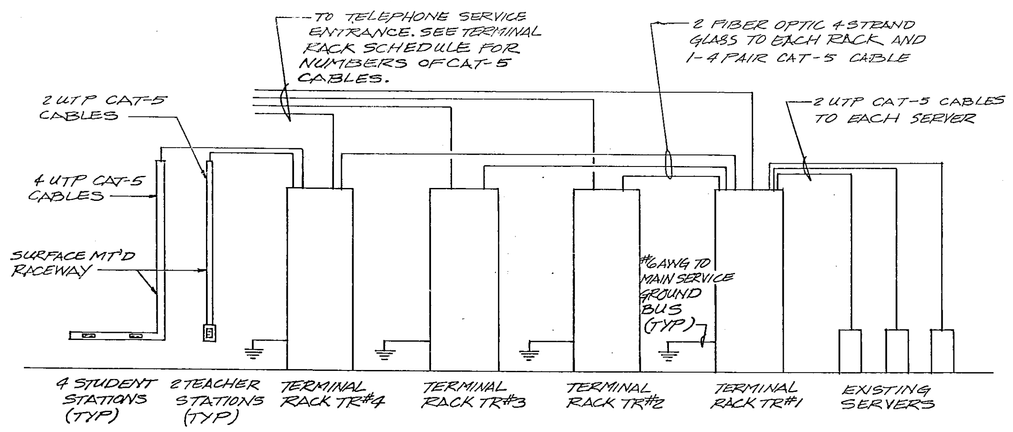
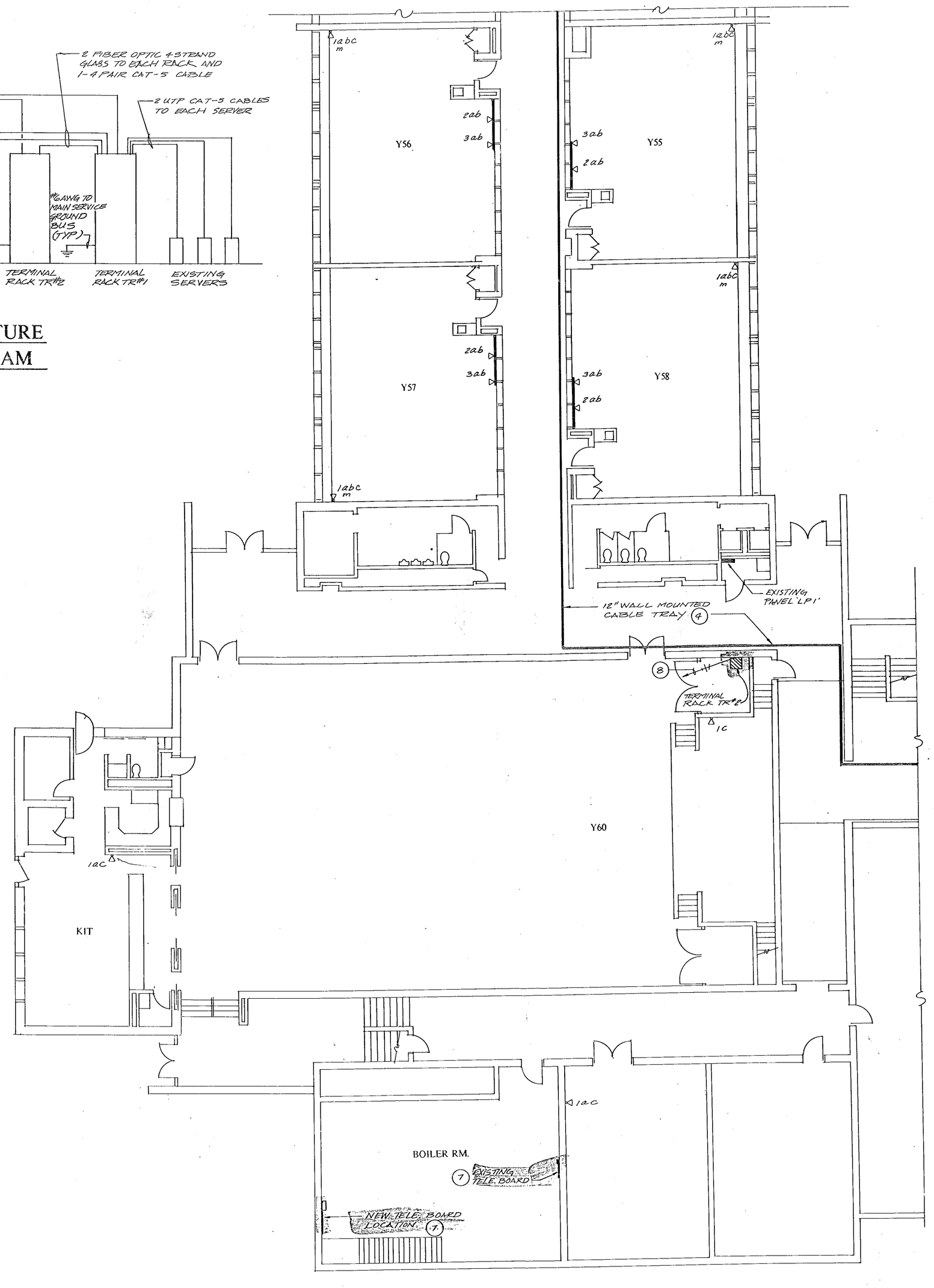


