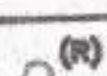



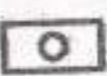
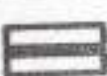



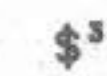





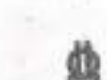



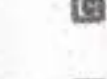
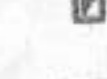



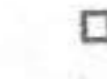
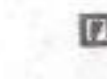

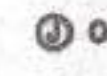




















ELECTRICAL SYMBOL LIST

-  THIN LINE SYMBOL WITH (R) NEXT TO SYMBOL INDICATES EXISTING ELECTRICAL LUMINAIRE, OUTLET, ENCLOSURE, OR EQUIPMENT TO BE REMOVED COMPLETE. MAINTAIN ELECTRICAL CONTINUITY TO OUTLETS TO REMAIN, REROUTE ELECTRICAL CLEAR OF CONSTRUCTION.
-  THIN LINE SYMBOL WITH (E) NEXT TO SYMBOL INDICATES EXISTING ELECTRICAL LUMINAIRE, OUTLET, ENCLOSURE, OR EQUIPMENT TO REMAIN. MAINTAIN EXISTING ELECTRICAL CONTINUITY.
-  RECESSED FLUORESCENT 2' X 2' LUMINAIRE
-  RECESSED FLUORESCENT 2' X 4' LUMINAIRE
-  SURFACE MOUNTED FLUORESCENT 2' X 4' LUMINAIRE
-  RECESSED 2x4 FLUORESCENT LUMINAIRE WITH CENTER LAMP CONNECTED TO EMERGENCY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT
-  EMERGENCY LUMINAIRE WITH BATTERY PACK
-  EXIT SIGN CEILING MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN
-  EXIT SIGN WALL MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN
-  THREE-WAY SWITCH
-  SWITCH ABOVE COUNTER
-  SPECIAL PURPOSE RECEPTACLE
-  DUPLEX RECEPTACLE
-  DOUBLE DUPLEX RECEPTACLE
-  DUPLEX ISOLATED GROUND RECEPTACLE COLOR CODED TO IDENTIFY
-  FLOOR PEDESTAL WITH FLOOR BOX OR POKE-THRU BOX, AND DUPLEX RECEPTACLE
-  WEATHER PROOF DUPLEX RECEPTACLE
-  MAGNETIC DOOR HOLDER
-  CARD READER
-  FIRE ALARM PULL STATION
-  FIRE ALARM CONTROL PANEL
-  FIRE SMOKE DAMPER CONNECTION
-  MOTOR CONNECTION
-  NON-FUSED DISCONNECT SWITCH
-  FUSED DISCONNECT SWITCH
-  UTILITY METER BASE
-  JUNCTION BOX
-  TRANSFORMER
-  TELEPHONE OUTLET WITH 3/4" C. AND PULLSTRING TO ACCESSIBLE CEILING SPACE
-  COMBINATION TELE/DATA OUTLET WITH 3/4" C. AND PULLSTRING TO ACCESSIBLE CEILING SPACE
-  FLOOR PEDESTAL WITH FLOOR BOX OR POKE-THRU BOX, AND TELEPHONE OUTLET
-  TELEPHONE TERMINAL BOARD
-  TELE/POWER POLE AS INDICATED
-  CONDUIT ELLED UP
-  CONDUIT ELLED DOWN
-  CONDUIT/WIRING CONTINUATION
-  CIRCUIT BREAKER
-  SURFACE MOUNT EQUIPMENT ENCLOSURE AS NOTED
-  BRANCH PANEL
-  FLUSH WALL MOUNTED BRANCH PANEL
-  MAIN DISTRIBUTION PANEL / SUB DISTRIBUTION PANEL
-  CONDUIT CONCEALED IN WALL OR CEILING SPACE
-  CONDUIT ROUTED BELOW FLOOR / GRADE
-  MULTIPLE CHANNEL SURFACE METAL RECEPTACLE RACEWAY WITH LOW VOLTAGE DIVIDERS, LENGTH AND RECEPTACLES AS INDICATED. WIREMOLD 4000 SERIES OR APPROVED.
-  REFERENCE NOTE
-  EQUIPMENT CONNECTION ITEM. REFER TO SCHEDULE

