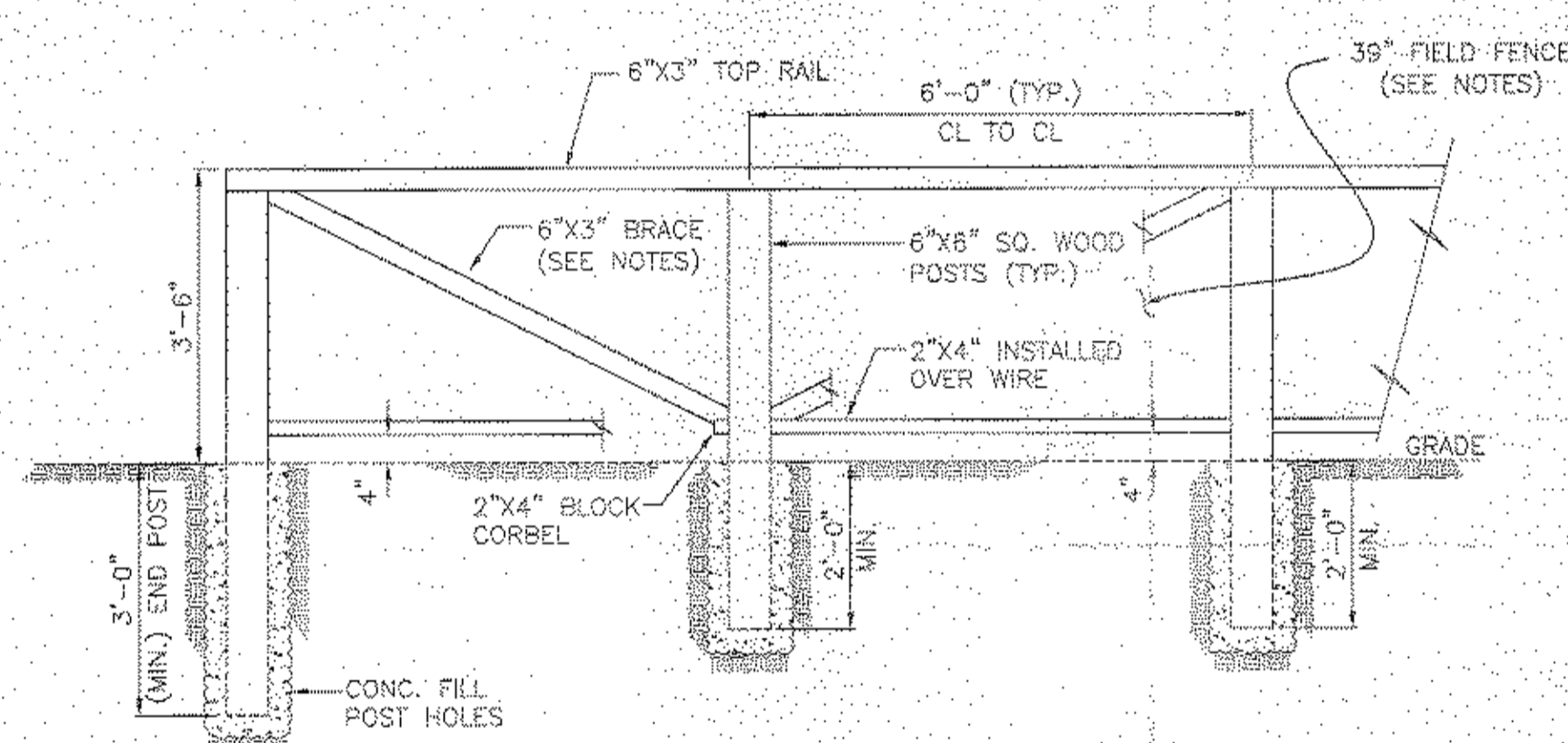
3  
CD4  
C4



**CONSTRUCTION JOINT**

NOT TO SCALE

