

KEY NOTES:

SYMBOL SCHEDULE	
	FLUORESCENT LUMINAIRE ("1" DENOTES TYPE)
	LUMINAIRE ON EMERGENCY / NIGHT LIGHT CIRCUIT
	INCANDESCENT LUMINAIRE
	INCANDESCENT LUMINAIRE WALL MTD.
	SINGLE POLE SWITCH
	2 - GANG SWITCH ("a" & "b" DENOTES SWITCHING)
	3 - WAY SWITCH
	DUPLEX RECEPTACLE
	SPECIAL RECEPTACLE ("A" DENOTES TYPE)
	DIRECT CONNECTION
	MOTOR CONNECTION
	DISCONNECT SWITCH
	POWER PANEL
	SYSTEMS PANEL AS INDICATED
	DATA OUTLET (2 DATA DROPS)
	TELEPHONE OUTLET (1 VOICE DROP)
	ELECTRIC HEATER ("A" DENOTES TYPE)
	THERMOSTAT
	DOOR CONTACT
	SMOKE ALARM (120 VAC)

ABBREVIATIONS	
C	MTD. ABOVE COUNTER
CLG	CEILING MOUNTED
CP	COPIER
CS	MTD. IN CRAWLSPACE
D	DELETE
E	EXISTING
EBB	EMERGENCY BATTERY BANK
EM	EMERGENCY
FX	FAX
GFI	GROUND FAULT INTERRUPTER
PR	PRINTER
R	RELOCATE(D)
WP	WEATHER PROOF
T	THERMOSTAT LINE VOLTAGE



5996

REV	DATE	DESCRIPTION	BY
B	2007/07/10	REVISED	GD
A	2007/06/18	ISSUED FOR TENDER	GD

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APEGM
 Certificate of Authorization
 MCW/AGE Consulting
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 No. 589 Expiry: April 30, 2008

