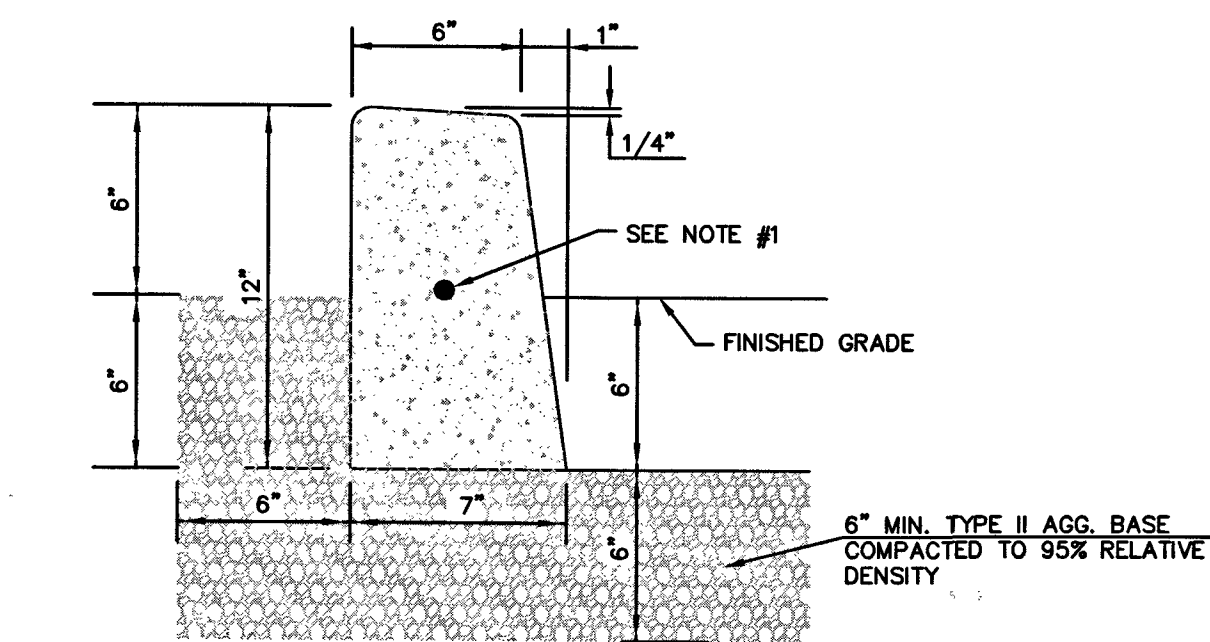
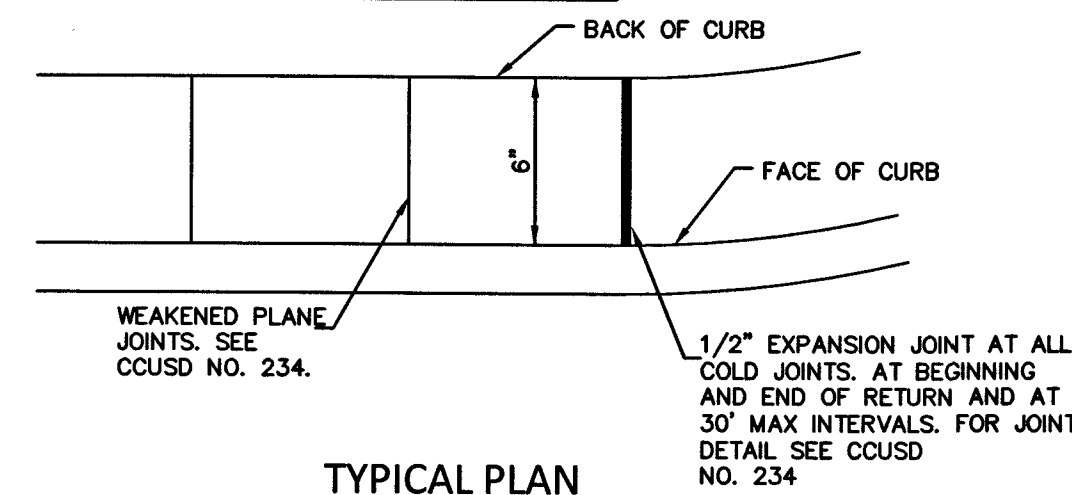




