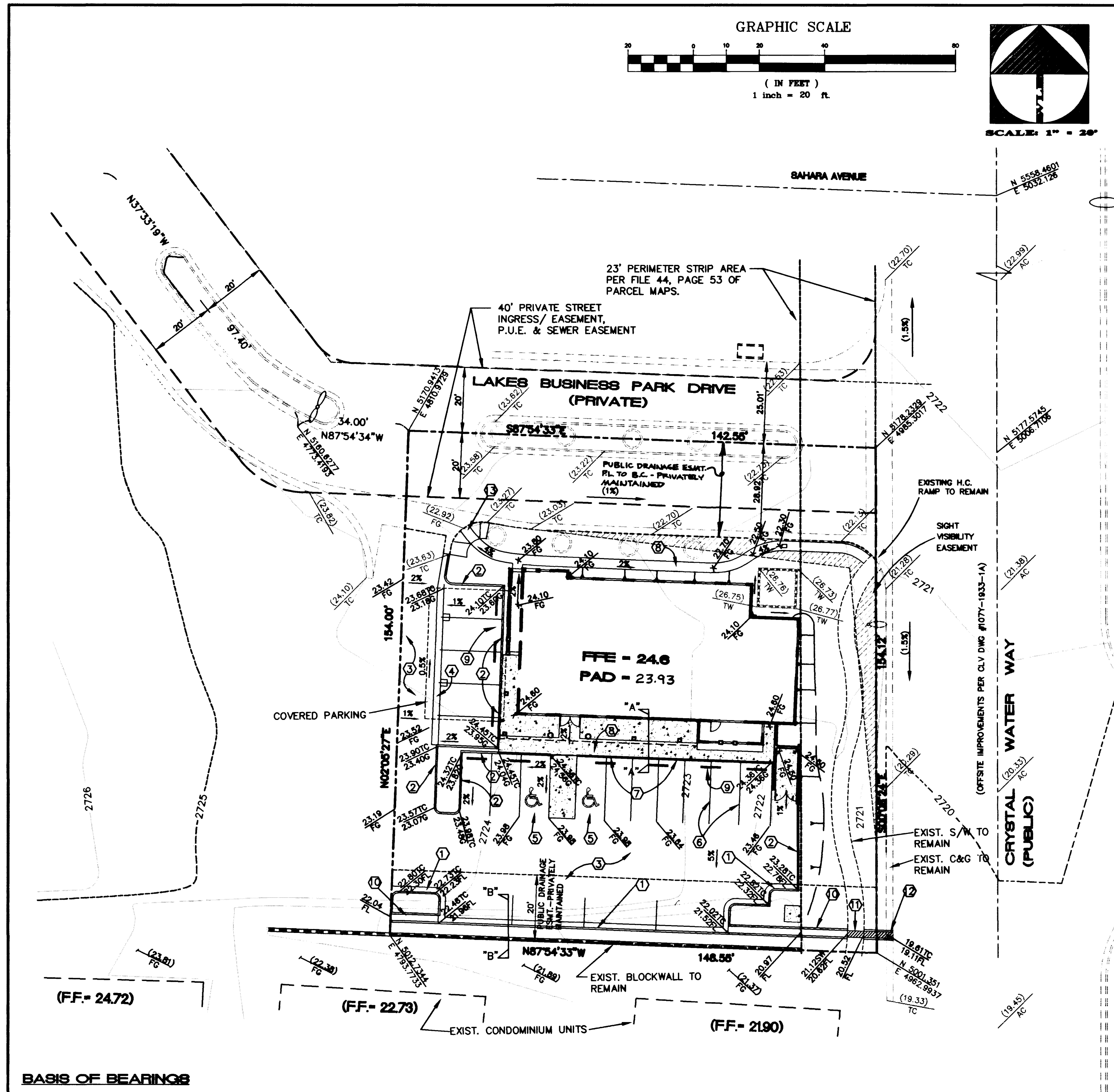


**BASIS OF BEARINGS**

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NORTHERLY LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 8, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M. WHICH BEARS NORTH 87°54'33" WEST AS SHOWN BY A MAP ON FILE IN THE OFFICE OF THE CLARK COUNTY, NEVADA, RECORDER IN FILE 49, PAGE 85 OF PARCEL MAPS.

