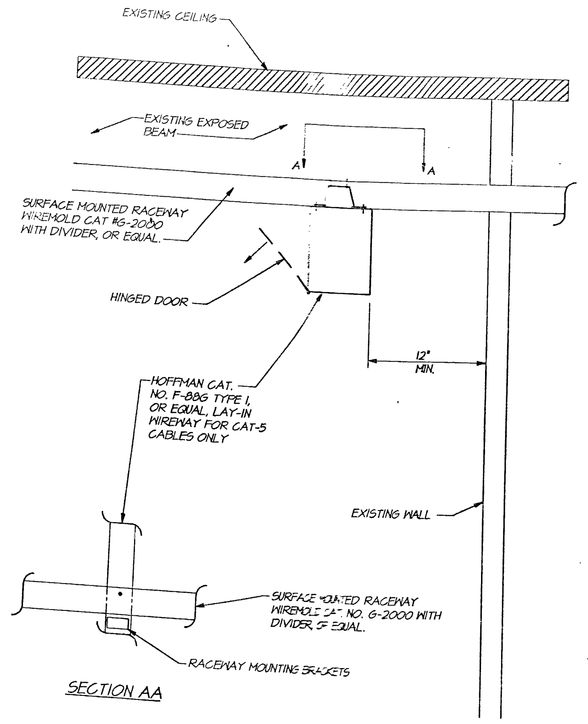
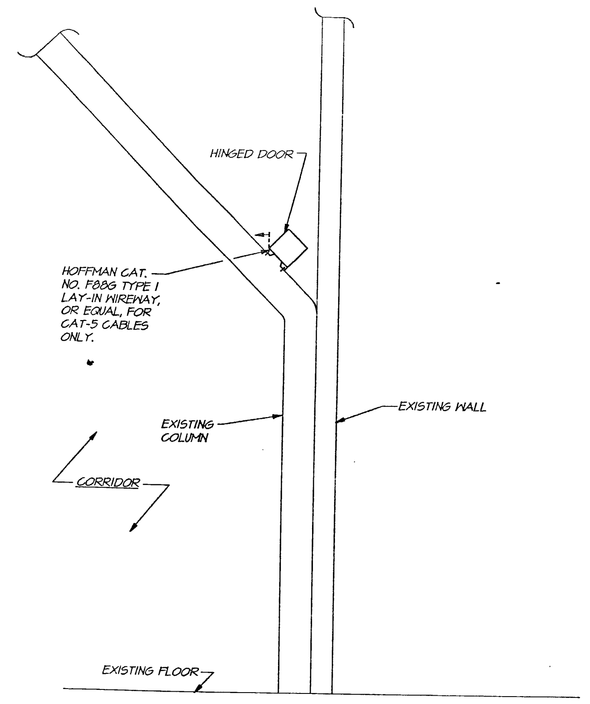


