

Call before you Underground
1-702-455-7511
CLARK COUNTY RECORDING OPERATOR
A/C
1-702-229-6611
FREEMANT (AN) ARTIFICIAL SYSTEMS OF TRANSPORTATION

Call before you Overhead
1-702-227-2929

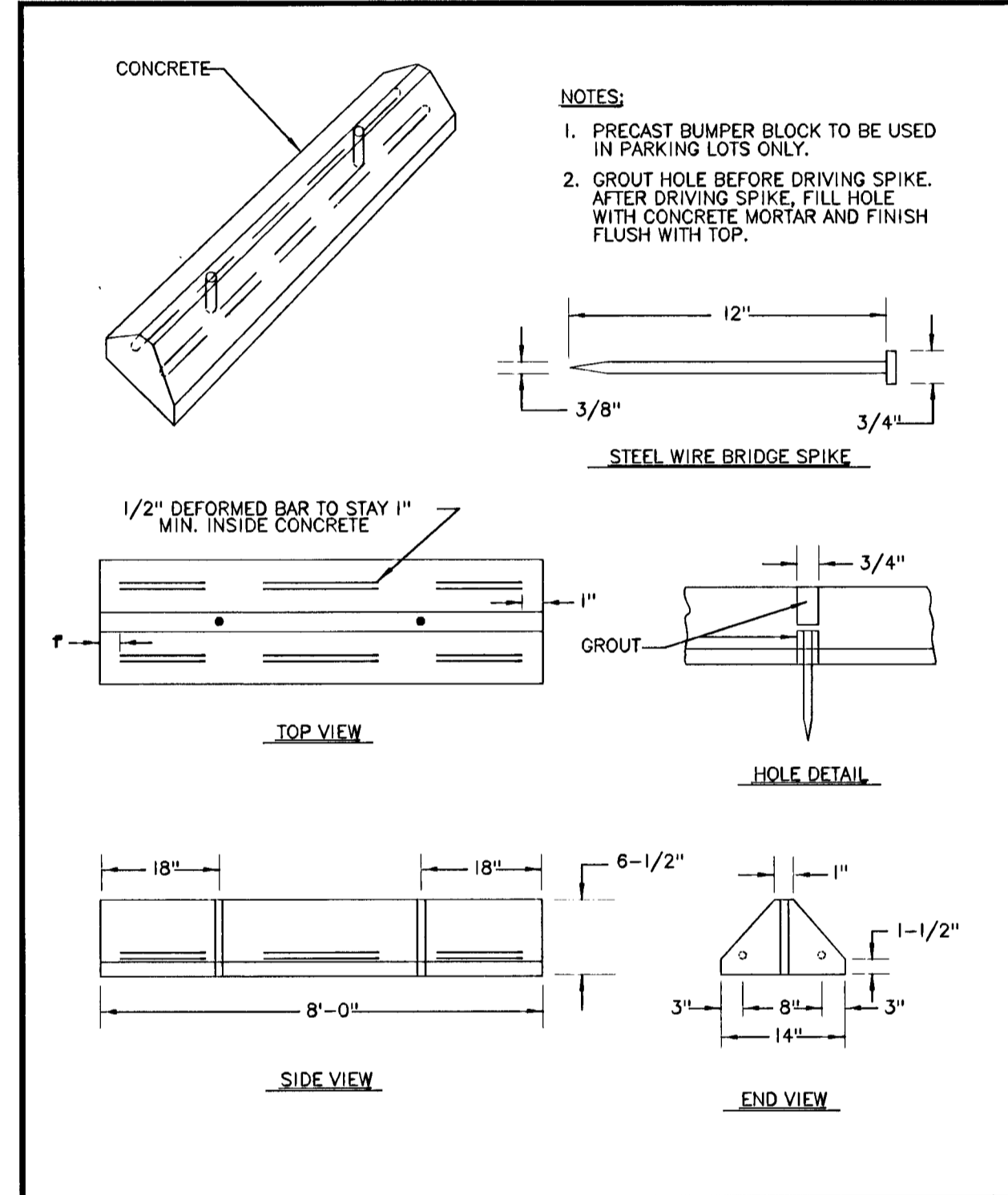
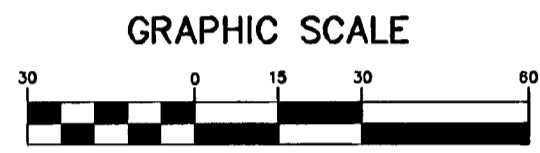
Call before you Dig
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ABBREVIATIONS

