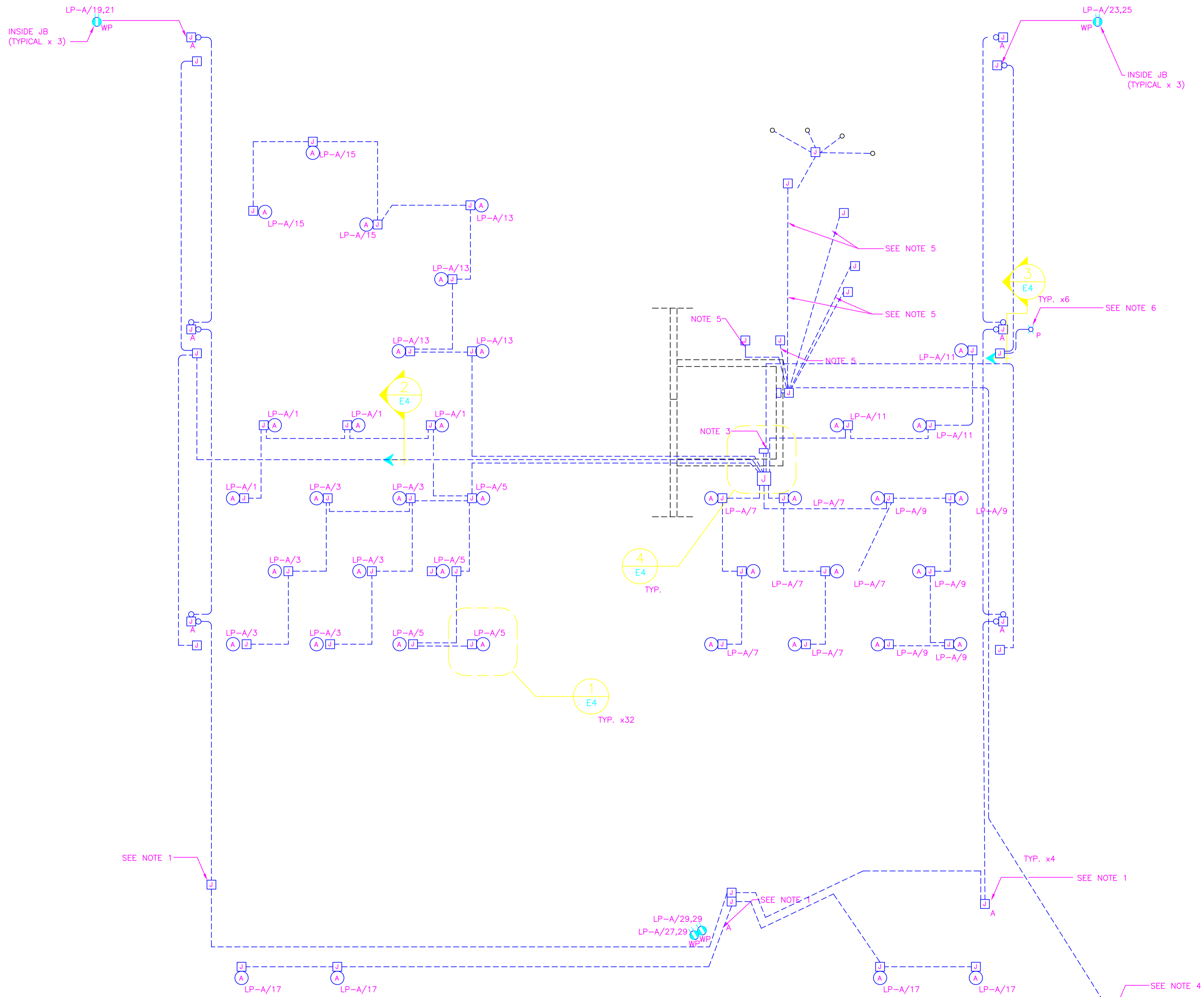
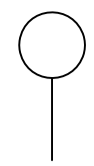
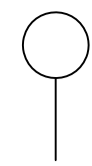
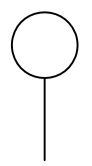
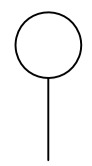
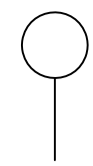
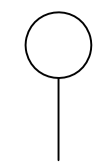
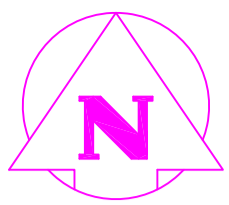


