

ABBREVIATIONS

FL FC TRC FUT. EXIST VC NG H.P. L.P. C/L O/C BC BCR TR CB PC S/W	FINISH GRADE FLOW LINE TOP OF CURB TOP OF ROLL CURB EDGE OF PAVEMENT FUTURE EXISTING VALLEY GUTTER NATURAL GROUND HIGH POINT LOW POINT CENTER LINE OFFSET CROWN BACK OF CURB BEGIN CURB RETURN TOP OF FOOTING GRADE BREAK POINT OF CURVATURE SIDEWALK	PT PRC PCC BVC MVC EVC PRVC VPI TPW TOP TOE TOB PP TRANS. RET. INT. D.G. TSW TW	POINT OF TANGENCY POINT OF REVERSE CURVATURE POINT OF COMPOUND CURVATURE BEGIN VERTICAL CURVE MID-POINT OF VERTICAL CURVE END VERTICAL CURVE POINT OF REVERSE VERTICAL CURVE VERTICAL POINT OF INTERSECTION TOP OF PLANTER WALL TOP OF CHANNEL/SCARP TOE OF CHANNEL/SCARP TOP OF BOX POWER POLE TRANSITION RETAINMENT INTERSECTION DESIGN GRADE TOP OF SIDEWALK TOP OF WALL
--	---	---	---

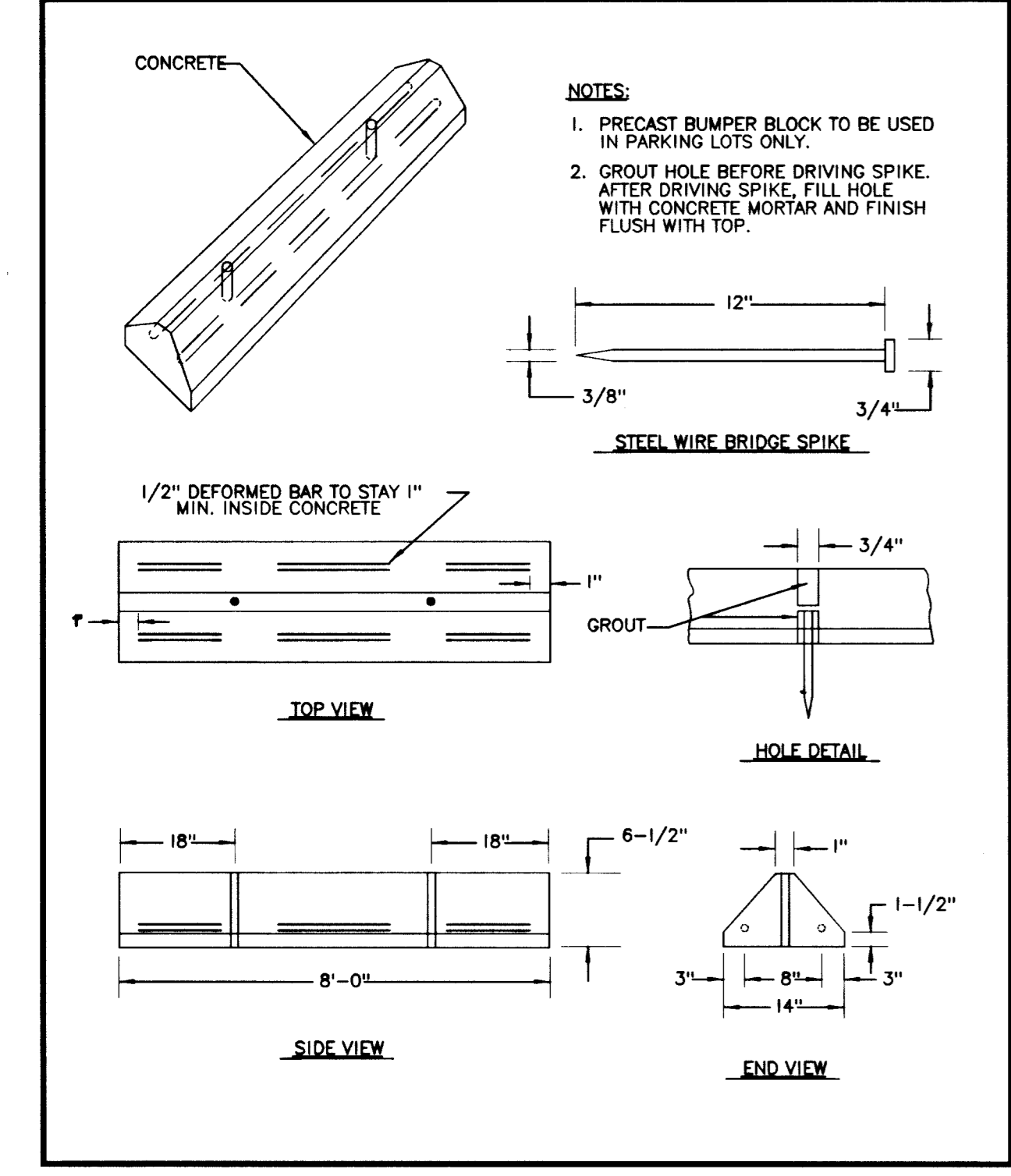
Call before you Underground
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-8611
PREWAY AND AIRTRIAL SYSTEM OF TRANSPORTATION

