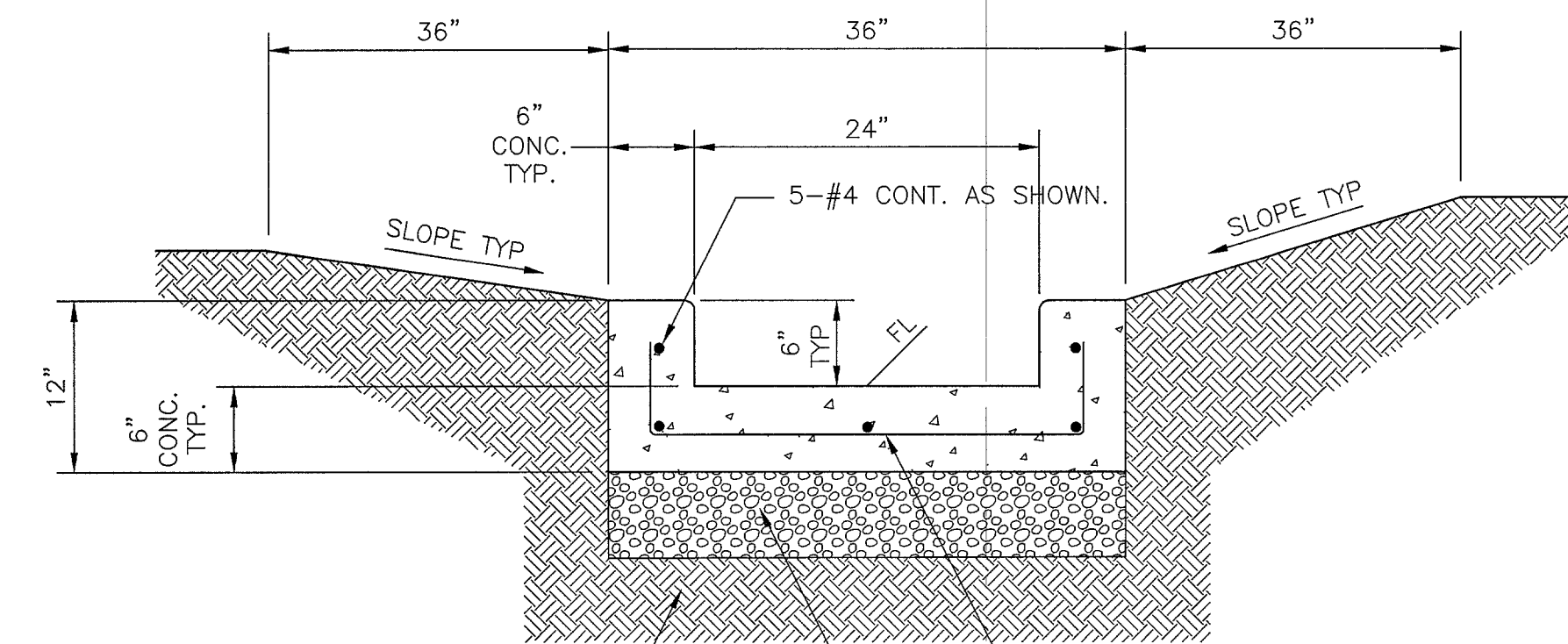




COMPACTED SUBGRADE—COMPACT THE TOP 12" TO SUBGRADE TO 95% RELATIVE DENSITY

6" TYPE II AGGREGATE BASE COMPACTED TO 95% RELATIVE DENSITY

5-#4 CONT. AS SHOWN.

