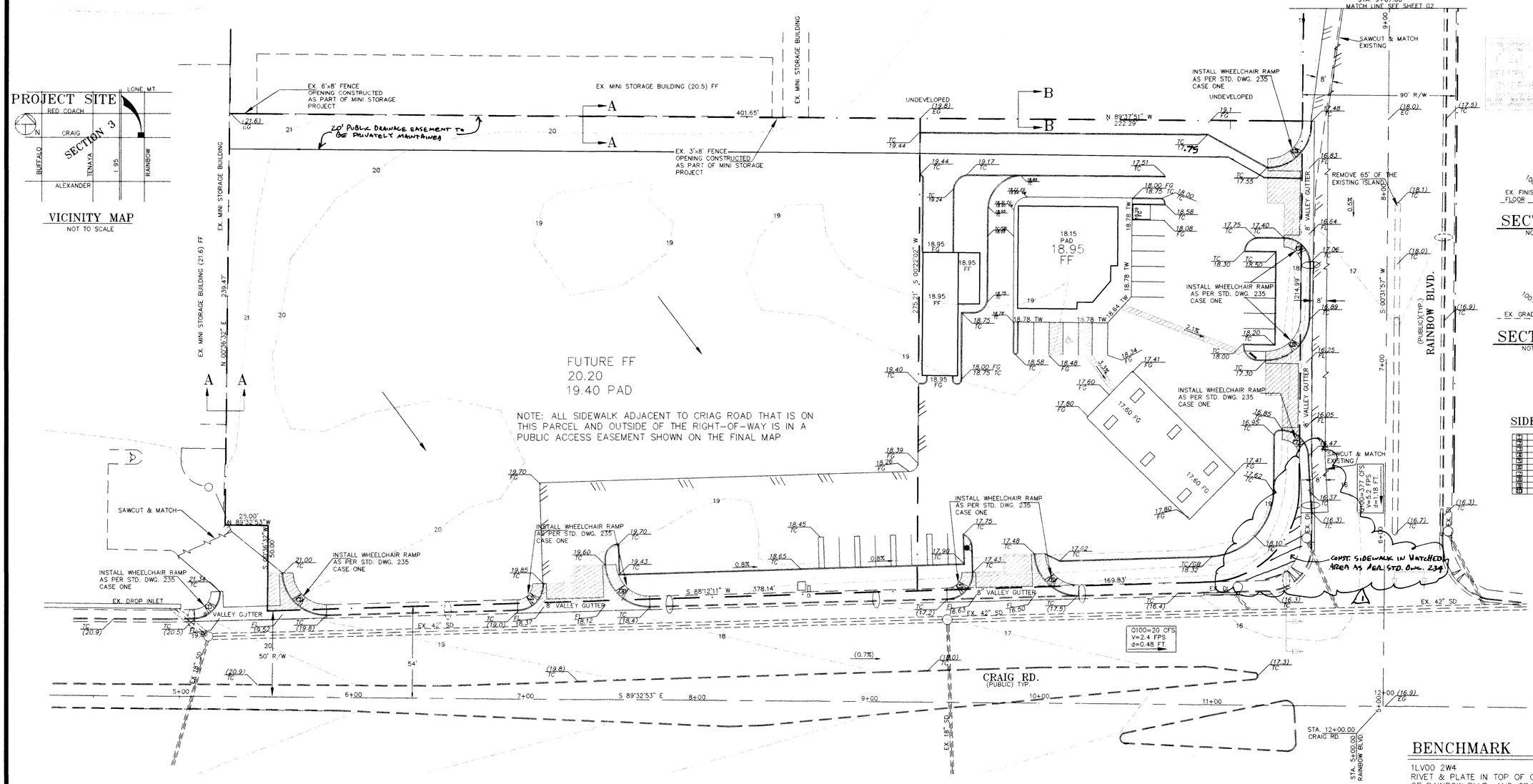
NEVADA DEPARTMENT OF TRANSPORTATION (NDOT) PERMIT REQUIRED

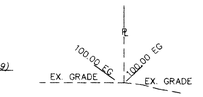
AN APPROVED NDOT OCCUPANCY PERMIT SHALL BE OBTAINED THROUGH THE AGENCY PRIOR TO ANY CONSTRUCTION WITHIN THE NDOT RIGHT-OF-WAY. THE DEVELOPER ASSUMES ALL LIABILITY FOR WORK CONDUCTED UNDER THE AGENCY OBTAINED PERMIT THROUGH WARRANTY EXPIRATION.