Call before you Overhead
1-702-227-2923

Call before you Dig
1-800-227-2800

BASIS OF BEARINGS
THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 27°54'36" EAST - THE CENTERLINE OF LAS VEGAS BOULEVARD FROM STATION "B" (1077+00.00 POT TO STATION "B" (1155+93.84 POT (AND FREMONT AVENUE) BEARS NORTH 27°54'36" EAST PER NEVADA DEPARTMENT OF HIGHWAY DRAWINGS, PROJECT NUMBER FD05-1(C), AS SHOWN BY THAT RECORD OF SURVEY ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN FILE 67 OF SURVEYS, AT PAGE 79.

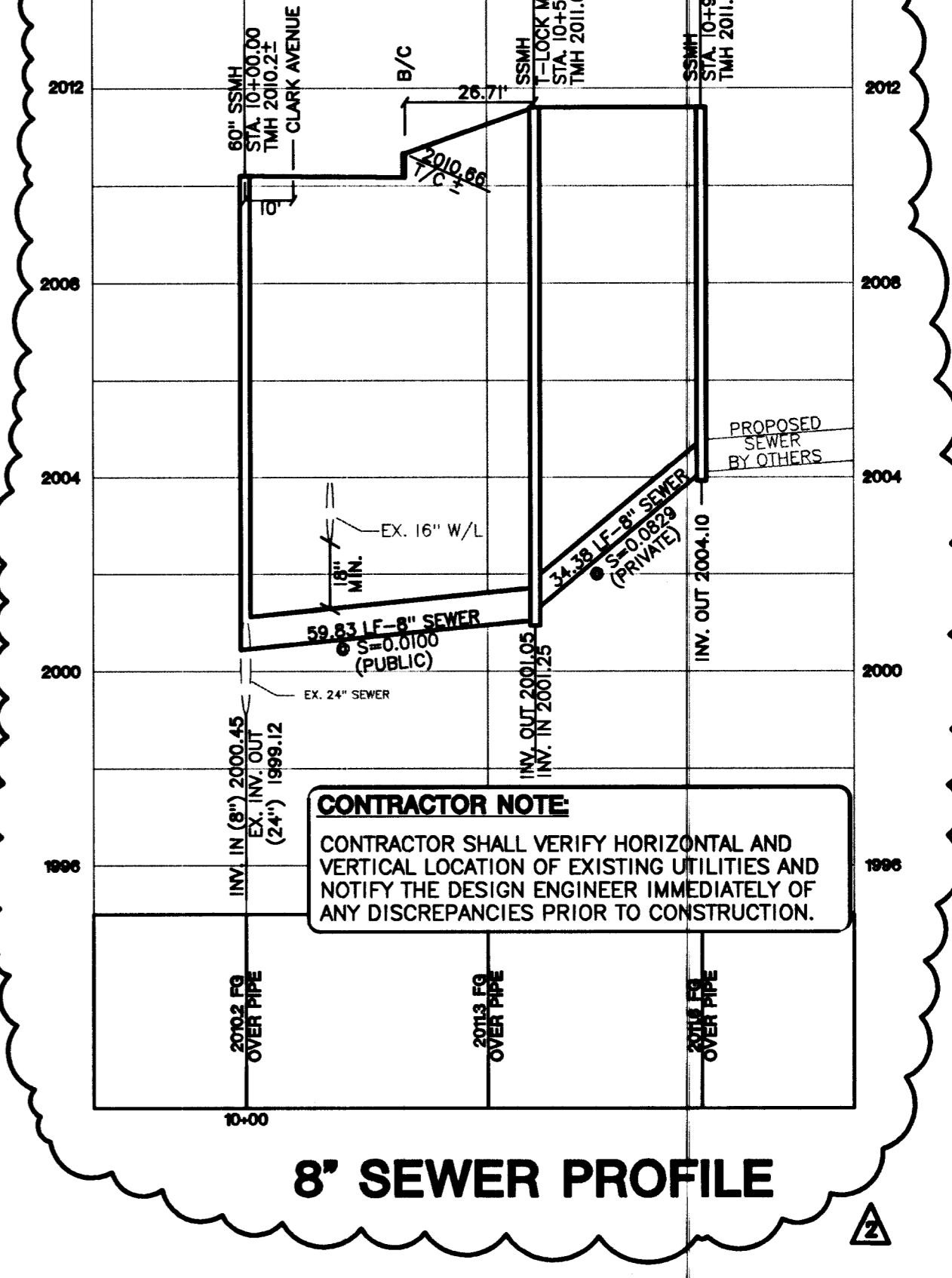
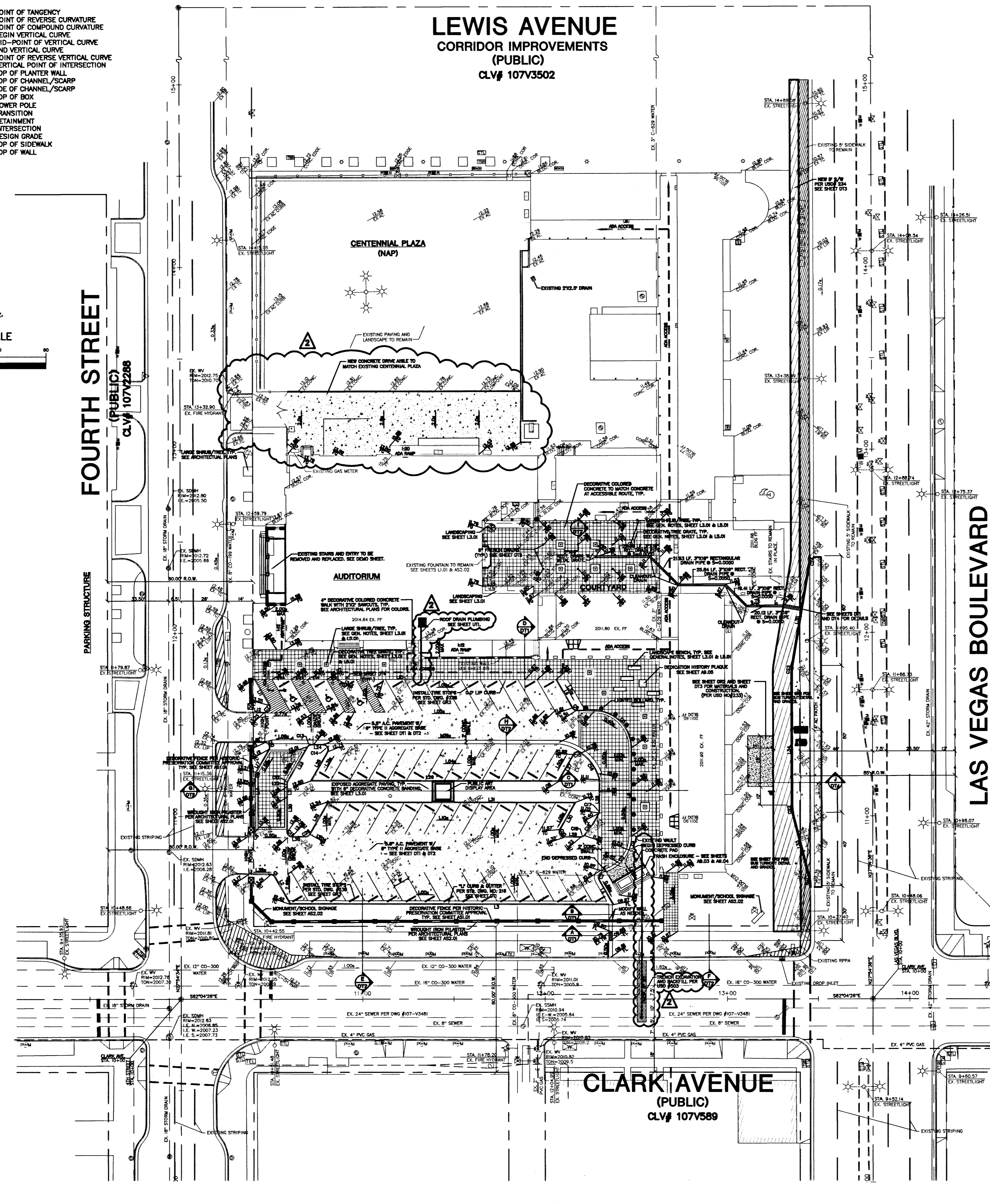
PROJECT BENCHMARK
PROJECT DATUM: CITY OF LAS VEGAS BENCH MARK NO. CLVBM FREMONT 5 - RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHEAST RETURN OF FREMONT AND LAS VEGAS BOULEVARD.
NAVD88 ELEVATION: 2007.32 METERS (6586.70 FEET)