BENCHMARK

RIVET & PLATE IN TOP OF CURB, NORTH SIDE OF SAHARA AVE. AND CRYSTAL WATER WAY.
CITY OF LAS VEGAS BENCHMARK - STA. 1LV10-554
ELEVATION 830.1947 METERS = 2723.7304 NAVD 1988

NOTES

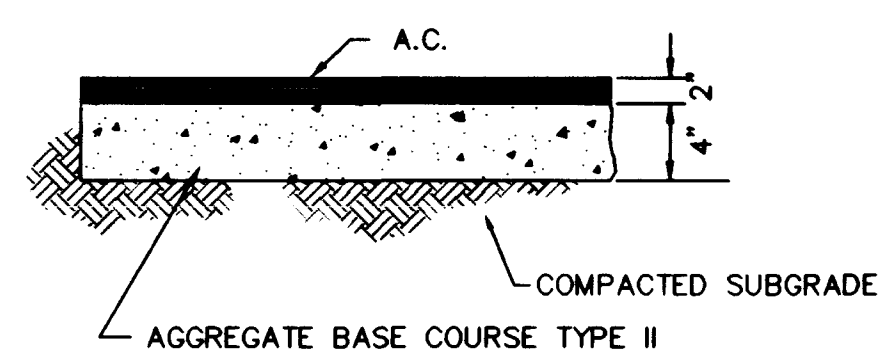
1. THE WLB GROUP SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES IN THE PLANS OR CONDITIONS IN THE FIELD.
2. ALL WORK TO BE PERFORMED OUTSIDE THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY, SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFF-SITE OWNER.
3. ALL WORK PERFORMED WITHIN THE PUBLIC RIGHT-OF-WAY AND OUTSIDE THE PROJECT BOUNDARY SHALL BE PERFORMED UNDER A SEPARATE ENCROACHMENT PERMIT ISSUED BY THE CONTROLLING AUTHORITY.
4. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS AND SHALL CONTACT THE WLB GROUP IF ANY DISCREPANCIES ARE FOUND.

