

ABBREVIATIONS

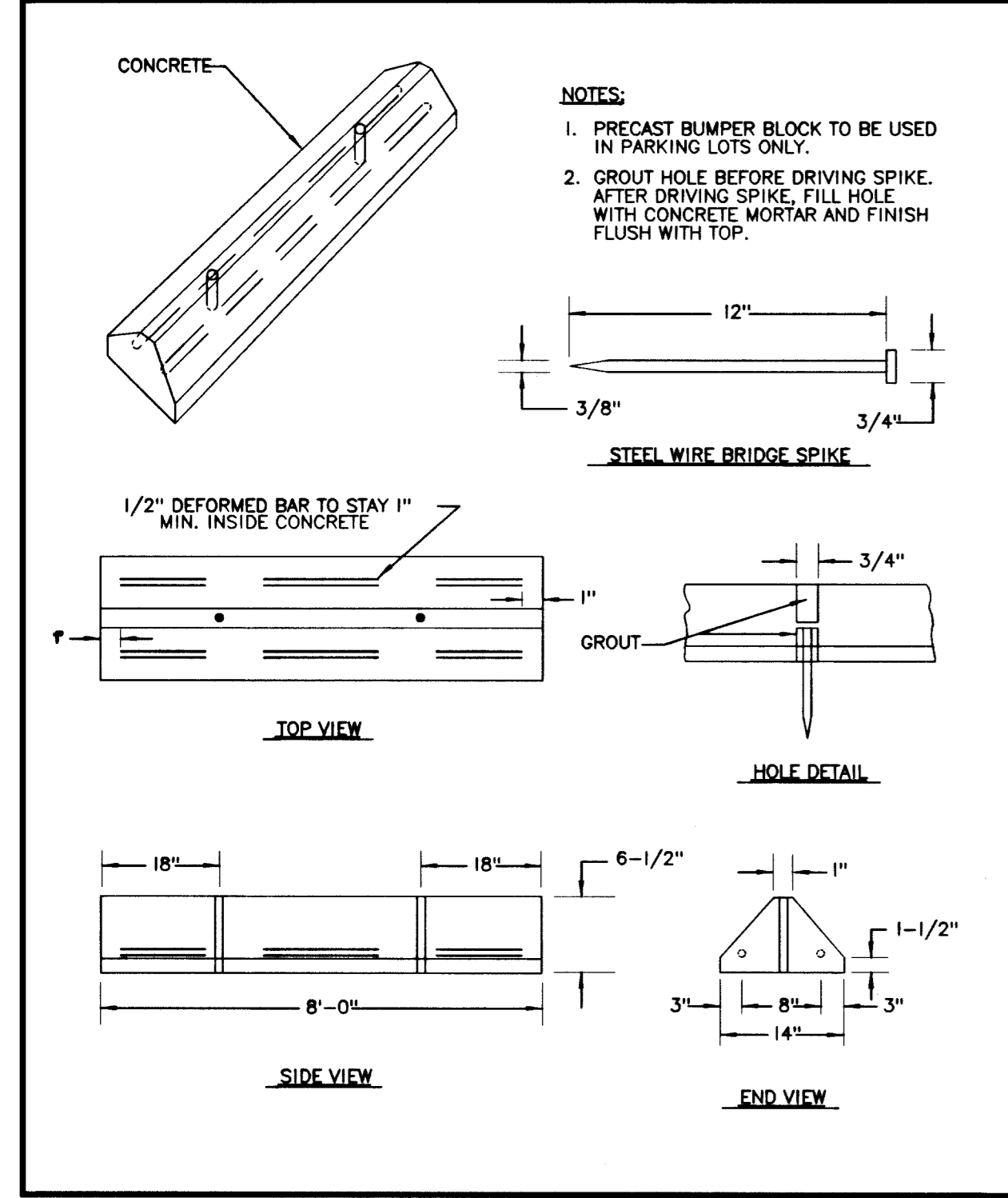
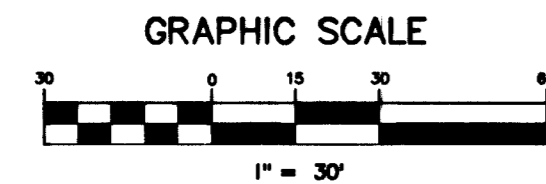
- | | | | |
|--|---|---|---|
| FG
FL
TC
TRC
EP
FUT.
EXIST
VG
NG
H.P.
L.P.
C/L
O/C
BCR
TF
GB
PC
S/W | FINISH GRADE
FLOW LINE
TOP OF CURB
TOP OF ROLL CURB
EDGE OF PAVEMENT
FUTURE
EXISTING
VALLEY GUTTER
NATURAL GROUND
HIGH POINT
LOW POINT
CENTER LINE
OFFSET CROWN
BACK OF CURB
BEGIN CURB RETURN
TOP OF FOOTING
GRADE BREAK
POINT OF CURVATURE
SIDEWALK | PT
PRC
PCC
BVC
EVC
FUT.
PRVC
VPI
TPW
MVC
TOP
TOE
TOB
PP
TRANS.
RET.
INT.
D.C.
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 Undergo
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-228-0611
PREWAY AND ARTIFIAL SYSTEMS OF TRANSPORTATION

