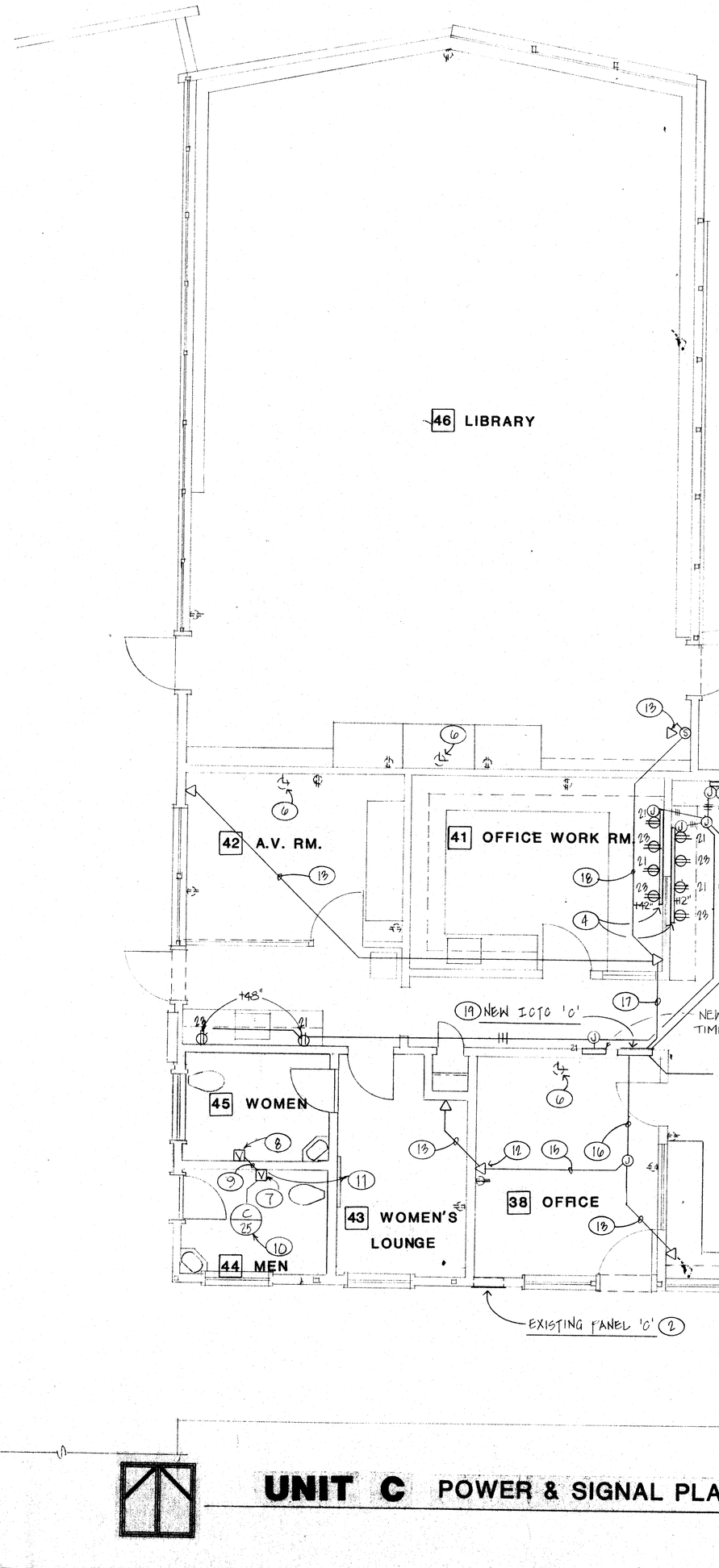
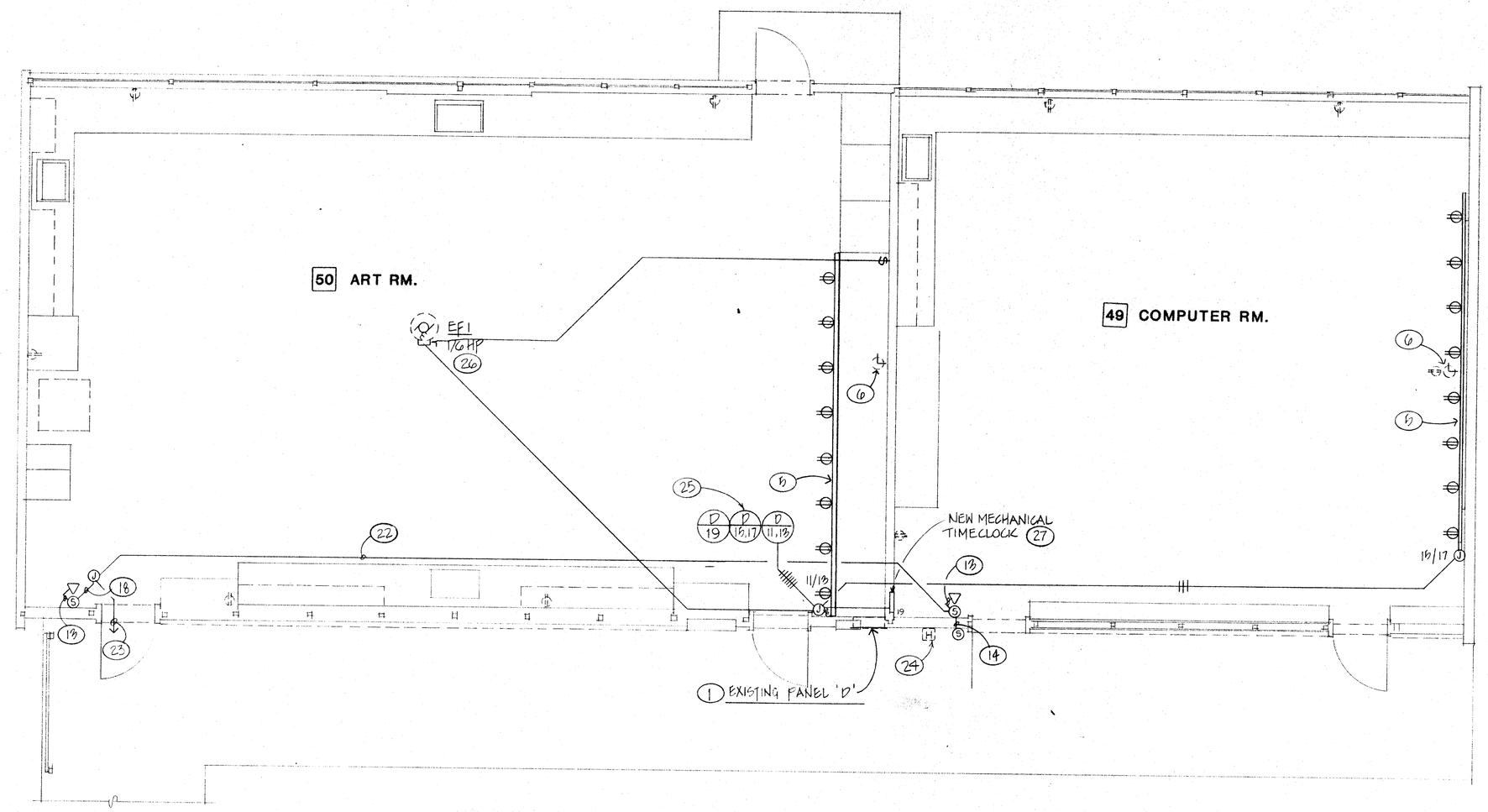