LUMINAIRE SCHEDULE

- TYPE 'A' EXISTING RECESSED 2' BY 4' LUMINAIRE. REINSTALLED IN NEW CEILING GRID.
- TYPE 'A1' SAME AS TYPE 'A' EXCEPT PROVIDE ONE LAMP WITH EMERGENCY BATTERY BACKUP BALLAST. BALLAST TO PROVIDE A MINIMUM OF 1350 LUMENS IN EMERGENCY MODE.
- TYPE 'B' SURFACE MOUNTED FLUORESCENT STRIPLIGHT 4' COLD ROLLED STEEL CHANNEL. WHITE FINISH. ELECTRONIC BALLAST. TWO 32 WATT T8 LAMPS. NOMINAL INPUT WATTS: 62. LITHONIA C 232 SERIES, METALUX, DAYBRITE, HUBBELL OR APPROVED SUBSTITUTE.
- TYPE 'C' SURFACE MOUNTED LOW-PROFILE FLUORESCENT WRAPAROUND 10" WIDE BY 4' LONG DIE FORMED STEEL HOUSING WITH FULL DEPTH END PLATES. ACRYLIC PRISMATIC DIFFUSER. ELECTRONIC BALLAST. TWO 32 WATT T8 LAMPS. NOMINAL INPUT WATTS: 62. LITHONIA LB 232 SERIES, METALUX, DAYBRITE, HUBBELL OR APPROVED.
- TYPE 'D' SURFACE MOUNTED INCANDESCENT PORCELAIN KEYLESS LAMP HOLDER. 4-1/2" DIAMETER HOUSING. PROVIDE PULL CHAIN. WHITE FINISH. ONE 100 WATT A-19 LAMP. NOMINAL INPUT WATTS: 100. LEWTON 8875 SERIES, HUBBELL OR APPROVED.
- TYPE 'E' RECESSED FLUORESCENT DOWNLIGHT 6" NOMINAL DIAMETER ALUMINUM HOUSING WITH SPECULAR CLEAR REFLECTOR. SELF FLANGED. ELECTRONIC BALLAST. ONE 32 WATT TRIPLE COMPACT FLUORESCENT VERTICAL LAMP. NOMINAL INPUT WATTS: 34. LITHONIA AFV SERIES, HALO, LIGHTOLIER OR APPROVED.
- TYPE 'F' RECESSED FLUORESCENT DOWNLIGHT 6" NOMINAL DIAMETER ALUMINUM HOUSING WITH SPECULAR CLEAR REFLECTOR. SELF FLANGED. ELECTRONIC BALLAST. ONE 32 WATT TRIPLE COMPACT FLUORESCENT VERTICAL LAMP. NOMINAL INPUT WATTS: 34. LITHONIA AFV SERIES, HALO, LIGHTOLIER OR APPROVED.
- TYPE 'G' SURFACE MOUNTED DIRECT/INDIRECT FLUORESCENT LUMINAIRE. 7-3/8" WIDE BY 3-1/2" HIGH BY 4' LONG DIE FORMED STEEL CHANNEL WITH INJECTION MOLDED CLEAR ACRYLIC LENS. WHITE FINISH. ELECTRONIC BALLAST. TWO 32 WATT T8 LAMPS. NOMINAL INPUT WATTS: 62. DAYBRITE AZTEC CB 232 SERIES, PRUDENTIAL, LIGHTOLIER OR APPROVED.
- TYPE 'H' SURFACE MOUNTED FLUORESCENT LUMINAIRE. 7-3/8" WIDE BY 3' LONG 20-GAUGE COLD-ROLLED STEEL HOUSING WITH HIGH IMPACT ACRYLIC DIFFUSER. ELECTRONIC BALLAST. PROVIDE ONE LAMP WITH EMERGENCY BATTERY BACKUP BALLAST. BALLAST TO PROVIDE A MINIMUM OF 1350 LUMENS IN EMERGENCY MODE. TWO 32 WATT T8 LAMPS. NOMINAL INPUT WATTS: 62. LITHONIA PRECEDENT SERIES, LIGHTOLIER OR APPROVED.
- TYPE 'X' UNIVERSAL MOUNTED LED EXIT SIGN. DIE CAST ALUMINUM HOUSING WITH BRUSHED ALUMINUM FACEPLATE AND BLACK TRIM. PROVIDE DIFFUSING LENS. PROVIDE 90 MINUTE NICKEL CADMIUM BATTERY BACKUP. GREEN LED LETTERS TO MATCH EXISTING EXIT SIGNS. NOMINAL INPUT WATTS: 6.5. LITHONIA LE 631 SERIES, SURE LITES, HUBBELL, CHLORIDE OR APPROVED SUBSTITUTE.