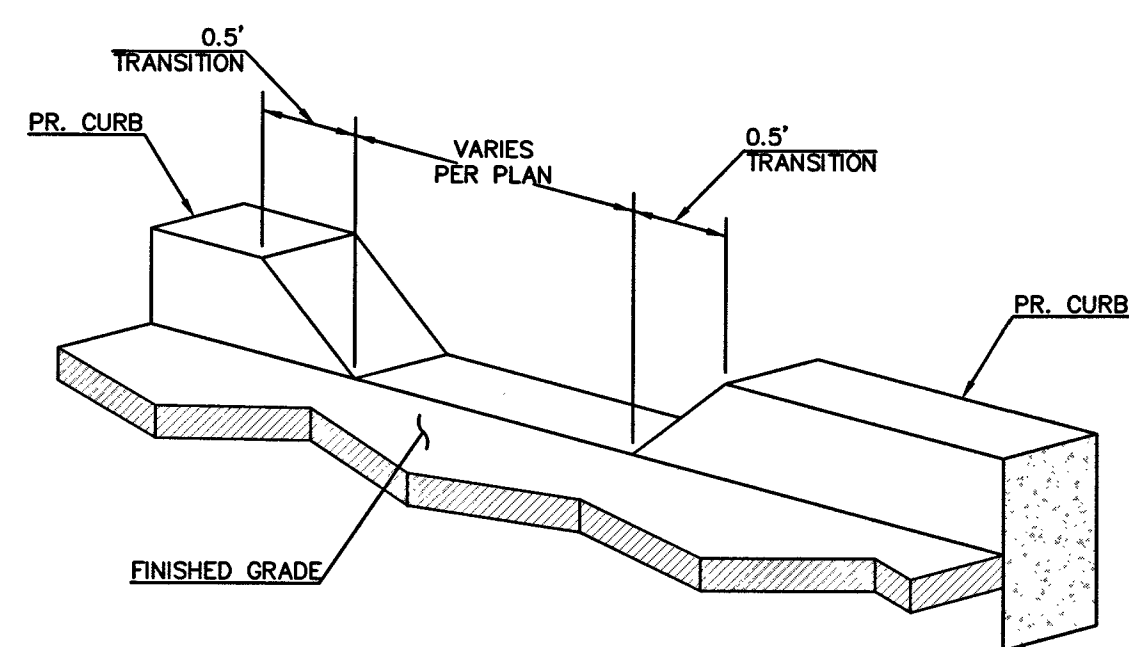
'A' CURB SECTION



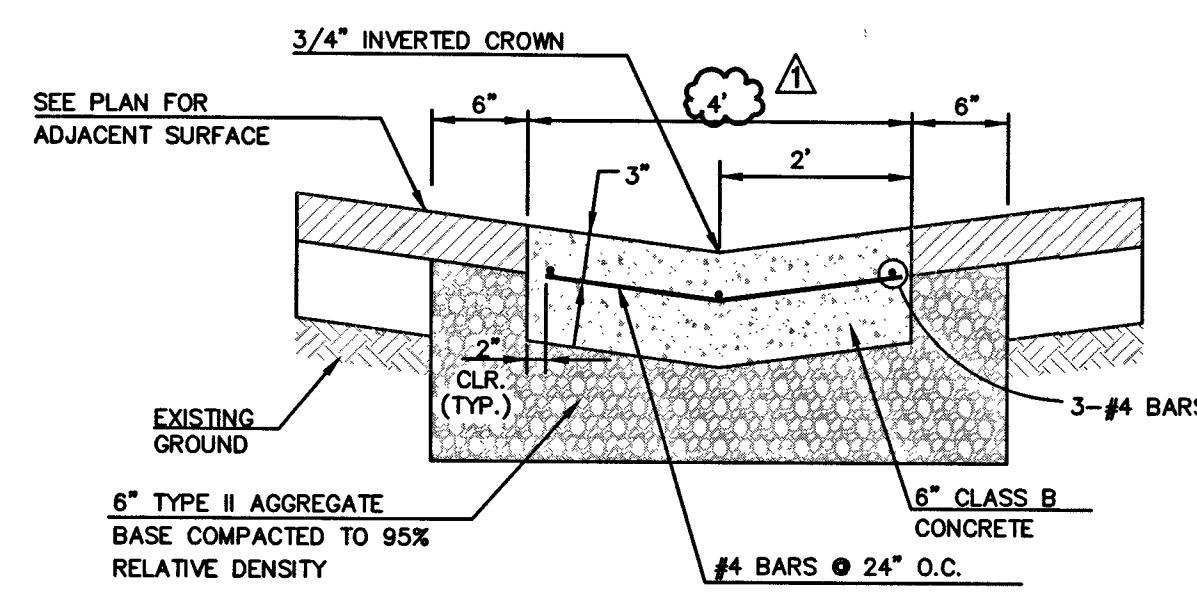
TYPICAL PLAN

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

