AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

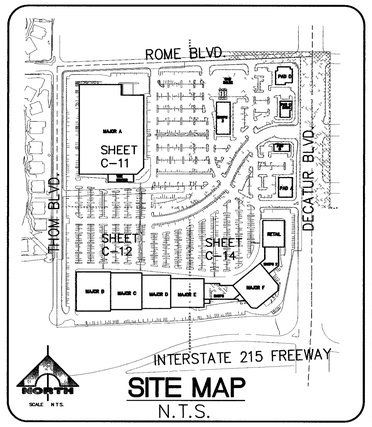
Avoid cutting underground utility lines. It's costly.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

Call before you UnderGround
1-702-455-7511
1-702-229-6611

NORTH
SCALE 1"=40'
40 0 40 80
SCALE FEET

CONSTRUCTION NOTES

1. CONSTRUCT COMMERCIAL DRIVEWAY AND 8' WIDE CROSS GUTTER PER USDCCA DWG. NO. 222A, 225, AND 228.
2. CONSTRUCT "L" TYPE CURB PER USDCCA DWG. NO. 216.
3. CONSTRUCT MODIFIED "A" TYPE CURB PER DETAIL 2, SHEET 29.
4. CONSTRUCT 4" THICK CONCRETE SIDEWALK PER USDCCA DWG. NO. 234, SEE ARCHITECTURAL PLANS FOR EXACT LOCATION, COLOR AND FINISH.
5. INSTALL 3' WIDE CONCRETE VALLEY GUTTER. SEE DETAIL 4 SHEET 29.
6. INSTALL CURB OPENING. SEE DETAIL SHEET 30. (2)
7. INSTALL BOLLARDS PER USDCCA DWG. NO. 421A
8. CONSTRUCT VARIABLE HEIGHT RETAINING WALL PER ARCHITECTURAL PLANS.
9. CONSTRUCT SIDEWALK RAMP CASE I PER USDCCA DWG NO. 235. SEE C-30 FOR DETAIL.
10. FLUSH CURB PER ARCHITECTURAL PLANS.
11. INSTALL CONCRETE WHEEL BUMPER, SEE DETAIL SHEET C-30.
12. REMOVE EXISTING FENCE AND SALVAGE EXISTING 72" CHAIN LINK FENCE. SEE PLAN FOR LENGTH.
13. INSTALL 24' WIDE GATE.
14. INSTALL DEPRESSED CURBING.
15. TRANSITION TO DEPRESSED CURB HEIGHT (0')
16. CONSTRUCT PAVEMENT PER SHEET C-32
17. CONSTRUCT 2' WIDE CONCRETE CHANNEL PER DETAIL SHEET C-12 (2)
18. CONSTRUCT SIDEWALK PER ARCHITECTURAL PLANS (COSTCO) (1)



SITE MAP
N.T.S.

PROFESSIONAL ENGINEER - STATE OF NEVADA
BRADFORD G. ROCKWELL
Exp. 12/31/2007
CIVIL
No. 14253
DATE: 10/02/06
FOR REVISION 2 & 3 ONLY