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

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+93.64 POT (AND FREMONT AVENUE) BEARS NORTH 27°54'36" EAST PER NEVADA DEPARTMENT OF HIGHWAY DRAWINGS, PROJECT NUMBER F004-(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)

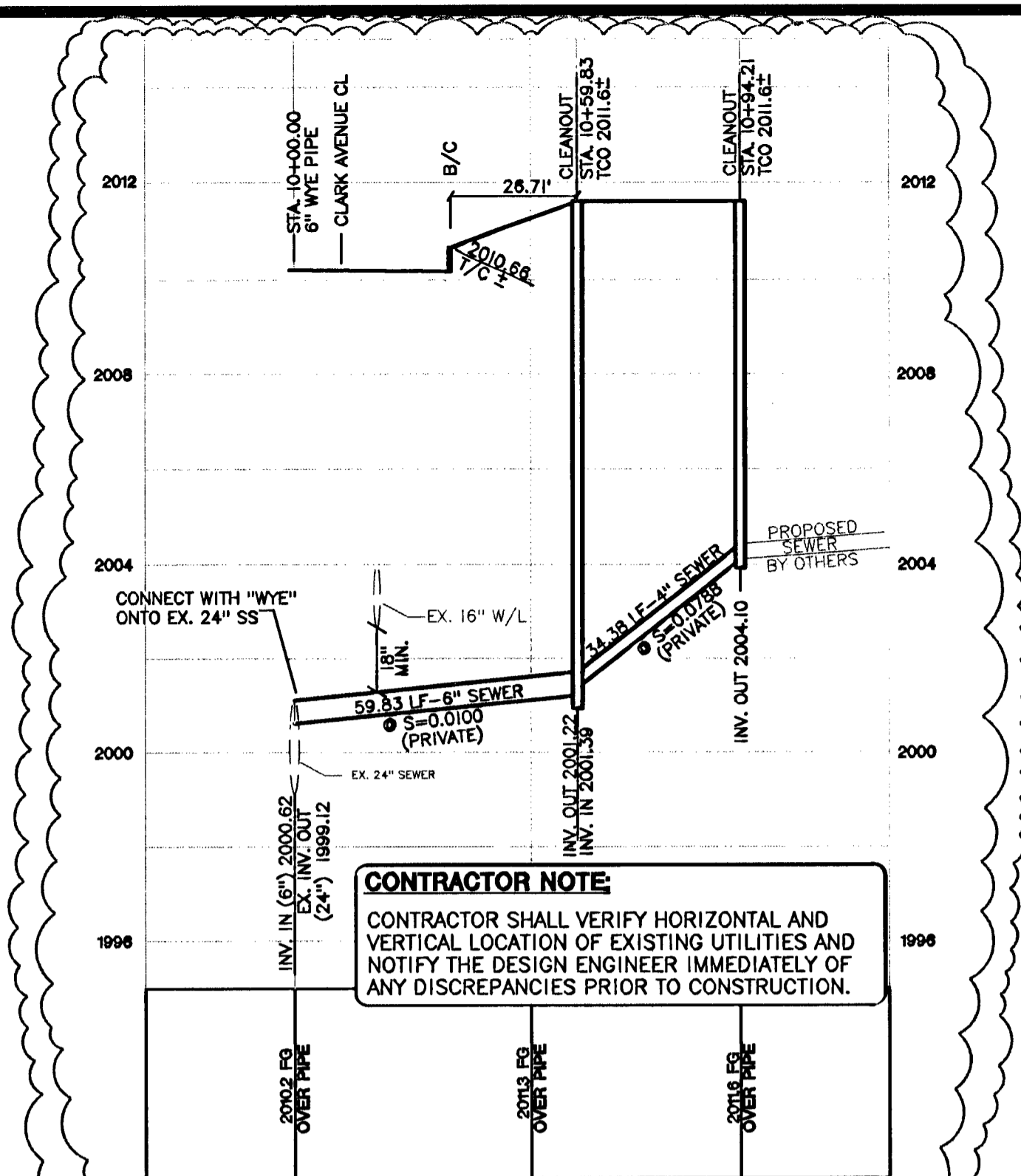
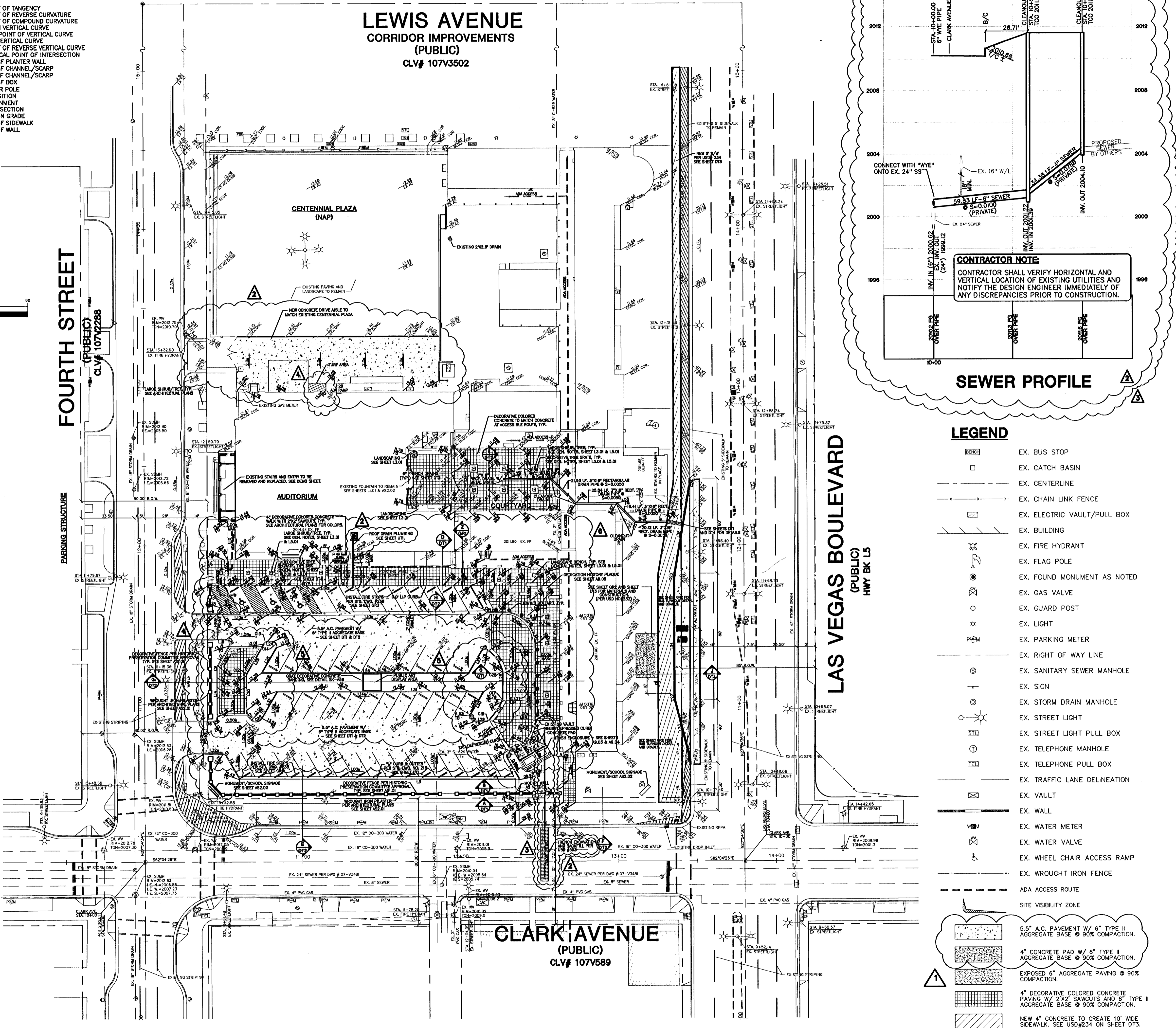