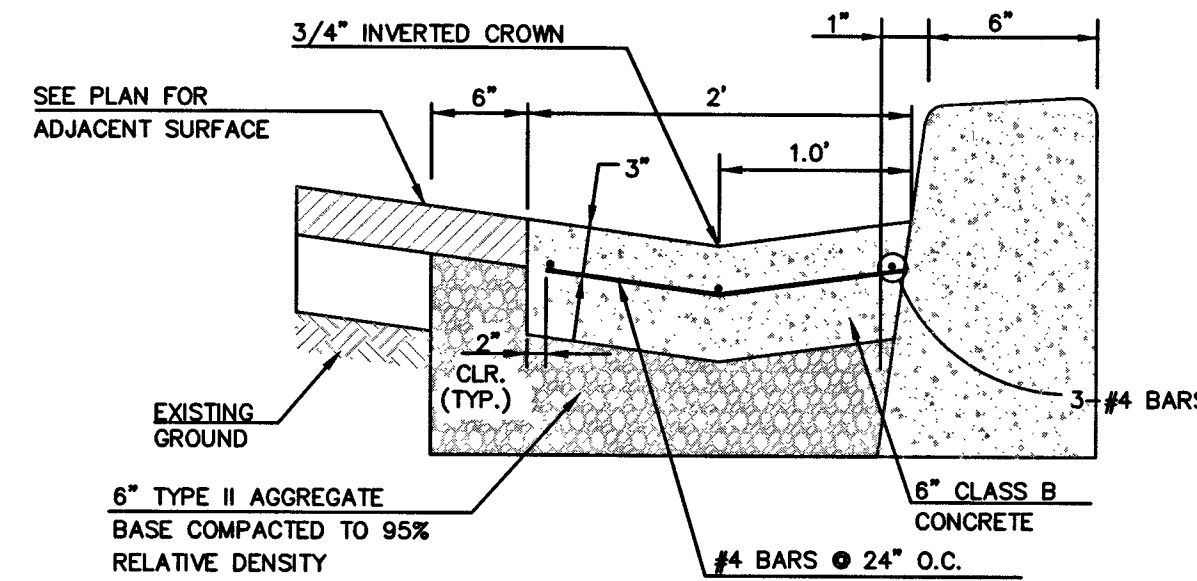
A
C8.01 TYPE 'A' CURB (ONSITE) NTS



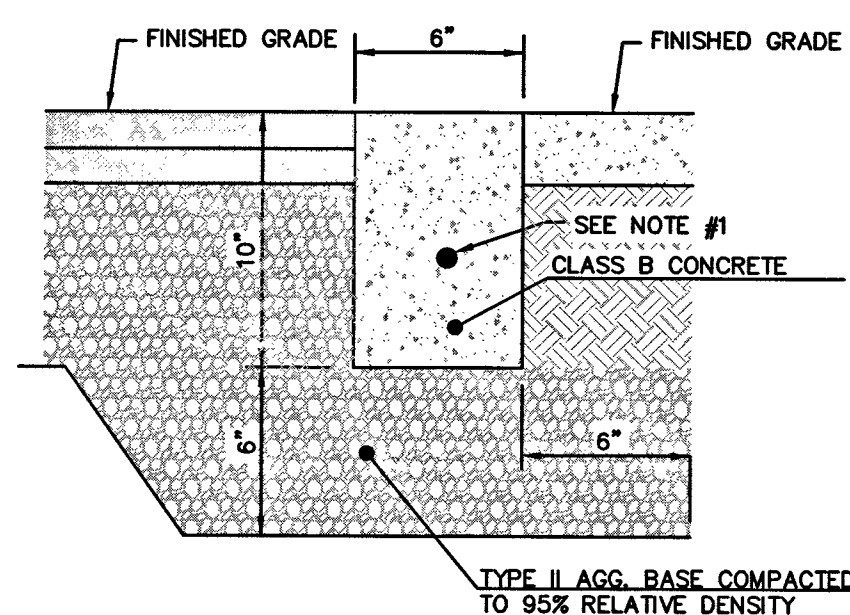
D
C8.01 VARIES 1.5' MIN. CURB OPENING NTS



