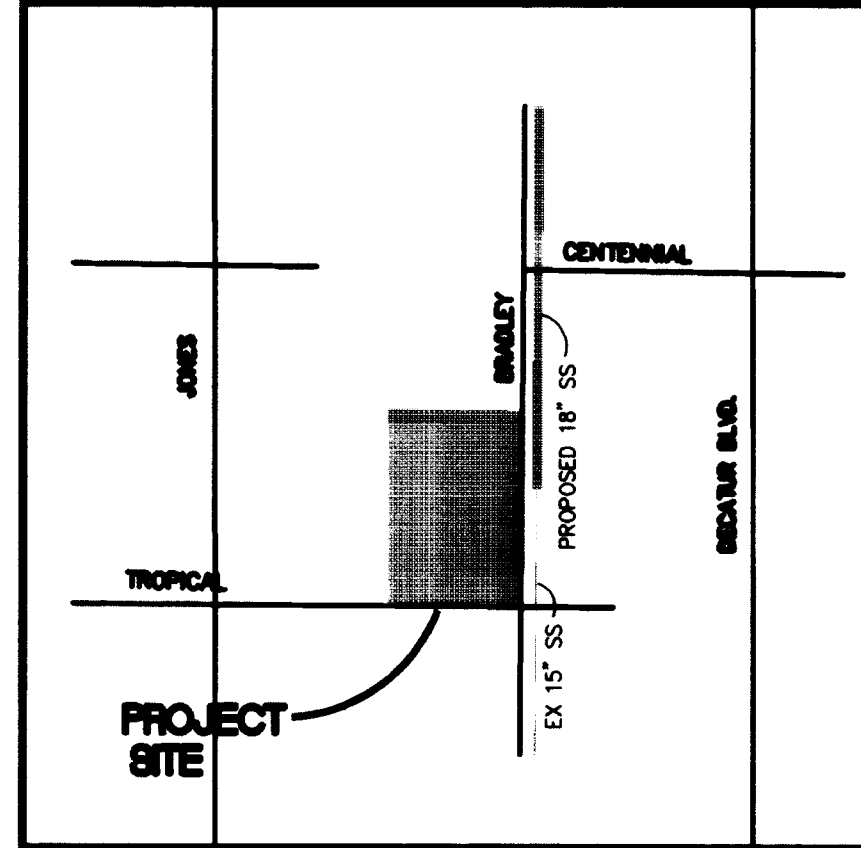


EASEMENT NOTE:

ALL STREETS HERE ARE DESIGNATED AS PRIVATE STREETS, PUBLIC UTILITY EASEMENTS, PUBLIC SEWER EASEMENTS, PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED UNLESS OTHERWISE NOTED. SEE FINAL MAP OF EAGLE CREEK ESTATES NORTH UNIT 1.