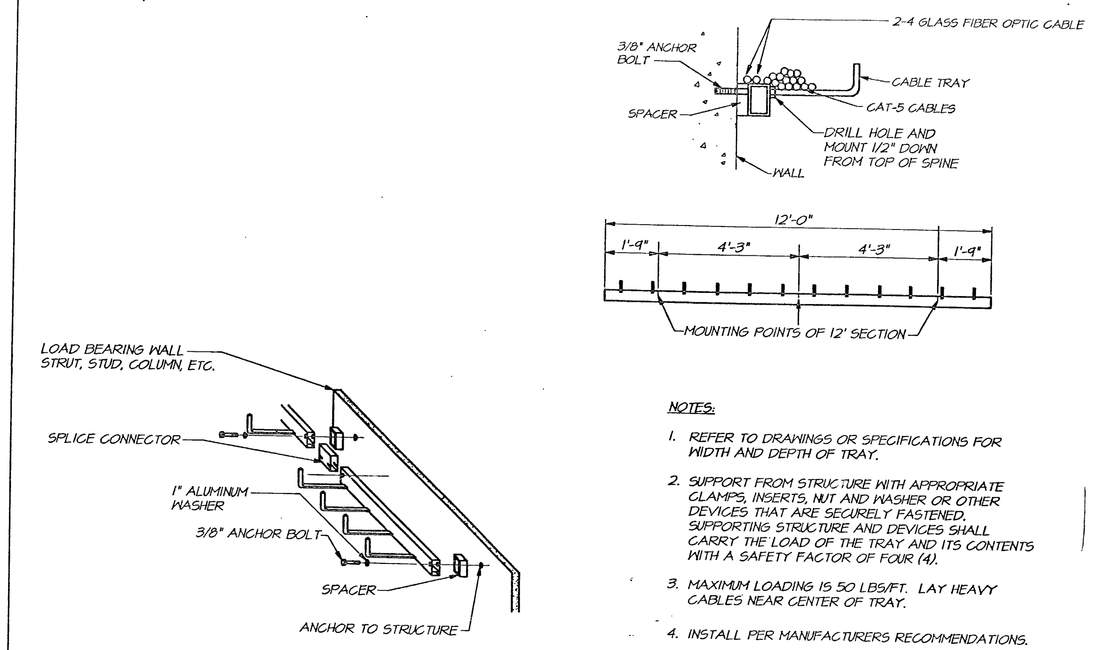

## WIREWAY MOUNTING DETAIL A

N.T.S.




## WIREWAY MOUNTING DETAIL B

N.T.S.

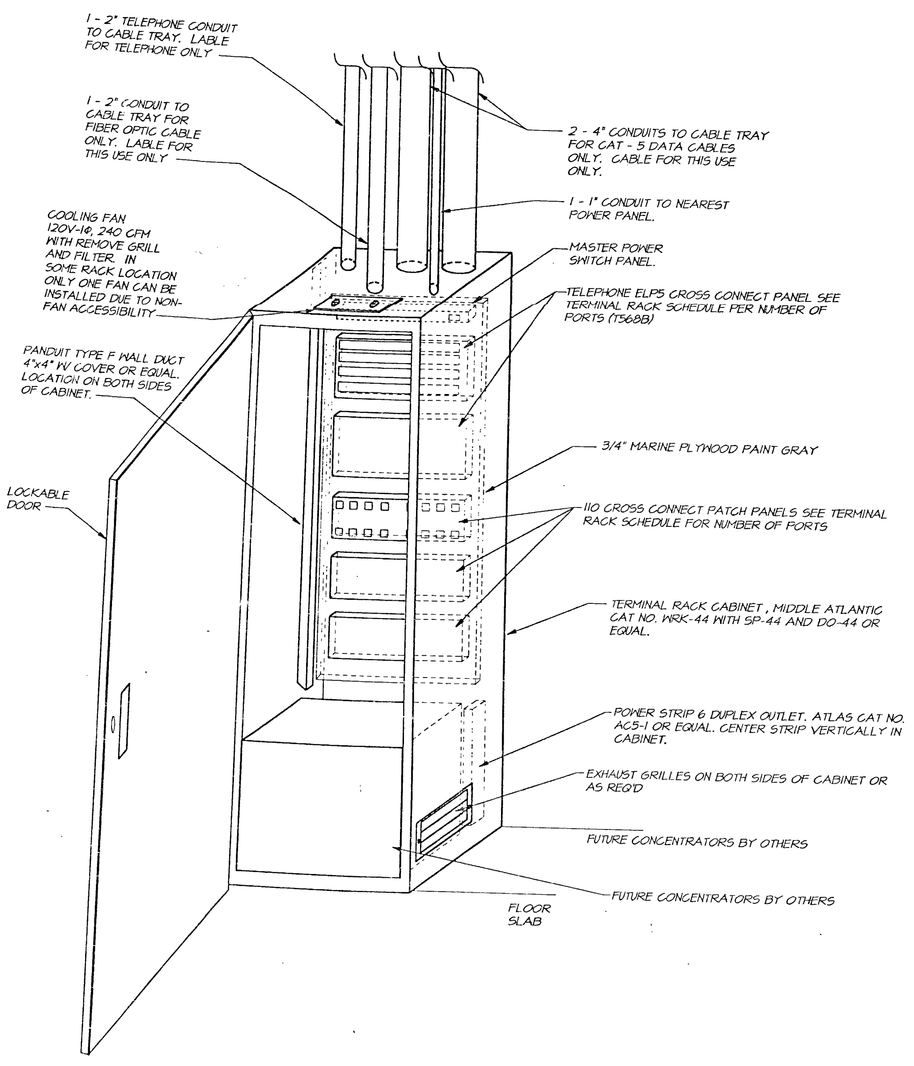



NOTES:

1. REFER TO DRAWINGS OR SPECIFICATIONS FOR WIDTH AND DEPTH OF TRAY.
2. SUPPORT FROM STRUCTURE WITH APPROPRIATE CLAMPS, INSERTS, NUT AND WASHER OR OTHER DEVICES THAT ARE SECURELY FASTENED. SUPPORTING STRUCTURE AND DEVICES SHALL CARRY THE LOAD OF THE TRAY AND ITS CONTENTS WITH A SAFETY FACTOR OF FOUR (4).
3. MAXIMUM LOADING IS 50 LBS/FT. LAY HEAVY CABLES NEAR CENTER OF TRAY.
4. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

## WALL RACK CABLE TRAY DETAILS

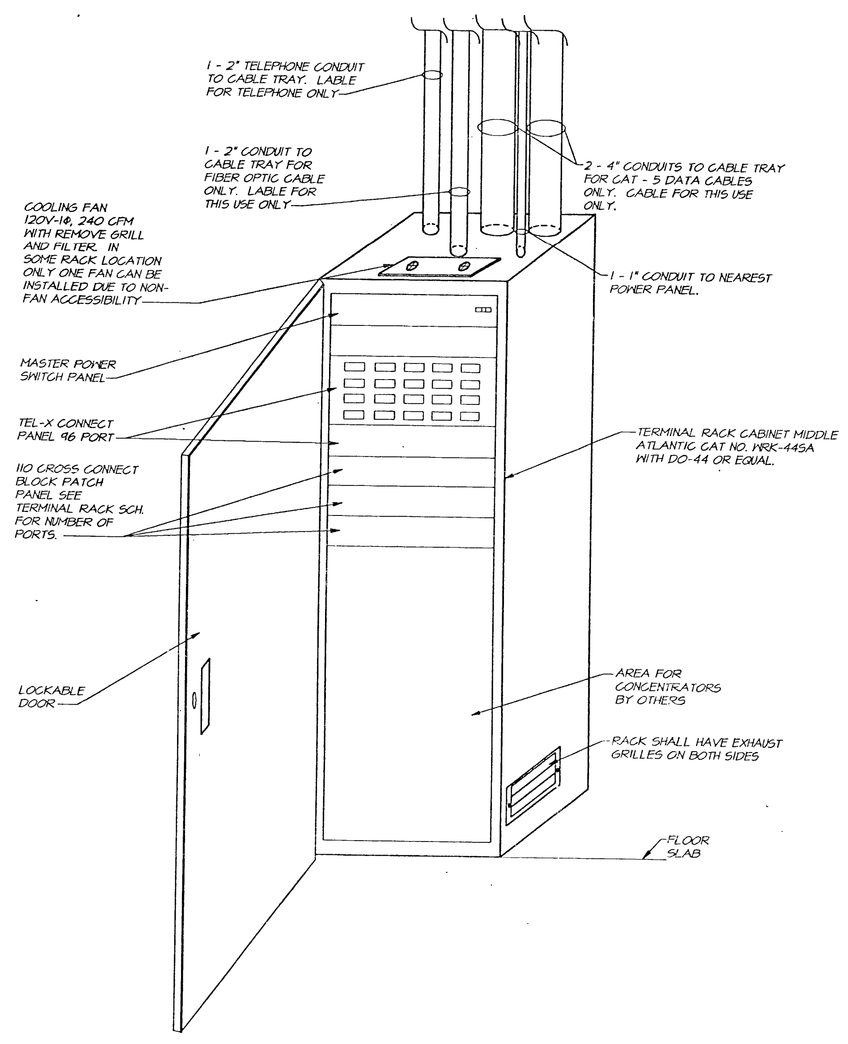
N.T.S.




