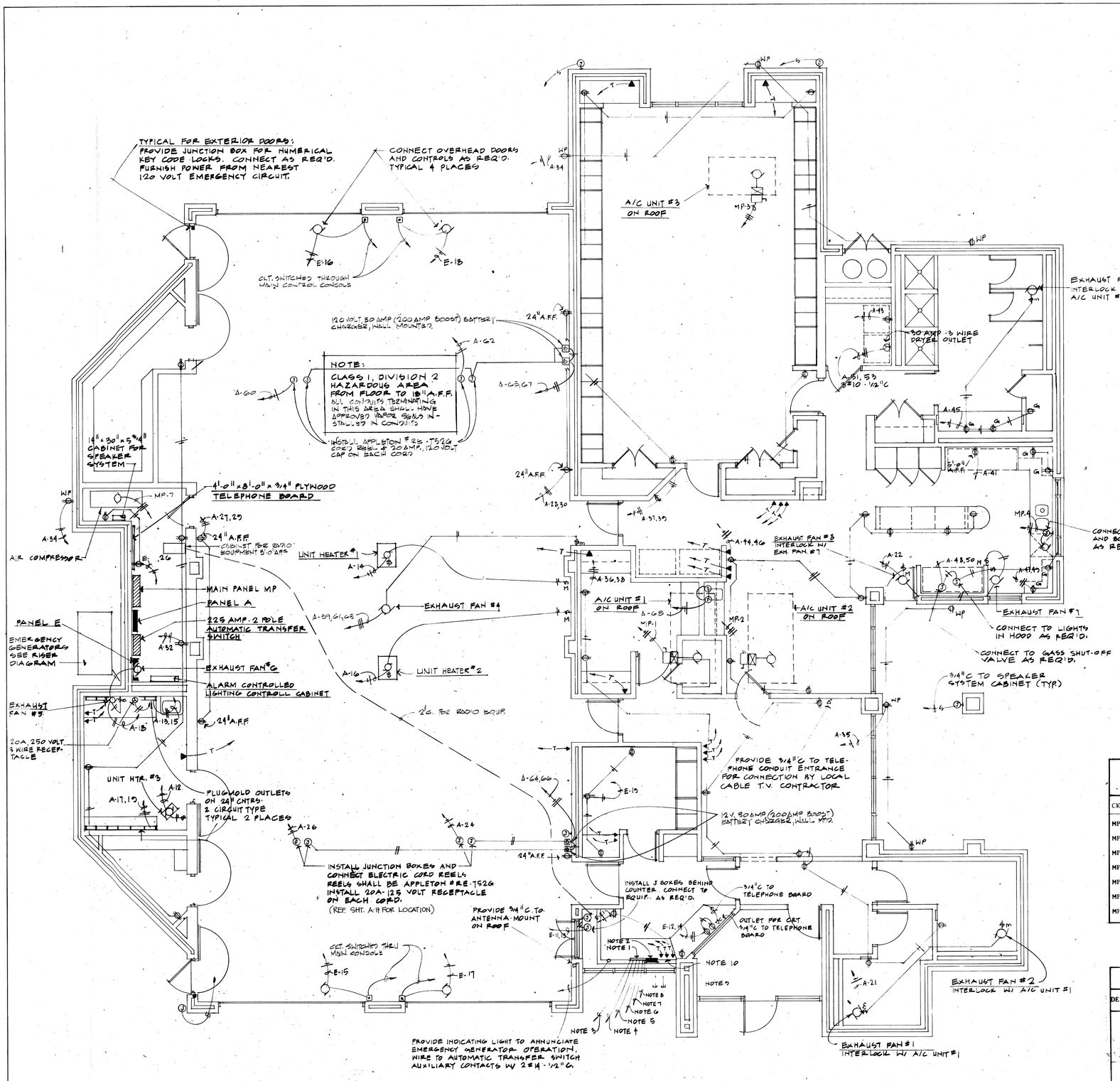
SHEET TIME
SHEET:
ASSIGN TO:

DWG BY	DATE	HOURS THIS SHEET	CUMUL HOURS

CHECKED
REVISIONS
KEYNOTING

PRINTS

BY	DATE	TO:



E 201 POWER PLAN

SC: 1/4" 1'-0"

