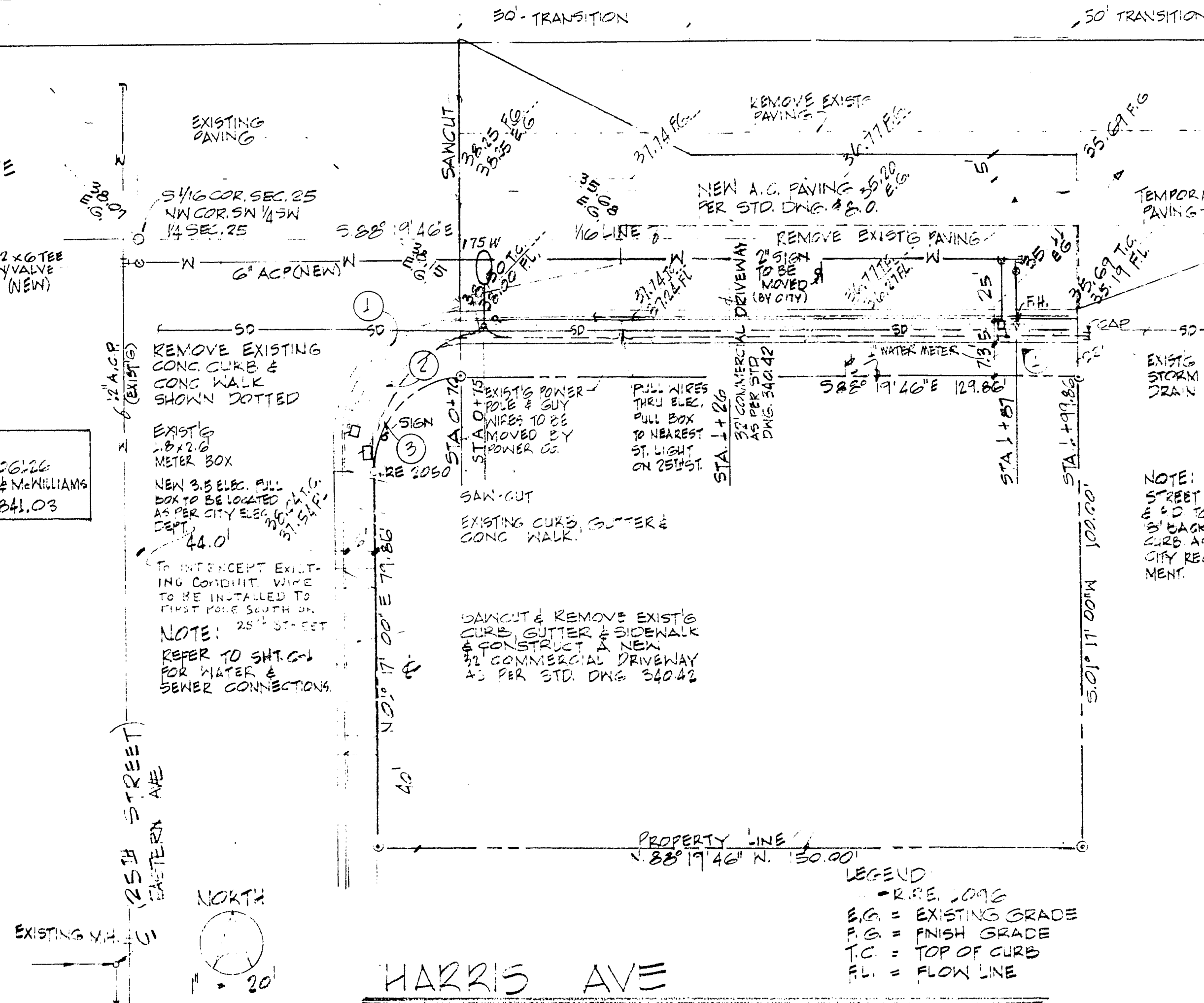


CURVE DATA			
	Δ	R	L
1	90°23'14"	25.00'	39.45'
2	---	20.00'	31.42'
3	90°23'14"	20.00'	31.55'