NOTE: PROVIDE WIRE MANAGEMENT SYSTEM IN EACH TERMINAL RACK.

## TYPE B TERMINAL RACK ELEVATION

N.T.S.




NOTE: PROVIDE WIRE MANAGEMENT SYSTEM IN EACH TERMINAL RACK.

## TYPE A TERMINAL RACK ELEVATION

N.T.S.

## TERMINAL RACK SCHEDULE

| | RACK NO. | LOCATION | 110 PATCH PANELS | CONCENTRATOR | TELE-X CONNECT PANEL | PATCH CORDS 4 FT. DATA | PATCH CORDS 7 FT. DATA | TELE. CABLE | RACK TYPE |
|---|---|---|---|---|---|---|---|---|---|
| 1 | TR#1 | LIBERTY MIDDLE SCHOOL ROOM 100 | 96 PORTS | BY OTHERS 58 PORTS | 36 PORTS | 50 | 50 | 200' 200' 2 | B |
| 2 | TR#2 | L.M.S. ROOM 114 | 96 PORTS | BY OTHERS 46 PORTS | 36 PORTS | 50 | 50 | 500' 500' 2 | B |
| 3 | TR#3 | L.M.S. ROOM 511 | 96 PORTS | BY OTHERS 63 PORTS | 12 PORTS | 50 | 50 | 350' 350' 1 | A |
| 4 | TR#4 | L.M.S. ROOM 134 | 132 PORTS | BY OTHERS 48 PORTS | 24 PORTS | 66 | 66 | 280' 280' 2 | A |
| 5 | CR#1 | L.M.S. COMPUTER LAB | 48 PORTS | BY OTHERS 48 PORTS | - | 48 | - | 200' - | B |
| 6 | CR#2 | L.M.S. COMPUTER LAB | 48 PORTS | BY OTHERS 48 PORTS | - | 48 | - | - | B |
| 7 | TR#1 | NEWCHESTER M.S. ROOM 27B | 72 PORTS | BY OTHERS 40 PORTS | 24 PORTS | 40 | 40 | 400' 400' 2 | B |
| 8 | TR#1A | W.M.S. ROOM 27B | 60 PORTS | BY OTHERS 44 PORTS | 12 PORTS | 30 | 30 | 400' 1 | B |
| 9 | TR#2 | W.M.S. ROOM 37B | 48 PORTS | BY OTHERS 16 PORTS | 12 PORTS | 24 | 24 | 100' 1 | A |
| 10 | TR#3 | W.M.S. ROOM 126 | 96 PORTS | BY OTHERS 50 PORTS | 24 PORTS | 50 | 50 | 350' 350' 2 | B |
| 11 | TR#4 | W.M.S. ROOM 43A | 96 PORTS | BY OTHERS 58 PORTS | 24 PORTS | 50 | 50 | 450' 450' 2 | B |
| 12 | TR#5 | W.M.S. ROOM 110 | 96 PORTS | BY OTHERS 48 PORTS | 36 PORTS | 50 | 50 | 300' 350' 2 | B |
| 13 | CR#1 | W.M.S. COMPUTER LAB | 48 PORTS | BY OTHERS 48 PORTS | - | 48 | - | 350' - | B |
| 14 | CR#2 | W.M.S. COMPUTER LAB | 48 PORTS | BY OTHERS 48 PORTS | - | 48 | - | - | B |
| 15 | TR#1L | BAILLY ELEM. SCHOOL ROOM B14 | 96 PORTS | BY OTHERS 52 PORTS | 24 PORTS | 50 | 50 | 250' 250' 2 | B |
| 16 | TR#1R | BAILLY ELEM. SCHOOL ROOM B14 | 96 PORTS | BY OTHERS 53 PORTS | 24 PORTS | 50 | 50 | 250' 250' 2 | B |
| 17 | TR#2 | B.E.S. ROOM B14 | 96 PORTS | BY OTHERS 48 PORTS | 24 PORTS | 36 | 36 | 350 350 2 | B |
| 18 | TR#3 | B.E.S. ROOM 150 | 96 PORTS | BY OTHERS 71 PORTS | 24 PORTS | 50 | 50 | 250' 250' 2 | B |