NOTES - POWER PLAN

1. SIX 15A-125 VOLT TOGGLE SWITCHES INSTALLED IN CONSOLE. USE 6 GANG BOX AND STAINLESS STEEL SWITCHPLATE. SWITCHES SHALL BE FROM LEFT TO RIGHT:
   (1) OUTSIDE SPEAKER CONTROL
   (2) DRIVEWAY LIGHT OVERRIDE, SWITCH LS-4. SEE OUTSIDE LIGHTING CONTROL DIAGRAM.
   (3) ALARM LIGHTING OVERRIDE SWITCH - SWITCH S8 ON ALARM ACTIVATED LIGHTING CONTROL DIAGRAM SHEET E- . ALSO RED PILOT LIGHT.
   (4) LANDSCAPE LIGHTING OVERRIDE SWITCH, SWITCH LS-3 SEE OUTSIDE CONTROL DIAGRAM.
   (5) TRAFFIC CONTROL TIMER SWITCH (PUSHBUTTON FURNISHED BY CITY).
   (6) ENTRY LIGHT OVERRIDE SWITCH.
2. INSTALL FOUR (4) OVERHEAD DOOR CONTROLS IN CONSOLE. WIRE IN PARALLEL TO DOOR CONTROLS IN APPARATUS ROOM 120.
3. CONNECT TO THREE (3) INCANDESCENT LIGHT FIXTURES IN ENTRY 101 WITH TWO NUMBER 12-½"C.
4. INSTALL EMPTY 1" CONDUIT FROM CONSOLE TO PROPERTY LINE FOR MANUAL CONTROL OF TRAFFIC CONTROL TIMER BY SWITCH 5 IN NOTE 1. WIRING FURNISHED AND INSTALLED BY OTHERS.
5. TWO NUMBER 12 FROM SWITCH NUMBER FOUR, NOTE 1 TO LANDSCAPE LIGHTING CONTROLS. SEE CONTROL DIAGRAM SHEET E- .
6. CONNECT SWITCH 3, NOTE 1 AND RED PILOT LIGHT TO ALARM ACTIVATED CONTROL CIRCUIT AS SHOWN WITH TWO NUMBER 14-½"C.
7. TWO NUMBER 14-½"C FROM SWITCH NUMBER TWO, NOTE 1 TO DRIVEWAY LIGHTING CONTROL. SEE DIAGRAM SHEET E- .
8. EMPTY 3/4"C. TO SPEAKER CONTROL CABINET. WIRING BY OTHERS.
9. STUB OUT TWO EMPTY 1" CONDUITS FOR FUTURE LANDSCAPE AND SIGN LIGHTING. EXTEND CONDUITS TO PANEL A.
10. INSTALL THREE PHONE OUTLETS CONSOLE AS DIRECTED BY ARCHITECT.
11. TELEPHONE CONDUITS SHALL BE 3/4" CONDUIT UNLESS NOTED OTHERWISE AND SHALL TERMINATE AT THE TELEPHONE TERMINAL BOARD.
12. VERIFY ALL RECEPTACLE MOUNTING HEIGHTS WITH ARCHITECT BEFORE INSTALLATION.

MAIN PANEL MP SCHEDULE
120/240V., 3Ø, 4W., S/N
400 AMP M.C.B.
25,000 A.I.C SURFACE CABINET

CKT NO.	SERVING	LOAD	BREAKER	FEEDER
MP-1	A/C UNIT NUMBER 1	11 KW	60A-3P	3 Number 6-1"C
MP-2	A/C UNIT NUMBER 2	11 KW	60A-3P	3 Number 6-1"C
MP-3	A/C UNIT NUMBER 3	8.3 KW	50A-3P	3 Number 8-3/4"C
MP-4	DISHWASHER	13.2 KW	70A-3P	3 Number 6-1"C
MP-5	PANEL A	21.4 KW	225A-2P	3 Number 4/0-2½"C
MP-6	PANEL E	26.2 KW	150A-3P	4 Number 1/0-1½"C
MP-7	AIR COMPRESSOR	5 HP	40A-3P	3 Number 8-3/4"C

PANELBOARD SCHEDULE

DESIGNATION	DESCRIPTION	MAINS	BRANCHES	SERVING
A	120/240v., 1Ø, 3W, S/N SURFACE CABINET DOUBLE SECTION 10,000A./C.	225 AMP. M.L.O.	54-20A-1P	CKTS A-1 THRU 50, 52, 54, 56, 58, 60, 62, 64, -70.
			1-30A-2P	CKT A-51, 53 (3 number 10-3/4"C)
			4-20A-1P 1-30-20	SPARES CKT. A-51, 61, 63
E	120/240v., 3Ø, 4W, S/N SURF	225 AMP M.L.O.	24-20A-1P	CKT E-1 THRU 18, 19, 21, 23 THRU 26
			1-45A-3P	CKT E-20, 22, 24 Number 8-3/4"C)
			3-20A-1P	SPARES NOTE: CKTS #1-13 BUSSED FOR 1Ø CKTS #14-30 BUSSED FOR 3Ø

DRAWN BY ____ CHECKED BY ____

REVISIONS

NO.	DESCRIPTION	DATE

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REGISTERED ARCHITECT STATE OF TEXAS

ADDISON FIRE STATION NO. 2

ADDISON, TEXAS

SHEET TITLE
POWER PLAN & NOTES
PANEL SCHEDULES

81080 PROJECT NO.
12-2-81 DATE
SHEET NO. E-2 OF 23

OVERLAY RECIPE