CONSTRUCTION NOTES

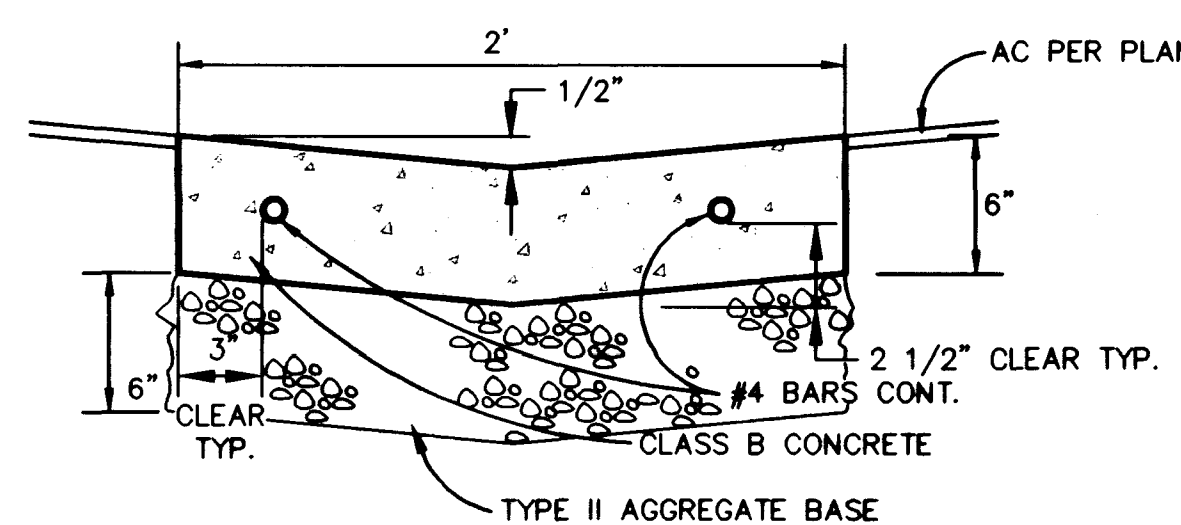
ITEM DESCRIPTION	APPROX. QTY.
1. 'L' TYPE CURB AND GUTTER PER STD. DWG. NO. 216	145 L.F.
2. 'A' TYPE CURB PER STD. DWG. NO. 219	178 L.F.
3. 2" A.C. PAVEMENT OVER 4" TYPE II, PER SECTION 'A', THIS SHEET	831 S.Y.
4. 2' CONCRETE VALLEY GUTTER PER DETAIL 'B', THIS SHEET	50 L.F.
5. HANDICAP PARKING STRIPING PER DETAIL 'C', THIS SHEET	
6. STANDARD PARKING STALL STRIPING, PER DETAIL 'D', THIS SHEET	
7. MONOLITHIC CURB AND SIDEWALK PER DETAIL 'E', THIS SHEET	84 L.F.
8. CONCRETE SIDEWALK PER STD. DWG. NO. 234	1520 S.F.
9. PARKING BUMPER BLOCKS	9 EA.
10. 2' WIDE CONCRETE SWALE PER DETAIL 'F', THIS SHEET	9 EA.
11. SIDEWALK UNDERDRAIN PER CLV STD. DWG. #236	1 EA.
12. INSTALL COVERED DRAIN FROM SIDEWALK TO CURB PER DETAIL 'G'	9 L.F.
13. CONSTRUCT H.C. RAMP PER CLV STD. DWG. #235, A=8, B=8	1 EA.

GRADING LEGEND

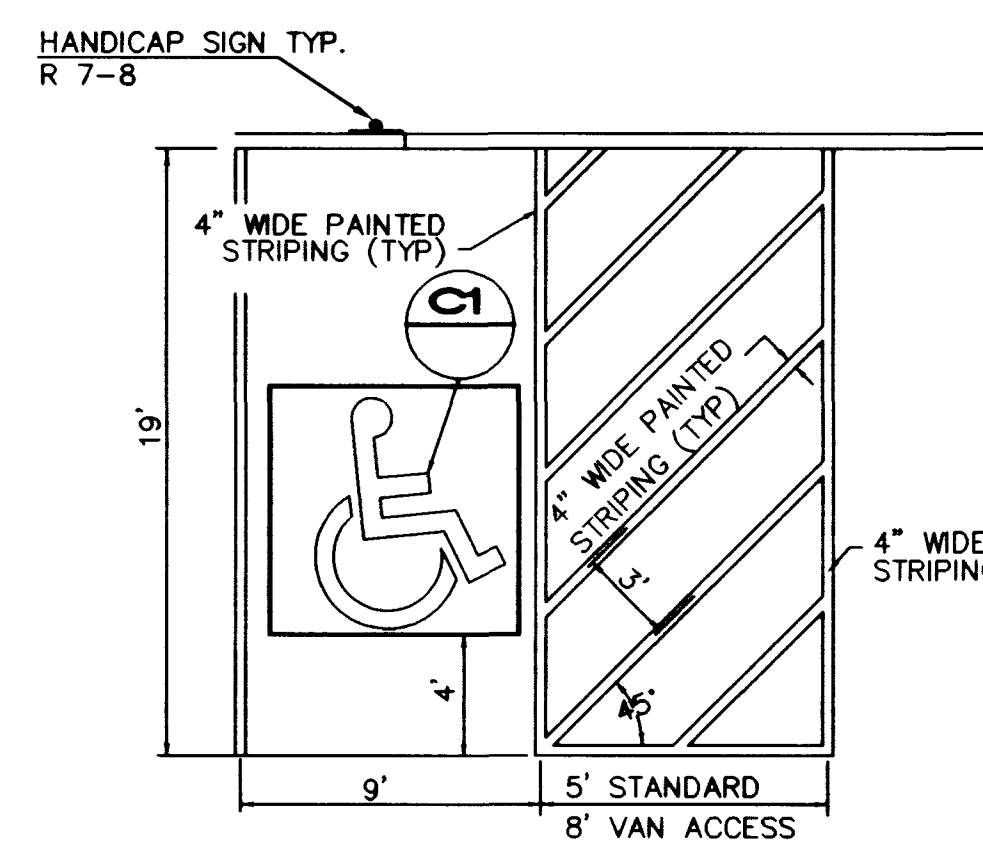
- EXISTING 5' CONTOURS
- EXISTING 1' CONTOURS
- PROPOSED CONTOURS
- FINISH GRADE ELEVATION
- EXISTING GRADE ELEVATION
- PAVEMENT SLOPE
- DRAINAGE FLOW
- PAD=40.8 PAD ELEVATION
- FF=41.5 FINISH FLOOR ELEVATION
- GRADE BREAK



