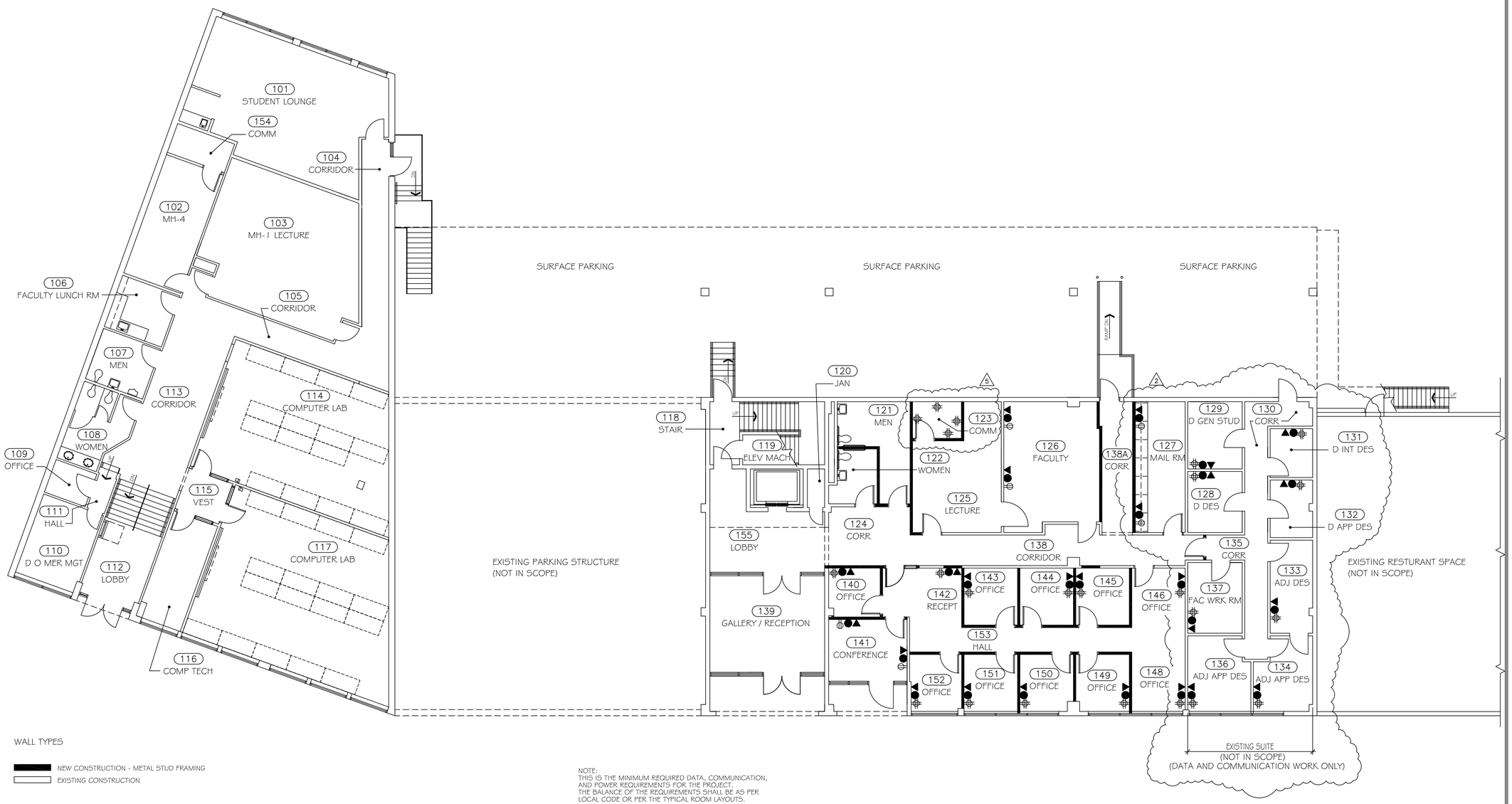


WALL TYPES

NEW CONSTRUCTION - METAL STUD FRAMING

EXISTING CONSTRUCTION

# 1 FIRST FLOOR COMMUNICATION / POWER PLAN

1/8" = 1'-0"

NOTE:
THIS IS THE MINIMUM REQUIRED DATA, COMMUNICATION, AND POWER REQUIREMENTS FOR THE PROJECT. THE BALANCE OF THE REQUIREMENTS SHALL BE AS PER LOCAL CODE OR PER THE TYPICAL ROOM LAYOUTS.