NOTE: CRAIG ROAD IS A NDOT RIGHT-OF-WAY. AN ENCROACHMENT PERMIT IS REQUIRED FOR CONSTRUCTION IN THE RIGHT-OF-WAY.

Scale 1" = 30'

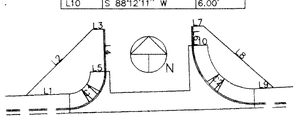


SECTION A-A
NOT TO SCALE

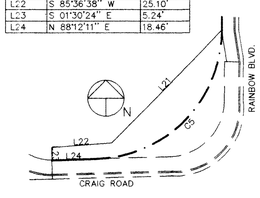


SECTION B-B
NOT TO SCALE

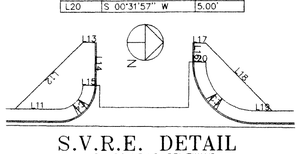
SIDEWALK RAMP DATA



S.V.R.E. DETAIL
CRAIG ROAD DRIVEWAYS



S.V.R.E. DETAIL



S.V.R.E. DETAIL
RAINBOW BLVD. DRIVEWAYS

S.V.R.E. CURVE TABLE

NUMBER	DELTA	TANGENT	RADIUS	LENGTH
C1	90°17'25"	9.05	9.00	14.18
C2	89°42'35"	18.90	19.00	29.75

S.V.R.E. LINE TABLE

NUMBER	DIRECTION	DISTANCE
L1	S 87°55'39" W	17.95'
L2	N 45°04'29" E	39.05'
L3	S 88°12'11" W	4.50'
L4	S 01°47'49" E	17.61'
L5	N 88°12'11" E	6.00'
L6	N 01°47'49" W	8.00'
L7	S 88°12'11" W	4.50'
L8	S 48°29'25" E	39.16'
L9	S 87°14'18" W	8.10'
L10	S 88°12'11" W	6.00'

S.V.R.E. CURVE TABLE

NUMBER	DELTA	TANGENT	RADIUS	LENGTH
C5	87°40'14"	51.85	54.00	82.63

S.V.R.E. LINE TABLE

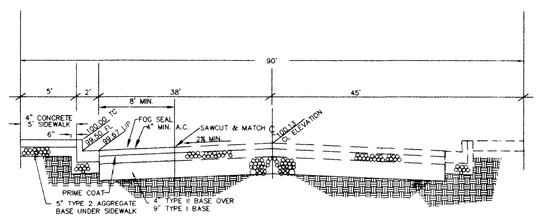
NUMBER	DIRECTION	DISTANCE
L21	S 44°22'04" W	65.60'
L22	S 85°36'38" W	25.10'
L23	S 01°30'24" E	5.24'
L24	N 88°12'11" E	18.46'

S.V.R.E. CURVE TABLE

NUMBER	DELTA	TANGENT	RADIUS	LENGTH
C3	90°00'00"	20.00	20.00	31.42
C4	90°00'00"	10.00	10.00	15.71

S.V.R.E. LINE TABLE

NUMBER	DIRECTION	DISTANCE
L11	S 00°31'57" W	18.00'
L12	N 44°28'03" W	39.60'
L13	N 00°31'57" E	5.00'
L14	S 89°28'03" E	18.00'
L15	N 00°31'57" E	5.00'
L16	N 89°28'03" W	8.00'
L17	S 00°31'57" W	5.00'
L18	N 45°31'57" E	39.60'
L19	S 00°31'57" W	8.00'
L20	S 00°31'57" W	5.00'



RAINBOW BLVD.
STA. 5+00 TO 8+40

CONSTRUCT CURB AND GUTTER AS PER STD. DWG. 216
CONSTRUCT SIDEWALK AS PER STD. DWG. 234
AC PAVEMENT TO BE 1/2" MAXIMUM ABOVE LIP OF GUTTER AFTER COMPACTION.