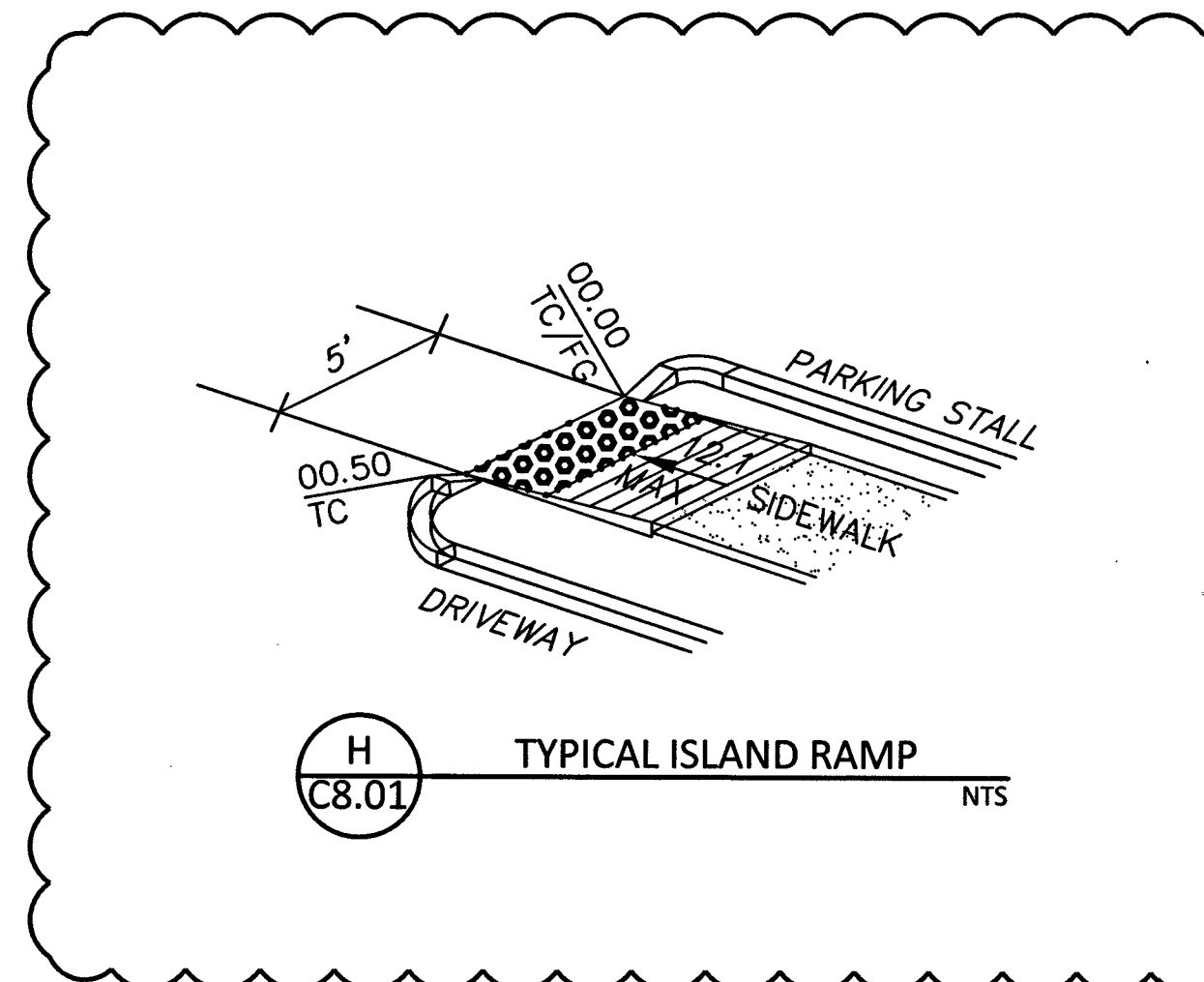
B
C8.01 4' CONCRETE VALLEY GUTTER NTS



F
C8.01 2' CONCRETE VALLEY GUTTER NTS



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



H
C8.01 TYPICAL ISLAND RAMP 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) 455-3000	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) 267-3650	Las Vegas Building & Safety Dept. 333 N. Rancho Drive Las Vegas, NV 89108 (702) 229-6251
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REQUIRED INSPECTIONS: (SPECIAL INSPECTION - NONE REQUIRED)

- FOUNDATION
- MASONRY PRECUT
- FINAL

GENERAL NOTES:

- ALL WORK SHALL CONFORM TO THE IBC 2012 EDITION AS AMENDED
- CONCRETE BLOCK MASONRY SHALL COMPLY WITH THE FOLLOWING:
 - CONCRETE MASONRY SHALL CONFORM TO ASTM C 90, Fm = 1500 PSI
 - MORTAR TYPE M = 2500 PSI OR TYPE S = 1800 PSI
 - GROUT CONFORMS TO ASTM C 476, MINIMUM 2000 PSI