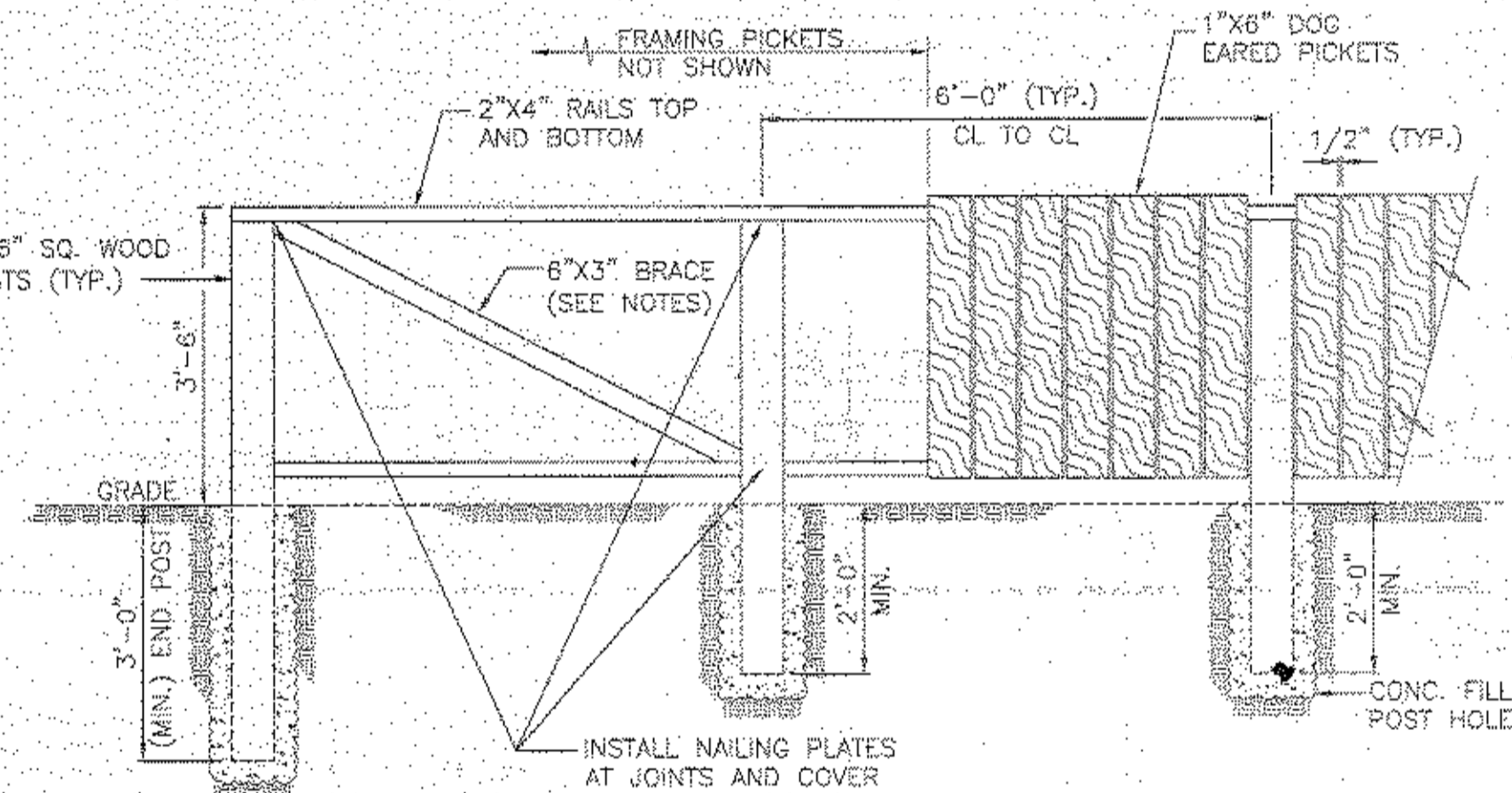
4  
CD4  
C4



**WIRE FENCE DETAIL**

SCALE: 1/2" = 1'