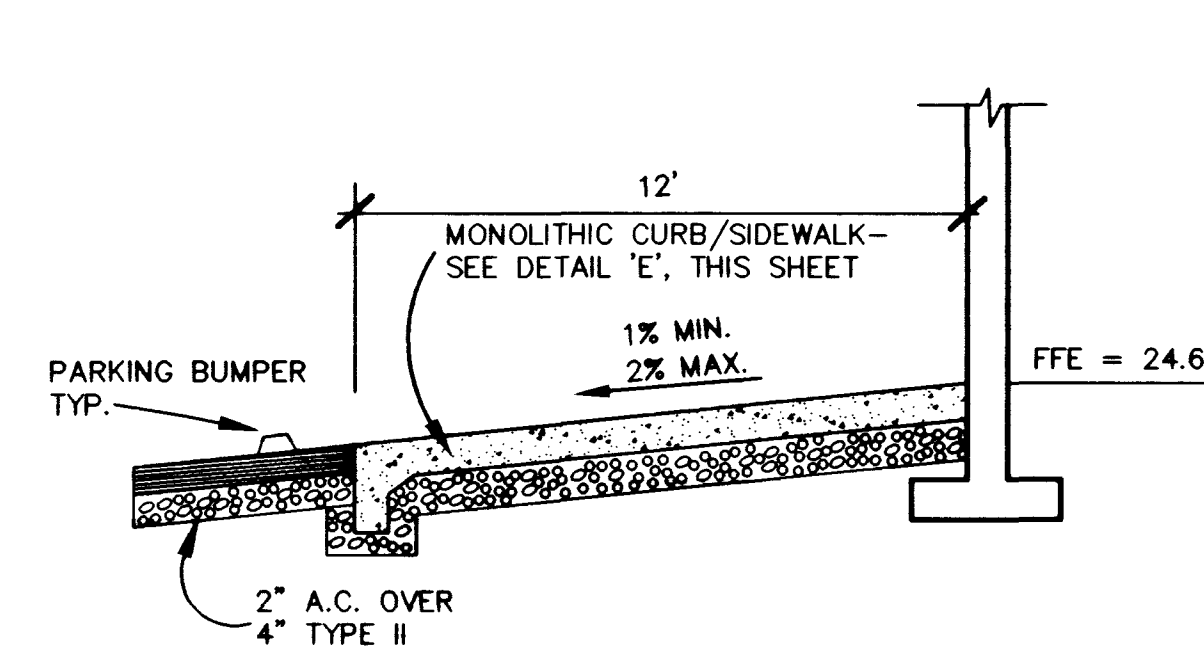
A PAVEMENT SECTION DETAIL
N.T.S. PER GEOTECHNICAL REPORT PREPARED BY CONVERSE CONSULTANTS SOUTHWEST, INC., JOB. NO. 97-33295-01 DATED MAY 22, 1997