INTRASTRUCTURE RISER DIAGRAM

N.T.S.

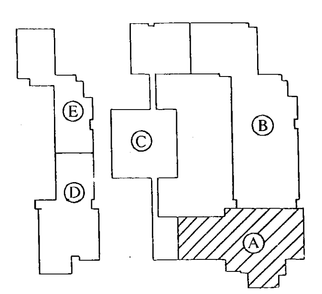


ELECTRICAL SYSTEM PLAN – UNIT A

NORTH

PLAN NOTES

1. ALL STATION DEVICES ON THIS DRAWING SHALL BE ROUTED TO TERMINAL RACK NO. 2.
2. CONTRACTOR SHALL SURFACE MOUNT CONDUIT AS HIGH TO CEILING AS POSSIBLE. WHEN AVAILABLE RUN CONDUIT ABOVE ACCESSIBLE CEILINGS TO THE NEW CABLE TRAY.
3. SEE WALL MOUNTED CABLE TRAY DETAIL ON DRAWING E2-D OF THIS SET.
4. THE FOLLOWING IS A DESCRIPTION OF WIRING DEVICE TO BE INSTALLED AT EACH STATION.
   a. DATA
   b. DATA
   c. TELEPHONE
   d. SERVER
5. CONTRACTOR SHALL RUN SURFACE MOUNTED RACEWAY FROM DEVICES TO ABOVE ACCESSIBLE CEILING. RUN CONDUIT TO WALL MOUNTED CABLE TRAY.
6. CONTRACTOR SHALL RUN TWO (2) FIBER OPTIC CABLES WITH FOUR (4) GLASS STRANDS EACH TO TERMINAL RACK #1. THIS WILL BE THE COMMUNICATION INFRASTRUCTURES CABLE BACKBONE SYSTEM.
7. INSTALL NEW 110 PATCH PANEL AT LOCATIONS SHOWN. CONTRACTOR SHALL TERMINAL NEW CAT-5 CABLE ON NEW TELEPHONE PATCH PANEL. PROVIDE TEMPORARY JUMPS TO KEEP EXISTING TELEPHONE IN SERVICE DURING SCHOOL HOURS. CONTRACTOR SHALL COORDINATE WITH LOCAL TELEPHONE COMPANY AND REMOVE ABANDONED TELEPHONE CABINET AND TERMINAL BOARD.
8. CONTRACTOR SHALL INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL 'LP1'. RUN 2 #12 AND 1 #12G IN 3/4" CONDUIT, FOR RACK POWER STRIP.



KEY PLAN NORTH

TIMOTHY V. MOORE REGISTERED No. 13315 STATE OF INDIANA PROFESSIONAL ENGINEER

PRINCIPAL / PROJECT ENGINEER

CERTIFIED BY: Timothy V. Moore
PRINCIPAL

CERTIFIED BY:
PROJECT ENGINEER

CERTIFIED BY:
PROJECT DESIGNER

REVISIONS

MARK	DATE	DESCRIPTION

1054

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COMMUNICATIONS INFRASTRUCTURE FOR DUNELAND SCHOOL CORPORATIO

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

TITLE:

YOST ELEMENTARY SCHOOL

DATE:	12 / 5 / 94
SCALE:	1/8" = 1'- 0"
COMM. NO:	94054
DRAWN BY:	R.D.C.

SHEET NO: E1--Y1

94E-01