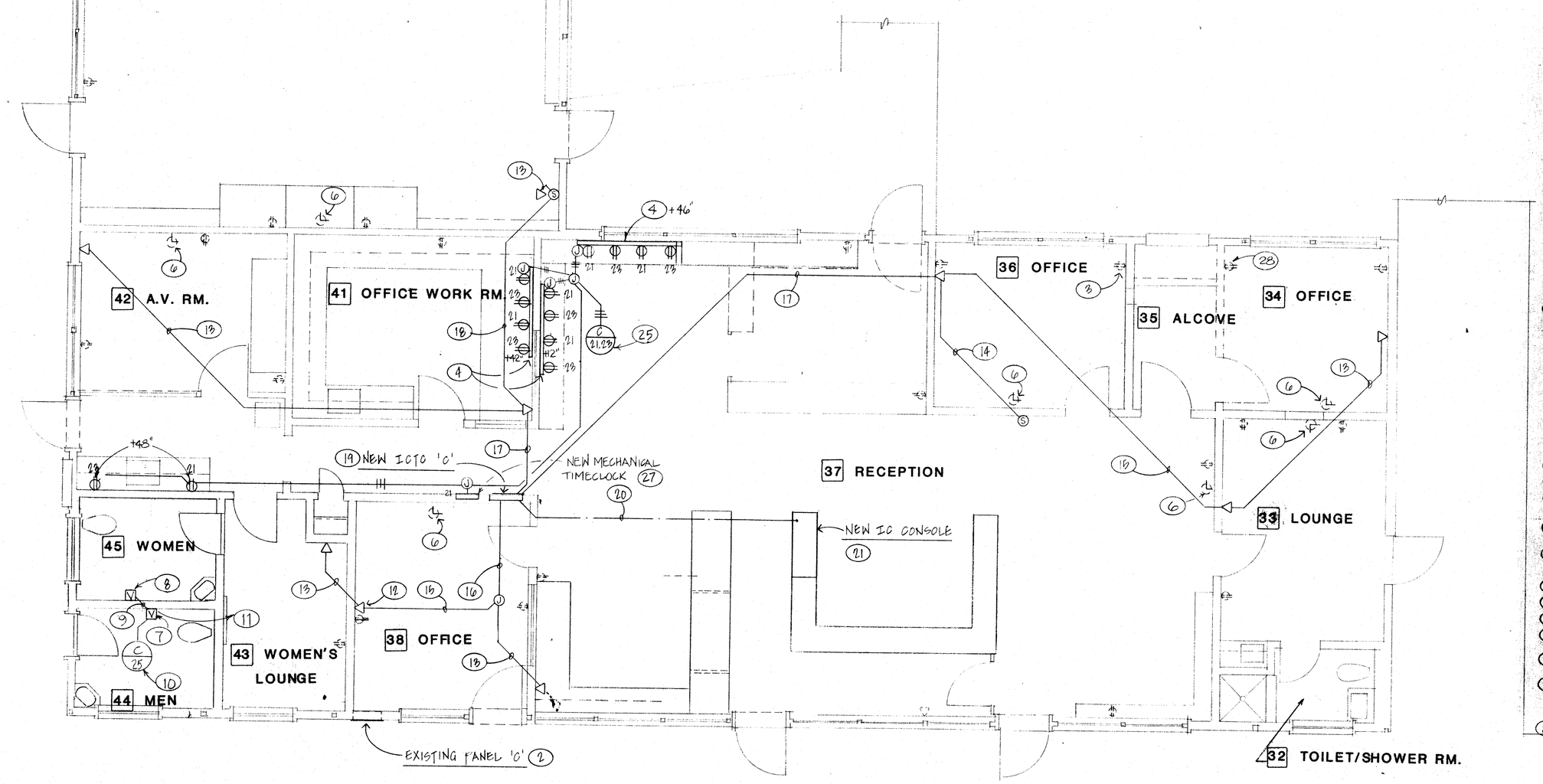