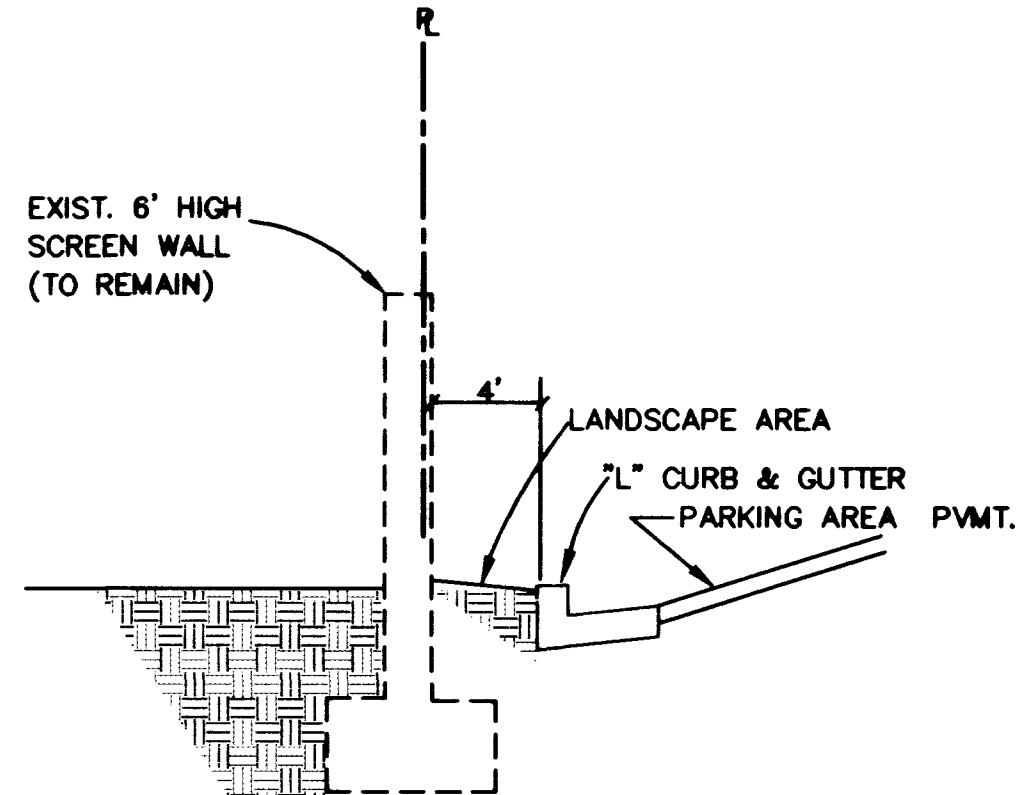
B CONCRETE VALLEY GUTTER
N.T.S.



