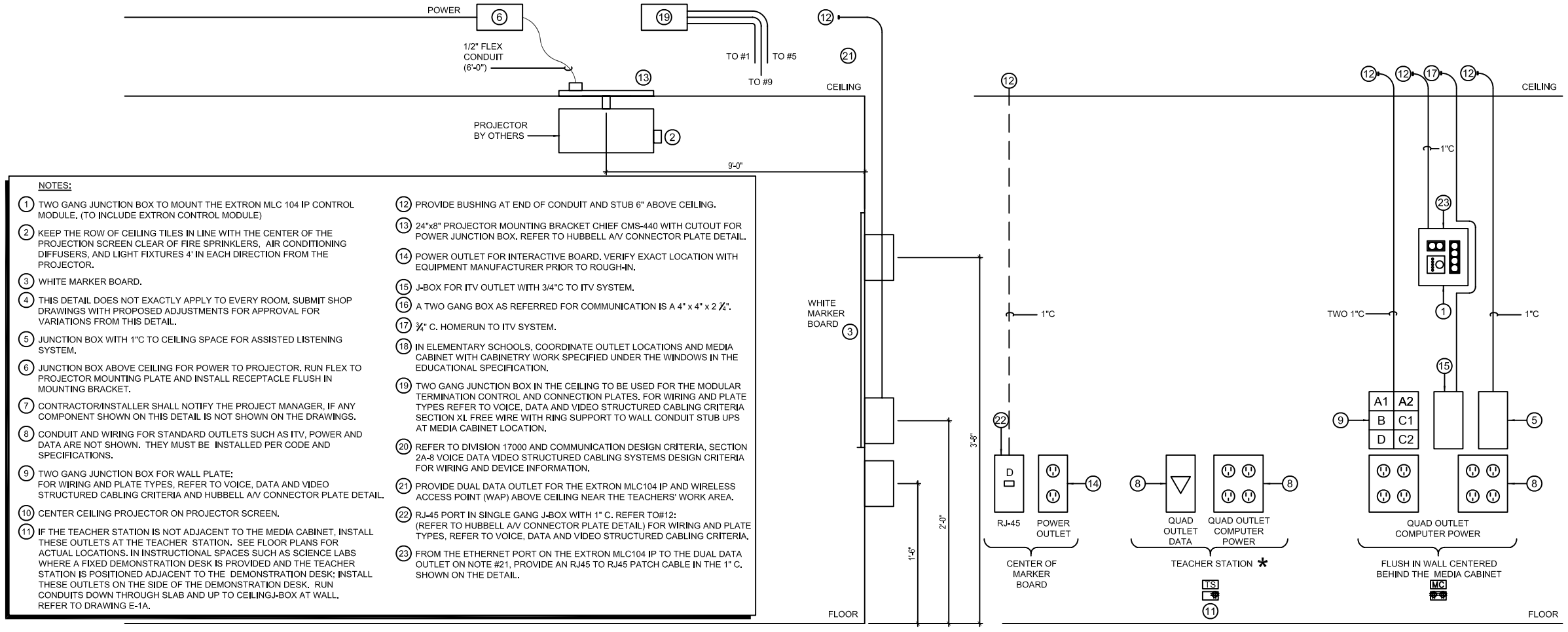


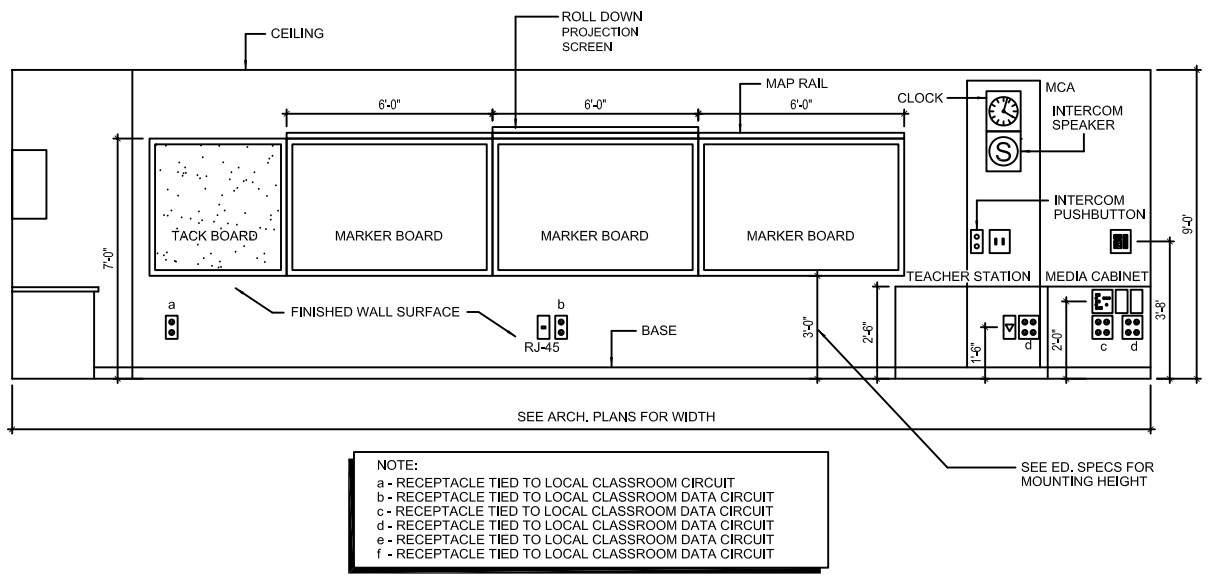
NOTES:

1. TWO GANG JUNCTION BOX TO MOUNT THE EXTRON MLC 104 IP CONTROL MODULE. (TO INCLUDE EXTRON CONTROL MODULE)
2. KEEP THE ROW OF CEILING TILES IN LINE WITH THE CENTER OF THE PROJECTION SCREEN CLEAR OF FIRE SPRINKLERS, AIR CONDITIONING DIFFUSERS, AND LIGHT FIXTURES 4' IN EACH DIRECTION FROM THE PROJECTOR.
3. WHITE MARKER BOARD.
4. THIS DETAIL DOES NOT EXACTLY APPLY TO EVERY ROOM. SUBMIT SHOP DRAWINGS WITH PROPOSED ADJUSTMENTS FOR APPROVAL FOR VARIATIONS FROM THIS DETAIL.
5. JUNCTION BOX WITH 1"C TO CEILING SPACE FOR ASSISTED LISTENING SYSTEM.
6. JUNCTION BOX ABOVE CEILING FOR POWER TO PROJECTOR. RUN FLEX TO PROJECTOR MOUNTING PLATE AND INSTALL RECEPTACLE FLUSH IN MOUNTING BRACKET.
7. CONTRACTOR/INSTALLER SHALL NOTIFY THE PROJECT MANAGER, IF ANY COMPONENT SHOWN ON THIS DETAIL IS NOT SHOWN ON THE DRAWINGS.
8. CONDUIT AND WIRING FOR STANDARD OUTLETS SUCH AS ITV, POWER AND DATA ARE NOT SHOWN. THEY MUST BE INSTALLED PER CODE AND SPECIFICATIONS.
9. TWO GANG JUNCTION BOX FOR WALL PLATE: FOR WIRING AND PLATE TYPES, REFER TO VOICE, DATA AND VIDEO STRUCTURED CABLING CRITERIA AND HUBBELL A/V CONNECTOR PLATE DETAIL.
10. CENTER CEILING PROJECTOR ON PROJECTOR SCREEN.
11. IF THE TEACHER STATION IS NOT ADJACENT TO THE MEDIA CABINET, INSTALL THESE OUTLETS AT THE TEACHER STATION. SEE FLOOR PLANS FOR ACTUAL LOCATIONS. IN INSTRUCTIONAL SPACES SUCH AS SCIENCE LABS WHERE A FIXED DEMONSTRATION DESK IS PROVIDED AND THE TEACHER STATION IS POSITIONED ADJACENT TO THE DEMONSTRATION DESK; INSTALL THESE OUTLETS ON THE SIDE OF THE DEMONSTRATION DESK. RUN CONDUITS DOWN THROUGH SLAB AND UP TO CEILINGJ-BOX AT WALL. REFER TO DRAWING E-1A.