| 19 | TR#4 | B.E.S. BOILER ROOM | 72 PORTS | BY OTHERS 47 PORTS | 24 PORTS | 36 | 36 | 100' 100' 1 | A |
| 20 | TR#1 | BRUMMITT ELEM. SCHOOL ROOM 12B | 108 PORTS | BY OTHERS 78 PORTS | 24 PORTS | 60 | 60 | 150' 150' 2 | B |
| 21 | TR#1A | B.T.E. ROOM 12B | 108 PORTS | BY OTHERS 73 PORTS | 24 PORTS | 60 | 60 | 100' 100' 2 | B |
| 22 | TR#2L | B.T.E. ROOM 126 | 72 PORTS | BY OTHERS 47 PORTS | 12 PORTS | 36 | 36 | 100' 1 | A |
| 23 | TR#2R | B.T.E. ROOM 126 | 72 PORTS | BY OTHERS 47 PORTS | 12 PORTS | 36 | 36 | 100' 1 | A |
| 24 | TR#1 | JACKSON ELEM. SCHOOL ROOM 13T | 132 PORTS | BY OTHERS 88 PORTS | 36 PORTS | 66 | 66 | 350' 350' 2 | A |
| 25 | TR#1A | J.E.S. ROOM 13T | 108 PORTS | BY OTHERS 63 PORTS | 36 PORTS | 66 | 66 | 250' 250' 2 | A |
| 26 | TR#2 | J.E.S. ROOM 124 | 108 PORTS | BY OTHERS 62 PORTS | 36 PORTS | 66 | 66 | 300' 300' 2 | A |
| 27 | TR#1 | LIBERTY ELEM. SCHOOL ROOM 12B | 132 PORTS | BY OTHERS 82 PORTS | 36 PORTS | 66 | 66 | 100' 100' 2 | B |
| 28 | TR#1A | L.E.S. ROOM 12B | 136 PORTS | BY OTHERS 82 PORTS | 24 PORTS | 66 | 66 | 100' 100' 2 | B |
| 29 | TR#2 | L.E.S. ROOM 126 | 96 PORTS | BY OTHERS 51 PORTS | 24 PORTS | 50 | 50 | 50' 50' 2 | A |
| 30 | TR#1 | YOST ELEM SCHOOL ROOM 112 | 96 PORTS | BY OTHERS 58 PORTS | 36 PORTS | 50 | 50 | 550' 550' 2 | B |
| 31 | TR#2 | Y.E.S. ROOM 511 | 72 PORTS | BY OTHERS 43 PORTS | 24 PORTS | 36 | 36 | 100' 100' 2 | A |
| 32 | TR#3 | Y.E.S. ROOM Y03 | 96 PORTS | BY OTHERS 64 PORTS | 24 PORTS | 36 | 36 | 350' 350' 2 | A |
| 33 | TR#4 | Y.E.S. ROOM Y35 | 96 PORTS | BY OTHERS 57 PORTS | 36 PORTS | 36 | 36 | 350' 350' 2 | B |
| | | | | | | TOTAL 1609 | TOTAL 1412 | TOTAL 7010 | |

TERMINAL SCHEDULE NOTES:

1. TELEPHONE CABLE SHALL BE 100 PAIR CABLE UNLESS OTHERWISE NOTED. CABLE SHALL BE RUN FROM TERIMAL RACK'S 110 BLOCKS TO TELEPHONE 66 BLOCKS AT MAIN TELEPHONE SERVICE. CONTRACTOR SHALL TERMINATE ALL 8 WIRES AT 110 BLOCKS AND AT THE TELEPHONE 66 BLOCK.

57000' 25PR

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 |
|---|---|---|
| | | |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COMMUNICATIONS INFRASTRUCTURE FOR DUNELAND SCHOOL CORPORATION

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

TITLE: ELECTRICAL DETAILS & SCHEDULES

| | |
|---|---|
| DATE: 12-5-94 | SHEET NO.: E2-D |
| SCALE: AS NOTED | |
| COMM. NO.: 94054 | |
| DRAWN BY: RDC/DJJ | |