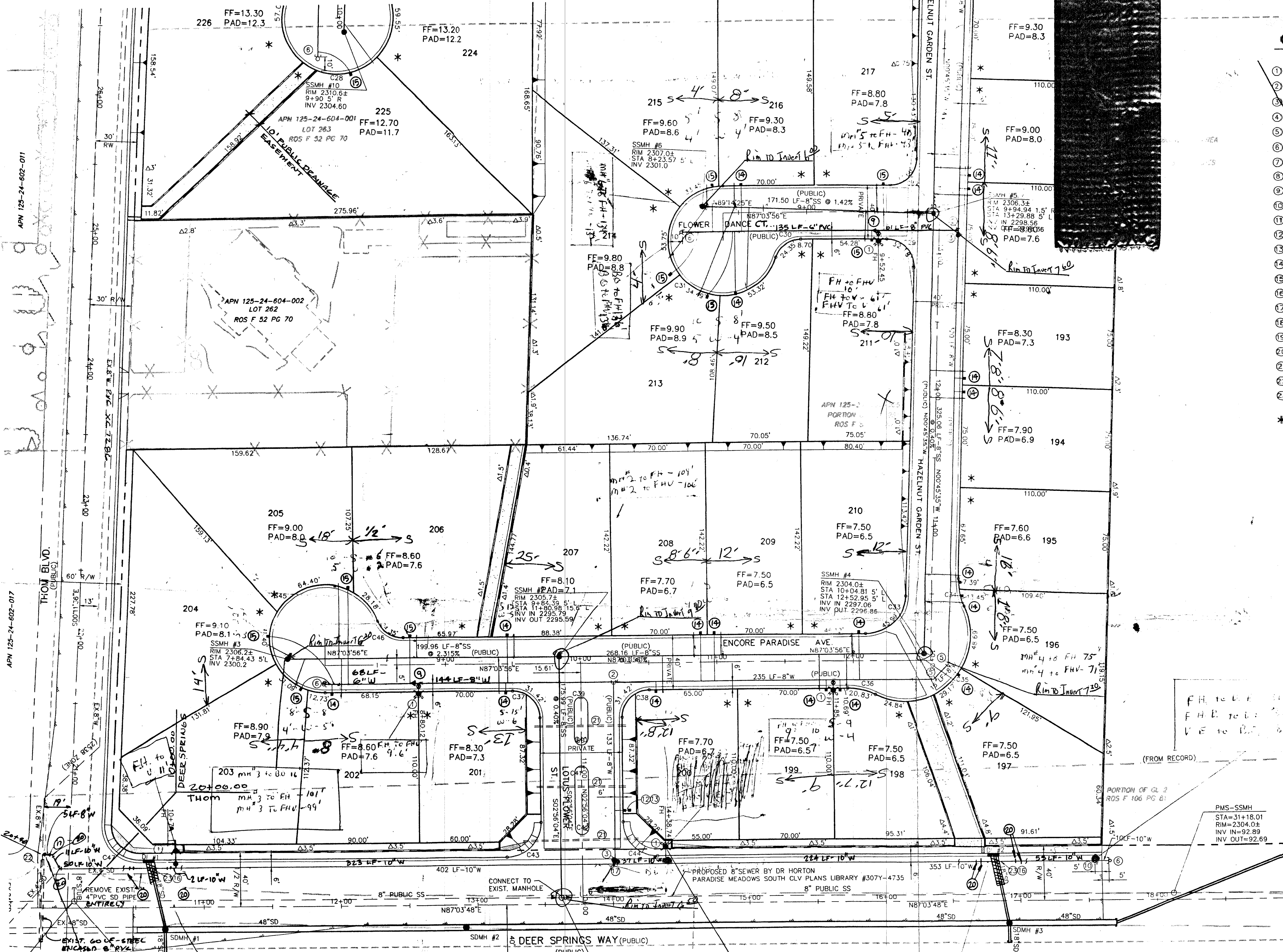
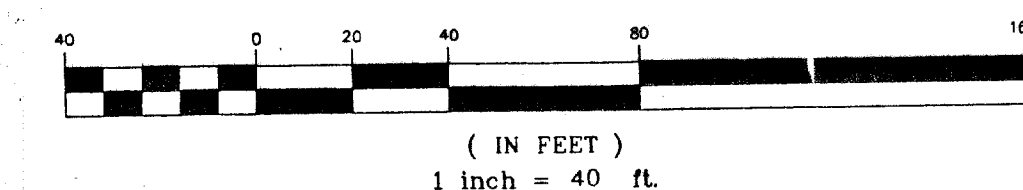