BENCHMARK

1LV00 2W4
RIVET & PLATE IN TOP OF CURB, NORTHEAST RETURN OF RAINBOW BLVD. AND CRAIG ROAD
2316.68 FEET
706.1261 METERS
NAVD 88

LEGEND & ABBREVIATIONS

GRADE BREAK GB
EXISTING GRADE EG
TOP OF SIDEWALK TW
TOP OF CURB TC
FINISH FLOOR FF
FLOW LINE FL
FINISH GRADE FG
HIGH POINT HP
EDGE OF AC
EXISTING GRADE (00.00)
PROPOSED GRADE 00.00
EXISTING TOPO 00.00
PROPOSED IMPROVEMENTS ARE SHOWN AS SOLID LINES
EXISTING IMPROVEMENTS ARE SHOWN AS DASHED LINES

BASIS OF BEARING

NORTH 00 50'26" EAST, BEING THE WEST LINE OF THE NORTHEAST QUARTER, OF SECTION 3, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M. AS SHOWN ON BOOK 77 OF PLATS, PAGE 38, CLARK COUNTY, NEVADA OFFICIAL RECORDS.

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

LICENSED CIVIL ENGINEER No. 11278 — DATE 8/30/98

ANY INFORMATION OR DATA ON THIS DRAWING IS NOT INTENDED TO BE SUITABLE FOR REUSE BY ANY PERSON, FIRM, CORPORATION, OR ANY OTHERS ON EXTENSIONS OF THIS PROJECT OR FOR ANY USE ON ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION AND ADOPTION BY THE ENGINEER FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO THE ENGINEER.

NOTE: EXISTING UTILITIES AND IMPROVEMENTS SHOWN ON THESE PLANS WERE LOCATED FROM THE BEST INFORMATION AVAILABLE AT THE TIME. THE ENGINEER BEARS NO RESPONSIBILITY FOR EXISTING UTILITIES AND IMPROVEMENTS NOT SHOWN OR FOR UTILITIES AND IMPROVEMENTS NOT IN THE LOCATION SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR NOTIFYING ALL UTILITY COMPANIES BEFORE STARTING CONSTRUCTION, AND PHYSICALLY LOCATING ALL UTILITIES AND IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION.

REV	DATE	BY	REVISION
1	12/8/98	AWC	ADD SIDEWALK A&B

FREKAPEL LLC
812 E. SAHARA AVE., SUITE 5
LAS VEGAS, NEVADA 89104
(702) 256-7355

P.R.E. ENGINEERING
P.O. BOX 13438
LAS VEGAS, NEVADA 89112
(702) 434-8515

SHEET: GRADING PLAN

TITLE: CRAIG/RAINBOW COMMERCIAL SUBDIVISION

DRAWN BY: P.W.R.	8/31/98	
DESIGNED BY: P.W.R.	8/31/98	
CHECKED BY: W.H.	8/31/98	SCALE: 1"=30'
PROJECT NO: 0073-002		

SEAL: PROFESSIONAL ENGINEER — STATE OF NEVADA — PHILLIP W. REGESKI — CIVIL — No. 11278 — 8/31/98

SHEET G1
6 OF 11 SHEETS

DRAWING NO. 107Y-45 74

7302-GRD

7302

10127 (3) 11843

Scale 1" = 30'

PROJECT SITE

VICINITY MAP

FUTURE FF
20.20
19.40 PAD

NOTE: ALL SIDEWALK ADJACENT TO CRAIG ROAD THAT IS ON THIS PARCEL AND OUTSIDE OF THE RIGHT-OF-WAY IS IN A PUBLIC ACCESS EASEMENT SHOWN ON THE FINAL MAP

SECTION A-A

SECTION B-B

SIDEWALK DROP DATA

BENCHMARK

BASIS OF BEARING

S.V.R.E. DETAIL

S.V.R.E. DETAIL

S.V.R.E. DETAIL

7302-GR0

TERKAPEL LLC

PRR

GRADING PLAN

CRAIG/RAINBOW
COMMERCIAL SUBDIVISION

G1