12. PROVIDE BUSHING AT END OF CONDUIT AND STUB 6" ABOVE CEILING.
13. 24"x8" PROJECTOR MOUNTING BRACKET CHIEF CMS-440 WITH CUTOUT FOR POWER JUNCTION BOX. REFER TO HUBBELL A/V CONNECTOR PLATE DETAIL.
14. POWER OUTLET FOR INTERACTIVE BOARD. VERIFY EXACT LOCATION WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
15. J-BOX FOR ITV OUTLET WITH 3/4"C TO ITV SYSTEM.
16. A TWO GANG BOX AS REFERRED FOR COMMUNICATION IS A 4" x 4" x 2 ⅛".
17. ¾" C. HOMERUN TO ITV SYSTEM.
18. IN ELEMENTARY SCHOOLS, COORDINATE OUTLET LOCATIONS AND MEDIA CABINET WITH CABINETRY WORK SPECIFIED UNDER THE WINDOWS IN THE EDUCATIONAL SPECIFICATION.
19. TWO GANG JUNCTION BOX IN THE CEILING TO BE USED FOR THE MODULAR TERMINATION CONTROL AND CONNECTION PLATES, FOR WIRING AND PLATE TYPES REFER TO VOICE, DATA AND VIDEO STRUCTURED CABLING CRITERIA SECTION XL FREE WIRE WITH RING SUPPORT TO WALL CONDUIT STUB UPS AT MEDIA CABINET LOCATION.
20. REFER TO DIVISION 17000 AND COMMUNICATION DESIGN CRITERIA, SECTION 2A-8 VOICE DATA VIDEO STRUCTURED CABLING SYSTEMS DESIGN CRITERIA FOR WIRING AND DEVICE INFORMATION.
21. PROVIDE DUAL DATA OUTLET FOR THE EXTRON MLC104 IP AND WIRELESS ACCESS POINT (WAP) ABOVE CEILING NEAR THE TEACHERS' WORK AREA.
22. RJ-45 PORT IN SINGLE GANG J-BOX WITH 1" C. REFER TO#12: (REFER TO HUBBELL A/V CONNECTOR PLATE DETAIL) FOR WIRING AND PLATE TYPES, REFER TO VOICE, DATA AND VIDEO STRUCTURED CABLING CRITERIA.
23. FROM THE ETHERNET PORT ON THE EXTRON MLC104 IP TO THE DUAL DATA OUTLET ON NOTE #21, PROVIDE AN RJ45 TO RJ45 PATCH CABLE IN THE 1" C. SHOWN ON THE DETAIL.