Call before you Overhead
1-702-227-2929
Call before you Dig
1-800-227-2600

BASIS OF BEARINGS
THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 27°54'38" EAST - THE CENTERLINE OF LAS VEGAS BOULEVARD FROM STATION 18+1077+00.00 P.O.T TO STATION 18+1155+43.64 P.O.T (AND FREMONT AVE) BEARS NORTH 27°54'38" EAST PER NEVADA DEPARTMENT OF HIGHWAY DRAWINGS, PROJECT NUMBER F005-(1), 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)

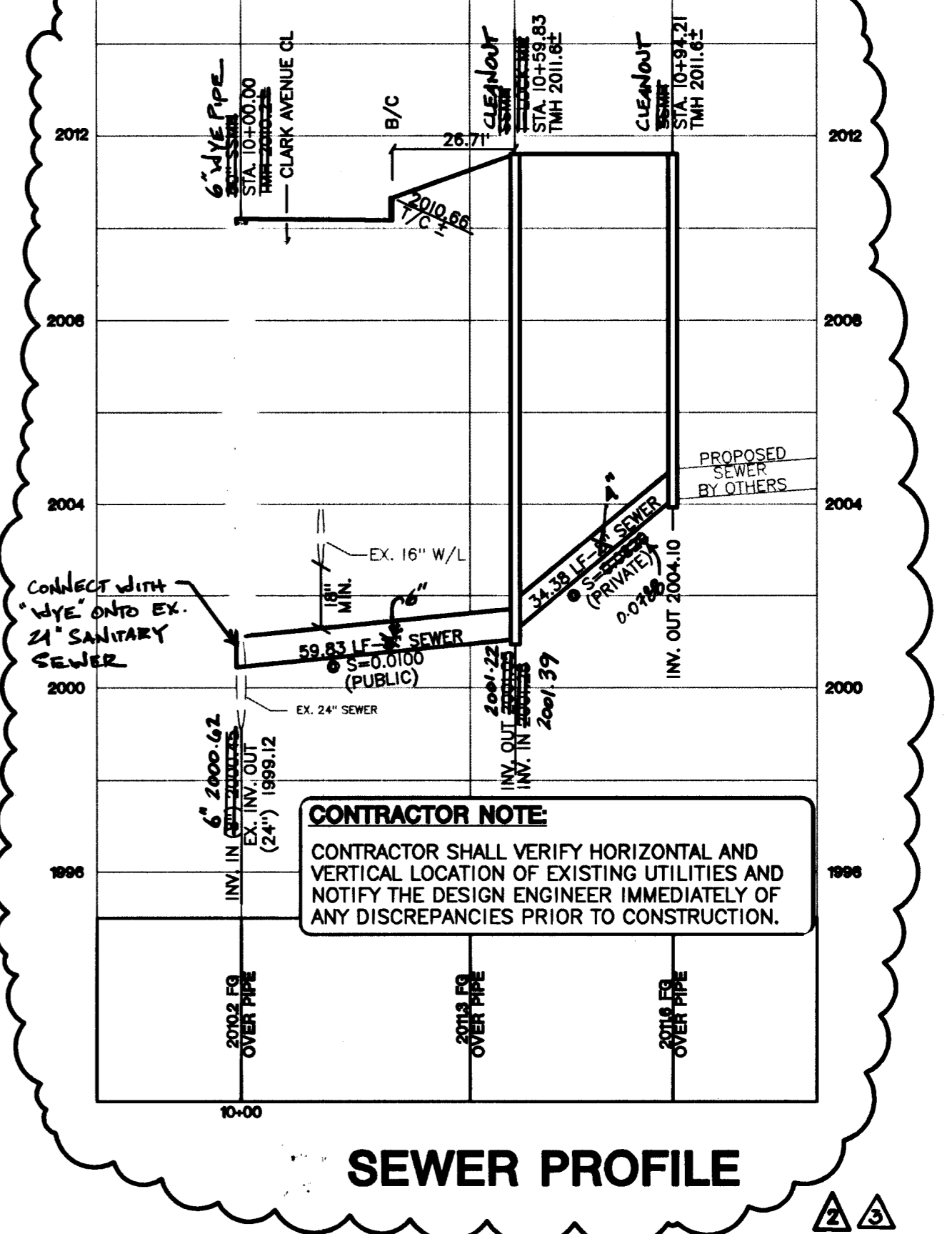
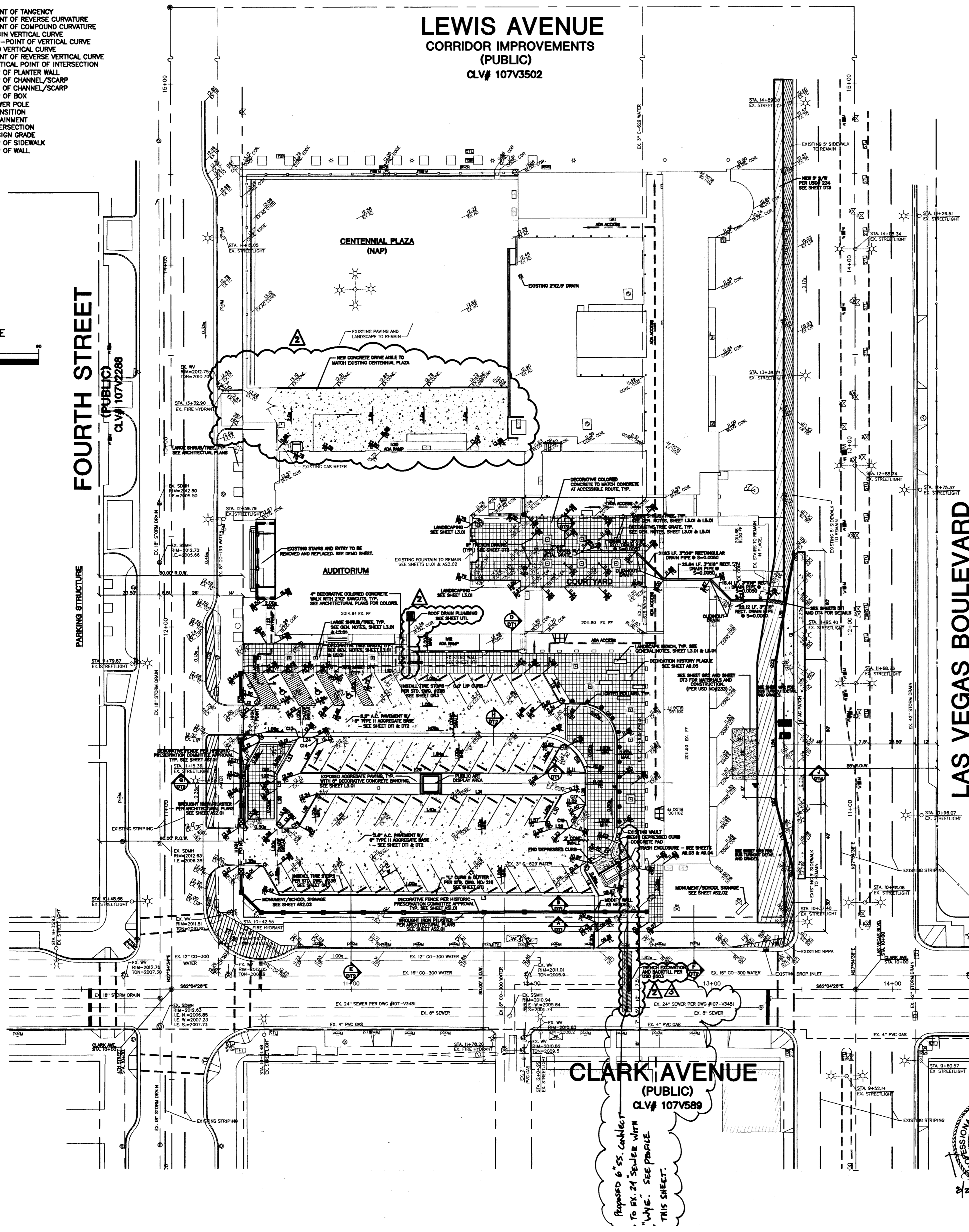