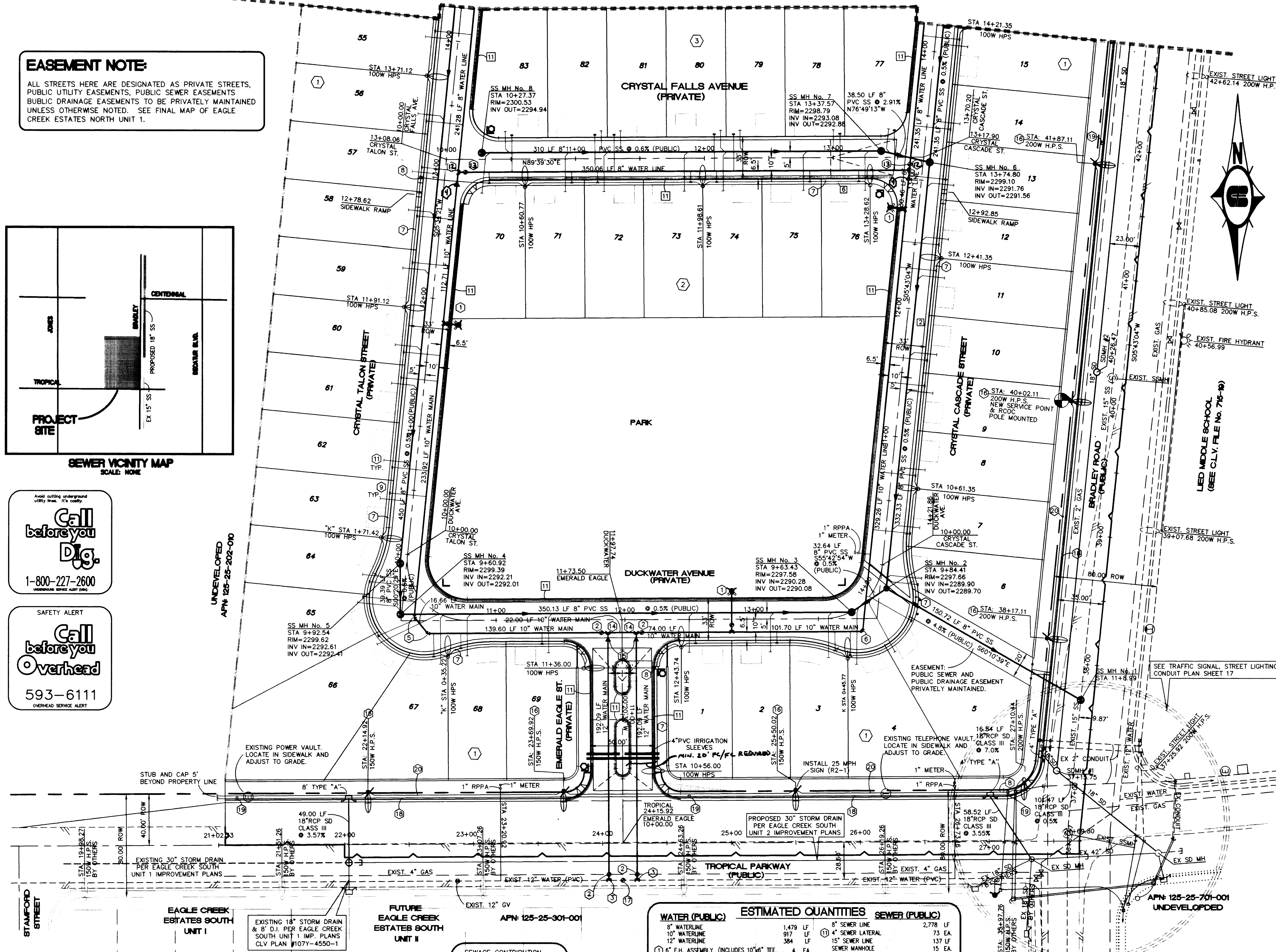


SEWER VICINITY MAP
SCALE: NONE

Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

SAFETY ALERT
Call before you Overhead
593-6111
OVERHEAD SERVICE ALERT

MATCHLINE SEE SHEET 6



FIRE FLOW DATA

FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.
BASED ON SQUARE FOOTAGE AREA 1775
LARGEST AREA BETWEEN AREA SEPARATION N/A
HEIGHT ONE STORY
TYPE OF CONSTRUCTION 5N
EXPOSURES 10' MIN.
SPRINKLER SYSTEM NONE
OCCUPANCY SINGLE FAMILY
ROOF CONSTRUCTION TILE

SEWAGE CONTRIBUTION

73 RESIDENTIAL UNITS
AVG FLOW = 0.018 MGD
PEAK FLOW = 0.057 MGD

SERVICE LATERALS FOR 10' LANDSCAPE AREA ALONG TROPICAL PARKWAY AND BRADLEY ROAD WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE L.V.W.D.

FIRE HYDRANT INSTALLATION

FIRE HYDRANT(S) TO BE INSTALLED IN ACCORDANCE WITH THE UDAC'S STANDARD PLATE NO. 7

WATER (PUBLIC)		ESTIMATED QUANTITIES		SEWER (PUBLIC)	
8" WATERLINE	1,479 LF	8" SEWER LINE	2,778 LF	8" SEWER LINE	73 EA
10" WATERLINE	917 LF	4" SEWER LATERAL	157 LF	15" SEWER LINE	15 EA
12" WATERLINE	384 LF	15" SEWER LINE	157 LF	SEWER MANHOLE	15 EA
① 6" F.H. ASSEMBLY (INCLUDES 10"x6" TEE AND 6" GATE VALVE)	4 EA	100 WATT STREETLIGHT	19 EA	① 1/2" PULLBOX	2 EA
② 10" GATE VALVE	10 EA	② 1/2" CONDUIT WITH 2 #4 AND 1 #8 CONDUCTOR	2,220 LF	NEW SERVICE POINT	1 EA
③ 12" MECHANICAL JOINT TAPPING SLEEVE W/ 12" TAPPING VALVE	2 EA	STREET LIGHT (PRIVATE)		STREET LIGHT (PUBLIC)	
④ 10"x8" REDUCER	6 EA	① 12"x18" STREET LIGHT	7 EA	150W STREETLIGHT	5 EA
⑤ 10" 45° BEND WITH THRUST BLOCK	2 EA	② 20W STREETLIGHT	5 EA	2" PVC CONDUIT (WITH PULLSTRINGS) FOR FUTURE TRAFFIC SIGNAL INTERCONNECT WITH #5 PULLBOXES	1,219 LF
⑥ 10" 90° BEND WITH THRUST BLOCK	1 EA	③ 1/2" PULLBOX	6 EA	④ 1/4" CONDUIT WITH 2 #4 AND 1 #8 CONDUCTOR	1,219 LF
⑦ 1" WATER SERVICE W/ 3/4" METER	69 EA	STORM DRAIN (PUBLIC)		18" STORM DRAIN	1,554 LF
⑧ 1" RPPA	3 EA	STORM DRAIN MANHOLE	4 EA		
⑨ BLOW OFF	1 EA				
⑩ 12" VALVE (CUT-IN VALVE)	1 EA				
⑪ 8"x8"x8" TEE WITH THRUST BLOCK	2 EA				
⑫ 8" GATE VALVE	10 EA				
⑬ 10"x10"x10" TEE WITH THRUST BLOCK	2 EA				
⑭ 12"x10" REDUCER	2 EA				
⑮ 11" PARKING (PAINT CURB RED)					