ELECTRICAL DRAWING LIST

- E0.1 SYMBOL LIST AND LUMINAIRE SCHEDULE
- E2.1 FLOOR PLAN - LIGHTING - DEMOLITION
- E2.2 FLOOR PLAN - LIGHTING
- E3.1 FLOOR PLAN - ELECTRICAL - DEMOLITION
- E3.2 FLOOR PLAN - ELECTRICAL
- E3.1 ONE-LINE DIAGRAM AND ELECTRICAL SCHEDULES

SHEET TITLE:
LEGENDS
SHEET INDEX
LUMINAIRE
SCHEDULE



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DRAWN BY: DMN
CHECKED BY: DLS
SHEET

E0.1

OF
JOB NO. 298349

1
E0.1 LEGENDS, SHEET INDEX, LUMINAIRE SCHEDULE

(BASED ON CONTRACTOR PROVIDED INFORMATION) RECORD DRAWINGS: 9/17/01

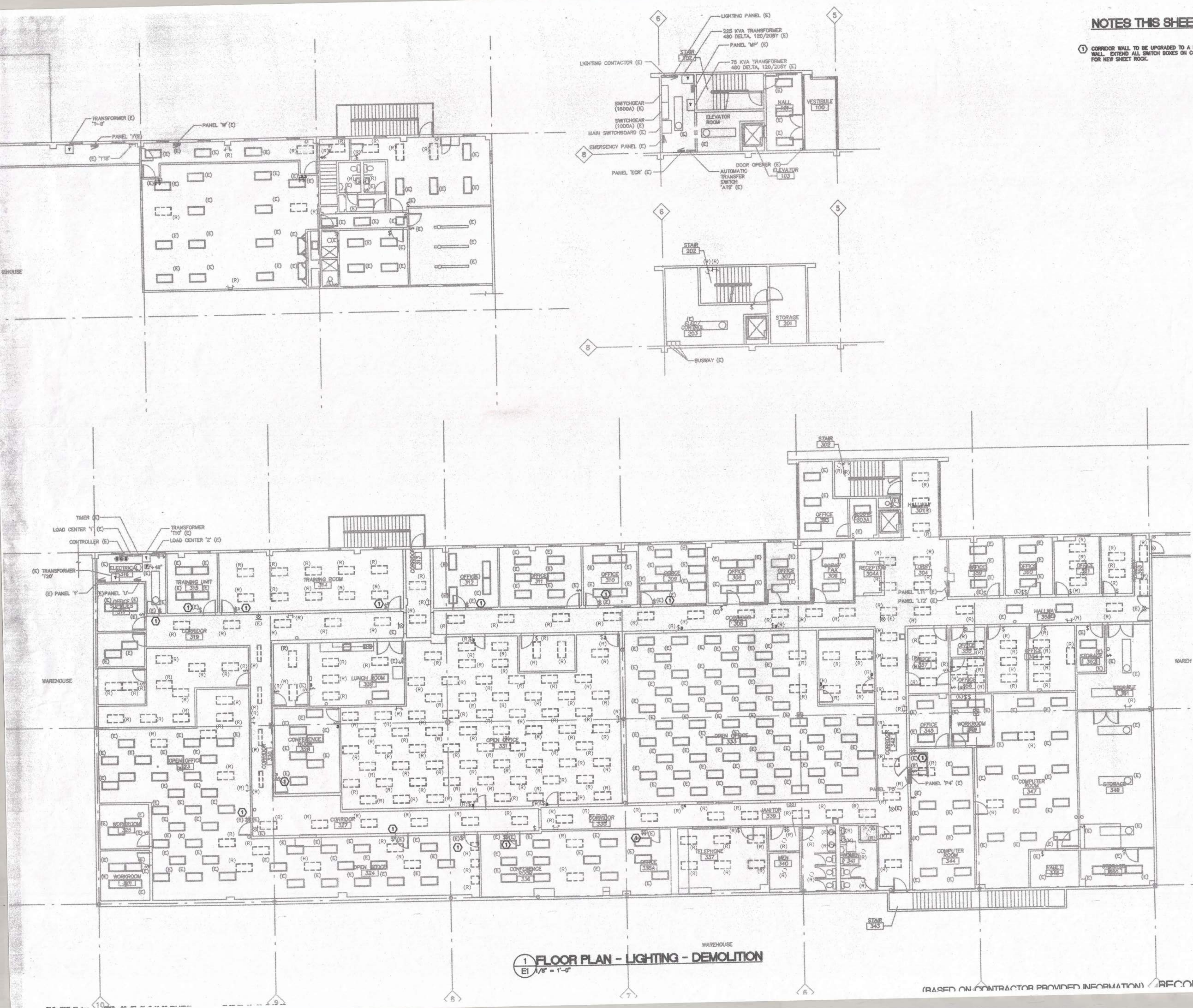
GROUP
MACKENZIE
Architectural
Interior Design
Land Use Planning
Civil Engineering
Structural Engineering
Transportation Planning
Portland, OR 97204-0039
Fax: 503.224.1950