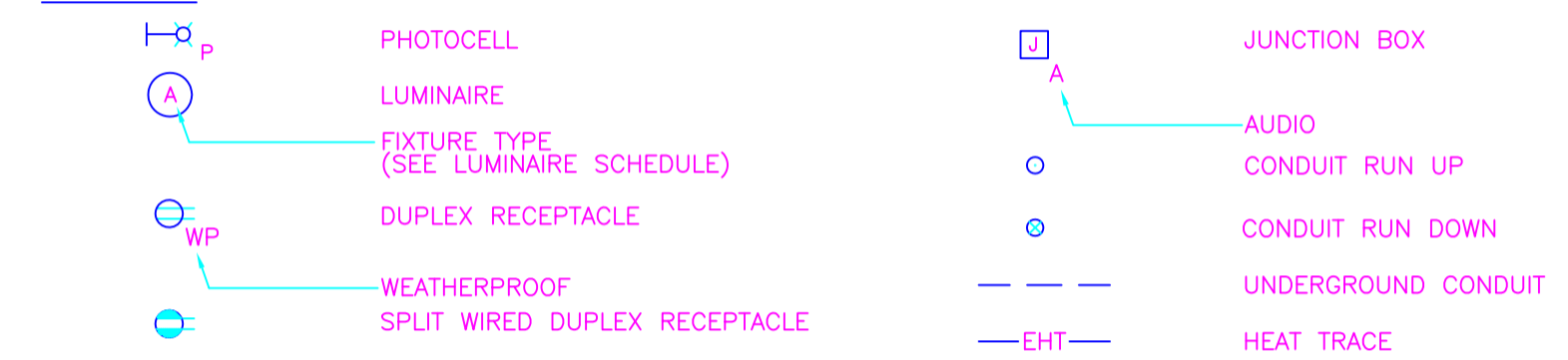
KGS FILE NO.: P:\Projects\2001\01-109-04\Elect\AsBuilt\01-109-04E02AB.DWG 24"x36"/PLOT SCALE: 1"=1'



NOTES

- ALL CONDUIT USED FOR POWER SHALL BE A MINIMUM OF 21mm PVC CONDUIT UNLESS OTHERWISE NOTED. ALL CONDUIT TO BE USED FOR AUDIO SYSTEM SHALL BE 41mm PVC CONDUIT UNLESS OTHERWISE NOTED. PULL CORD TO BE INSTALLED IN ALL CONDUIT USED FOR AUDIO SYSTEM.
- CONDUIT EMBEDDED WITHIN CONCRETE SLAB SHALL BE FASTENED TO THE UNDERSIDE OF THE REBAR AND HAVE A GRADUAL SLOPE TO DRAIN AWAY FROM MECHANICAL ROOM.
- ALL WALL PENETRATIONS TO BE SEALED TO PREVENT MOISTURE INGRESS.
- CONDUIT RUN FOR CHRISTMAS TREE JUNCTION BOX SHALL BE 53mm PVC CONDUIT.
- ALL CONDUIT TO JUNCTION BOXES FOR FOUNTAIN SHALL BE MINIMUM 27mm PVC.
- PHOTOCELL TO BE MOUNTED ON TOP SIDE OF OVERHANG.
- FIXTURES PROVIDED BY OTHERS.
- PROVIDE HEAT TRACE, INSULATION AND THERMOSTAT CONTROLS FOR NOMINAL 6 METERS OF 50mm UNDER DRAIN LINE (DWG. F2). HEAT TRACE SHALL BE FOR FREEZE PROTECTION AND SHALL BE RAYCHEM SELF-LIMITING TYPE.
- PROVIDE ALL POWER AND CONTROL WIRING FOR FOUNTAIN AND FOG SYSTEMS. REFER TO "F" SERIES DRAWINGS AND RELATED SPECIFICATION. CONTACT OEM FOR ANY ADDITIONAL REQUIRED INFORMATION.
- BOND POOL REINFORCING STEEL AT FOUR CONNECTIONS AROUND POOL PERIMETER.
- ALL METAL PARTS SHALL BE INTERCONNECTED WITH A No.6 AWG BONDING CONDUCTOR.

LEGEND



LUMINAIRE SCHEDULE				
TYPE	DESCRIPTION	VOLTAGE	LAMPS	APPROVED MANUFACTURERS
A	INGROUND METAL HALIDE LUMINAIRE (SEE NOTE 7)	120V	1-70W MH	GREENLEE: - RDS70MH120SPV-HL-RGB OR APPROVED EQUAL BY OTHERS

AS-BUILT

1	24/11/03	ISSUED AS-BUILT	
0	06/12/02	ISSUED FOR TENDER	
NO.	D / M / Y	DESCRIPTION	BY
REVISIONS / ISSUE			
A		A. SECTION LETTER OR DETAIL NUMBER IS DRAWN	A
B		OR DRAWING WHERE SECTION OR DETAIL WAS INDICATED	-
		SECTION OR DETAIL SHOWN ON SAME DRAWING	



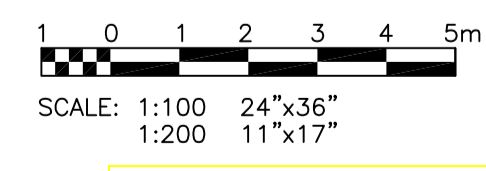
KGS GROUP CONSULTING ENGINEERS & PROJECT MANAGERS
 WINNIPEG (204) 896-1209
 THUNDER BAY (807) 345-2233

CLIENT: CITY OF WINNIPEG
 PLANNING, PROPERTY and DEVELOPMENT
 CIVIC ACCOMMODATIONS DIVISION

PROJECT: CITY HALL COURTYARD
 REDEVELOPMENT - CONTRACT 1

P.D. NUMBER: 831-2002

DWG. DESCRIPTION: ELECTRICAL POWER AND LIGHTING COURTYARD



APEGM
 Certificate of Authorization
 No. 245
 Expires April 30, 2003

DESIGNED BY: DDW
 CHECKED: RBG
 DRAWN BY: MMP
 CHECKED: RBG

APPROVED: R.B. GUPPY
 REGISTERED PROFESSIONAL ENGINEER

SCALE: 1:100
 DATE: JUN.04/2002

KGS DWG. NO. 01-109-04
 REV: E2

CLIENT PROJECT NO. 1999-022
 REV: 1

01-109-04E02AB.DWG GUNLSON 18/05/03 09:48