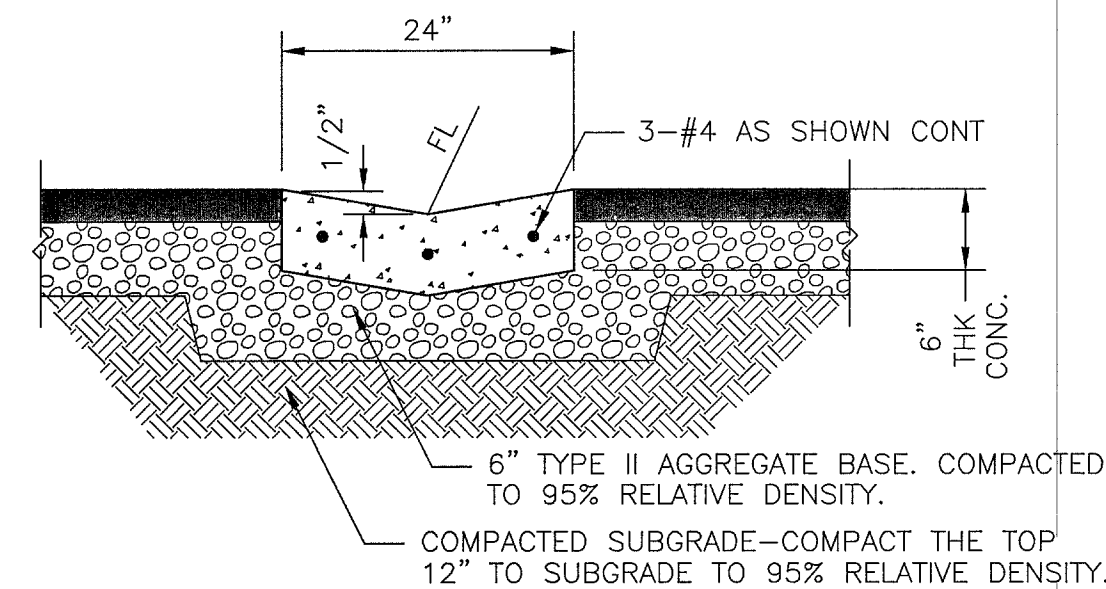
6" CONC. TYP.

SLOPE TYP.