Project:
OFFICE REMODEL
FOR THE
DEPARTMENT
OF
CORRECTIONS

SALEM,
OREGON

Mechanical/Electrical
INTERFACE ENGINEERING, INC.
6542 SE Latta Road
Milwaukie, Oregon 97222-2138
Phone: (503)659-6394
FAX: (503)659-9029



NOTES THIS SHEET

1 CORRIDOR WALL TO BE UPGRADED TO A FIRE-RATED WALL. EXTEND ALL SWITCH BOXES ON CORRIDOR WALL FOR NEW SHEET ROCK.

1 FLOOR PLAN - LIGHTING - DEMOLITION
E1 1/8" = 1'-0"

(BASED ON CONTRACTOR PROVIDED INFORMATION) RECORD DRAWINGS : 0/17/01

GROUP MACKENZIE
Architecture
Interior Design
Land Use Planning
Civil Engineering
Structural Engineering
Transportation Planning
Portland, OR 97201-0039
Tel: 503.224.9500
Fax: 503.224.8888

INTERFACE ENGINEERING
2000 NE Oregon Ave.
Portland, OR 97232
Phone: (503) 659-6394
Fax: (503) 659-9029

Project
OFFICE REMODEL
FOR THE
DEPARTMENT
OF
CORRECTIONS
SALEM, OREGON

Mechanical/Electrical
INTERFACE ENGINEERING, INC.
6542 SE Lake Road
Milwaukie, Oregon 97222-2138
Phone: (503) 659-6394
Fax: (503) 659-9029