TYPICAL PARKING STOP DETAIL
USD# 238

LINE	LENGTH	BEARING
L1	12.10	S61°24'04"E
L2	17.07	S01°56'08"E
L3	188.22	S61°56'08"E
L4	15.94	N01°56'08"W
L6	48.24	N28°03'52"E
L8	9.53	N61°56'08"W
L9	17.90	N01°56'08"W
L10	165.70	N61°56'07"W
L11	16.23	S01°56'08"W
L12	9.18	N61°51'37"W
L13	19.20	N27°55'09"E
L14	5.66	N27°55'09"E
L15	5.90	N27°55'09"E
L16	1.02	S61°31'00"E
L17	14.28	N58°03'52"E
L18	9.19	N61°53'49"W
L20	19.16	N27°54'48"E
L21	5.66	N27°54'48"E
L22	1.38	N27°54'48"E
L23	21.54	N58°03'52"E
L24	6.43	S61°56'08"E
L25	18.48	S58°03'52"W
L26	136.24	S61°56'08"W
L27	17.02	N58°03'52"E
L28	17.02	S28°03'52"W
L29	8.96	N61°56'08"W
L30	17.30	N58°03'52"E
L31	136.25	N61°56'08"W
L32	20.32	S58°03'52"W
L33	36.21	N13°25'07"E
L34	71.81	N27°52'57"E
L35	57.40	N37°32'38"E
L36	7.32	N62°04'26"W