- THE ULTIMATE COMPRESSIVE STRENGTH REQUIRED FOR FOUNDATION CONCRETE SHALL BE OF 4500 PSI, TYPE V CONCRETE, AND 0.40 WATER TO CEMENT RATIO.
- ALL REINFORCING STEEL SHALL BE GRADE 60, ASTM A615, MIN. LAP SPICE = 24"
- NO WATER COURSE OR NATURAL DRAINAGE SHALL BE OBSTRUCTED.
- FOR RETAINING WALL, PROVIDE 107/FT OF CLEAN COARSE GRAVEL WITH 2" DIAMETER WEEP HOLES THROUGH THE WALL AND LINED WITH PVC PIPE AT 8'-0" O.C. ALONG WALL AND PLACED 3" ABOVE THE LOWEST ADJACENT FINISHED GRADE.
- SITE PLAN SHALL BE SUBMITTED FOR REVIEW BEFORE THE PERMIT CAN BE ISSUED.
- CONTROL JOINT SPACING AT 24 FEET MAX. VERTICAL REBARS SHALL BE LOCATED WITHIN 18 INCHES OF THE END.
- GROUT ALL CELLS CONTAINING REINFORCEMENT, LOWER STEM IS SOLID GROUTED.
- 3 INCHES COVER FOR ALL REBAR IN FOOTING (TYPICAL).
- WATERPROOF THE INSIDE FACE OF ALL RETAINING WALLS PER 1805.3 OF 2012 IBC.