SHEET TITLE:
**FLOOR PLAN
LIGHTING
DEMOLITION**

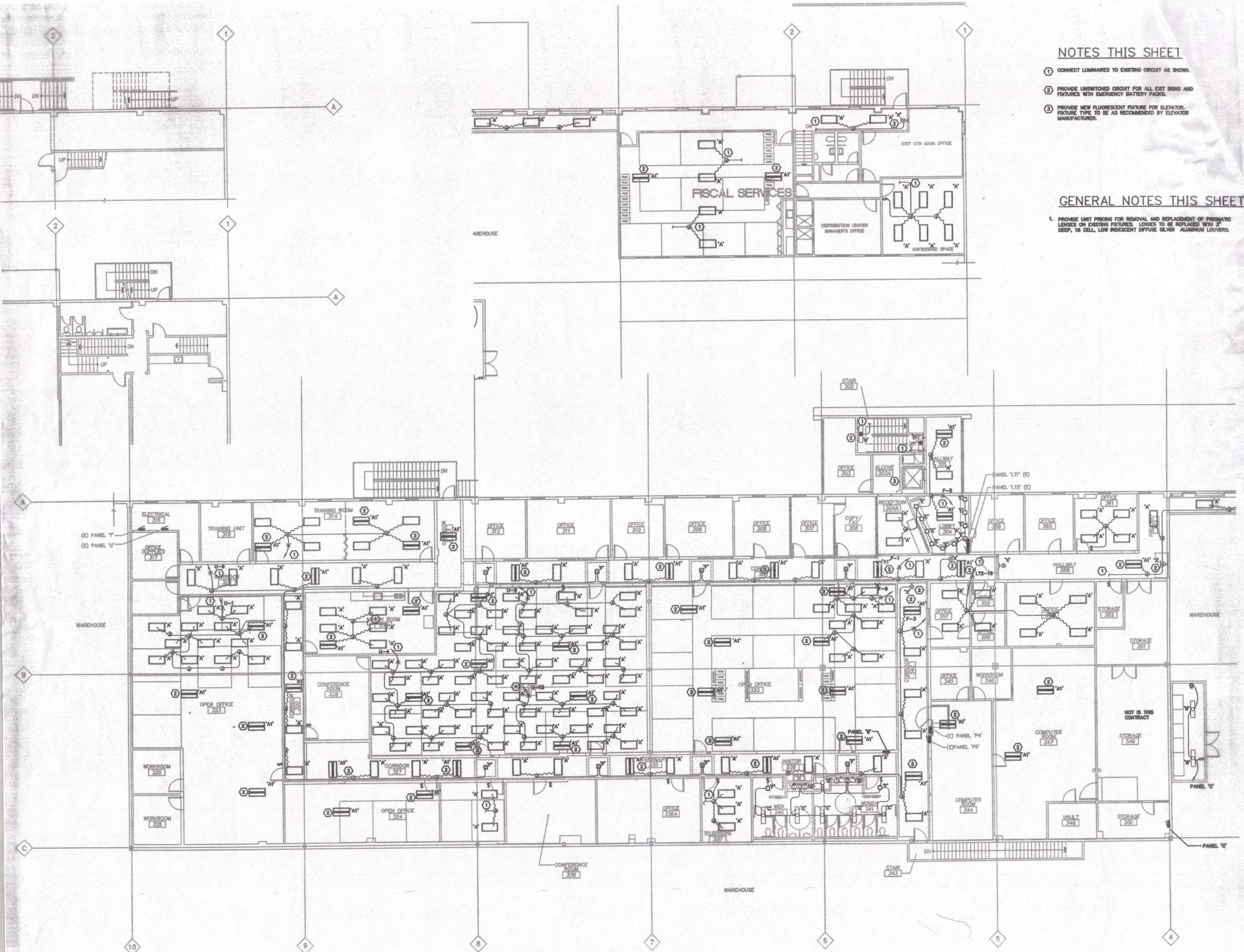


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NOTES THIS SHEET

- ① CONNECT LUMINAIRES TO EXISTING CIRCUIT AS SHOWN.
- ② PROVIDE UNSWITCHED CIRCUIT FOR ALL EXIT SIGNS AND FIXTURES WITH EMERGENCY BATTERY PACKS.
- ③ PROVIDE NEW FLUORESCENT FIXTURE FOR ELEVATOR. FIXTURE TYPE TO BE AS RECOMMENDED BY ELEVATOR MANUFACTURER.

GENERAL NOTES THIS SHEET

- 1. PROVIDE UNIT PRICING FOR REMOVAL AND REPLACEMENT OF PRISMATIC LENSES ON EXISTING FIXTURES. LENSES TO BE REPLACED WITH 3" DEEP, 18 CELL, LOW PRECEDENT DIFFUSE SILVER ALUMINUM LOUVERS.

GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Portland, OR 97204-6039
 Fax: 503.224.9570

INTERFACE ENGINEERING
 2200 NE Oregon Ave. #2
 Portland, OR 97232
 Phone: 503.253.1111
 Fax: 503.253.1112

Project: **OFFICE REMODEL FOR THE DEPARTMENT OF CORRECTIONS**
 SALEM, OREGON
 Mechanical/Electrical
INTERFACE ENGINEERING, INC.
 6542 SE Lake Road
 Milwaukie, Oregon 97222-2138
 Phone: (503)659-6394
 FAX: (503)659-9029

SHEET TITLE:
FLOOR PLAN LIGHTING



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E2.2
 OF
 JOB NO. 298349

1 FLOOR PLAN - LIGHTING
 1/8"=1'-0"

(BASED ON CONTRACTOR PROVIDED INFORMATION) RECORD DRAWINGS : 9/17/01

NOTES THIS SHEET

- ① CORRIDOR WALL TO BE UPGRADED TO A FIRE-RATED WALL. EXTEND ALL DEVICE BOXES ON CORRIDOR WALL FOR NEW SHEET ROCK.
- ② UNIT TO BE REPLACED. DISCONNECT THE WIRING COMPLETELY FROM THE UNIT AND THE PANEL. ABANDON IN PLACE.
- ③ DISCONNECT EXISTING WATER HEATER DURING DEMOLITION. RECONNECT AFTER DEMOLITION IS COMPLETE.

GROUP MACKENZIE
 Architecture
 Interior Design
 Land Use Planning
 Civil Engineering
 Structural Engineering
 Transportation Planning

1000 NE Oregon Street, Suite 200
 Portland, OR 97232
 Phone: (503) 254-9300
 Fax: (503) 254-9305

INTERFACE ENGINEERING
 CONSULTING ENGINEERS

1000 NE Oregon Street, Suite 200
 Portland, OR 97232
 Phone: (503) 254-9300
 Fax: (503) 254-9305

Project
OFFICE REMODEL FOR THE DEPARTMENT OF CORRECTIONS

SALEM, OREGON

Mechanical/Electrical
INTERFACE ENGINEERING, INC.
 6542 SE Lake Road
 Milwaukie, Oregon 97222-2138
 Phone: (503) 659-6394
 FAX: (503) 659-9029

