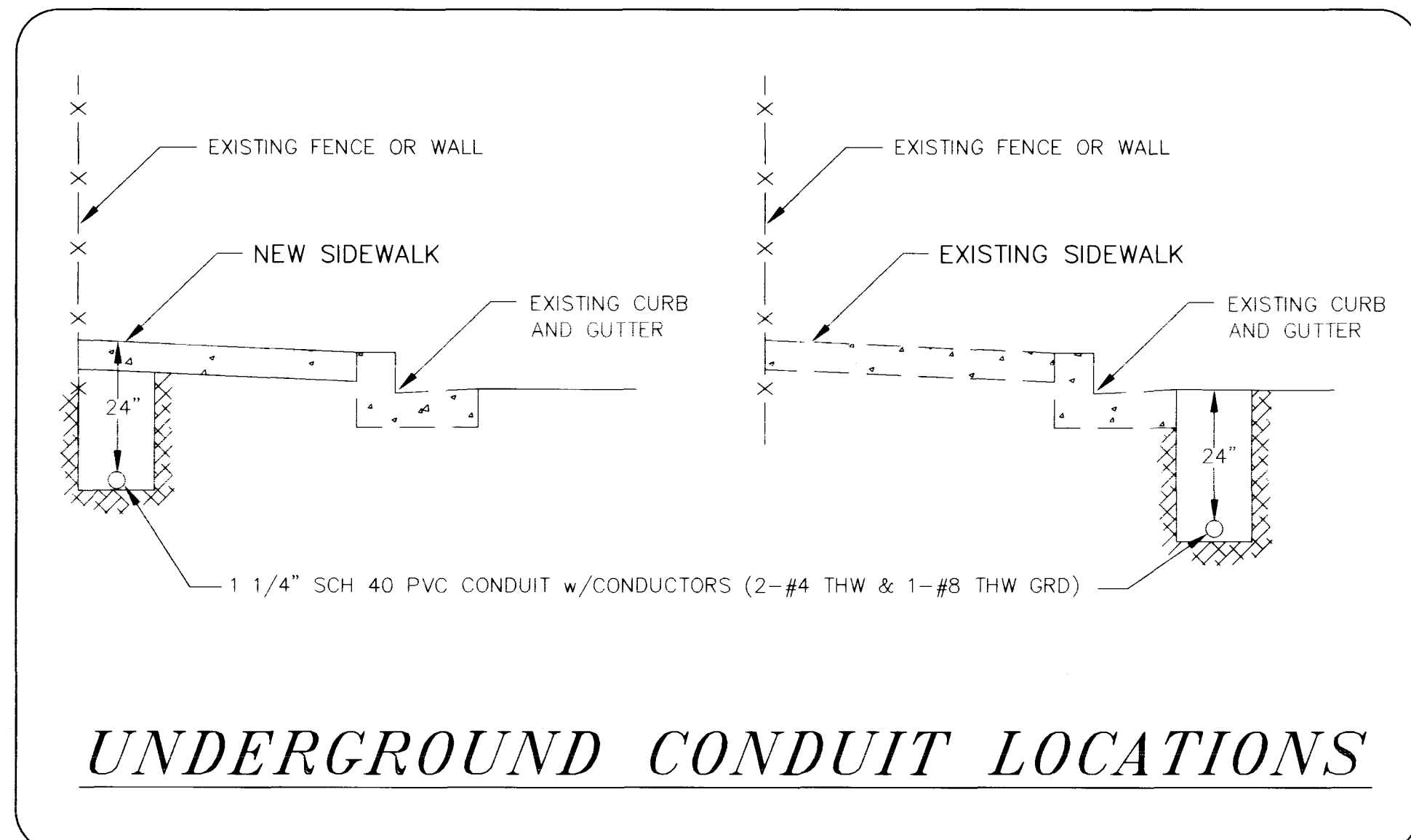


ELECTRICAL SYMBOL LIST			ABBREVIATIONS	
NEW	EXISTING	DESCRIPTION	ABBR.	DESCRIPTION
□	□	PULLBOX, SIZE AS NOTED	ALT	ALTERNATE
⊠	⊠	TRAFFIC SIGNAL CONTROLLER	AL	ALUMINUM
—	—	CONDUIT & WIRE RUN AS NOTED	AWG	AMERICAN WIRE GAUGE
□	□	DETECTOR LOOP	A	AMPERE(S)
+	+	TRAFFIC SIGNAL HEAD WITH BACKPLATE	CKT	CIRCUIT
+	+	PROGRAMMED VISIBILITY TRAFFIC SIGNAL HEAD WITH BACKPLATE	CKT BKR	CIRCUIT BREAKER
⊠	⊠	PEDESTRIAN SIGNAL HEAD	COND	CONDUCTOR
→	→	PEDESTRIAN PUSHBUTTON	C	CONDUIT
□	□	INTERNALLY ILLUMINATED STREET NAME SIGN	CONN	CONNECT
+	+	TRAFFIC SIGNAL MAST ARM	CU	COPPER
•	•	UTILITY POLE	DISC	DISCONNECT
			E.C.	ELECTRICAL CONTRACTOR
			EXIST'G	EXISTING
			F	FUSE
			GRD	GROUND
			KVAR	KILOVAR(S)
			KVA	KILOVOLT AMPERE(S)
			KW	KILOWATT(S)
			LTG	LIGHTING
			MH	MANHOLE
			MCM	THOUSAND CIRCULAR MIL(S)
			NC	NORMALLY CLOSED
			NO	NORMALLY OPEN
			NTS	NOT TO SCALE
			N.I.C.	NOT IN CONTRACT
			PC	PHOTOCELL
			PP	POWER POLE
			PT	POINT
			ST	STREET
			TYP	TYPICAL
			UG	UNDERGROUND
			VAR	REACTIVE VOLT AMPERES
			V	VOLT(S)
			VA	VOLTAMP(S)
			W	WATT(S)
			WP	WEATHERPROOF
			XFMR	TRANSFORMER

- ### GENERAL NOTES
- PRIOR TO BEGINNING EXCAVATION, VERIFY LOCATIONS OF EXISTING AND NEW UNDERGROUND UTILITIES, PIPING, ETC. BACKFILL EXCAVATIONS TO 90 PERCENT COMPACTION AND PATCH TO MATCH EXISTING CONDITIONS.
 - STREET LIGHTING AND SIGNAL SYSTEM OUTAGES SHALL BE PERMITTED ONLY AT TIMES APPROVED BY THE TRAFFIC ENGINEER IN WRITING. WORK WHICH MAY RESULT IN AN ACCIDENTAL OUTAGE SHALL BE PERFORMED WITH THE GOVERNING ENTITY ADVISED OF SUCH WORK.
 - ALL DIRT AND DEBRIS SHALL BE REMOVED FROM ALL MANHOLES AND PULLBOXES.
 - DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS IN THE FIELD PRIOR TO BEGINNING WORK.