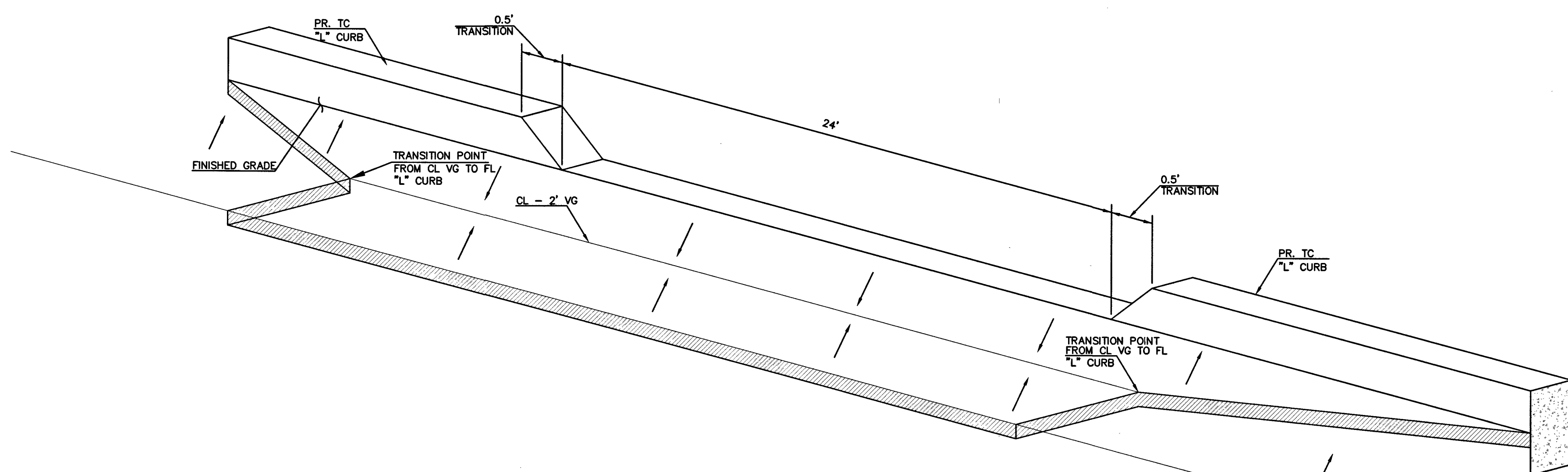
DESIGN CRITERIA
IBC WITH S.D. NV AMENDMENTS
WIND LOAD
BASIC WIND SPEED = 105 MPH, EXPOSURE C
Kz = 0.85
Kzt = 1.0
Kd = 0.65
Cd = 0.85
SEISMIC LOAD
DESIGN SPECTRAL RESPONSE Sa = 0.519g
SEISMIC COEFFICIENTS Ap = 2.5 (ASCE 7-10, 1-13.5-1)
IS = 0.149g
SEISMIC LOAD DUE TO LATERAL EARTH PRESSURE = 10.11 (LBS) THE POINT OF APPLICATION IS TAKEN AT 0.6H ABOVE THE BASE OF THE WALL, WHERE H IS THE HEIGHT OF THE BACKFILL.
SOIL PARAMETER
SITE CLASS = D
ALLOWABLE SOIL BEARING PRESSURE = 1000 PSF
LATERAL EARTHLOAD FLUID PRESSURE OF 45 PSF/FT
PASSIVE PRESSURE = 100 PSF
COEFFICIENT OF FRICTION FOR SLIDING = .25

WALL SCHEDULE FOR WALL AT EDGE OF FOOTING			
WALL HEIGHT (FT)	4'-0"	6'-0"	8'-0"
CMU THICKNESS (IN)	6"	8"	8"
(V) REBAR #4 @	48" O.C. 24" O.C. 48" O.C.	48" O.C. 24" O.C. 48" O.C.	48" O.C. 16" O.C.
FTG REBAR	1-#4	2-#4	3-#4
FTG (W)	1'-0"	2'-0"	3'-0"