REDUCED PRESSURE PRINCIPLE ASSEMBLY

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDAC'S PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

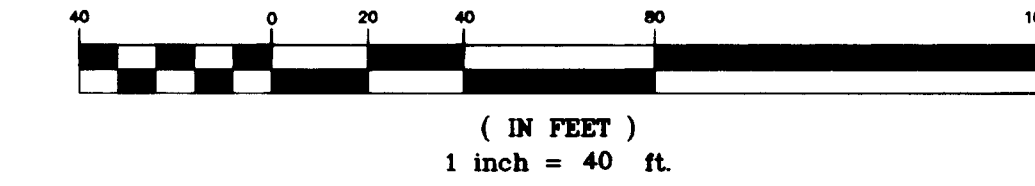
BASIS OF BEARING

NORTH 88°46'05" EAST BEING THE CENTERLINE OF AZURE DRIVE AS SHOWN ON RECORDS OF SURVEY FILE 52 PAGE 70 AND FILE 90 PAGE 44 IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK #23 1LV9025N4 BEING AN ALCAP ON REBAR AT THE CENTERLINE INTERSECTION OF CENTENNIAL PKWY. AND BRADLEY ROAD.
NAVD88 ELEVATION: 2302.77' = 701.8865 METERS

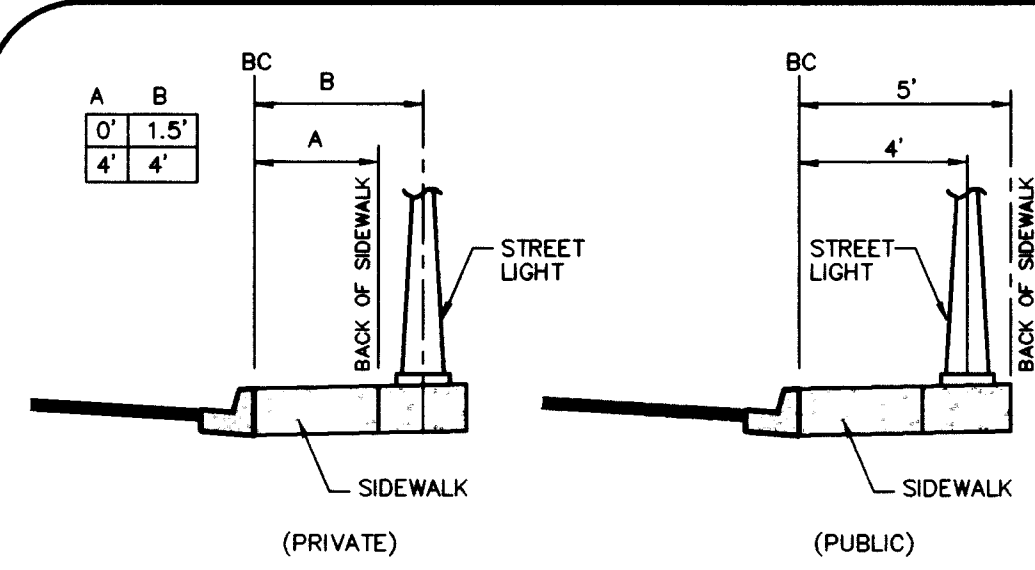
GRAPHIC SCALE



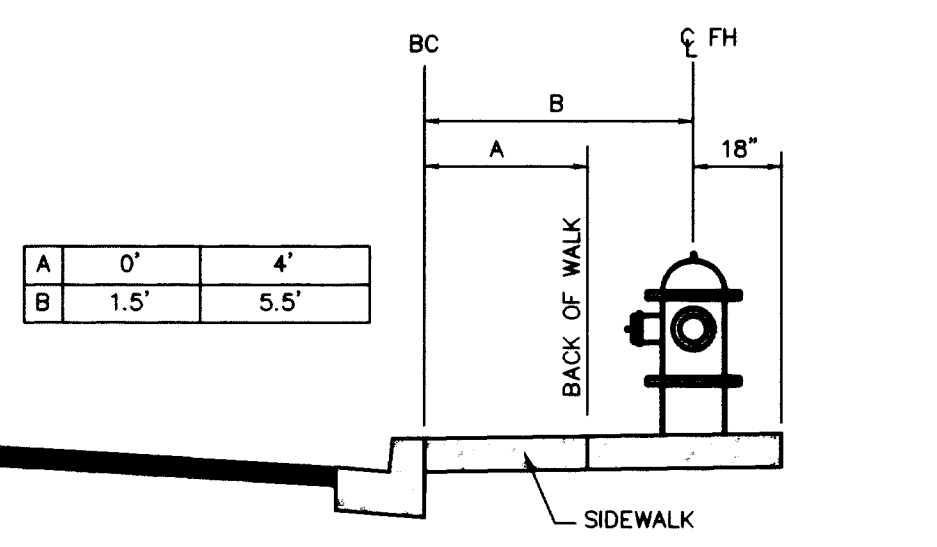
APPROVALS

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS. *10/9/98* DATE

10/9/98 DATE
LAS VEGAS VALLEY WATER DISTRICT



TYPICAL STREET LIGHT
LOCATION DETAIL



TYPICAL FIRE HYDRANT DETAIL
LOCATION DETAIL

LOT NUMBER	DRIVEWAY CENTERLINE STATION	SEWER LATERAL STATION	WATER LATERAL STATION
1	12+67.74	12+54.74	12+49.74
2	12+97.74	13+17.74	13+22.74
3	"K" 0+15.24	"K" 0+30.00	"K" 0+35.28
4	"K" 0+61.68	"K" 0+52.80	"K" 0+47.80
5	"K" 0+89.98	"K" 0+98.67	"K" 1+03.68
6	"K" 1+48.37	"K" 1+35.00	"K" 1+30.00
7	10+46.35	10+26.35	10+21.35
8	10+91.35	10+71.35	10+66.35
9	11+21.35	11+41.35	11+46.35
10	11+63.35	11+61.35	11+56.35
11	12+13.35	12+31.35	12+36.35
12	12+71.35	12+51.35	12+46.35
13	12+88.41	12+68.41	12+63.41
