

STREET LIGHT NOTES

All street light installations except as noted on the street lighting plans shall conform to the Improvement Standards, Department of Public Works, Clark County Nevada, and the Uniform Standard Specifications for Public Works Construction, Off-site Improvements, Clark County, Nevada. New service required, poles to be galvanized.

APPROVALS

FIRE DEPARTMENT _____ DATE _____
LVVWD _____ DATE _____

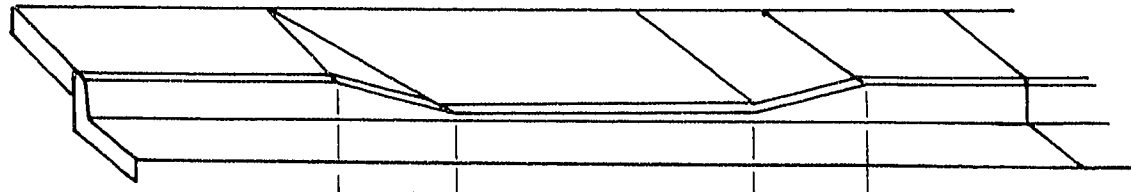
CONSTRUCTION NOTES

- 1 TYPE 'U' CURB AND GUTTER PER C.C.P.W. STD. DWG. NO. 120.
- 2 3.5 SIDEWALK PER C.C.P.W. STD. DWG. NO. 119
- 3 INSTALL STREET LIGHTS PER C.C.P.W.
- 4 INSTALL STREET LIGHT CONDUIT PER C.C.P.W.
- 5 REMOVE EXISTING ASPHALT PAVING AND BASE COURSE. REPLACE WITH SOIL SUITABLE FOR PLANTING.
- 6 CONSTRUCT RESIDENTIAL DRIVEWAY ENTRANCES AT LOCATIONS SHOWN ON DETAIL AT RIGHT. CUL-DE-SAC DRIVEWAY LOCATIONS ARE BASED ON BACK OF CURB STATIONING.
- 7 REMOVE EXISTING WALL.
- 8 INSTALL TYPE 111 SURVEY MONUMENT PER C.C.P.W. STD. DWG. 410.
- 9 ABANDON EXISTING 6" MAIN AND SERVICE LATERALS. INSTALL NEW 6" MAIN AND NEW SERVICE LATERALS TO ALL LOTS. CONTRACTOR TO COORDINATE WITH PROPERTY OWNERS ON INSTALLATION OF SERVICE LATERALS. CONTRACTOR TO CONNECT TO ONSITE HOUSE PLUMBING.

BENCHMARK

ALUMINUM CAP AT THE S.E. CORNER OF MICHAEL WAY & VEGAS DRIVE.
BENCHMARK NO. 06025A3
ELEVATION = 2238.73

NOTE:
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. CALL BEFORE YOU DIG: 1-800-227-2600.



NOTE:
STATIONING IS TO CENTERLINE UNLESS OTHERWISE NOTED.

RESIDENTIAL DRIVEWAY
CCP.W. STD. DWG. 114

LOT NUMBER	BEGIN DRIVE STA ①	END DRIVE STA ②	DRIVE WIDTH ③
1	0+91.09	1+07.09	16'
2	1+33.09	1+51.09	18'
3	2+25.09	2+43.09	18'
4	2+71.09	2+89.09	18'
5	3+63.31	3+81.31	18'
6	4+06.81	4+18.81	12'
7	4+81.72	4+98.72	18'
8	5+41.23	5+54.23	13'
9	5+96.65	6+09.65	13'
10	6+49.65	6+67.65	18'
11	6+95.65	7+13.65	18'
12	7+87.65	8+05.65	18'
13	8+57.65	8+72.65	15'
14	9+71.97	9+89.97	18'
N.A.P. 1	10+49.68	10+64.68	15'
15	10+91.68	11+09.68	18'
N.A.P. 2	11+48.14	11+59.14	11'
16	12+59.93 LT. B/C	12+77.93 LT. B/C	18'
N.A.P. 3	12+87.93 LT. B/C	13+03.93 LT. B/C	16'
N.A.P. 4	12+98.93 RT. B/C	13+16.93 RT. B/C	18'
17	12+59.93 RT. B/C	12+77.93 RT. B/C	18'
N.A.P. 5	11+61.89	11+76.89	15'
18	10+63.82	11+01.82	18'
19	10+44.82	10+60.82	16'
20	9+33.00	9+51.00	18'
21	8+92.00	9+10.00	18'
22	8+15.49	8+33.49	18'
23	7+14.21	7+30.21	16'
24	6+54.61	6+72.61	18'
25	6+12.61	6+30.61	18'
26	5+21.41	5+37.41	16'
27	4+81.41	4+97.41	16'
28	3+88.21	4+04.21	16'
29	3+48.21	3+64.21	16'
30	2+55.01	2+71.01	16'
31	2+15.01	2+31.01	16'
32	1+21.81	1+37.81	16'
	0+81.81	0+97.81	16'

NOTE: CONSTRUCT CURB CUT AND DRIVEWAY APRON FOR LOTS ON THE EAST SIDE OF WINWOOD STREET AND IN CUL-DE-SAC.