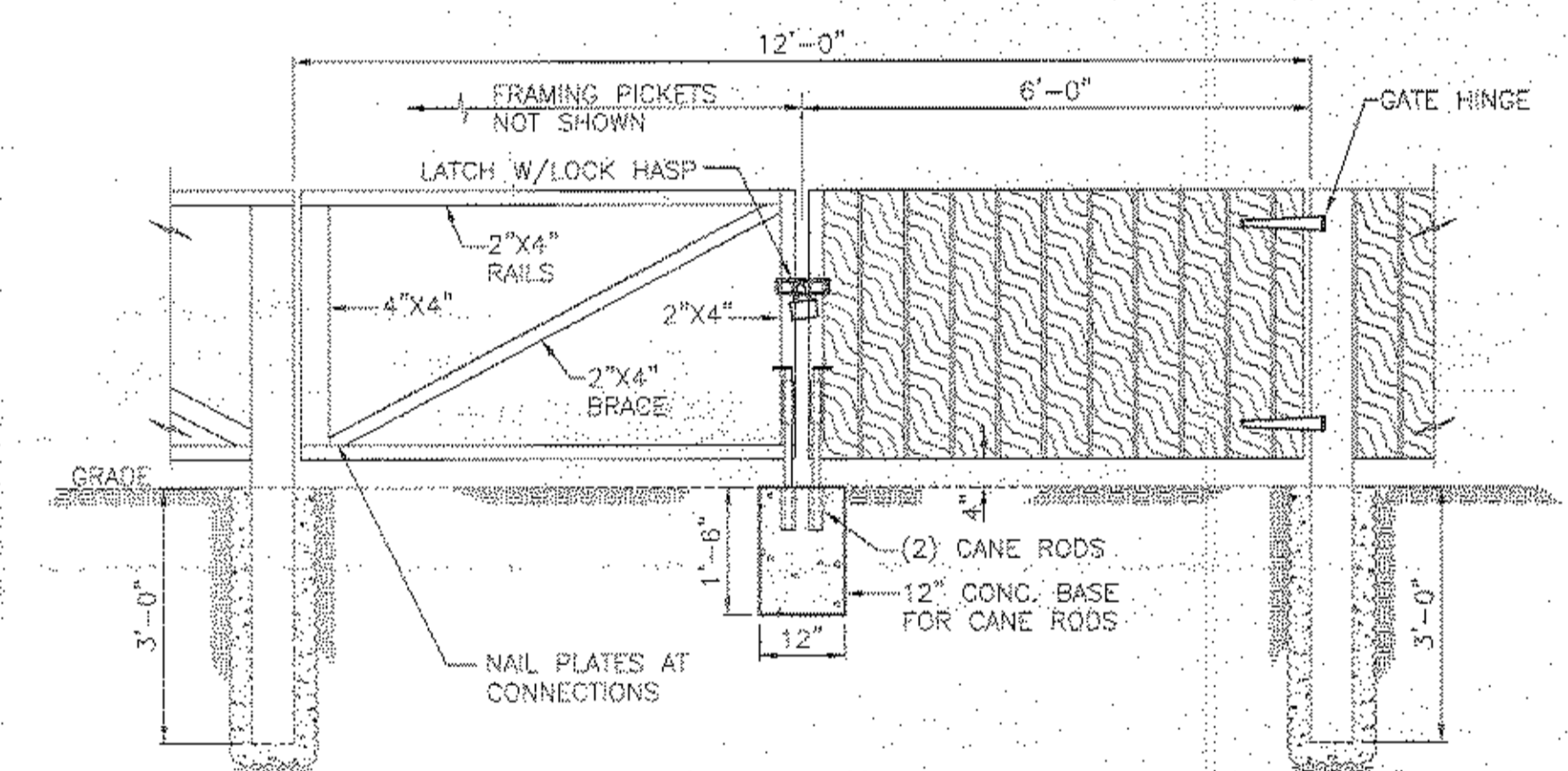
5  
CD4  
C2



**BOARD FENCE DETAIL**

SCALE: 1/2" = 1'