CONSTRUCTION NOTES

1. STD. FIRE HYD. W/ASSY. PER UDACS PLATE 7
 2. 8" TEE PER UDACS PLATE 5
 3. 8" GATE VALVE PER UDACS PLATE 4
 4. 2" 90° BEND PER UDACS PLATE 5
 5. 8" 45° BEND PER UDACS PLATE 5
 6. 2" BLOW OFF ASSEMBLY PER UDACS PLATE 4
 7. 12" 45° BEND PER UDACS PLATE 5
 8. 10" TEE PER UDACS PLATE 5
 9. 8"x6" REDUCER PER UDACS PLATE 5
 10. 10" GATE VALVE PER UDACS PLATE 8
 11. 12" GATE VALVE PER UDACS PLATE 8
 12. 3/4" METER
 13. 1" RPPA
 14. 1" TYPE 'K' COPPER SERVICE PER UDACS PLATE 1B
 15. 1" TYPE 'K' COPPER SERVICE PER UDACS PLATE 1D
 16. DIP WATER LINE SEE PROFILE SHEET 4, SECTION J-J
 17. 10"x8" REDUCER
 18. 10" 90° BEND PER UDACS PLATE 5
 19. 10" 45° BEND PER UDACS PLATE 5
 20. 3" PVC CONDUITS
 21. 8"x8" TAPPING SLEEVE AND 8" TAPPING VALVE
 22. SLURRY ENCASE STORM DRAIN 10' FROM EACH SIDE OF WATER LINE PER UDACS 2.19.02.B3
- * DENOTES DRIVEWAY LOCATION

GRAPHIC SCALE



NOTE: INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACK-FLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

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

SEWER CONTRIBUTION

SINGLE FAMILY, ERU = 1.0 P.F. CURVE G
AVG: 59 UNITS X 250 FPD X 1 ERU = 14,750 GPD
14,750 GPD = 0.1475 MGD
PEAK FACTOR=3.2 FROM TABLE C
PEAK FLOW CONTRIBUTION: .01475 X 3.2 = .0472 MGD

ALL LOTS: THIS PROPERTY MAY HAVE STATIC PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE) PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRIVATE ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

BASIS OF BEARINGS

NORTH 00°06'17"EAST BEING THE EAST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 19, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN FILE 57 OF SURVEYS PAGE 05.

BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL
CITY OF NORTH LAS VEGAS BM #519116 SW COR OF WATER DISTRICT FENCE, DECATUR BLVD & DEER SPRINGS WAY.

STATION 1LV90
24E4
ELEVATION= 701.4356 METERS (NAVD83)
2301.306 FEET

CLV BENCHMARK
CITY OF LAS VEGAS VERTICAL CONTROL
BRASS CAP IN CONCRETE AT DECATUR BLVD & DEER SPRINGS (CNLV519116)

STATION 1LV90
24E4
AS OF JUNE 3, 2002
ELEVATION= 701.3667 METERS (NAVD83)
2301.07 FEET

PROJECT BM = CLV BM+0.24'

APPROVALS

DATE: 12-06-02
SCALE: 1"=40'
CADD: pml/p
SHEET 18 OF 25 SHEETS
DATE: 3/24/03

NOTICE TO CONTRACTOR !

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE 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.