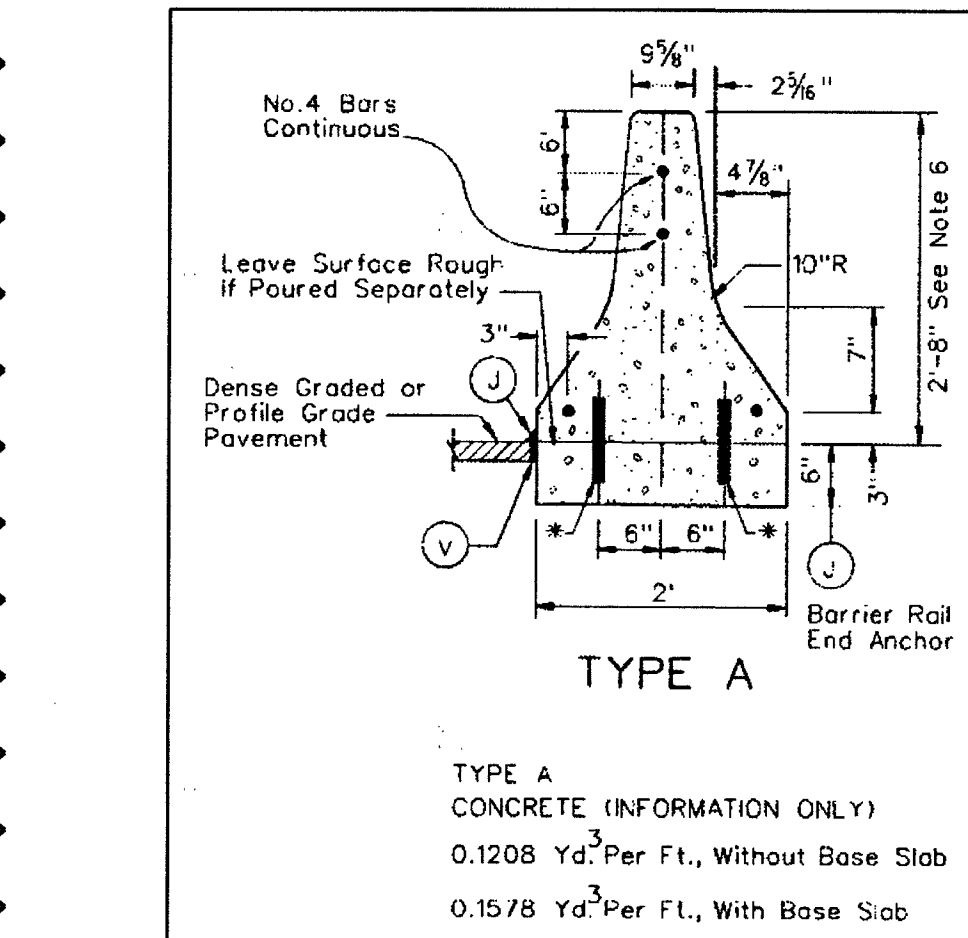
WALL SCHEDULE FOR WALL AT CENTER OF FOOTING			
WALL HEIGHT (FT)	4'-0"	6'-0"	8'-0"
CMU THICKNESS (IN)	6"	8"	8"
(V) REBAR #4 @	48" O.C. 24" O.C. 48" O.C.	48" O.C. 24" O.C. 48" O.C.	48" O.C. 16" O.C.
FTG REBAR	1-#4	2-#4	3-#4
FTG (W)	1'-0"	2'-0"	3'-0"

North Las Vegas Building Department 2250 Las Vegas Blvd. N N. Las Vegas, NV 89008 (702) 633-1577	Pahrump Building & Fire Safety Dept. 250 N Hwy 160 Suite #3 Pahrump, NV 89060 (775) 751-3373	Clark County School District Building Department 4190 McLeod Drive, 1st Floor Las Vegas, NV 89121 (702) 799-7805
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E
C8.01 SCREEN WALL DETAIL (FOR REFERENCE ONLY) NTS

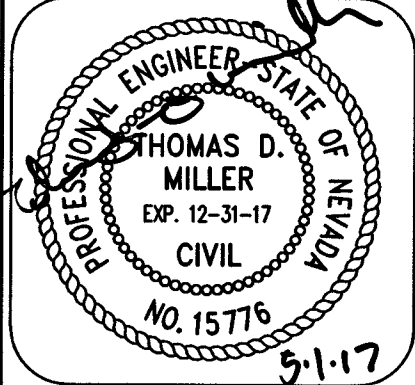


G
C8.01 24' NDOT ENTRANCE WITH VALLEY GUTTER NTS



J
C8.01 NDOT CONCRETE BARRIER RAIL R-8.6.1 NTS

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



IMPROVEMENT PLANS FOR DC PLAZA

APN: 125-17-613-001

DETAIL SHEET
8451 FARM ROAD
LAS VEGAS, NEVADA

NO.	DATE	DESIGN BY	DESCRIPTION
1	03-01-17	APP: Jm	ADDED DETAIL "H" & "J"
2	03-13-17	APP: Jm	ADDED DETAIL "H" & "J"
CEI PROJECT:			4136
DESIGN BY:			JDM SR
DRAWN BY:			JDM SR
CHECKED BY:			TDN P.E.
DATE:			03/13/17
SCALE:			AS SHOWN
SHEET NUMBER			C8.01
SHEET 32 OF 45			H # 64486