14	13+61.35	13+46.35	13+41.35
15	14+91.35	14+11.35	14+16.35
16	13+86.12	14+06.12	14+11.12
17	13+56.12	13+36.12	13+31.12
18	13+11.62	12+96.12	13+00.12
19	12+51.12	12+61.12	12+57.12
20	12+06.12	12+26.12	12+21.12
21	11+76.12	11+56.12	11+51.12
22	11+16.12	11+36.12	11+41.12
23	10+76.12	10+66.12	10+61.12
24	10+26.12	10+46.12	10+51.12
25	"K" 1+55.13	"K" 1+36.00	"K" 1+30.22
26	"K" 1+05.22	"K" 1+17.22	"K" 1+22.22
27	"K" 0+85.22	"K" 0+73.22	"K" 0+68.22
28	"K" 0+55.22	"K" 0+44.22	"K" 0+38.22
29	"K" 0+04.49	"K" 0+25.22	"K" 0+30.22
30	11+22.62	11+35.62	11+40.62
31	10+45.77	10+32.77	10+27.77
32	10+75.77	10+56.77	10+51.77
33	11+17.72	11+17.72	11+17.72
34	11+67.66	11+88.61	11+93.61
35	12+08.61	12+08.61	12+08.61
36	12+59.55	12+80.50	12+85.50
37	13+05.50	13+18.50	13+23.50
38	13+24.00	13+37.00	13+42.00
39	12+71.93	12+89.00	12+94.00
40	12+47.93	12+28.86	12+21.86
41	11+85.79	12+06.86	12+11.86
42	11+34.72	11+55.79	11+29.72
43	10+93.66	11+14.72	11+19.72
44	10+63.66	10+50.66	10+45.66

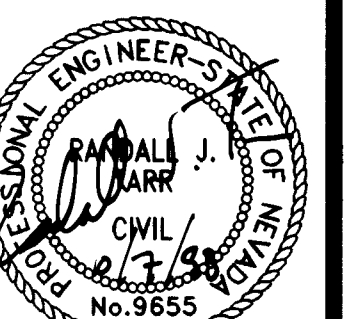
Pulte Homes
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Construction Management, and Related Services
(702) 798-1007 Fax (702) 798-7056

UTILITY PLAN
1 OF 2

PULTE HOMES
EAGLE CREEK ESTATES NORTH
UNIT 1

DRAWN BY: JL
DESIGNED BY: JL
CHECKED BY: MT
PROJECT NO: 8903000
SCALE: 1"=40'
N/A



SHEET
5 OF 7 SHEETS
DRAWING NO.
307 Y-457-1