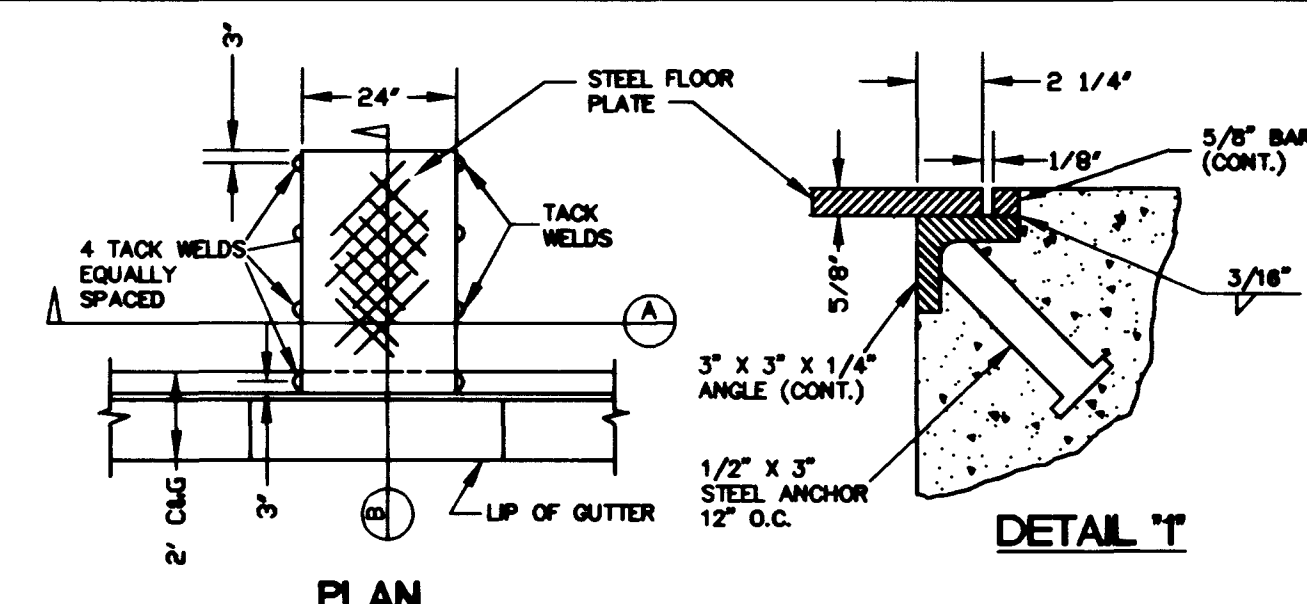
C HANDICAP SPACE STRIPING
N.T.S.



SECTION A-A
N.T.S.

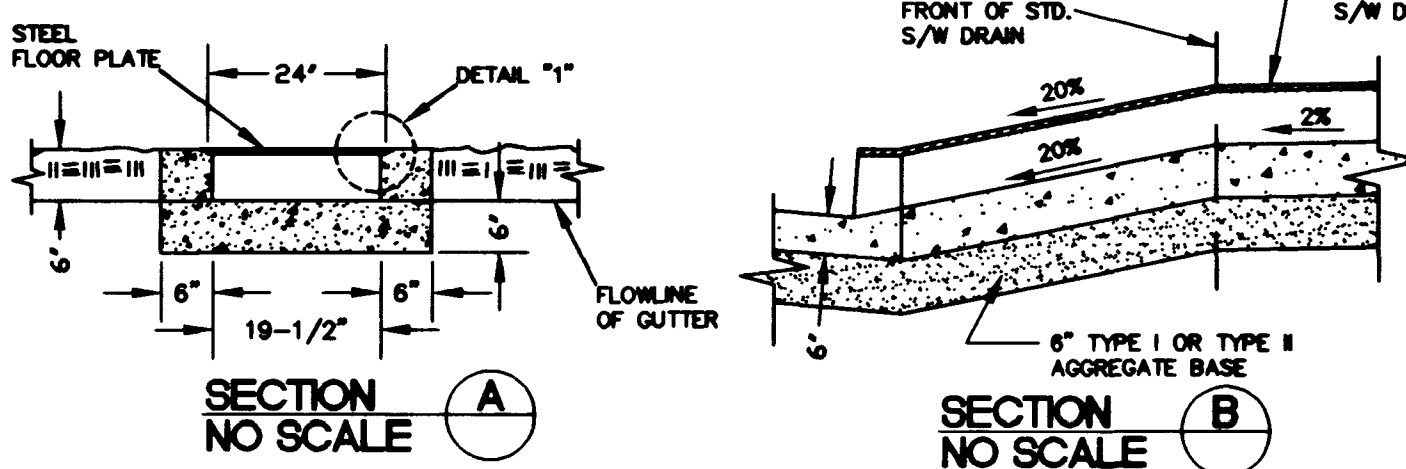


SECTION B-B
N.T.S.