CONCRETE FLUME

SCALE: NTS

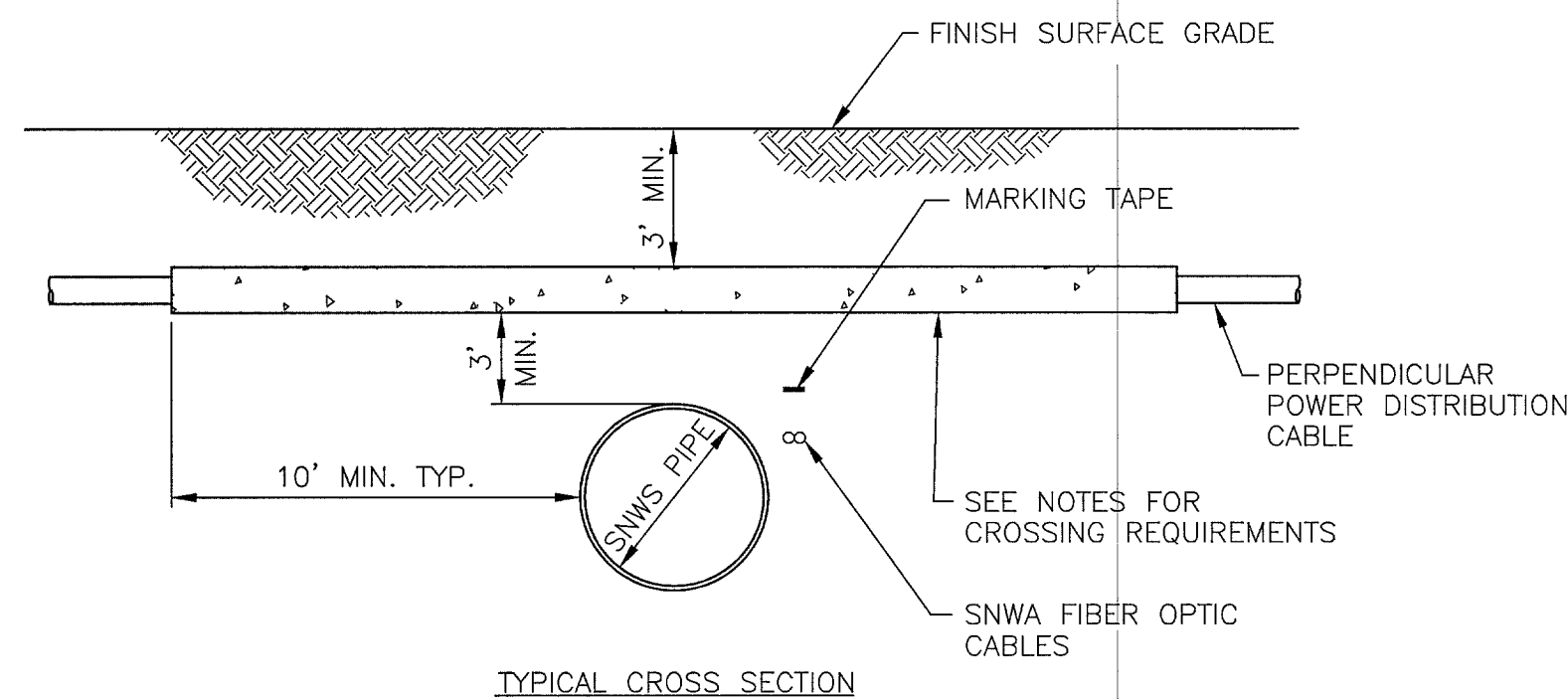
1
C3
C2



2' CONCRETE VALLEY GUTTER

SCALE: NTS

2
C3
C2



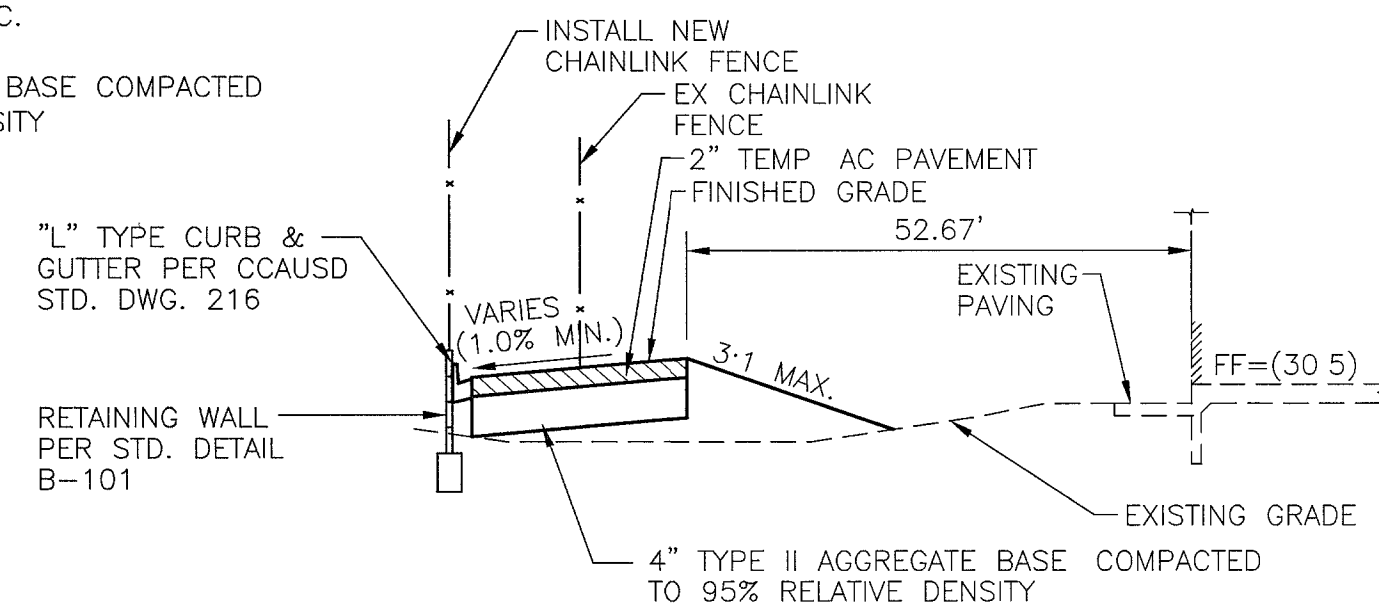
NOTES

- ALL POWER LINES (INCLUDING STREET LIGHT AND TRAFFIC SIGNAL CONDUIT(S)) SHALL BE ENCASED IN A MINIMUM OF SIX (6) INCHES OF RED CONCRETE (3000 PSI MINIMUM) EXTENDING A MINIMUM OF TEN (10) FEET ON EACH SIDE OF THE CROSSING FROM THE OUTSIDE DIAMETER (IN BOTH DIRECTIONS) OF THE WATER TRANSMISSION MAIN.
- ALL POWER LINE (INCLUDING STREET LIGHT AND TRAFFIC SIGNAL CONDUIT(S)) SHALL MAINTAIN MINIMUM VERTICAL CLEARANCES OF THREE (3) FEET ABOVE AND TWO (2) FEET BELOW SNWS PIPELINE.

