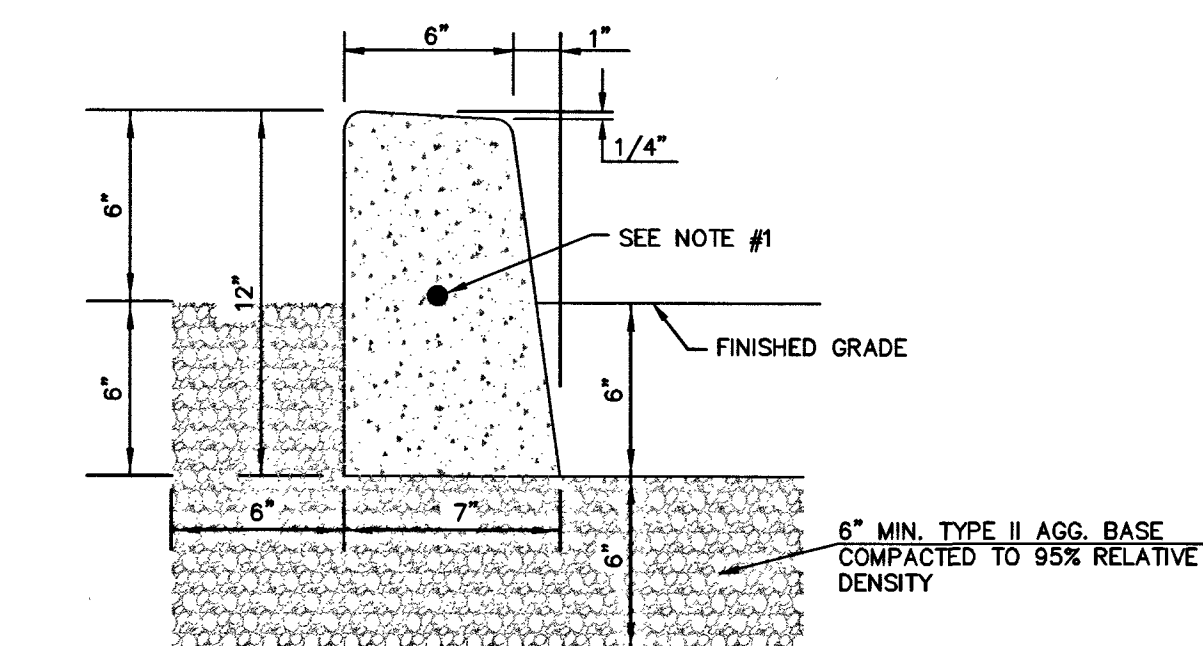
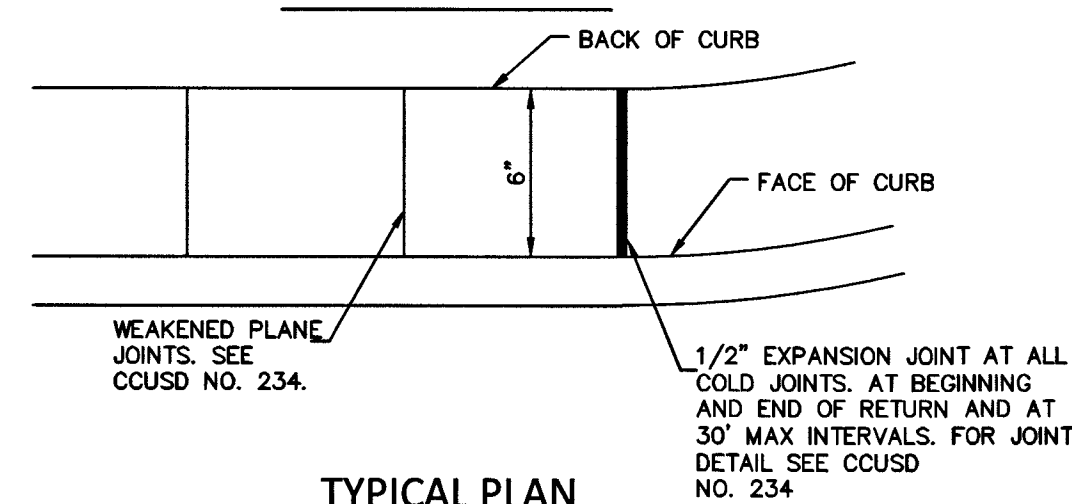