WATER AND SEWER NOTES

- 1 MAINTAIN 11 FEET MINIMUM HORIZONTAL SEPARATION BETWEEN SEWER AND WATER SERVICES.
- 2 SANITARY SEWER SERVICES SHALL BE INSTALLED PER LAS VEGAS SANITATION DISTRICT STANDARDS.
- 3 WATER SERVICES SHALL BE INSTALLED PER LAS VEGAS VALLEY WATER DISTRICT STANDARDS.
- 4 ALL STATIONING FOR SEWER AND WATER SERVICES IS BASED ON CENTERLINE STATIONING.

NOTE

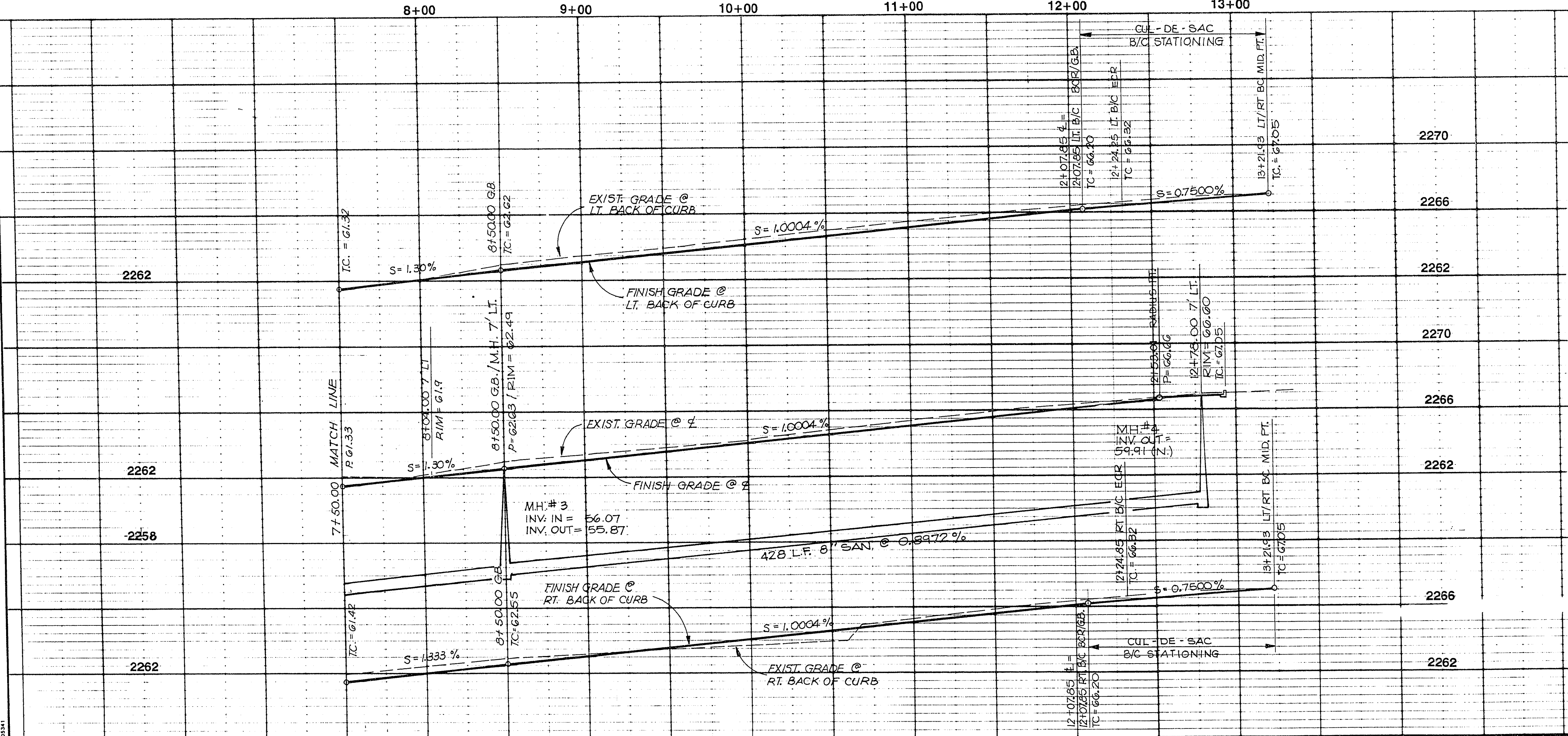
N.A.P. INDICATES A LOT WITH AN EXISTING STRUCTURE AND IS "NOT A PART" OF THESE PLANS OR THE PLAT FOR WINWOOD KNOLLS.