6  
CD4  
C2



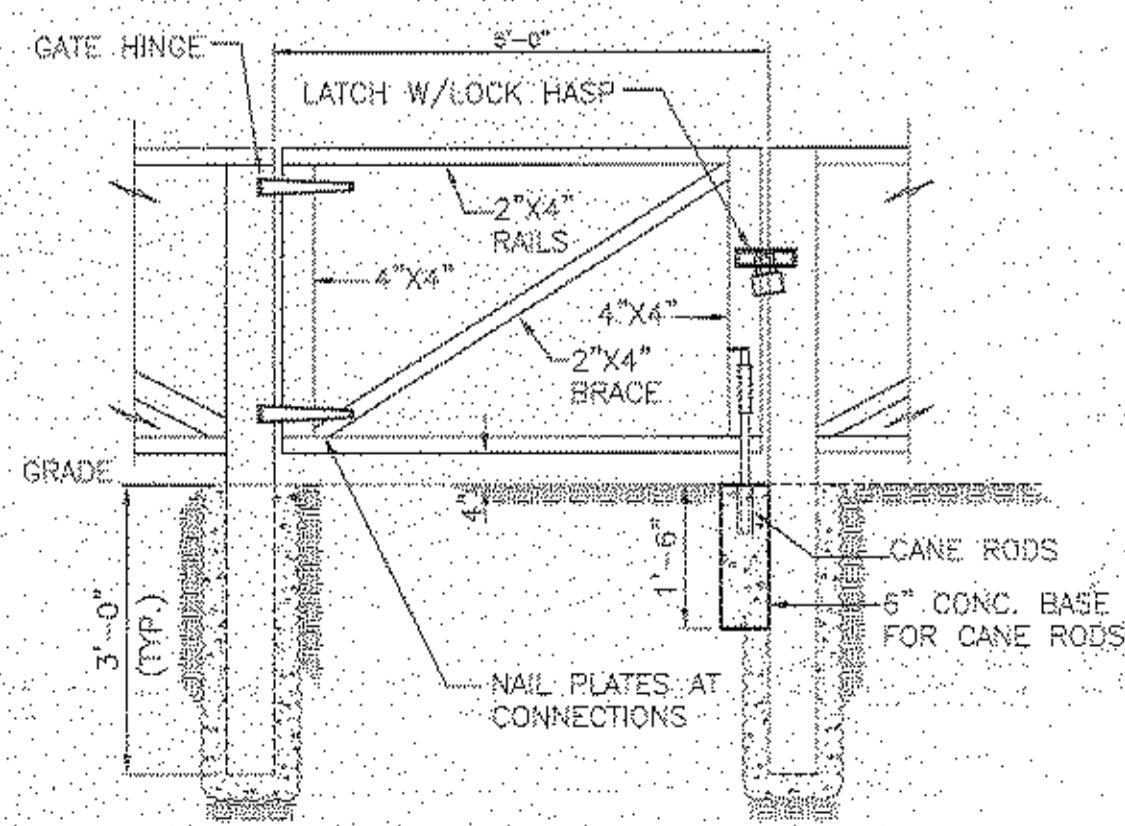
**FENCE GATE**

SCALE: 1/2" = 1'

7  
CD4  
C2

**FENCE NOTES:**

1. INSTALL BRACED SECTION AND END POST AT THE FOLLOWING LOCATIONS:  
A. CHANGES IN DIRECTION (BOTH SIDES).  
B. ENDS.  
C. TRANSITION FROM FENCE MATERIAL.  
D. AT 100 FOOT INTERVALS IN STRAIGHT RUNS OF FENCE.
2. FENCE POSTS SHALL BE PRESSURE TREATED PINE LUMBER.
3. WOOD FRAMING FOR FENCING SHALL BE APPEARANCE GRADE LUMBER.
4. PICKETS FOR WOOD FENCE SHALL WESTERN RED CEDAR OR WHITE CEDAR, SPECIFICALLY CUT FOR WOOD FENCE APPLICATIONS.
5. ALL EXPOSED WOOD SHALL BE CLEARCOATED PER THE SPECIFICATIONS.
6. FENCE WIRE SHALL BE 6 X 6 MESH, 12 BWG, ELECTRO GALVANIZED AFTER WELDING.
7. USE NAIL PLATES FOR MAKING CONNECTIONS WHERE CONNECTION IS HIDDEN BY PICKETS. FOR WIRE FENCE FASTENERS MAY BE COUNTER SUNK 1/2 THICKNESS OF THE MEMBER.
8. USE DECK SCREWS FOR FASTENERS, INCLUDING FASTENING PICKETS. TOTAL FOUR SCREWS PER PICKET.
9. FENCE WIRE SHALL BE TENSIONED AND FASTENED WITH FENCE STAPLES. FASTEN WIRE TO TOP RAIL AT MINIMUM 24 INCH INTERVALS. FASTEN WIRE TO POST AT EVERY OTHER HORIZONTAL RUNG.
10. ALL GATE HARDWARE BLACK MATTE FINISH.
11. GATE HINGES SHALL BE J BOLT/STRAP TYPE WITH MINIMUM 12 INCH STRAP. HINGES PAIR SHALL BE CAPABLE OF SUPPORTING 200 LB. GATE.



**SINGLE GATE**

SCALE: 1/2" = 1'

8  
CD4  
C2