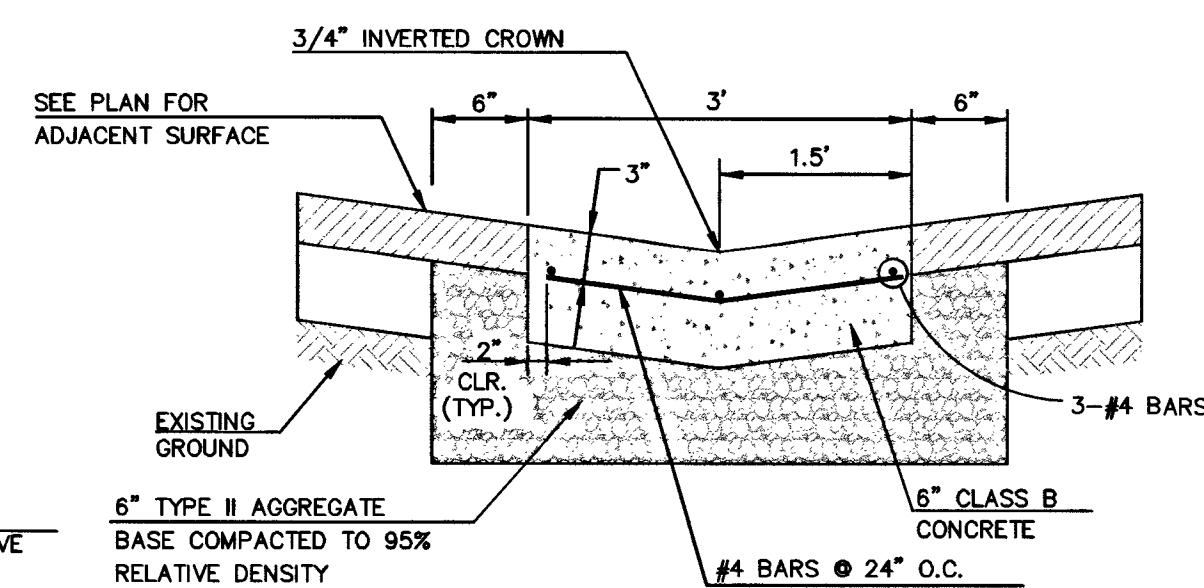
'A' CURB SECTION



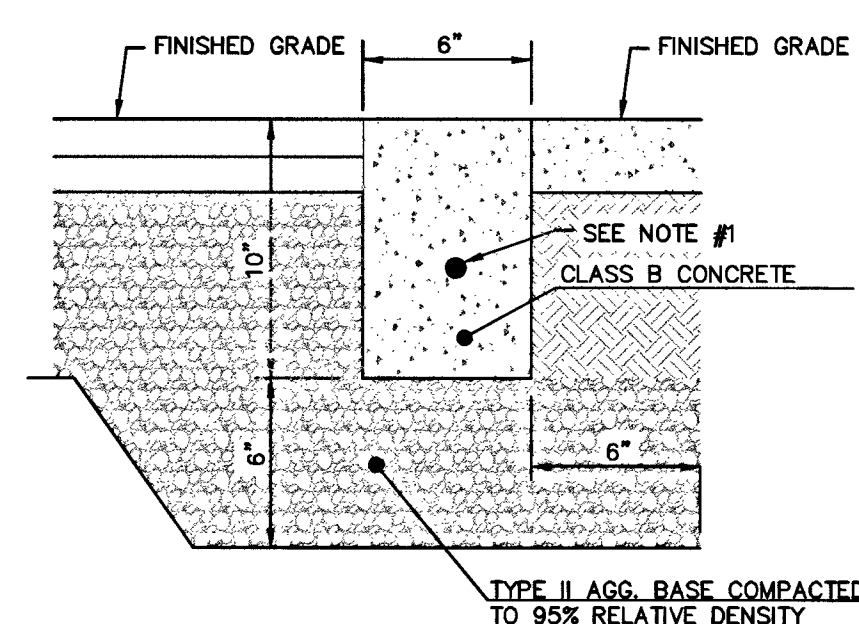
TYPICAL PLAN

NOTES:
1. CONTINUOUS #4 REBAR IN RADIUS OF CURB ONLY

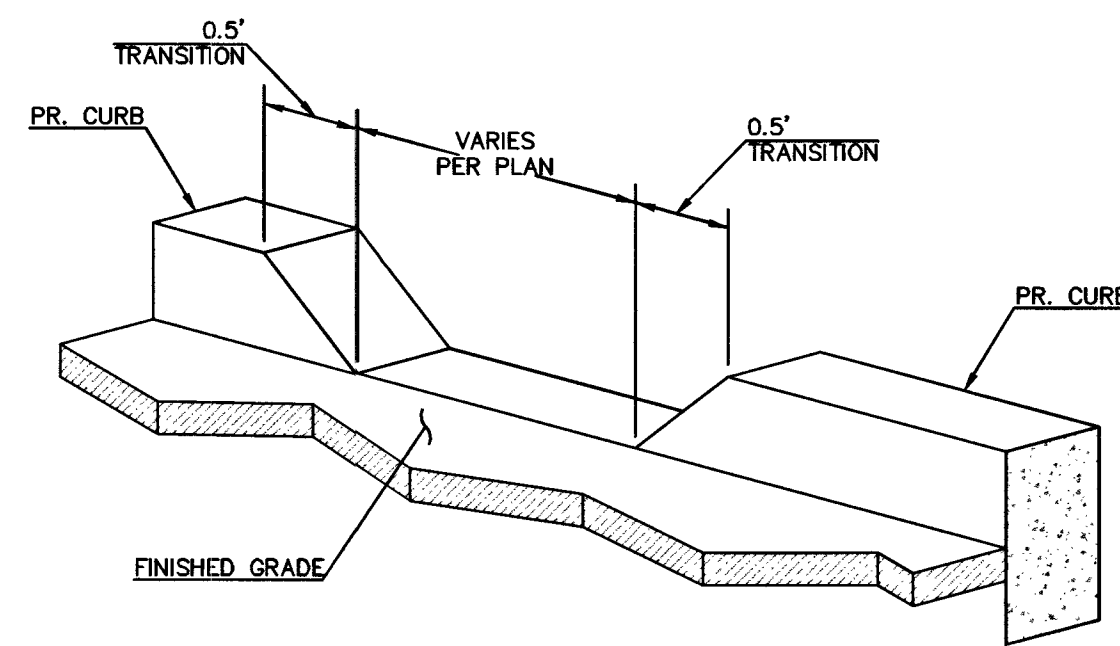
A
C8.01 TYPE 'A' CURB (ONSITE)
NTS



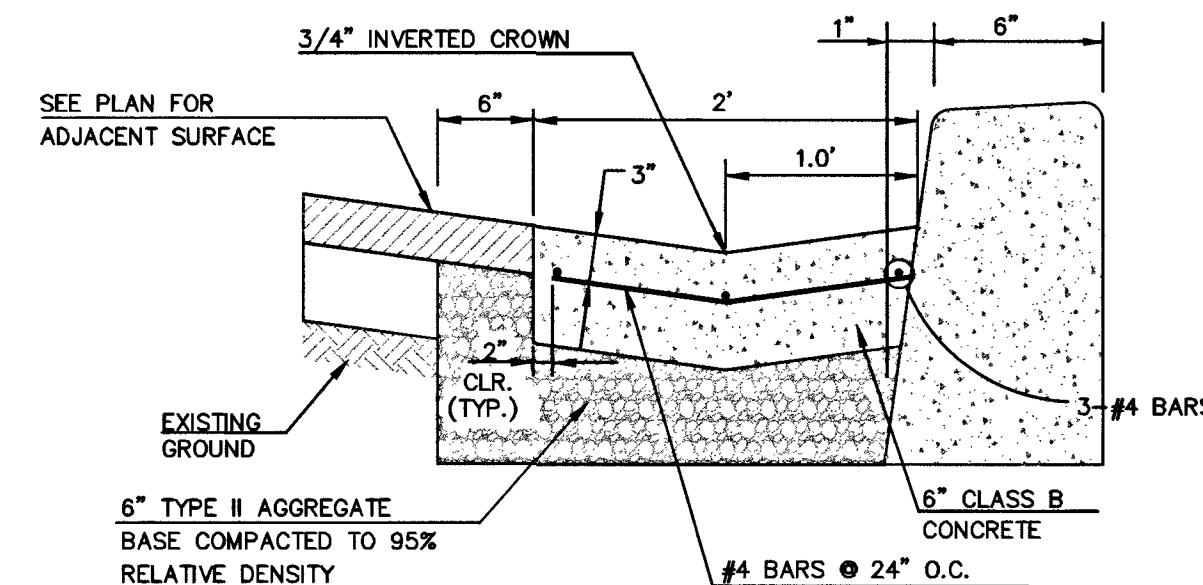
B
C8.01 3' CONCRETE VALLEY GUTTER
NTS



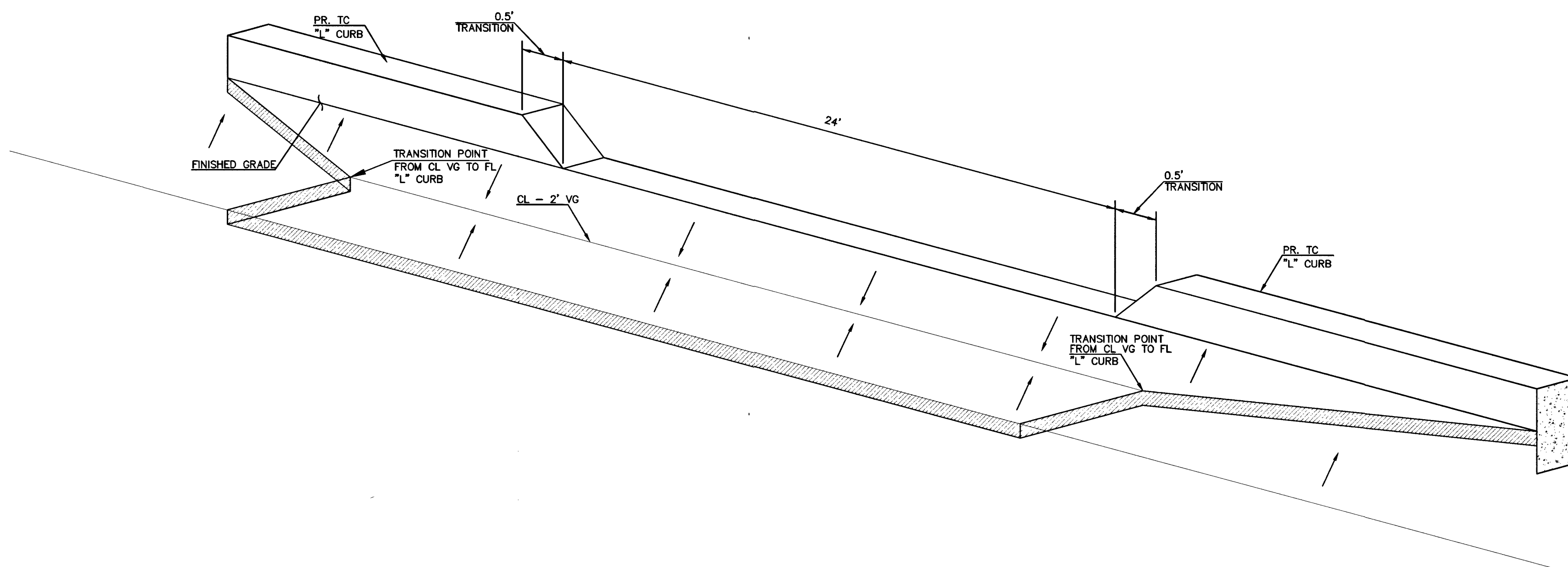
C
C8.01 0" TALL TYPE 'A' CURB (ONSITE)
NTS



D
C8.01 VARIES 1.5' MIN. CURB OPENING
NTS



F
C8.01 2' CONCRETE VALLEY GUTTER
NTS



G
C8.01 24' NDOT ENTRANCE WITH VALLEY GUTTER
NTS

SOUTHERN NEVADA BUILDING OFFICIALS REGIONAL STANDARDS

B-100-1

7-7-14

PG. 1 OF 2

MASONRY FENCES

Clark County
Dept. of Building & Fire Prevention
4701 W Russell Rd
Las Vegas, NV 89118
(702) 466-3000

Boulder City
Building Department
401 California Avenue
Boulder City, NV 89005
(702) 293-9282

Henderson
Bldg & Fire Safety Dept.
240 Water Street
Henderson, NV 89015
(702) 267-3600

Las Vegas
Building & Safety Dept.
333 N. Rancho Drive
Las Vegas, NV 89106
(702) 229-6251

REQUIRED INSPECTIONS: (SPECIAL INSPECTION - NONE REQUIRED)