SHEET TITLE:
FLOOR PLAN ELECTRICAL DEMOLITION

RECORD DRAWING
 NOT FOR CONSTRUCTION
 RECORD DRAWING

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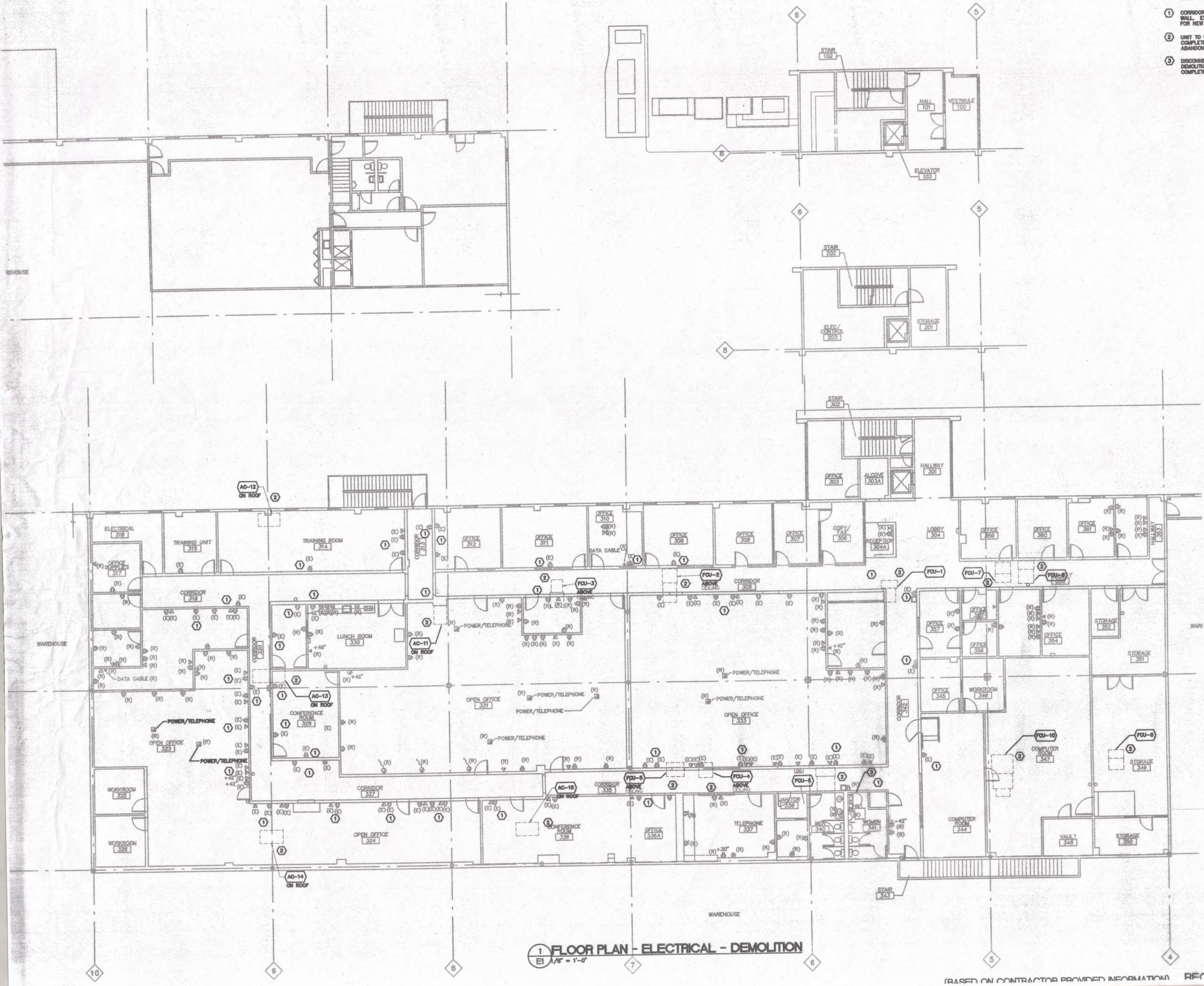
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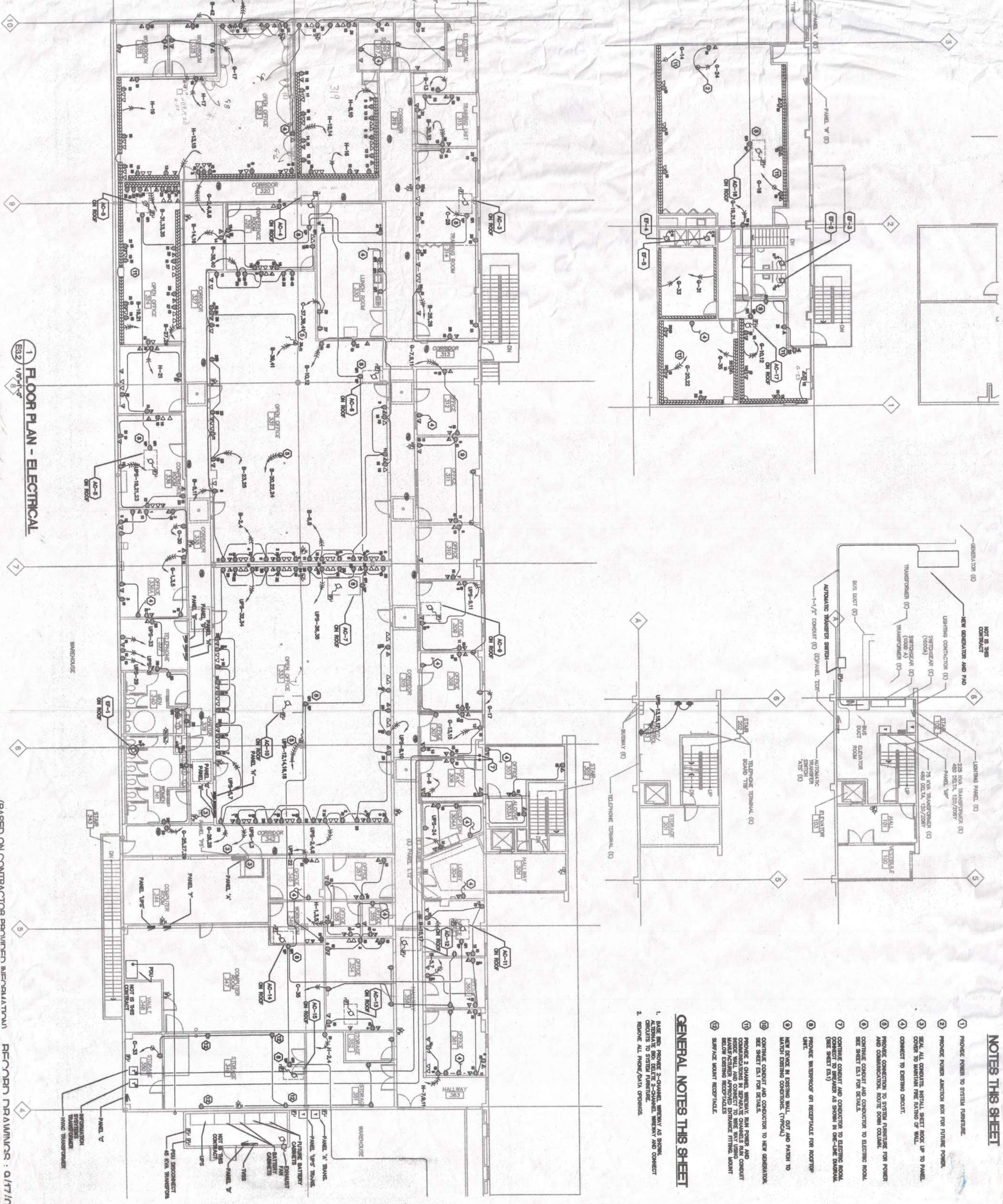
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 OF
 JOB NO. 298349