TYPICAL PARKING STOP DETAIL

USD# 238

CURVE TABLE			
CURVE	LENGTH	RADIUS	TANGENT DELTA
C1	3.10	3.00	1.70 59°06'54"
C2	4.59	2.50	3.40 107°24'01"
C3	19.34	20.00	10.84 55°43'13"
C4	7.76	20.50	3.93 21°48'48"
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	1.95	3.50	0.95 30°21'52"
C10	9.11	2.50	4.09 117°05'04"
C11	7.16	7.80	3.85 52°33'41"
C12	1.32	2.50	0.67 30°09'04"
C13	2.52	2.50	1.38 57°45'53"
C14	5.20	2.50	4.27 119°15'12"
C15	4.16	2.50	2.74 95°17'55"
C16	16.39	24.94	8.51 37°39'24"
C17	1.10	2.50	0.56 25°10'25"
C18	14.91	48.46	7.51 17°37'26"
C19	2.06	2.50	1.09 47°12'09"
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	3.42	25.00	1.71 7°50'22"
C25	0.74	25.00	0.37 17°24'41"
C26	7.06	4.30	4.62 94°13'55"

LINE TABLE		
LINE	LENGTH	BEARING
L1	2.10	S61°24'04"E
L2	17.97	S01°56'08"E
L3	188.62	S01°56'08"E
L4	15.94	N01°56'08"W
L5	48.24	S01°56'08"E
L6	5.53	N01°56'08"W
L7	17.90	N01°56'08"W
L8	163.70	N01°56'08"W
L9	16.23	S01°56'08"E
L10	19.20	N01°56'08"W
L11	30.76	N01°56'08"W
L12	3.90	N01°56'08"W
L13	8.08	S01°56'08"E
L14	14.98	N01°56'08"W
L15	14.20	S01°56'08"E
L16	21.75	N01°56'08"W
L17	5.66	S01°56'08"E
L18	1.98	N01°56'08"W
L19	21.54	N01°56'08"W
L20	7.58	N01°56'08"W
L21	18.47	S01°56'08"E
L22	13.87	S01°56'08"E
L23	15.99	N01°56'08"W
L24	16.65	N01°56'08"W
L25	7.58	N01°56'08"W
L26	17.30	N01°56'08"W
L27	13.25	S01°56'08"E
L28	16.44	N01°56'08"W
L29	36.81	N01°56'08"W
L30	72.61	N01°56'08"W
L31	57.40	N01°56'08"W
L32	7.38	N01°56'08"W



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 COLORED 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 D13.
- EXISTING 5' WIDE PUBLIC CONCRETE SIDEWALK TO REMAIN IN PLACE.

CITY OF LAS VEGAS
2727 SOUTH RAINBOW BOULEVARD
LAS VEGAS, NEVADA 89148-9148
PH: (702) 673-7550 FAX: (702) 382-2587 WEB: WWW.VNVM.COM

CONSULTING ENGINEERS PLANNERS AND SURVEYORS

OVERALL GRADING FIFTH STREET SCHOOL

FIFTH STREET SCHOOL REHABILITATION BUILDING DEPARTMENT SUBMITTAL

PROFESSIONAL ENGINEER SITE 30
DANIEL J. WOOD
CIVIL
NO. 12811
5-3008

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

REVISION TABLE:

NO.	DATE	BY	REVISION
1	5-13-08	J.P.	RFT 172, REVISED PARKING LOT GRADINGS
2	2-26-08	J.P.	REVISED CURB
3	2-26-08	J.P.	REVISED FENCE LOCATION, PARKING LOT, & ADDED TURF AREAS
4	2-26-08	J.P.	REVISED SEWER
5	2-26-08	J.P.	REVISED FENCE
6	2-26-08	J.P.	REVISED GRADES AT DRIVE ASLE, ADDED S.S. PROFILE, REVISED ROOF DRAIN-REF. ARCHITECT REV. #11, & ADDED TRENCHING FOR S.S.
7	2-12-07	S.A.P.	DELETED THE WORDS, "PROPOSED"

115201

HANSEN# 18021

RELOT