DATUM:
CLV BM N 56226
D-15 234 & McMillan
AVE. ELEV. 1841.03



STANDARD NOTES FOR STREET LIGHT INSTALLATIONS

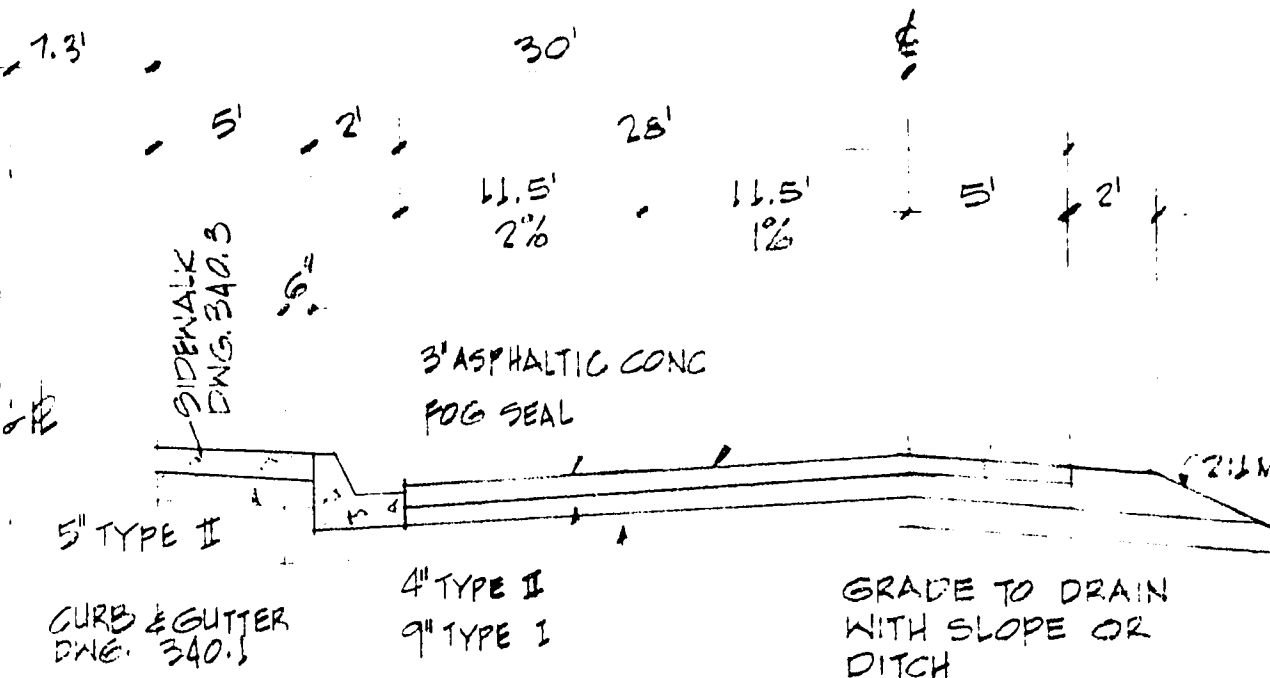
- STREET LIGHTING CIRCUIT SHALL BE MULTIPLE 120/240 V. 3-THREE WIRE.
- CONTROL SHALL BE MULTIPLE RELAY (SOUTHEND) TYPE MK-UG 60 AMP. MK-UG 100 AMP. OR APPROVED EQUAL, COMPLETE W/PHOTO-CELL (PUSHER PERCE #4490-B, OR APPROVED EQUAL) AND EITHER A 60 AMP OR 100 AMP DEPENDING ON LOAD.
- WIRE SHALL BE TWO (2) #12 THN WHITE FOR 60 AMP AND/OR TWO (2) #12 THN & ONE (1) #6 THN WHITE FOR 100 AMP CIRCUIT. ALL WIRE TO BE COPPER.
- LINE FUSES SHALL BE INSTALLED IN BOTH HOT LEGS AND LOCATED IN THE BASE OF POLE. (HEB-AA OR APPROVED EQUAL, FUSED AT 10 AMPS)
- CONDUIT SHALL BE 3/4" PVC SCH. 40 MIN. COVER OF 2 FEET.
- LUMINAIRES SHALL BE MERCURY VAPOR 110/240 V. AS PER CITY OF LAS VEGAS SPEC. WIRED FOR 220 V. OPERATION.
- SERVICE POINT SHALL BE DESIGNATED BY NEVADA POWER CO. & NEVER BE REMOVED. BE LOCATED NEAR THE CENTER OF THE CIRCUIT. NEVADA POWER SIGNATURE NECESSARY ON ALL PRINTS.
- ALL STREET LIGHTING INSTALLATIONS SHALL CONFORM TO CITY OF LAS VEGAS UNIFORM STANDARD DRAWINGS & SPECS.
- ALL STREET LIGHT STANDARDS SHALL BE PLACED BACK OF CURB, TO CENTER OF POLE.
- ELECTRIC SERVICE SHALL BE 100 AMP ON ALL CIRCUITS. WIRING SHALL BE TWO (2) #12 THN COPPER (COLORED), AND ONE (1) #12 THN COPPER (WHITE). FUSES, HOWEVER, SHALL BE EITHER 100 AMP OR 60 AMP DEPENDING ON LOAD. A #12 BARE S.D. COPPER SHALL BE PULLED FROM THE NEUTRAL BAR TO THE POLE GROUND FOR BONDING.
- INCLUDED IN THE SERVICE ENCLOSURE SHALL BE A SINGLE POLE SINGLE THROW SWITCH, 1/2 AMP MIN. FOR MANUAL CONTROL OF THE MULTIPLE RELAY. TWO (2) #12 THN COPPER WIRES TO BE PULLED FROM THE SAFETY SWITCH TO THE ROAD (CITY OF LAS VEGAS WILL CONNECT).
- IT SHALL BE ASSUMED THAT IN THE ABSENCE OF AN EXISTING, NON-RELEASABLE CIRCUIT TO ATTACH TO ALL INSTALLATIONS SHALL REQUIRE A NEW SERVICE FOR OPERATION OF THE CIRCUIT.
- IN THE EVENT THAT LUMINAIRES EQUIPPED W/PHOTO-ELECTRIC RELAY SOCKETS ARE USED WHEN NOT APPLICABLE, APPROVED SHORTING CAP (G.E. #C403603A OR APPROVED EQUAL) WILL BE INSTALLED WHERE NECESSARY FOR PROPER WEATHER PROTECTION OF LUMINAIRES.