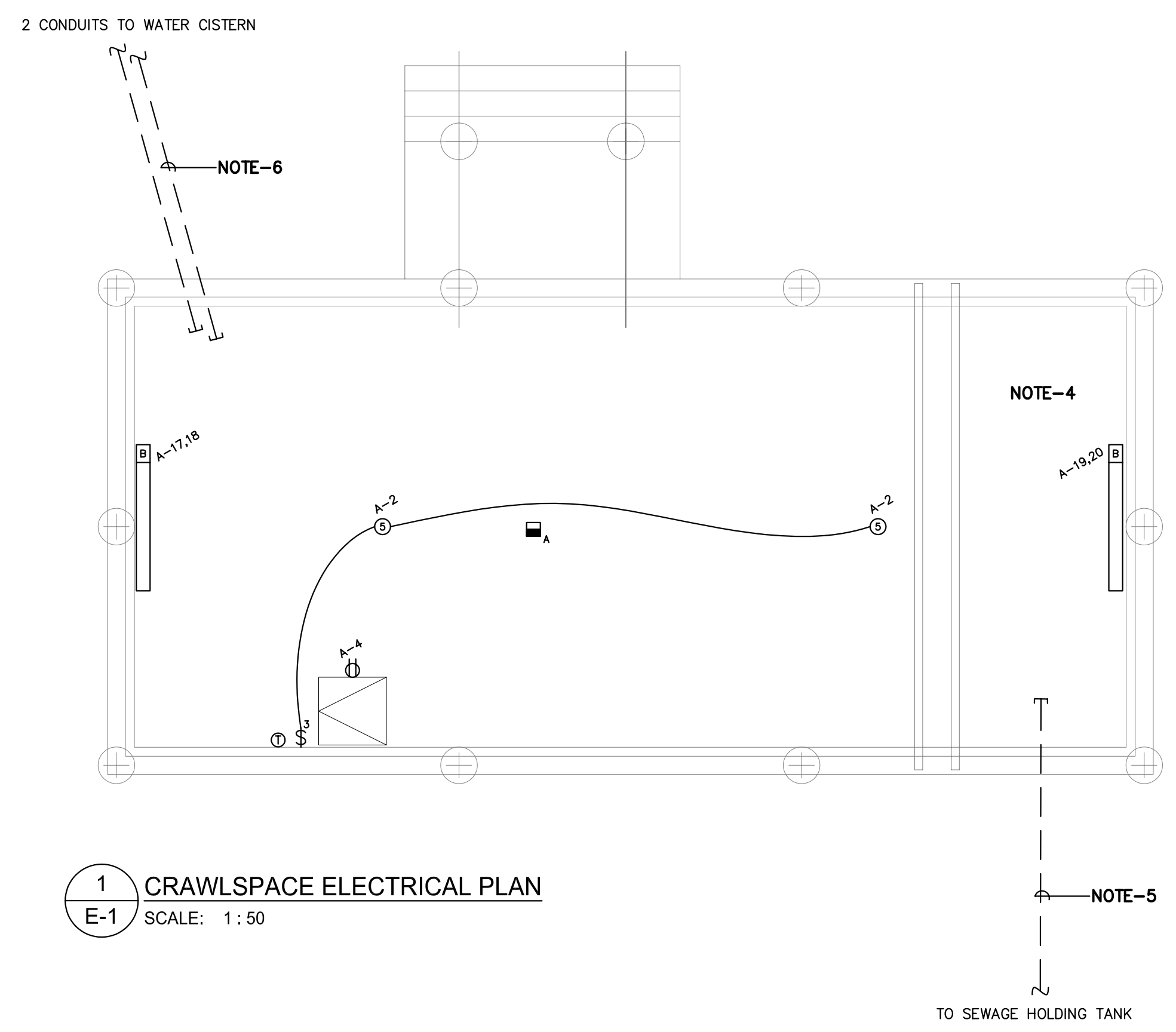


PROJECT TITLE
CITY OF WINNIPEG
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 ST. NORBERT MANITOBA

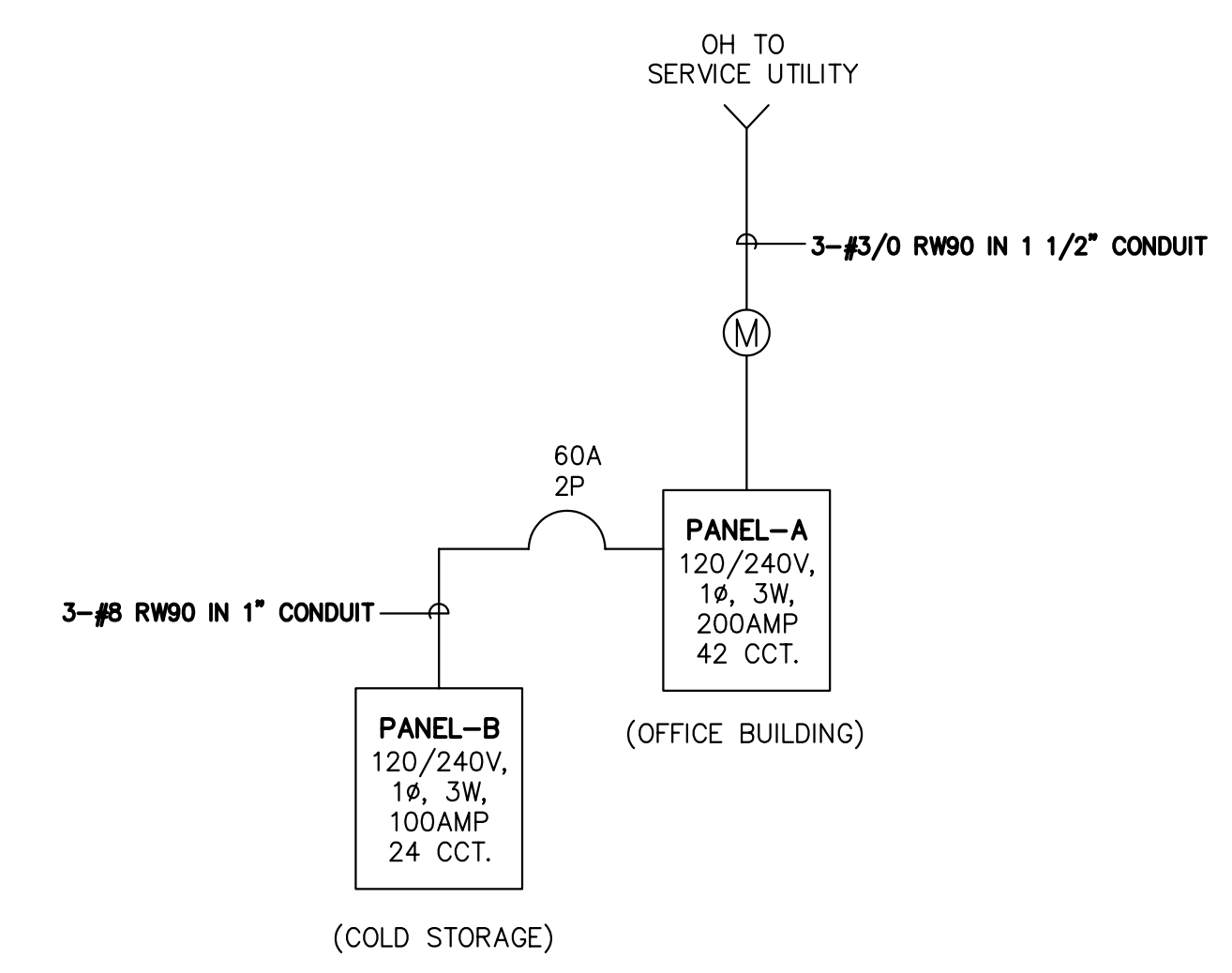
SHEET TITLE
OFFICE STAFF
ELECTRICAL PLAN

