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CLARK COUNTY TRAFFIC OPERATIONS AND FREEMONT AND ARTERIAL SYSTEMS OF TRANSPORTATION

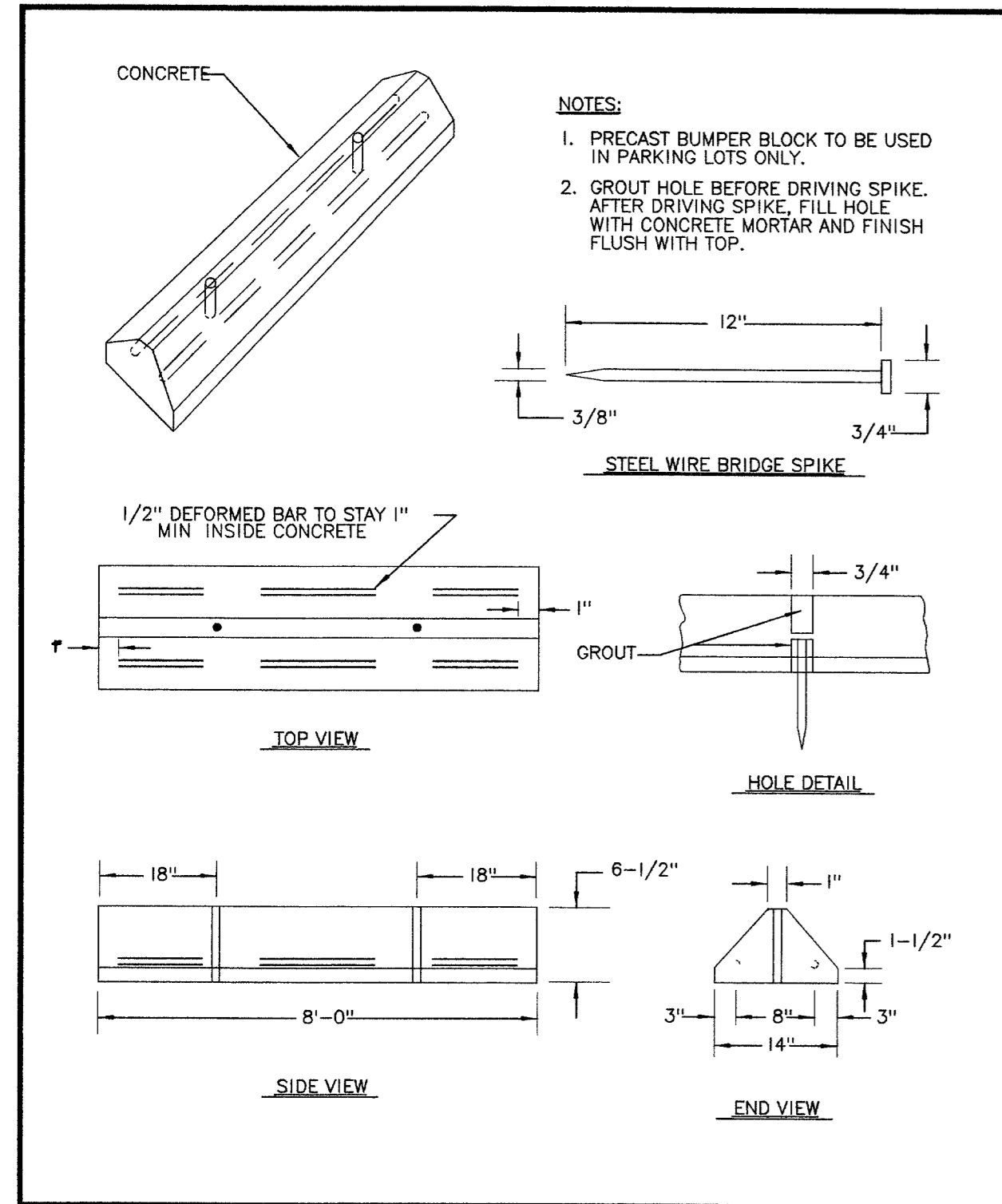
Call before you Overhead
1-702-227-2929

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1-800-227-2600

Graphic Scale: 1" = 30'