PLAN

DETAIL 'T'

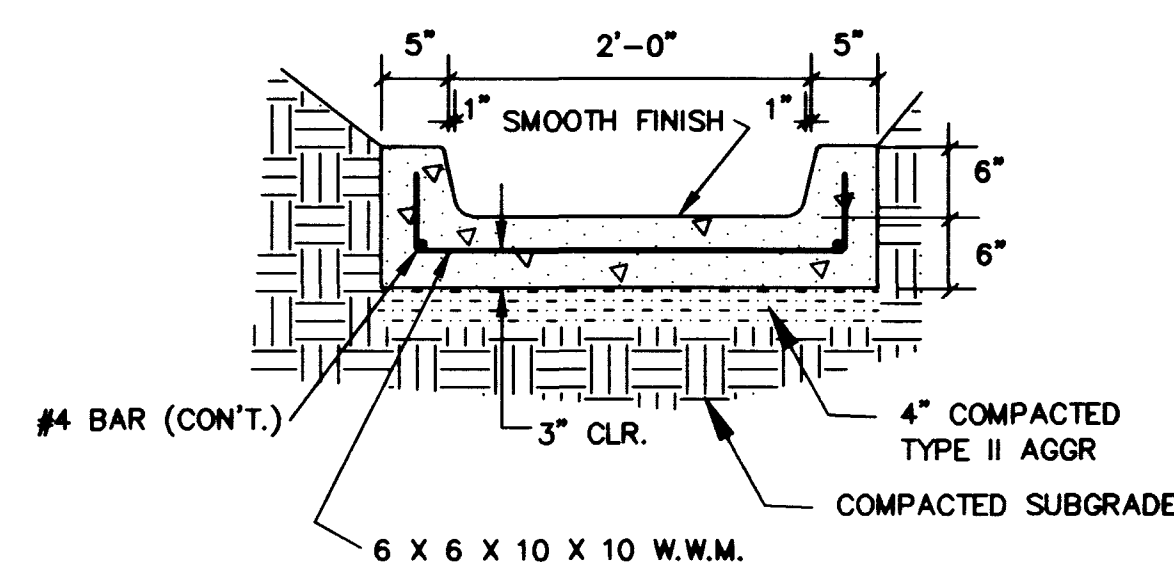


SECTION A
NO SCALE

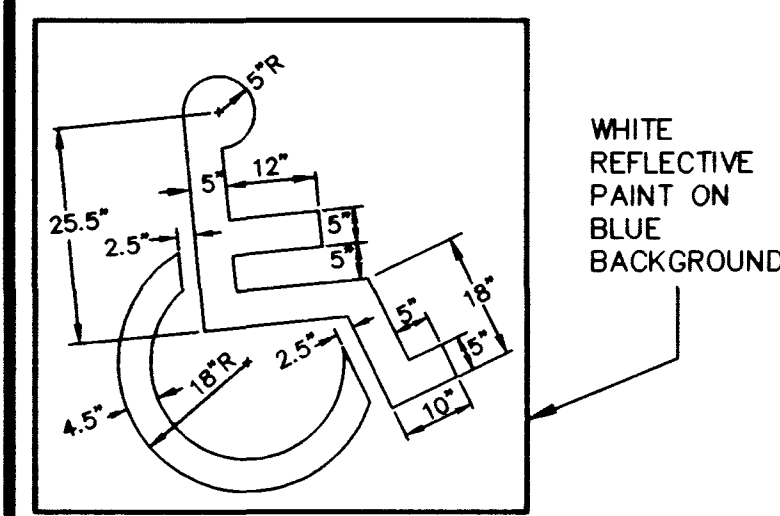
SECTION B
NO SCALE

NOTE: ALL EXPOSED METAL PARTS SHALL BE GALVANIZED AND ALL GALVANIZING DAMAGED BY FABRICATION OR INSTALLATION SHALL RECEIVE TWO COATS OF ALUMINUM PAINT (GALVONOX OR EQUAL)