CURVE	LENGTH	RADIUS	TANGENT	DELTA
C1	3.10	3.00	1.70	59°06'54"
C2	4.69	2.50	3.40	107°24'01"
C3	19.94	20.50	10.94	55°43'13"
C4	7.76	20.50	3.93	21°40'48"
C5	32.20	20.50	20.50	90°00'00"
C6	2.62	2.50	1.44	59°59'59"
C7	5.24	2.50	4.34	120°05'05"
C8	3.95	2.50	2.52	90°34'12"
C9	1.85	3.50	0.95	30°21'52"
C10	5.11	2.50	4.89	117°05'04"
C11	3.93	2.50	2.50	89°59'14"
C12	1.32	2.50	0.67	30°09'04"
C13	2.62	2.50	1.44	60°00'00"
C14	5.24	2.50	4.33	120°00'00"
C15	4.14	2.45	2.76	96°35'59"
C16	17.33	25.94	9.00	38°15'43"
C17	1.09	2.50	0.53	24°54'00"
C18	14.46	49.46	7.28	16°45'13"
C19	2.11	2.41	1.13	50°18'01"
C20	5.24	2.50	4.33	120°00'00"
C21	4.97	25.00	2.50	11°24'02"
C22	4.80	25.05	2.41	10°58'14"
C23	3.44	25.00	1.72	7°52'22"
C24	4.42	25.00	1.71	7°52'22"
C25	0.73	2.50	0.37	16°40'29"
C26	2.61	2.50	1.44	59°51'42"



LEGEND

- EX. BUS STOP
- EX. CATCH BASIN
- EX. CENTERLINE
- EX. CHAIN LINK FENCE
- EX. ELECTRIC VAULT/PULL BOX
- EX. BUILDING
- EX. FIRE HYDRANT
- EX. FLAG POLE
- EX. FOUND MONUMENT AS NOTED
- EX. GAS VALVE
- EX. GUARD POST
- EX. LIGHT
- EX. PARKING METER
- EX. RIGHT OF WAY LINE
- EX. SANITARY SEWER MANHOLE
- EX. SIGN
- EX. STORM DRAIN MANHOLE
- EX. STREET LIGHT
- EX. STREET LIGHT PULL BOX
- EX. TELEPHONE MANHOLE
- EX. TELEPHONE PULL BOX
- EX. TRAFFIC LANE DELINEATION
- EX. VAULT
- EX. WALL
- EX. WATER METER
- EX. WATER VALVE
- EX. WHEEL CHAIR ACCESS RAMP
- EX. WROUGHT IRON FENCE
- ADA ACCESS ROUTE
- SITE VISIBILITY ZONE

5'-5" A.C. PAVEMENT W/ 6" TYPE II AGGREGATE BASE @ 90% COMPACTION.
4" CONCRETE PAD W/ 6" TYPE II AGGREGATE BASE @ 90% COMPACTION.
EXPOSED 6" AGGREGATE PAVING @ 90% COMPACTION.
4" DECORATIVE COLDRED CONCRETE PAVING W/ 2"x2" SAWCUTS AND 6" TYPE II AGGREGATE BASE @ 90% COMPACTION.
NEW 4" CONCRETE TO CREATE 10' WIDE SIDEWALK. SEE USD#234 ON SHEET DTS.
EXISTING 5' WIDE PUBLIC CONCRETE SIDEWALK TO REMAIN IN PLACE.

104721

CITY OF LAS VEGAS
2727 SOUTH RAINBOW BOULEVARD
LAS VEGAS, NEVADA 89148-5148
PH. (702) 873-7550 FAX (702) 362-2587 WEB WWW.VNVM.COM

CONSULTING ENGINEERS PLANNERS & LAND SURVEYORS
AARON M. AMARACHUKA
REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA
EX. No. 15079
DATE: 8/10/07

OVERALL GRADING FIFTH STREET SCHOOL
FIFTH STREET SCHOOL REHABILITATION SUBMITTAL
BUILDING DEPARTMENT SUBMITTAL

DRAWN BY: SPAPPA
DESIGNED BY:
CHECKED BY:
PROJECT NO: 6716
SHEET GR3
5 OF 11 SHEETS
DRAWING NO. CLV# 513-85E

REVISIONS:
7
6
5
4
3
2
1

REUSED GRADES AT DRIVE AISLE. ADDED S.S. PROFILE. REVISED
ROOF DRAIN-REF. ARCHITECT REV. #11. & ADDED TRENCHING FOR
DELETED THE WORDS, "PROPOSED".
DATE: 2/12/07
BY: JH