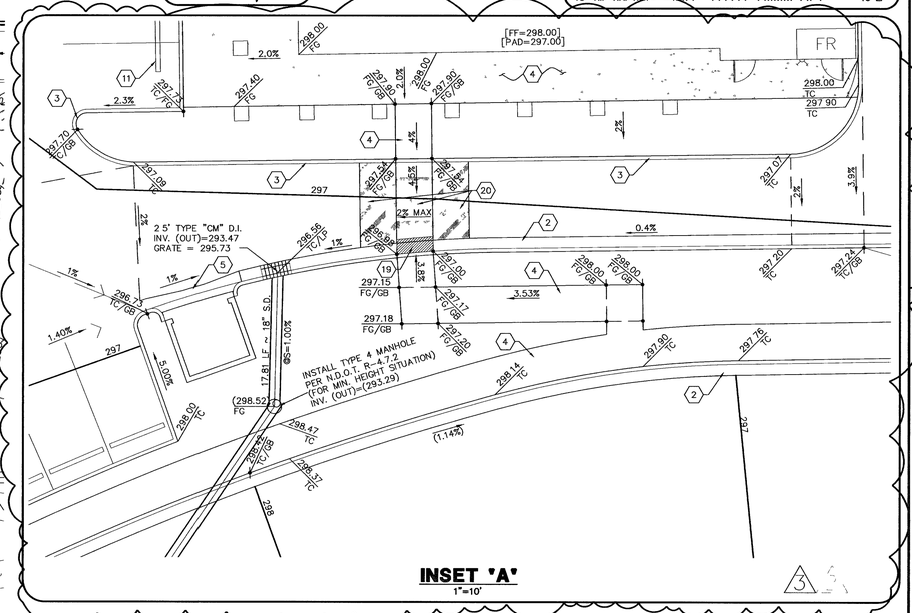
NOTE

1. ON-SITE STORM DRAIN IS PRIVATELY OWNED AND MAINTAINED.

(19) INSTALL SIDEWALK UNDERDRAIN (9/C-29)
(20) INSTALL ELEVATED PEDESTRIAN CROSSING. (8/C-29)

QUANTITIES (PUBLIC)

CURB & GUTTER (TYPE "L")	2,500 LF
CROSS GUTTER (8' WIDE)	2,200 SF
CONCRETE SIDEWALK	12,530 SF
HANDICAP RAMP	7 EA
TYPE I GRAVEL BASE	1,717 CY
TYPE II GRAVEL BASE	1,531 CY
3" ASPHALTIC CONCRETE PAVING	10,302 SY
10"X6" RCB	170 LS
EXCAVATION & EMBANKMENT (SWALE)	1,383 CY
4' TYPE "CM" DROP INLET	2 EA
CONCRETE LINING AT BOX INLET	3,350 SF
18" RCP	1,200 LF
48" STORM DRAIN MANHOLE	3 EA
NDOT RCB HEADWALL	2 EA
18" RIP RAP	40 LF



INSET "A"
1"=10'

BASIS OF BEARINGS

SOUTH 00°46'17" EAST, BEING THE BEARING OF THE CENTERLINE OF DECATUR BOULEVARD BETWEEN CENTENNIAL PARKWAY AND DEER SPRINGS WAY AS SHOWN BY MAP THEREOF ON FILE IN FILE 52, PAGE 70 OF SURVEYS IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK OLV90 25N6
RIVET AND ROUND PLATE IN TOP OF CURB, SOUTHWEST CORNER OF BRADLEY ROAD AND AZURE AVE. NEAR THE POINT OF BRADLEY ROAD.

ELEVATION 700.832 METERS 2299.313 FEET

DRAINAGE CERTIFICATION

I CERTIFY THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS FOR THIS PROJECT, DS 3677.

DEBRA M. YAMACHIKA — P.E. NO. 15998 — DATE 10-2-06

PROFESSIONAL ENGINEER - STATE OF NEVADA
DEBRA M. YAMACHIKA
Exp. 6/30/2006
CIVIL
No. 15998
DATE 10-2-06

REV	DATE	DESCRIPTION	DATE	AGEN	APP	DATE	GCW	APP
1	8/17/06	GRADING/STORM DRAIN REVISIONS TO COSTCO						
2	1/09/06 & 3/28/06	GRADING REVISED TO MATCH NEW SITE PLAN						
3	3/28/06	GRADING REVISED TO MATCH NEW SITE PLAN AT PAD C						
4	9/18/06	GRADING REVISED AT PAD B	KS	10/7/6				

DESIGN:
DRAWN:
CHECK:
ISSUE DATE:
ISSUE EDITOR:
PLOT DATE 10-02-06
PLOT TIME 14:05:26

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299

SHADOW MOUNTAIN MARKETPLACE, L.L.C.

SHADOW MOUNTAIN MARKETPLACE
GRADING PLAN 3

DRAWING
C-13
13 OF 32 SHTS