TYPICAL PARKING STOP DETAIL
USD# 238

LINE	LENGTH	BEARING
L1	12.10	S61°24'04"E
L2	17.07	S01°56'08"E
L3	189.22	S61°56'08"E
L4	15.94	N01°56'08"W
L5	48.24	N28°03'52"E
L6	9.53	N61°56'08"W
L7	17.90	N01°56'08"W
L8	165.70	N61°56'07"W
L9	16.23	S01°56'08"E
L10	9.18	N61°51'37"W
L11	19.20	N27°53'09"E
L12	5.66	N27°53'09"E
L13	5.90	N27°53'09"E
L14	1.02	S61°31'00"E
L15	14.28	N58°03'52"E
L16	9.19	N61°53'49"W
L17	19.16	N27°54'48"E
L18	1.38	N27°54'48"E
L19	21.54	N58°03'52"E
L20	6.43	S61°56'08"E
L21	18.48	S58°03'52"W
L22	136.24	S61°56'08"E
L23	17.02	N58°03'52"E
L24	17.02	S20°13'48"W
L25	8.96	N61°56'08"W
L26	17.30	N58°03'52"E
L27	136.25	N61°56'08"W
L28	20.32	S58°03'52"W
L29	36.21	N13°25'07"E
L30	71.81	N27°52'57"E
L31	57.40	N27°52'57"E
L32	7.32	N62°04'26"W

CURVE	LENGTH	RADIUS	TANGENT	DELTA
C1	3.00	3.00	1.70	59°06'54"
C2	4.59	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	2.50	11°24'02"
C22	4.80	25.00	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"

104721 104895



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" X 2" 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.

PROFESSIONAL ENGINEER STATE OF NEVADA
DARIN J. PAPA
Exp: 12/21/07
CIVIL
No. 15815

CITY OF LAS VEGAS
2727 SOUTH RAINBOW BOULEVARD
LAS VEGAS, NEVADA 89146-3148
PH: (702) 873-7550 FAX: (702) 342-2897
WWW.VTMV.COM

CONSULTING ENGINEERS PLANNERS & SURVEYORS

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

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
PROJECT NO.: 6716
SHEET NO.: GR3
DRAWING NO.: CLV# 513-65E