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1 FLOOR PLAN - ELECTRICAL - DEMOLITION
 EI 1/8" = 1'-0"

(BASED ON CONTRACTOR PROVIDED INFORMATION) RECORD DRAWINGS : 9/17/01



1 FLOOR PLAN - ELECTRICAL
E32 1/8"=1'-0"

REVISION DRAWINGS: 0/17/01

NOTES THIS SHEET

- 1 PROVIDE POWER TO SYSTEM FURNITURE.
- 2 PROVIDE POWER JUNCTION BOX FOR FUTURE POWER.
- 3 SET ALL CONDUIT METALL SHEET ROCK UP TO PANEL.
- 4 CONNECT TO EXISTING CIRCUIT.
- 5 PROVIDE CONNECTION TO SYSTEM FURNITURE FOR POWER AND COMMUNICATION. ROUTE DOWN COLUMN.
- 6 CONTINUE CONDUIT AND CONDUCTOR TO ELECTRIC ROOM. SEE SHEET E31 FOR DETAILS.
- 7 CONTINUE CONDUIT AND CONDUCTOR TO ELECTRIC ROOM (SEE SHEET E31).
- 8 PROVIDE WATERPROOF GFI RECEPTACLE FOR ROOFTOP UNIT.
- 9 NEW EXISTING IN EXISTING WALL. CUT AND PATCH TO MATCH EXISTING CONDITIONS. (TYPICAL)
- 10 CONTINUE CONDUIT AND CONDUCTOR TO NEW GENERATOR. SEE SHEET E31 FOR DETAILS.
- 11 PROVIDE 2 CHANNEL MERVIN RAIN POWER AND CONDUIT. PROVIDE 2 CHANNEL MERVIN RAIN POWER AND CONDUIT INSIDE WALL AND CONNECT TO WIRE WAY USING MANUFACTURER APPROVED FITTING. MOUNT BELOW EXISTING RECEPTABLES.
- 12 SURFACE MOUNT RECEPTABLE.

GENERAL NOTES THIS SHEET

1. BASE RISE PROVIDE 2-CHANNEL MERVIN AS SHOWN. PROVIDE 2 CHANNEL MERVIN RAIN POWER AND CONDUIT INSIDE WALL AND CONNECT TO SYSTEM FURNITURE.
2. REMOVE ALL PHONE/DATA OPENINGS.