50465 72111

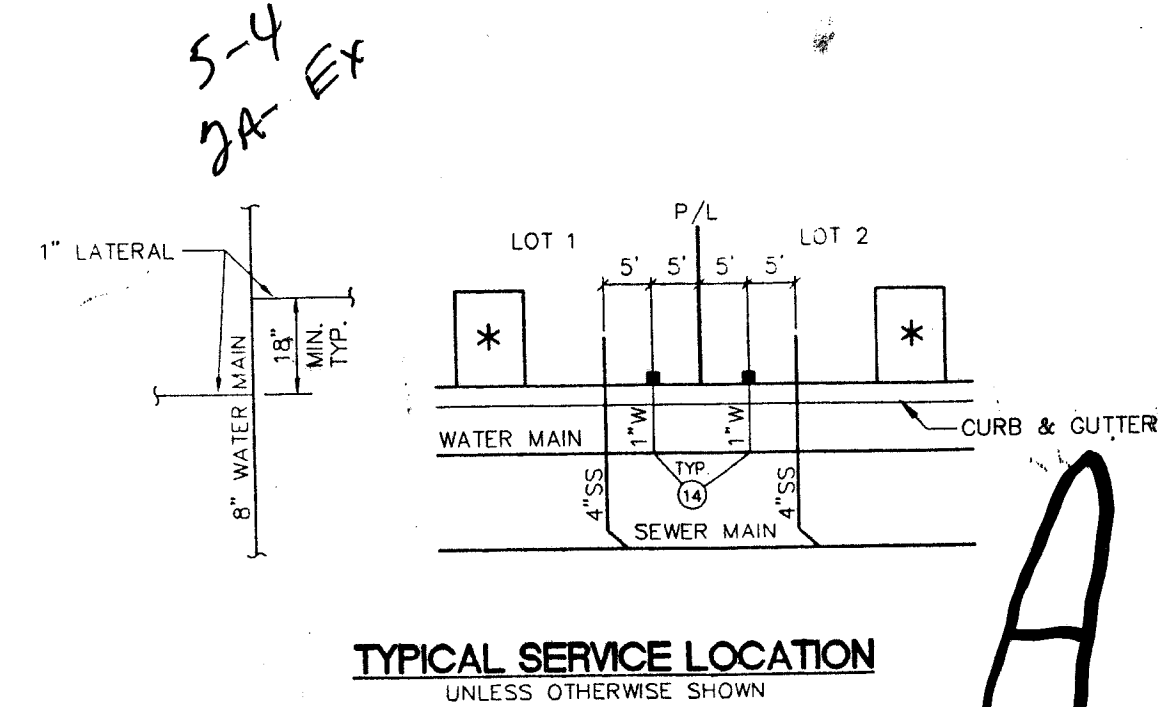
CALL before you Dig

1-800-227-2600
UNDERGROUND SERVICE (USA)

CALL BEFORE YOU DIG OVERHEAD

CALL 1-702-593-6111

SEWER MANHOLE TABLE						
MH NO.	RIM ELEV.	INV. IN.	INV. OUT.	STATION	NORTHING	EASTING
1	2305.7	2294.89	2294.59	10+05.00	4315.9758	8763.4367
2	2305.7	2295.79	2295.59	9+84.39	4491.7306	8754.4273
3	2306.2	N/A	2300.20	7+84.43	4481.4939	8554.7311
4	2304.0	2297.06	2296.86	10+04.81	4505.4588	9022.2364
5	2306.3	2298.56	2298.36	9+94.94	4830.4936	9017.9260
6	2307.0	N/A	2301.00	8+23.57	4828.2196	8846.4421
7	2308.1	2300.07	2299.87	14+48.47	5159.8075	9013.5589
8	2309.8	2301.31	2301.11	9+94.79	5156.3599	8753.5818
9	2311.2	2303.38	2303.18	11+42.35	5145.8804	8570.0938
10	2310.6	N/A	2304.6	9+90.00	4944.1242	8577.5097
11	2311.1	2302.81	2302.61	9+95.20	5483.7431	8749.2403
12	2309.9	N/A	2304.63	11+00.21	5500.3734	9053.7915



ASBUILT

KEYMAP

GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.

REduced Pressure Principle Assembly (1) 1"

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BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL
CITY OF NORTH LAS VEGAS BM #519116 SW COR OF WATER DISTRICT FENCE, DECATUR BLVD & DEER SPRINGS WAY.

APPROVALS

DATE: 12-06-02
SCALE: 1"=40'
CADD: pml/p
SHEET 18 OF 25 SHEETS
DATE: 3/24/03

PROJECT

PARADISE MEADOWS ENCORE
CITY OF LAS VEGAS

WORK ORDER NO.

020206

DESIGN BY:

CP

DATE:

12-06-02

SCALE:

1"=40'

CADD:

pml/p

SHEET

18 OF 25 SHEETS

DATE:

3/24/03

PROJECT

PARADISE MEADOWS ENCORE

DATE:

3/24/03

PROJECT

PARADISE MEADOWS ENCORE

DATE:

3/24/03