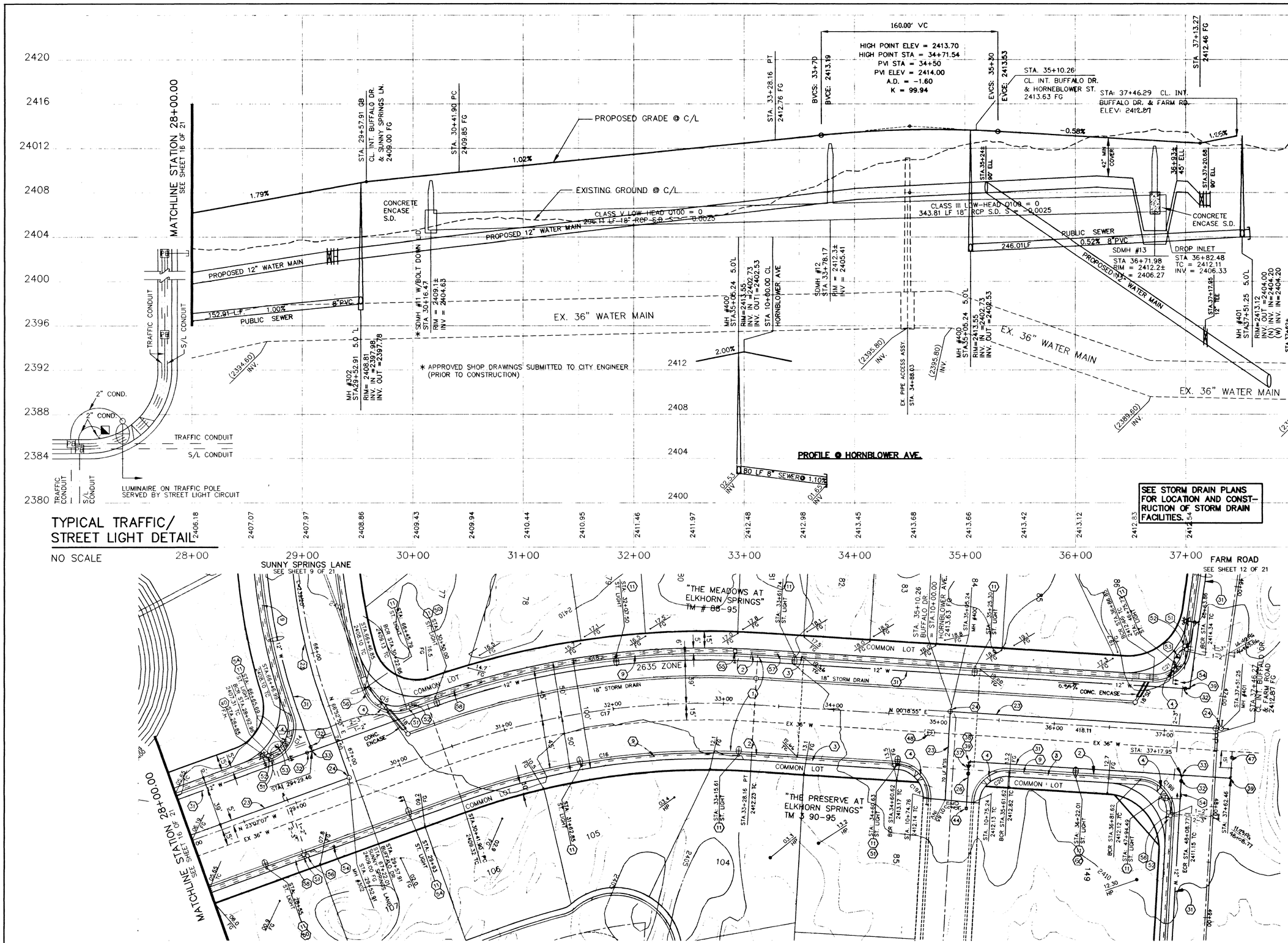

CONSTRUCTION NOTES :