UTILITY SEPARATION GUIDELINE POWER AND STREETLIGHT CONDUITS

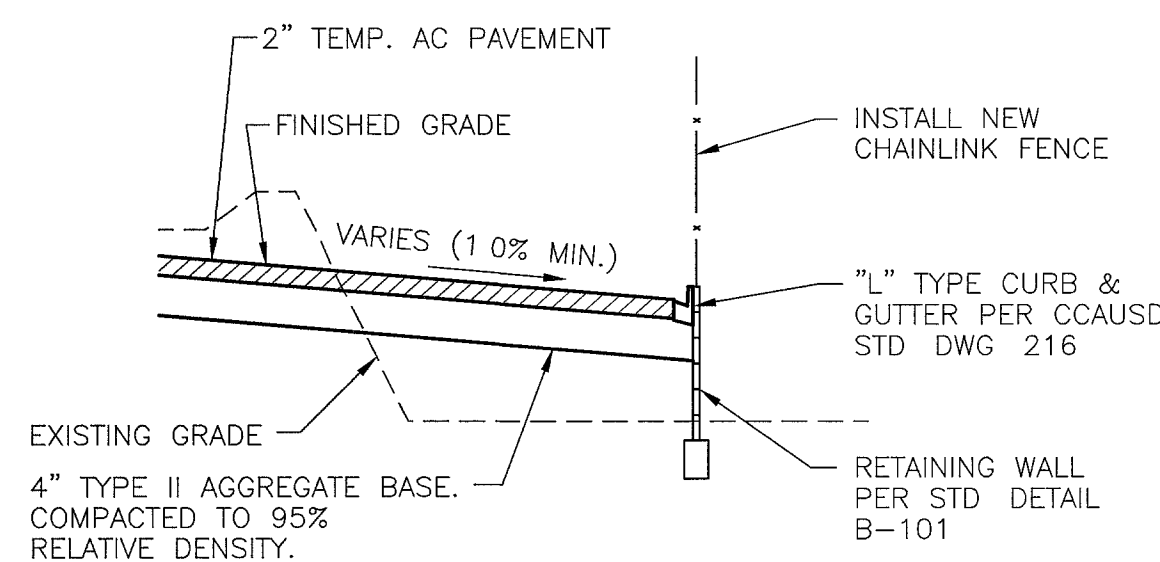
SCALE: NTS

3
C3
E2



SECTION F C3 C2

SCALE: NTS



SECTION G C3 C2

SCALE: NTS

NOTES

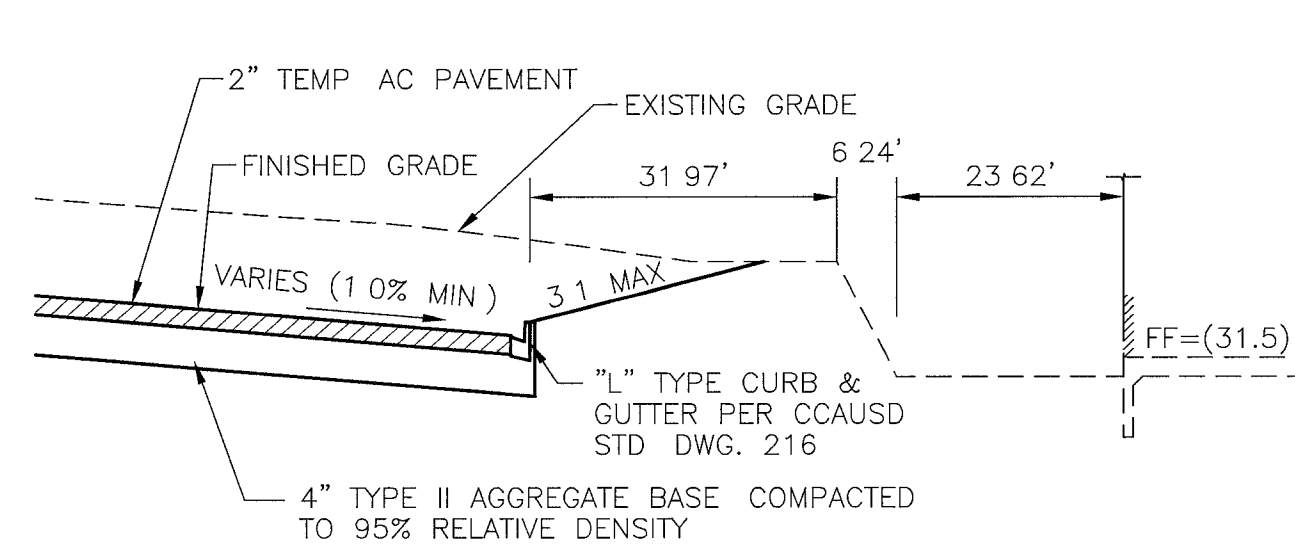
- FENCING SHALL BE CHAIN LINK AND SHALL CONSIST OF GALVANIZED CHAIN LINK FABRIC ON STEEL POSTS.
 - ALL POST TOPS SHALL BE FITTED WITH SUITABLE FINIALS
 - BRACES SHALL BE SPACED APPROXIMATELY 12" BELOW TOP OF TERMINAL POSTS OF TERMINAL POSTS AND SHALL EXTEND FROM END, GATE, OR CORNER POSTS TO FIRST ADJACENT LINE POST
 - ALL FITTINGS SHALL BE HOT DIPPED GALVANIZED MALLEABLE, CAST IRON, OR PRESSED STEEL
 - TOP AND BOTTOM SELVAGES OF THE FENCE SHALL HAVE A TWISTED AND BARBED FINISH
 - CHAIN LINK FABRIC SHALL BE GREEN VINYL COATED POSTS AND HARDWARE TO BE PAINTED TO MATCH SEE SPECIFICATIONS
- BARBED WIRE, EXTENSION ARMS, AND TOP HORIZONTAL RAILS SHALL BE INSTALLED ONLY WHEN SHOWN ON THE PLANS AND/OR CALLED FOR IN THE SPECIAL PROVISIONS