SCALE DATE DRAWN FILE
 As-Shown 07-10-07 NS 5996

SHEET NUMBER



1 CRAWLSPACE ELECTRICAL PLAN
 E-1 SCALE: 1 : 50



SINGLE LINE DISTRIBUTION
 SCALE: N.T.S.

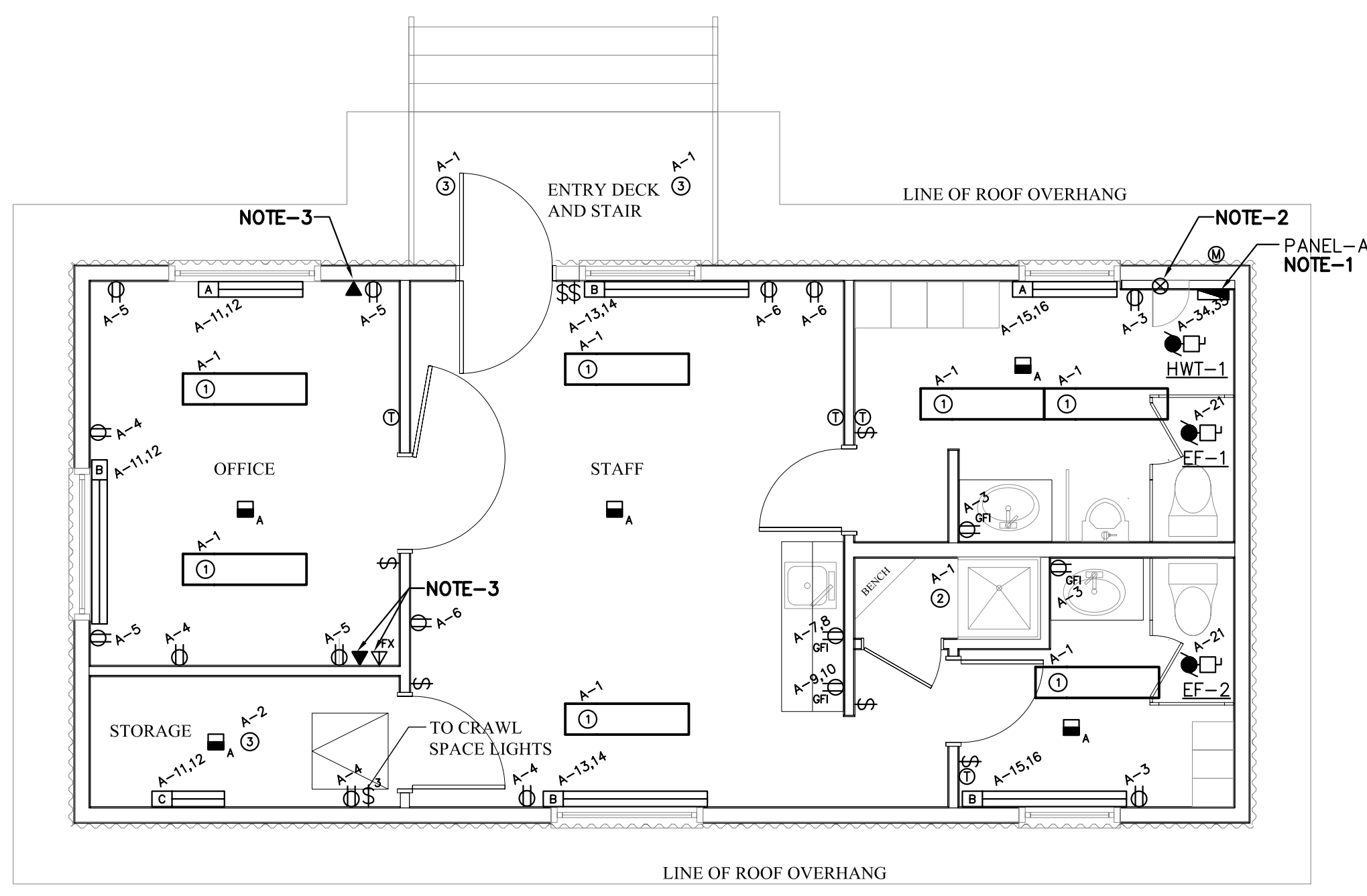
- NOTES:**
1. NEW OVERHEAD SERVICE TO UTILITY. SEE SINGLE LINE DISTRIBUTION DETAIL.
 2. TELEPHONE DEMARC LOCATION. PROVIDE 1" CONDUIT RUN DOWN TO CRAWLSPACE FOR FUTURE.
 3. PROVIDE 3/4" EMPTY CONDUIT RUN DOWN TO CRAWLSPACE FOR FUTURE.
 4. PROVIDE 1" EMPTY CONDUIT FROM CRAWLSPACE OF OFFICE TO COLD STORAGE C/W PULLWIRE LOCATION SHOWN ON DRAWING E-2.
 5. PROVIDE 3/4" EMPTY CONDUIT STUBBED OUT TO SEWAGE HOLDING TANK FOR HIGH WATER LEVEL ALARM.
 6. PROVIDE 3/4" EMPTY CONDUIT STUBBED OUT TO WATER CISTERN FOR WATER LEVEL ALARM.