ITEM NO.	DESCRIPTION
1	4" A.C. OVER 4" TYPE II A.B. OVER 9" TYPE I A.B.
2	24" "L" TYPE CURB AND GUTTER
3	5' SIDEWALK
4	WHEELCHAIR RAMP
9	2" STREET LIGHT CONDUIT
11	250W HPS STREET LIGHT/BUFFALO DR. 200W HPS STREET LIGHT/SUNNY SPRINGS LN.
23	8" SEWER MAIN (PUBLIC)
24	4' DIA. SEWER MANHOLE
26	8" PVC WATER MAIN
31	12" PVC WATER MAIN
32	12" GATE VALVE
33	12" x 12" TEE W/ THRUST BLOCK
36	12"x 8" TEE w/ THRUST BLOCK
37	8" GATE VALVE
38	12" x 8" REDUCER
39	12" 90° ELL
40	FIRE HYDRANT ASSY.
44	CAP 8" WATER & 2" B.O. 5' BEYOND CURB
47	CONNECT TO EX. 12" VALVED OUTLET
48	AJUST EX. MANHOLE TO GRADE
50	PHOTO EYE
51	NO. 3-1/2 PULLBOX
52	NO. 7 PULLBOX
53	200 A METER PEDESTAL W/ 2 - 2p-60 AMP CIRCUIT BREAKER 1 - 1p15 AMP CIRCUIT BREAKER 2 - 2p 60 AMP CONTACTORS 1 - BI-PASS SWITCH PER CONTACTORS
54	"L" FOUNDATION W/ ADAPTER PLATE TO STAND POLE
55	NO. 3-1/2 PULLBOX W/ STUB UNDER CURB & GUTTER
56	NO. 5 PULLBOX
57	3" INTERCONNECT CONDUIT
58	2" FUTURE LOOP

NO.	DATE	BY	APPV'D	REVISION DESCRIPTION

PROFESSIONAL ENGINEER STATE OF NEVADA
MARK E. JONES
No. 6894
STAMP DATE 7/30/96

SOUTHWEST ENGINEERING
LAND PLANNING • MAPPING • DEVELOPMENT
5426 W. VEGAS DRIVE
LAS VEGAS, NEVADA 89108
(702) 648-9700

TITLE: STREET/SEWER PLAN & PROFILE
PROJECT: BUFFALO DRIVE ELKHORN SPRINGS PHASE II

WORK ORDER NO: 950925
DESIGN BY: E. VIRREY
DATE: 04/16/96
SCALE: 1" = 40'
CADFILE: BUFFPP-B.DWG
SHEET 17 OF 21 SHEETS

CENTERLINE & BACK OF CURB TABLE

CURVE	RADIUS	DELTA	TANGENT	LENGTH
C14	30.00'	89°56'56"	29.97'	47.10'
C15	30.00'	90°03'59"	30.03'	47.16'
C16	655.00'	23°26'02"	135.85'	267.89'
C17	700.00'	23°26'02"	145.18'	286.30'
C18	745.00'	23°26'02"	154.51'	304.70'
C19	30.00'	89°43'37"	29.86'	46.98'
C20	30.00'	90°16'23"	30.14'	47.27'
C21	30.00'	85°35'46"	27.78'	44.82'

S/W RAMP DATA	
● C14	● C15
A = 4.5'	A = 8.0'
B = 9.5'	B = 8.0'
Z = 2.75"	Z = 2.75"

S/W RAMP DATA	
● C19A	● C20
A = 4.5'	A = 9.5'
B = 9.5'	B = 4.5'
Y = 2.75"	Y = 2.75"

S/W RAMP DATA	
● C19B	● C21
A = 8.0'	A = 4.5'
B = 8.0'	B = 21.5'
Y = 2.75"	Y = 2.75"

NOTICE TO CONTRACTOR !

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY.
CALL before you DIG
1-800-227-2600
UNDERGROUND SERVICE (USA)

GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.

BENCHMARK

PROJECT DATUM=NGVD29 NO.14, STATION 1LV9021N6 3" BRASS CAP USC & GS BM #113 3/4 MILE NORTH OF 1LV9028NNE6, 50' (FT.) EAST OF OLD RAILROAD BED
ELEVATION = 2452.515 EQUATION ELEVATION = 2452.515 + 2.401' = 2454.916
(TO NAVD88) (747.5266m + 0.7318m = 748.2584m)

APPROVED FOR CONSTRUCTION
1st Mtg 11-12-96
5/12/96
LVVWD DATE

24533 7619 11-8-112 RS 107Y-4299-2