NOTE:
DATA AND VOICE RUNS SHALL BE MOUNTED TOGETHER IN A SINGLE GANG BOX WITH A FOUR (4) OUTLET SINGLE FACE PLATE.

◀ CAT 3 VOICE
SINGLE RUNS SPLIT INTO 2 JACKS FOR EACH SINGLE GANG BOX TERMINATE ON 66 BLOCK IN COMMUNICATION ROOM

● CAT 5 DATA
DUAL RUNS FOR EACH SINGLE GANG BOX TERMINATE ON CAT 5 PATCH PANEL IN COMMUNICATION ROOM

○ CAT 5 DATA
SINGLE RUN FOR COMPUTER LABS TERMINATE ON CAT 5 PATCH PANEL IN COMMUNICATION ROOM USE SEPARATE RACK FOR COMPUTER LAB TERMINATION

DUPLEX OUTLET

QUADPLEX OUTLET

MODULAR OFFICE OUTLET WITH PIGTAIL (FURNISHED WITH MODULAR OFFICE). INSTALLATION OF WIRING MUST BE COORDINATED CLOSELY WITH FURNITURE INSTALLERS.

(1) SPECIAL WIRE RUNS FOR FREE STANDING MODULAR OFFICE FURNITURE. DATA AND VOICE WIRING NEEDS TO BE RUN THROUGH RACEWAYS OF EACH MODULAR WALL, AND TERMINATED INTO SPECIFIED OUTLET ON MODULAR UNIT. LOCATION OF JACK DEPENDS ON LOCATION OF WORKSTATION AREA.

(2) EACH FREE STANDING MODULAR OFFICE NEEDS TO HAVE POWER WIRED DIRECTLY INTO THE PIGTAIL COMING FROM THE MODULAR OFFICE OUTLET.

19" X 7' ALUMINUM NETWORK RACK. A MINIMUM OF 2'-0" CLEAR MUST BE MAINTAINED AROUND NETWORK RACK.

NOTE:
COMMUNICATION ROOM SHALL BE WIRED WITH A MINIMUM OF (3) THREE DEDICATED POWER CIRCUITS ( 110V - 20A ). EACH DEDICATED CIRCUIT SHALL RECEIVE A QUADPLEX OUTLET. EACH OUTLET SHALL BE INSTALLED ON A DIFFERENT WALL IN THE COMMUNICATION ROOM. (SEE PLAN) FURNISH AND INSTALL 4' X 8' X 3/4" PLYWOOD ON BACK WALL FOR TELEPHONE COMPANY EQUIPMENT.

50 PAIR FEEDER CABLE SHALL ALWAYS BE RUN FROM DEMARCATION POINT TO COMMUNICATIONS ROOM. TERMINATE ON 66 BLOCK IN COMMUNICATION ROOM.

COMPUTER LABS SHALL BE WIRED WITH WIREMOLD SERIES 4000 METAL RACEWAY OR APPROVED EQUAL. WHERE TABLES ARE AGAINST A WALL MOUNT THE RACEWAY ON THE WALL 18" AFF. WHERE THE TABLES ARE FREE STANDING IN THE ROOM MOUNT THE RACEWAY ON THE FLOOR UNDER THE TABLES AT THE BACK OF THE TABLES.

DWG NAME: 98042F11.DWG
DWG SCALE: 1/8" = 1'-0"
DWG DATE: 04/16/1999

ISSUE DATE:
12 JUN 1998

| PLOT DATE: | 19 APR 1999 |
|---|---|
| REV NO: | REVISION DATE: |
| 1 | 08 JAN 1999 |
| 2 | 09 FEB 1999 |
| 3 | 24 FEB 1999 |
| 5 | 19 APR 1999 |

PROJECT NUMBER:
98-04

RENOVATIONS TO THE
ART INSTITUTES INTL @ PORTLAND
RECORD DRAWINGS
2000 SW FIFTH AVENUE
PORTLAND, OR 97201-4972
EDUCATION MANAGEMENT CORPORATION
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219 NORTH MAIN STREET
PITTSBURGH, PA. 15215-2020
PHONE NO. (412) 562-0900
FAX NO. (412) 781-6671

1ST FLOOR
COMM / POWER PLAN

DRAWING NUMBER: 3 ENTIRE SHEET
CP11