1. FOUNDATION
2. MASONRY PRELIMINARY
3. FINAL

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE IRC 2012 EDITION AS AMENDED.
2. CONCRETE BLOCK MASONRY SHALL COMPLY WITH THE FOLLOWING:
 - A. CONCRETE BLOCK MASONRY SHALL CONFORM TO ASTM C 90, Fm = 1800 PSI
 - B. MORTAR TYPE M - 2500 PSI OR TYPE S - 1800 PSI
 - C. GROUT CONFORMS TO ASTM C 476, MINIMUM 2000 PSI
3. THE ULTIMATE COMPRESSIVE STRENGTH REQUIRED FOR FOUNDATION CONCRETE SHALL BE OF 4000 PSI TYPE I CONCRETE, AND 6,000 PSI TO EXISTING FOUNDATION.
4. ALL REINFORCING STEEL SHALL BE GRADE 60, ASTM A615, MIN. LAP SPACE = 24"
5. NO WIND CURB OR WINDUPE SHALL BE CONSTRUCTED.
6. FOR RETAINING WALL, PROVIDE 1/2" DIA. OF CLEAN CORROSION RESISTANT WITH 2" DIA. WOOD HOLES THROUGH THE WALL AND LINED WITH PVC PIPE AT 6'-0" O.C. ALONG WALL AND PLACED 3" ABOVE THE LOWEST ALLOWED FINISHED GRADE.
7. SITE PLAN SHALL BE SUBMITTED FOR REVIEW BEFORE THE FENCE CAN BE BUILT.
8. CONTROL JOINT SPACING AT 24 FEET (MAX). VERTICAL REINFORCING SHALL BE LOCATED WITHIN 16 INCHES OF THE JOINT.
9. GROUT ALL CELLS CONTAINING REINFORCEMENT. LOWER STEEL IS SOLD GROUTED.
10. 3 INCHES COVER FOR ALL REBAR IN FOOTING (TYPICAL).
11. WATERPROOF THE INSIDE FACE OF ALL RETAINING WALLS PER 1805.3 OF 2012 IRC.

DESIGN CRITERIA IRC WITH SD, W/ AMENDMENTS

WIND LOAD
WIND SPEED = 105 MPH, EXPOSURE C
 $R_s = 0.85$
 $R_z = 0.85$
 $R_t = 0.85$
 $G = 1.4$
 $S = 0.85$

SEISMIC LOAD

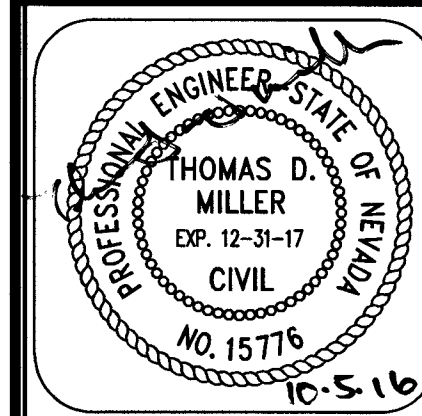
SEISMIC SPECIAL RESPONSE $S_R = 0.518$
SEISMIC COEFFICIENT $R_p = 2.5$ (RACE 7-10, 1-13.5-1)
 $S_s = 0.518$
SEISMIC LOAD DUE TO LATERAL EARTH PRESSURE
= 10.4' PLUS THE POINT OF APPLICATION IS TAKEN
= 0.8' ABOVE THE BASE OF THE WALL, UNLESS IT IS
THE HEIGHT OF THE BACKFILL.

SOIL

SOIL CLASS = B
ALLOWABLE SOIL BEARING PRESSURE = 1000 PSF
LATERAL EQUIVALENT FLUID PRESSURE OF 40 PSF/FT
RESISTIVE PRESSURE = 100 PSF
COEFFICIENT OF FRICTION FOR SLIDING = .35

E
C8.01 SCREEN WALL DETAIL (FOR REFERENCE ONLY)
NTS

COLLINS ENGINEERS
3130 S. DURANGO DR., SUITE 404
LAS VEGAS, NV 89117
PHONE: (702) 248-8000
FAX: (702) 248-8070
WWW.COLLINSENGR.COM



IMPROVEMENT PLANS FOR DC PLAZA
APN:125-17-601-007,010,013,020 AND 021

DETAIL SHEET
8451 FARM ROAD
LAS VEGAS, NEVADA

DESCRIPTION		DESIGN BY	DATE	NO.
CEI PROJECT:				4136
DESIGN BY:		JDM SR		
DRAWN BY:		JDM SR		
CHECKED BY:		TDM P.E.		
DATE: 09/19/16				
SCALE: 1"=30'				
SHEET NUMBER C8.01				
SHEET 39 OF 46				
107V6734 H#64486				