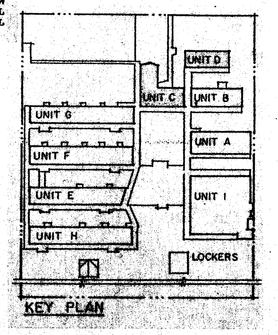
UNIT D POWER & SIGNAL PLAN 1/4"= 1'-0"



UNIT C POWER & SIGNAL PLAN 1/4"= 1'-0"

UNIT C & D POWER & SIGNAL PLAN NOTES:

1. REPLACE EXISTING PANEL, 120/208V 3ø 4W, 100A 30-CIRCUIT WITH 100A MAIN BREAKER. PROVIDE, FOR BRANCH CIRCUITS, (18) 20A/1P AND (1) 30A/2P BREAKERS TO RECONNECT EXISTING AND NEW CIRCUITS. PROVIDE TEN (10) 20A/1P SPARE BREAKERS.
2. REPLACE EXISTING PANEL, 120/208V 3ø 4W, 225A 42-CIRCUIT WITH 225A MAIN BREAKER. PROVIDE, FOR BRANCH CIRCUITS, (26) 20A/1P BREAKERS TO RECONNECT EXISTING AND NEW CIRCUITS. PROVIDE FOURTEEN (14) 20A/1P SPARE BREAKERS.
3. EXISTING RECEPTACLES AND WIRING TO REMAIN, TYPICAL.
4. PROVIDE NEW PLUGMOLD, WIREMOLD #2600-18" WITH DUPLEX RECEPTACLES 18" ON CENTER ON ALTERNATE CIRCUITS AS INDICATED. PLUGMOLD SHALL BE COMPLETE WITH END CAPS AND CONNECTORS. LENGTH AS INDICATED ON ARCHITECT'S INTERIOR ELEVATIONS. PAINT AS DIRECTED BY ARCHITECT TO MATCH ADJACENT WALL'S FINISH.
5. PROVIDE NEW PLUGMOLD, WIREMOLD #2600-30" WITH DUPLEX RECEPTACLES 30" ON CENTER ON ALTERNATE CIRCUITS AS INDICATED. PLUGMOLD SHALL BE COMPLETE WITH END CAPS AND CONNECTORS. LENGTH AS INDICATED ON ARCHITECT'S INTERIOR ELEVATIONS. PAINT AS DIRECTED BY ARCHITECT TO MATCH ADJACENT WALL'S FINISH.
6. REMOVE EXISTING CLOCK. DISCONNECT AND CAP EXISTING CLOCK WIRING. RECONNECT EXISTING FIRE ALARM WIRING IN SAME BOX. INSTALL NEW BATTERY POWERED QUARTZ CLOCK AT +9'-0".
7. PROVIDE NEW 120VAC FIRE ALARM VISUAL ALARM LIGHT WITH LOW VOLTAGE RELAY IN BACK BOX. CONNECT TO EXISTING 120VAC SERIES FIRE ALARM SIGNALING CIRCUIT PER WIRING DIAGRAM.
8. PROVIDE NEW 120VAC FIRE ALARM VISUAL ALARM LIGHT. CONNECT TO SAME LOW VOLTAGE RELAY AS VISUAL ALARM LIGHT PER NOTE #7.
9. 1/2"C - 2#12.
10. HOMERUN TO EXISTING PANEL. PROVIDE NEW 20A/1P BREAKER IN PANEL FOR NEW CIRCUIT.
11. 1/2"C - 2#14 TO EXISTING FIRE ALARM PANEL IN UNIT "A". CONNECT TO EXISTING 120VAC SERIES FIRE ALARM SIGNALING CIRCUIT PER WIRING DIAGRAM.
12. PROVIDE NEW INTERCOM DEVICES AS INDICATED.
13. 1/2"C - 1 A CABLE, TYPICAL FOR INTERCOM HANDSET.
14. 1/2"C - 1 B CABLE.
15. 3/4"C - 2 A CABLES.