TABLE 1 FOR CHAIN LINK FENCE 72" AND LESS		
LOCATION	MIN SIZE	MIN WEIGHT
END, CORNER & PULL	2.351 OD	3.10
LINE	2.00 OD	2.72
BRACES	1.630 OD	2.27
TOP RAIL	1.630 OD	2.27

CHAINLINK FENCE

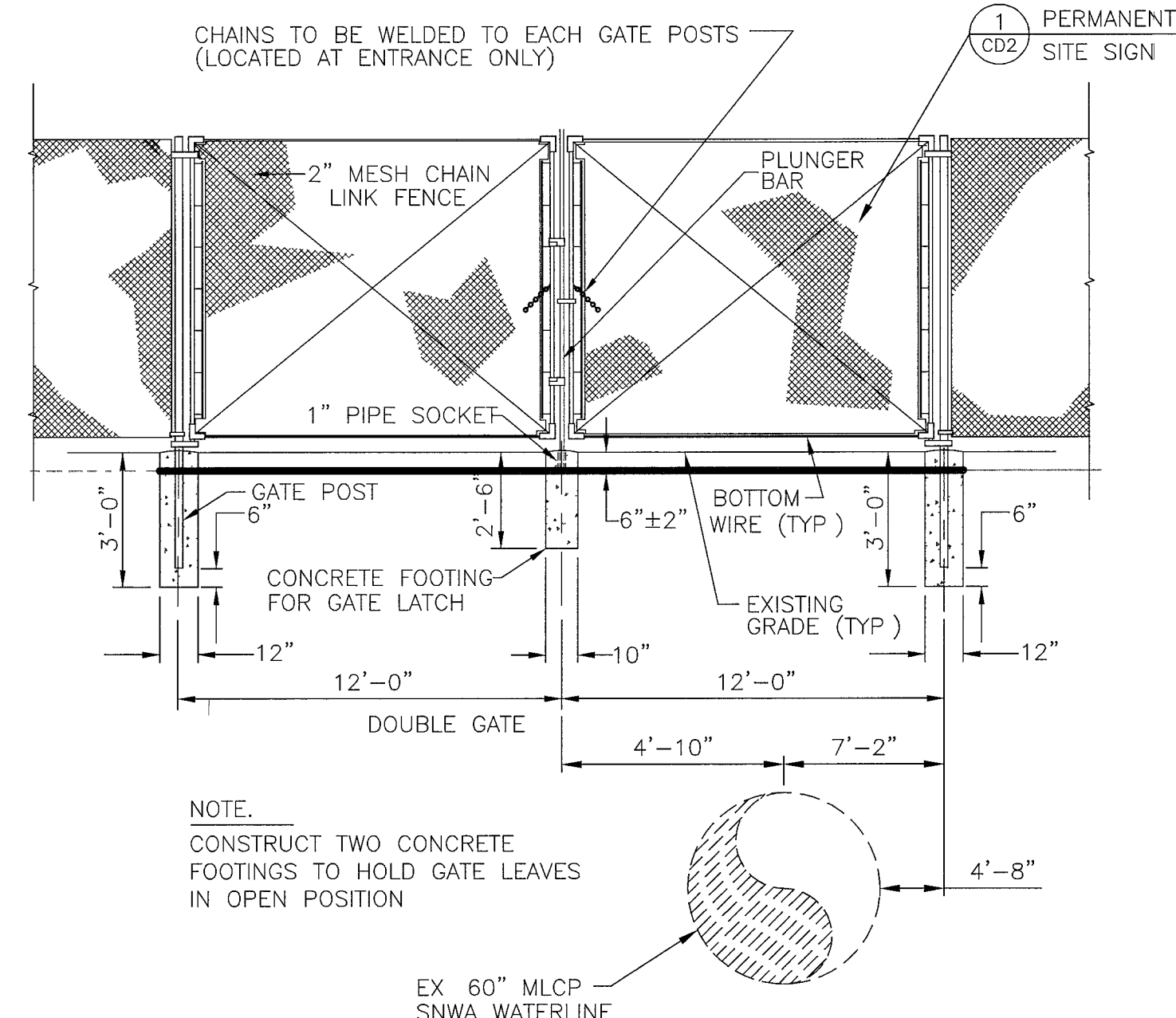
SCALE: NTS

4
C3
C2



SECTION E C3 C2

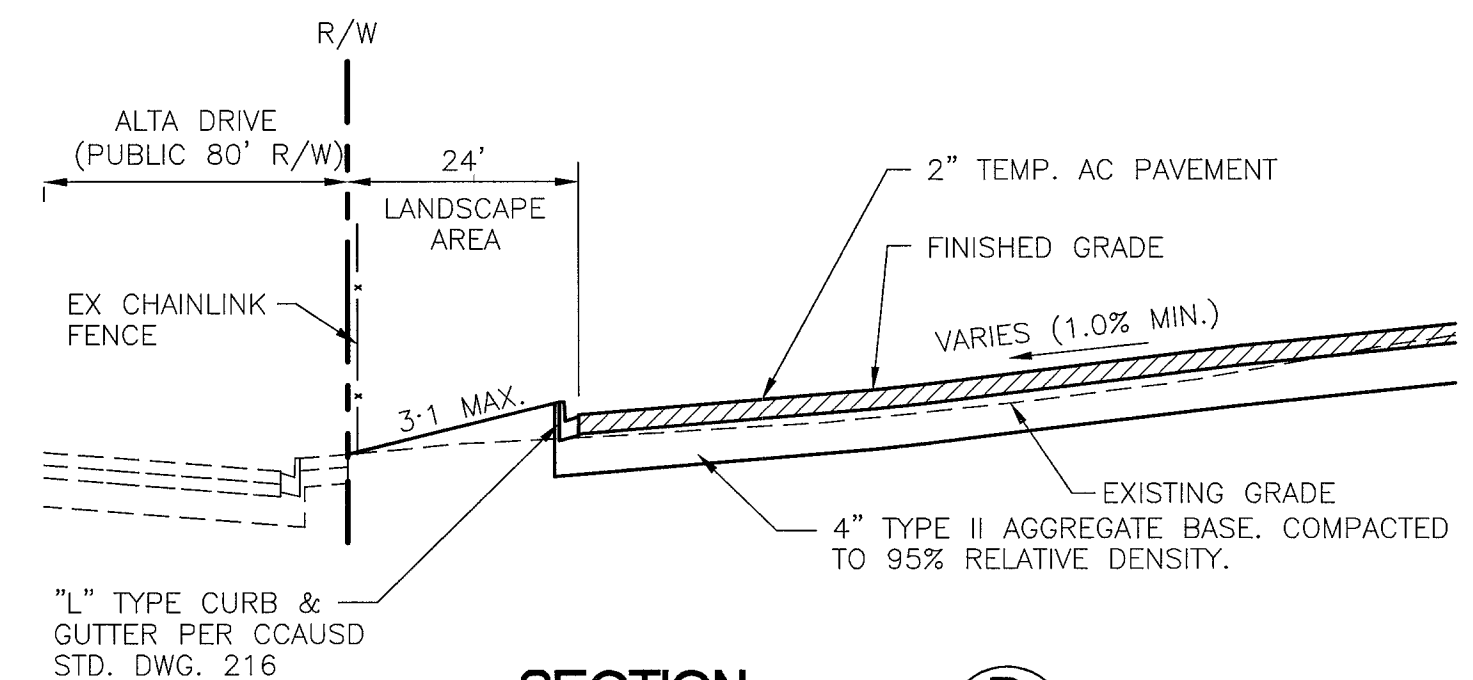
SCALE: NTS



DOUBLE LEAF GATE

SCALE: NTS

5
C3
C2

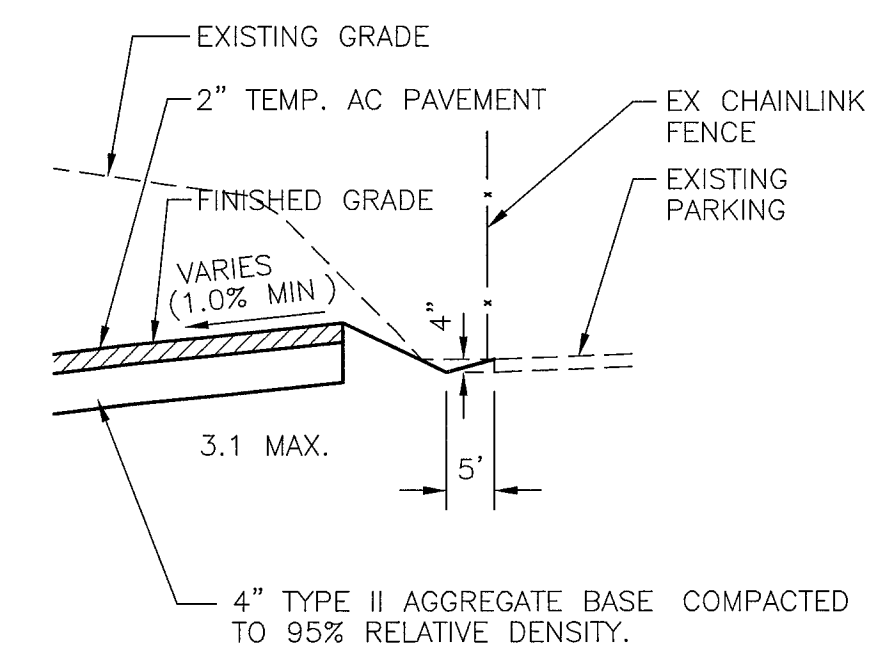


SECTION A C3 C2

SCALE: NTS

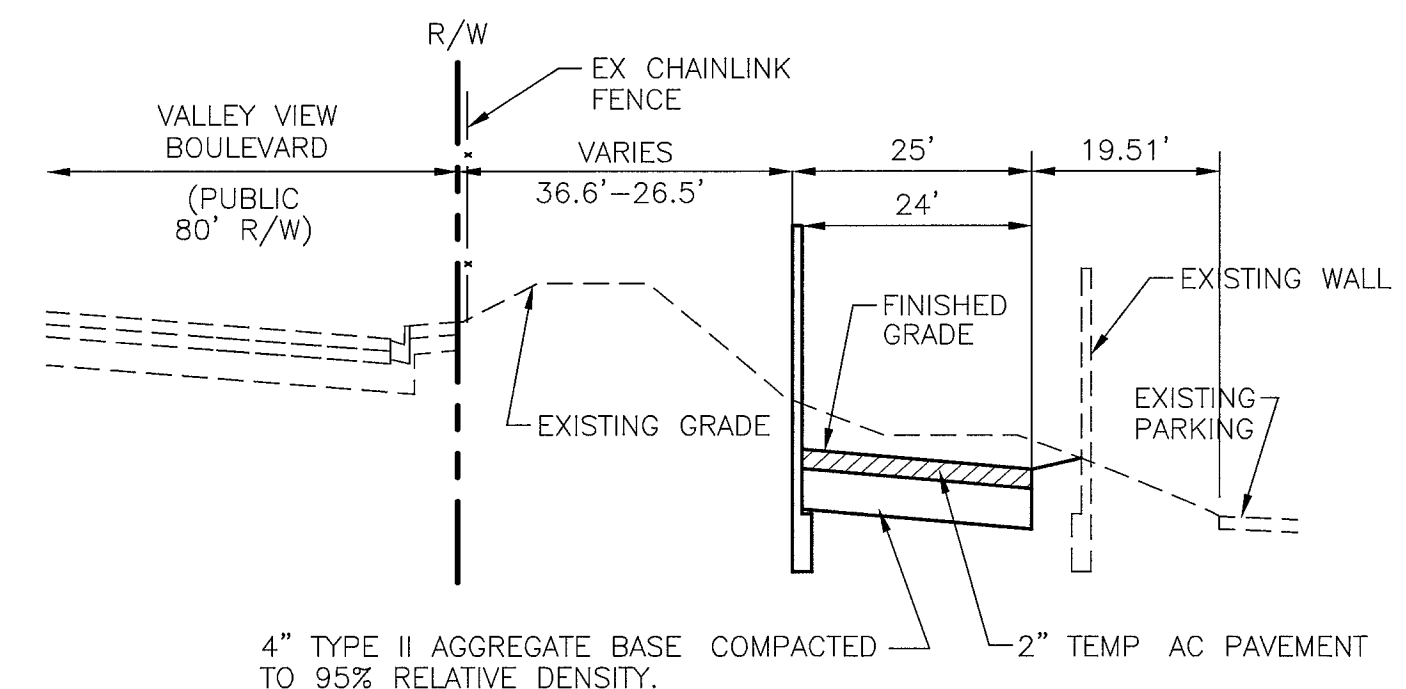
SECTION B C3 C2

SCALE: NTS



SECTION C C3 C2

SCALE: NTS



SECTION D C3 C2

SCALE: NTS

SNWA CONSTRUCTION NOTE:

CONTRACTOR SHALL FIELD LOCATE AND PROTECT ALL SNWA/SNWS APPURTENANCES INCLUDING, BUT NOT LIMITED TO AV/AR, ACCESS MANWAYS AND CATHODIC PROTECTION SYSTEMS. ALL ABOVE GROUND STRUCTURES AND AT GRADE STRUCTURES MUST BE ADJUSTED TO NEW GRADE AT CONTRACTOR'S EXPENSE. CATHODIC PROTECTION TEST STATIONS, RECTIFIERS, AND AV/AR'S MUST BE RELOCATED TO THE SIDEWALK PER SNWA STANDARDS AND AT THE CONTRACTOR'S EXPENSE. CONTRACTOR TO NOTIFY SOUTHERN NEVADA WATER AUTHORITY, DEVELOPMENT PLAN REVIEW, AT (702) 862-3444 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY.

LAS VEGAS VALLEY WATER DISTRICT

WRIGHT ENGINEERS

7425 PEAK DRIVE
LAS VEGAS, NEVADA 89128
TEL (702) 933-7000 FAX (702) 933-7001
CIVIL STRUCTURAL MEP LAND SURVEYING

VERIFY SCALE

1/2 0 1/2

BAR REPRESENTS ONE AND ONE-HALF INCHES ON ORIGINAL

LVWD CAMPUS IMPROVEMENTS, PHASE I

GRADING SECTIONS & DETAILS

SCALE AS SHOWN

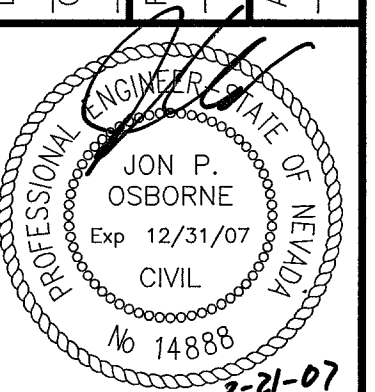
M:_civil\2006\CN061037.dwg (civil) C-1202-8-C-C3.dwg Plot @ 2/21/2007

DRAWN BY: DD 01/17/07

CHECKED BY: JM 01/17/07

RECOMMENDED BY: LVWD SENIOR CIVIL ENGINEER DATE

ACCEPTED BY: DESIGN MANAGER DATE



CONTRACT NUMBER

C1202

DRAWING NUMBER C3 SHEET 8 OF 14

CLV DWG # 107V4832