LUMINAIRE SCHEDULE:

TYPE	MANUFACTURER	CATALOGUE NO.	VOLTS	LAMPS	REMARKS
1	CFI LITHONIA METALUX PEERLESS	TH248 CLM232-GEB HWA-232-71-EB81 PF-4-232-7100-120-EL	120	2-F32T8	1 x 4 SURFACE MOUNTED WRAPAROUND C/W HOLOPHANE LENS AND ELECTRONIC BALLAST.
2	LIGHTOLIER PRESCOLITE HALO	1102/1178 BX-TL-30 HH7-426C-H930	120	1-60W	RECESSED SHOWER LIGHT C/W GASKETTED DROPPED OPAL DIFFUSER.
3	LIGHTOLIER PRESCOLITE HALO	1102/1176 BX-TO-785 H7-30PAT	120	1-150W A-19	RECESSED C/W BLACK STEP BAFFLE.
4	LITHONIA LUMARK POWERLITE KEENE	TWP70S120FS HMP-PC-70-12-LL WP2P70S4WL 313070LXL-T/335	120	1-70W HPS	HPS COMMERCIAL WALL PACKS STANDARD FINISH C/W POLYCARBONATE LENS AND BUILT-IN PHOTOCCELL.
5	P & S	274-WH		120	1-100W A-19 SURFACE MOUNTED (C/W WITH WIREGUARDS IN CRAWLSPACE OR WHERE WALL MOUNTED).

HEATER SCHEDULE:

TYPE	MANUFACTURER	CATALOGUE NO.	WATTAGE	VOLTSØ	DESCRIPTION
A	OUELLET OR APPROVED EQUAL	F-1000	1kW	240V/1Ø	DIRECTLY WIRED TO AN OTE-II ELECTRONIC STAT
B	OUELLET OR APPROVED EQUAL	F-1500	1.5kW	240V/1Ø	DIRECTLY WIRED TO AN OTE-II ELECTRONIC STAT
C	OUELLET OR APPROVED EQUAL	F-500-TB1	0.5kW	240V/1Ø	RECESSED C/W BUILT-IN THERMOSTAT



2 OFFICE ELECTRICAL PLAN
 E-1 SCALE: 1 : 50