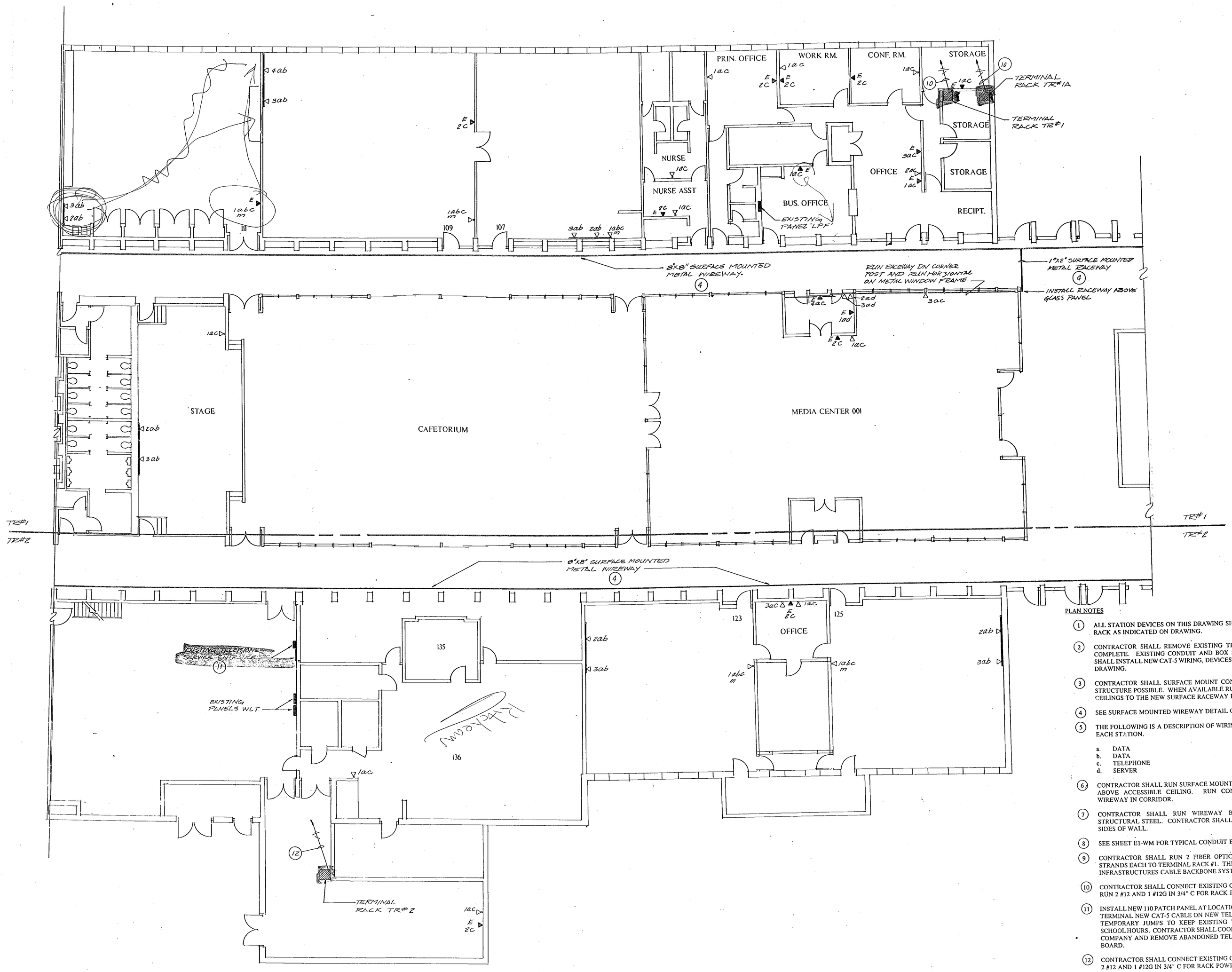
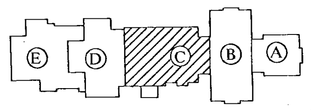


ELECTRICAL SYSTEM PLAN – UNIT C

PLAN NOTES

1. ALL STATION DEVICES ON THIS DRAWING SHALL BE ROUTED TO TERMINAL RACK AS INDICATED ON DRAWING.
2. CONTRACTOR SHALL REMOVE EXISTING TELEPHONE DEVICES AND WIRE COMPLETE. EXISTING CONDUIT AND BOX SHALL REMAIN. CONTRACTOR SHALL INSTALL NEW CAT-5 WIRING, DEVICES AND COVERS, AS INDICATED ON DRAWING.
3. CONTRACTOR SHALL SURFACE MOUNT CONDUIT AS HIGH TO CEILING OR STRUCTURE POSSIBLE. WHEN AVAILABLE RUN CONDUIT ABOVE ACCESSIBLE CEILINGS TO THE NEW SURFACE RACEWAY IN CORRIDOR.
4. SEE SURFACE MOUNTED WIREWAY DETAIL ON DRAWING E2-D OF THIS SET.
5. THE FOLLOWING IS A DESCRIPTION OF WIRING DEVICE TO BE INSTALLED AT EACH STATION.
   a. DATA
   b. DATA
   c. TELEPHONE
   d. SERVER
6. CONTRACTOR SHALL RUN SURFACE MOUNTED RACEWAY FROM DEVICES TO ABOVE ACCESSIBLE CEILING. RUN CONDUIT TO SURFACE MOUNTED WIREWAY IN CORRIDOR.
7. CONTRACTOR SHALL RUN WIREWAY BETWEEN GLASS PANELS AND STRUCTURAL STEEL. CONTRACTOR SHALL SEAL AROUND WIREWAY, BOTH SIDES OF WALL.
8. SEE SHEET E1-WM FOR TYPICAL CONDUIT ENTRY INTO CLASSROOMS.
9. CONTRACTOR SHALL RUN 2 FIBER OPTIC CABLES WITH FOUR (4) GLASS STRANDS EACH TO TERMINAL RACK #1. THIS WILL BE THE COMMUNICATION INFRASTRUCTURES CABLE BACKBONE SYSTEM.
10. CONTRACTOR SHALL CONNECT EXISTING CIRCUIT BREAKER IN PANEL 'LPF'. RUN 2 #12 AND 1 #12G IN 3/4" C FOR RACK POWER STRIP.
11. 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.
12. CONTRACTOR SHALL CONNECT EXISTING CIRCUIT BREAKER IN PANEL 'WLT'. 2 #12 AND 1 #12G IN 3/4" C FOR RACK POWER STRIP.



KEY PLAN

NORTH

15 Pages

TIMOTHY V. MOORE REGISTERED No. 13815 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

MOORE ENGINEERS
A PROFESSIONAL CORPORATION
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COMMUNICATIONS INFRASTRUCTURE FOR DUNELAND SCHOOL CORPORATION

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

TITLE:
WESTCHESTER MIDDLE SCHOOL

DATE:	12 / 5 / 94	SHEET NO:
SCALE:	1/8" = 1'- 0"	E3-WM
COMM. NO:	94054	
DRAWN BY:	R.D.C.	