CURVE DATA (Back of Curb)

No.	Radius	Δ	Length	Tangent
①	19.50'	48° 11' 22"	16.40'	8.72'
②	40.50'	276° 22' 46"	195.36'	—

WINWOOD STREET

SCALE 1"=40' HORIZ.
1"=4' VERT.



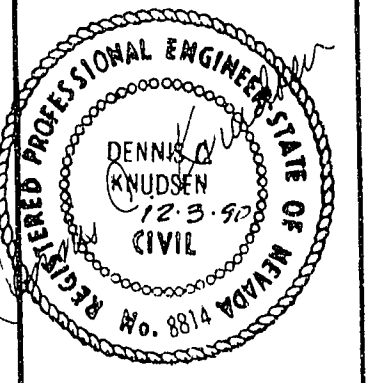
- LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES
- 1. NO WORK SHALL BEGIN ON THE WATER PLANS UNTIL THEY HAVE BEEN RELEASED FOR CONSTRUCTION BY LVVWD. FOLLOWING APPROVAL OF THE PLANS, NOTICE SHALL BE GIVEN TO THE LVVWD CUSTOMER SERVICE DEPARTMENT (870-4194) 48 HOURS PRIOR TO ACTUAL CONSTRUCTION, AND 24 HOURS PRIOR TO AN INSPECTION.
 - 2. CALL BEFORE YOU DIG 1-800-227-2600.
 - 3. ALL WORK SHALL CONFORM TO LVVWD LATEST STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS.
 - 4. ALL WORK, EXCEPT AS MODIFIED HEREON OR BY NOTE 3, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR ADDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENTS, CLARK COUNTY AREA.
 - 5. DISTRICT APPROVED SERVICE SADDLES OR TAPPED COLLARS SHALL BE REQUIRED ON ALL 3/4" AND 1" SERVICE LATERALS. SERVICE SADDLES ONLY SHALL BE PERMITTED ON 1-1/2" SERVICE LATERALS. DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
 - 6. COPPER SERVICE LATERALS: ALL 3/4" TO 2" SERVICE LATERALS SHALL BE OF COPPER TUBING IN ACCORDANCE WITH THE DISTRICT'S SPECIFICATIONS AND STANDARD PLATES.
 - 7. THE MAXIMUM ALLOWABLE JOINT DEFLECTION FOR ACP AND DUCTILE IRON PIPE SHALL BE AS FOLLOWS:

PIPE SIZES	ACP	DUCTILE IRON	DUCTILE IRON MECHANICAL JOINT
6 INCH	2.5 DEGREES	2.5 DEGREES	3.5 DEGREES
8-12 INCH	2.5 "	2.5 "	2.5 "
14-16 INCH	2.0 "	1.5 "	1.5 "
18-24 INCH	-NA-	1.5 "	1.5 "

ON PVC PIPE, THE MAXIMUM OFFSET FOR A 20' LENGTH OF FACTORY BELLED PIPE SHALL BE 16 INCHES FOR 6" PIPE, 12 INCHES FOR 8" PIPE, AND 9 INCHES FOR 10" AND 12" PIPE.
IF THESE OFFSETS CONFLICT WITH THE PIPE MANUFACTURERS RECOMMENDATION, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
 - 8. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
 - 9. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS AND VALLEY GUTTERS.
 - 10. DETECTOR TAPE SHALL BE REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICATED, AND AS FOLLOWS:
 - A) OVER ALL MAINS NOT INSTALLED 6 FEET FROM BACK OF CURB,
 - B) OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAIN.
 - 11. ALL WATER MAINS SHALL BE PRESSURE TEST AT 200 PSI FOR A CONTINUOUS TWO HOUR PERIOD, IN ACCORDANCE WITH DISTRICT STANDARDS.
 - 12. ALL WATER MAINS SHALL BE DISINFECTED, FLUSHED, AND AN ACCEPTABLE HEALTH SAMPLE OBTAINED, PRIOR TO THE CONNECTION OF THE WATER MAIN(S) AND/OR LATERAL(S) TO THE DISTRICT'S SYSTEM.
 - 13. CONTRACTOR TO OBTAIN ALL METERS 2" AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-9152 FORTY-EIGHT (48) HOURS PRIOR TO PICKUP.

REVISIONS

NO.	DESCRIPTION/DATE	BY
1	2/2/91	BS



SPARKS, NEVADA
LAS VEGAS, NEVADA
PHOENIX, ARIZONA
INCORPORATED
S&P
ENGINEERS/PLANNERS

PLAN & PROFILE
WINWOOD KNOLLS
A PORTION OF THE NE 1/4 OF THE NW 1/4 OF SECTION 25,
TOWNSHIP 20 SOUTH, RANGE 60 EAST, MOUNT DIABLO BASE AND MERIDIAN.

JOB NO. 6-0351-01-1
DESIGNED CS
DRAWN GL
COMP.
CHECKED DK
DATE 3/11/91