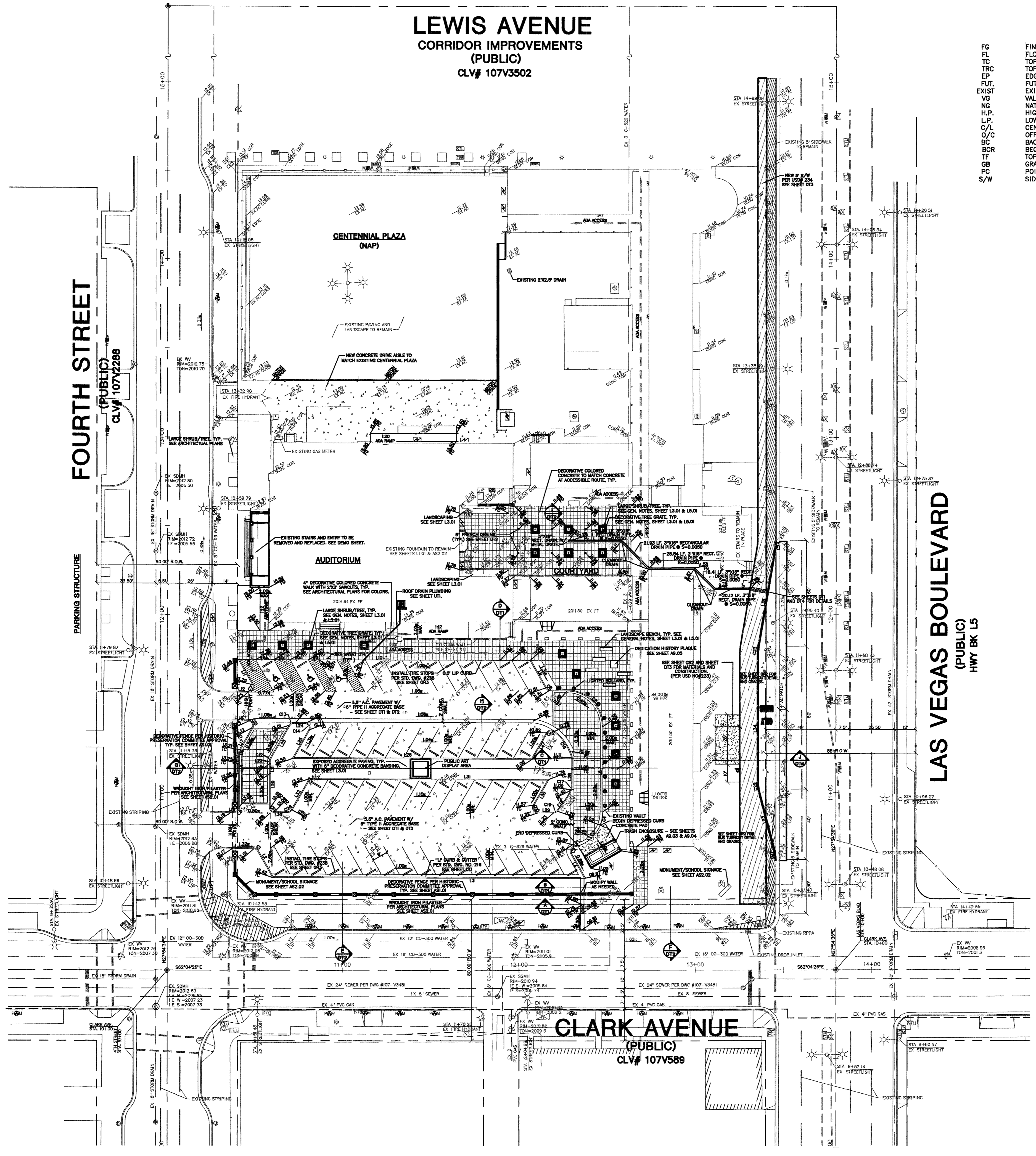
BASIS OF BEARINGS
THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 27°54'36" EAST — THE CENTERLINE OF LAS VEGAS BOULEVARD FROM STATION "B" 1077+00.00 PVI TO STATION "B" 1054+93.64 PVI (AND FREMONT AVENUE) BEARS NORTH 27°54'36" EAST PER NEVADA DEPARTMENT OF HIGHWAY DRAWINGS, PROJECT NUMBER F005-1(3), AS 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)



LINE	LENGTH	BEARING
L1	12.10	S61°24'04"E
L2	17.07	S01°56'08"E
L3	188.22	S61°56'08"W
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"E
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	1.98	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	N32°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	10.84	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	4.09	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	0.55	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	2.53	11°24'02"
C22	4.80	25.05	2.41	10°58'14"
C23	3.44	25.00	1.72	7°52'22"
C24	3.42	25.00	1.71	7°50'22"
C25	0.73	2.50	0.37	16°40'29"
C26	2.61	2.50	1.44	59°51'42"



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

- 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
 - PROPOSED 5.5" A.C. PAVEMENT W/ 6" TYPE II AGGREGATE BASE @ 90% COMPACTION.
 - PROPOSED 4" CONCRETE PAD W/ 6" TYPE II AGGREGATE BASE @ 90% COMPACTION.
 - EXPOSED 8" AGGREGATE PAVING @ 90% COMPACTION.
 - 4" DECORATIVE COLORED CONCRETE PAVING W/ 2"x2" SAW CUTS AND 6" TYPE II AGGREGATE BASE @ 90% COMPACTION.
 - NEW 4" CONCRETE TO CREATE 10' WIDE SIDEWALK. SEE USD#234 ON SHEET D13
 - EXISTING 5' WIDE PUBLIC CONCRETE SIDEWALK TO REMAIN IN PLACE.

CITY OF LAS VEGAS
400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
(702) 229-6535

OVERALL GRADING FIFTH STREET SCHOOL

FIFTH STREET SCHOOL REHABILITATION BUILDING DEPARTMENT SUBMITTAL

DESIGNED BY: SPAPPA
CHECKED BY: DANIEL J. HOOD
PROJECT NO.: 8716
SCALE: 1"=30' HORIZ. 1"=10' VERT.

PROFESSIONAL ENGINEER - STATE OF NEVADA
DANIEL J. HOOD
Exp. 8/30/07
CIVIL
No. 12811

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EXPIRES 06-30-07

SHEET GR3
5 OF 11 SHEETS
DRAWING NO. CLV# 513-65E

HANSEN# 18021