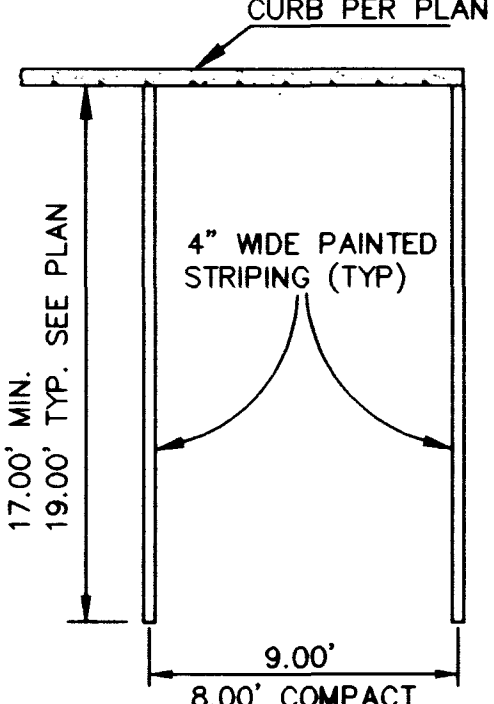
Q DETAIL
N.T.S.



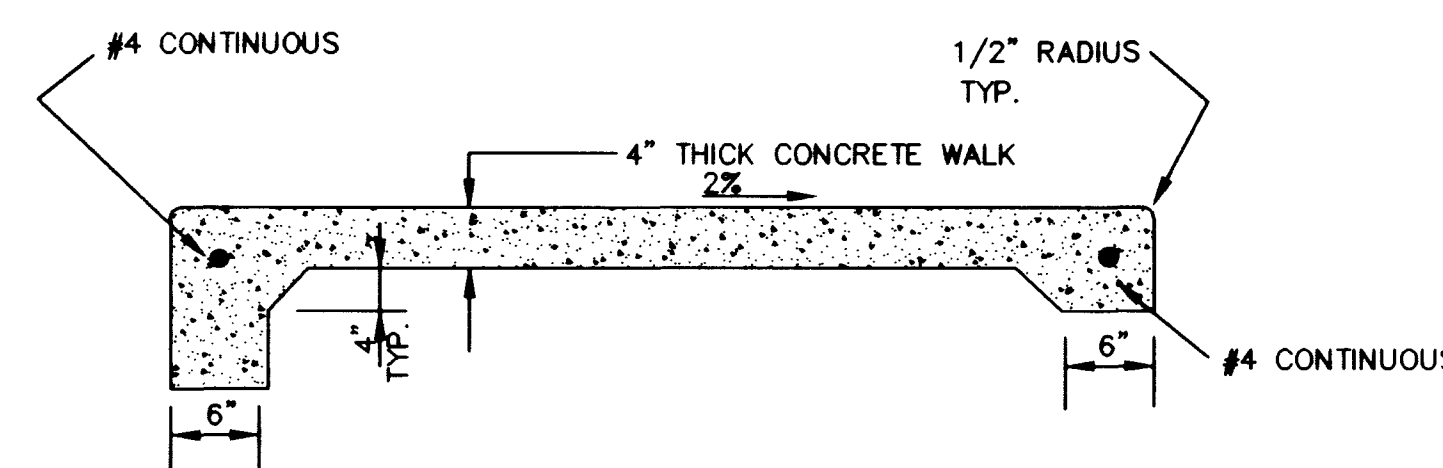
F U-CHANNEL DETAIL
N.T.S.



G HANDICAP SYMBOL DETAIL
N.T.S.



D PARKING SPACE STRIPING
N.T.S.



E MONOLITHIC CURB DETAIL
N.T.S.

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

Handwritten signature: B. Anderson
DATE: 5/12/98

REVISION
REV DATE BY

DR. TIM KUJAWA
2548 S. RAINBOW BLVD.
LAS VEGAS NV 89102
(702) 261-1444

SHEET TITLE:
GRADING PLAN

PROJECT:
KUJAWA DENTAL OFFICE

Drawn by:
OF: 03/16/98

Designed by:
KSA

Checked by:
KSA

Project No.:
456034001

Scale: 1" = 20' (H)
N/A

6 OF 6 SHEETS
DRAWING NO.
107-V2909