16. 3/4"C - 3 A CABLES.
17. 1"C - 3 A, 1 B CABLES.
18. 3/4"C - 1 A, 1 B CABLES.
19. NEW ICTC SHALL BE 24" X 36" X 4"D WITH 3/4" PLYWOOD BACKBOARD INSIDE. TERMINAL STRIPS SHALL BE PROVIDED BY INTERCOM SYSTEM SUPPLIER.
20. TWO 1-1/2"C WITH 25 A, 7 B CABLES IN EACH. CUT AND PATCH EXISTING SLAB TO RUN CONDUITS FROM NEW ICTC TO NEW CONSOLE.
21. PROVIDE NEW INTERCOM CONSOLE PER SPECIFICATION. REMOVE EXISTING BELLBOARD AND RELATED WIRING IN CABINET. CONNECT NEW CONSOLE TO EXISTING BRANCH CIRCUIT.
22. 3/4"C - 1 A, 2 B CABLES.
23. 1"C - 2 A, 2 B CABLES TO ICTC #C.
24. EXISTING FIRE ALARM DEVICE AND WIRING TO REMAIN.
25. HOMERUN TO EXISTING PANEL. PROVIDE NEW 20A/1P BREAKERS IN PANEL FOR NEW CIRCUITS.
26. CONNECT NEW EXHAUST FAN AND CONTROL AS DIRECTED BY MECHANICAL CONTRACTOR.
27. PROVIDE 120V/24VAC CONTROL TRANSFORMER IN ATTIC AND CONNECT NEW MECHANICAL TIMECLOCK. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONTROL CONDUIT, WIRING AND CONNECTION FOR ALL HVAC EQUIPMENT PER CONTROL DIAGRAM SHOWN ON MECHANICAL PLANS.
28. REMOVE EXISTING RECEPTACLE BOX, CONDUITS & WIRING. PROVIDE ALL WORK AS REQUIRED TO RECONNECT ALL EXISTING TURN CIRCUITING THAT REMAINS.



ROBERT F. STUHR ARCHITECT INC.
3121 CALIFORNIA AVE.
BAKERSFIELD CA.
93304 (805) 327-1632

EXP.
ROBERT F. STUHR AIA C-1610
WILLIAM J. MELBY AIA C-16835
DANNY E. ORDIZ AIA C-14728

TITLE 24 & 1988 UBC

IDENTIFICATION
DEPARTMENT OF STATE ARCHITECT
APPROVED
STATE ARCHITECT
WTL/CA

JUN 15 1990
STATE ARCHITECT

JUN 15 1990

Peter Kwon Engineering
350 W. Bullard, #108
Fresno, CA 93711
(Peter Kwon, EE - 10411)
(EXP. 9-30-91)

UNIT C & UNIT D
POWER & SIGNAL PLAN

VISTA EAST CONTINUATION HIGH
SCHOOL 30 YEAR MODERNIZATION

815 EUREKA STREET
KERN HIGH SCHOOL DISTRICT
KERN COUNTY, CALIFORNIA

CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK. REPORT DISCREPANCIES TO THE ARCHITECT. ALL CONSTRUCTION SHALL CONFORM TO UBC.

MARK	DATE	REVISIONS
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JOB NO: 7071
DRAWN:
CHECKED:
DATE: 6-14-90

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OF 9 SHEETS

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