STANDARD WATER NOTES

- ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD SPECS. 3-1.
- NOTICE TO BE GIVEN ENG. DEPT. OF LAS VEGAS VALLEY WATER DISTRICT 48 HRS. PRIOR TO ACTUAL CONSTRUCTION.
- SERVICE SADDLES OR TAPPED COLLARS WILL BE REQUIRED ON ALL SERVICES.
- CONTRACTOR TO PROVIDE THRUST BLOCKS AS REQUIRED.
- ALL LINES TO BE PRESSURE TESTED TO 200 P.S.I.
- ALL PLANGED FITTINGS TO BE COATED W/EC-244 & WRAPPED W/10 MIL THICK POLYETHYLENE.
- ALL VALVES BOXED SHALL HAVE CONCRETE COLLARS AT SURFACE OF PAVED AREAS.
- NO OTHER UTILITY LINES MAY BE PLACED IN SAME TRENCH WITH WATER LINE.
- PARALLEL SEWER & WATER LINES SHALL HAVE A MINIMUM OF 10 FT. HORIZONTAL SEPARATION & 5 FEET MIN. VERTICAL SEPARATION ON ALL WATER LINES.
- ALL WORK EXCEPT AS NOTIFIED HEREON, SHALL BE DONE IN ACCORDANCE WITH CLARK COUNTY STANDARD SPECS.
- ALL WATER VALVES SHALL BE OPERATED ONLY UNDER THE DIRECTION OF THE WATER DISTRICT.

GENERAL NOTE

- ALL CONSTRUCTION TO MEET UNIFORM STD. SPECS. FOR CITY OF LAS VEGAS.



TYPICAL 1/2 SECTION STREET HARRIS STREET

ESTIMATED QUANTITIES

SAWCUT	56 LF
TYPE I GRAVEL	139 CY
TYPE I GRAVEL	146 CY
2" A.C. PAVING	454 SY
TEMPORARY A.C. PAVING	147 SY
2" TYPE I CURB & GUTTER	178 LF
5' WIDE SIDEWALK	862 SF
COMMERCIAL DRIVEWAY	2 EA
6" WIDE SIDEWALK CURB & GUTTER	279 SF
(TO BE REMOVED)	
STREET LIGHT	ONE
1" WATER METER	ONE
1" GATE VALVE	ONE

APPROVED BY:

CITY OF LAS VEGAS CITY ENGR.

BY: [Signature]

DATE

CITY OF LAS VEGAS FIELD ENGR.

BY: [Signature]

DATE

CITY OF LAS VEGAS ELEC. DIV.

BY: [Signature]

DATE

NEVADA POWER CO.

BY: [Signature]

DATE

LAS VEGAS VALLEY WATER DIST.

BY: [Signature]

DATE

LAS VEGAS FIRE DEPARTMENT

BY: [Signature]

DATE

CLV ELECTRICAL COORDINATOR

BY: [Signature]

DATE