 - FINAL CONNECTIONS TO EQUIPMENT SHALL BE PER MANUFACTURER'S APPROVED WIRING DIAGRAMS, DETAILS, AND INSTRUCTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
 - ANY EXISTING EQUIPMENT BEING REMOVED AND NOT REUSED UNDER THIS CONTRACT SHALL BE RETURNED TO THE ELECTRICAL SHOPS, CITY YARD, 3100 EAST BONANZA ROAD.
 - ALL CONDUCTORS AND CABLES SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS, SECTION 623G.02.04.
 - ALL PLACEMENT OF NEW OR RELOCATED STREET LIGHTING ASSEMBLIES SHALL PROVIDE 36" MINIMUM CLEARANCE. SIDEWALK WIDTH (ADA).
 - ALL OVERHEAD WIRING WILL BE REMOVED AND REPLACED WITH UNDERGROUND CONDUIT AND WIRING IN ACCORDANCE WITH THIS DRAWING AND THE UNIFORM STANDARD DRAWINGS #320 ADOPTED BY THE CITY OF LAS VEGAS ON NOV. 4, 1987.
 - THE BOLTS AND CONDUIT WILL BE CUT AND FOUNDATION CHIPPED A MINIMUM OF 18-INCHES BELOW SURFACE OF SIDEWALK AND PATCHED WITH CONCRETE ON ALL ABANDONED STREET LIGHT FOUNDATIONS.
 - ALL NEW STREETLIGHT FOUNDATION CONCRETE CAPS WILL BE FLUSH WITH THE TOP OF SIDEWALK AND/OR NEW FINISH GRADE.
 - TRAFFIC SIGNAL AND STREETLIGHTS SHALL HAVE SEPERATE CIRCUITS UNLESS OTHERWISE NOTED.



RECORD DRAWINGS

These Record Drawings have been prepared based on information provided by others. The Engineer has not verified the accuracy of such information and shall not be responsible for any errors or omissions which may be incorporated herein as a result.

REVISIONS	CHKD	APPD
	No.	Date

DESIGNED: / /

DRAWN: / /

CHECKED: / /

JOB NO. 388-4-91

SCALE: 1" = 40'

HORIZ. 1" = 40'

VERT. 1" = 4'

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PROJECT: **CITY OF LAS VEGAS WASHINGTON AVENUE CONVEYANCE SYSTEM**

DESCRIPTION: **GENERAL NOTES, LEGEND, ABBREVIATIONS, AND DETAILS**

SHEET **E-1**

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