1 GENERAL PROJECTOR WIRING DETAIL WITH MEDIA CABINET

* FOR SCIENCE CLASSROOM LAYOUT, REFER TO DRAWING E-1A

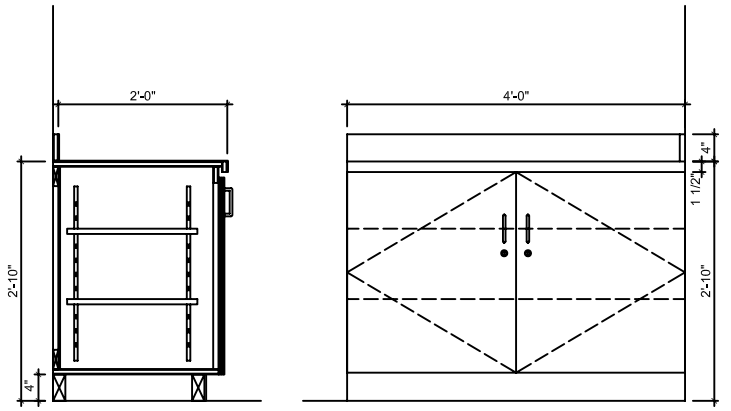
NOT TO SCALE



NOTE:
a - RECEPTACLE TIED TO LOCAL CLASSROOM CIRCUIT
b - RECEPTACLE TIED TO LOCAL CLASSROOM DATA CIRCUIT
c - RECEPTACLE TIED TO LOCAL CLASSROOM DATA CIRCUIT
d - RECEPTACLE TIED TO LOCAL CLASSROOM DATA CIRCUIT
e - RECEPTACLE TIED TO LOCAL CLASSROOM DATA CIRCUIT
f - RECEPTACLE TIED TO LOCAL CLASSROOM DATA CIRCUIT

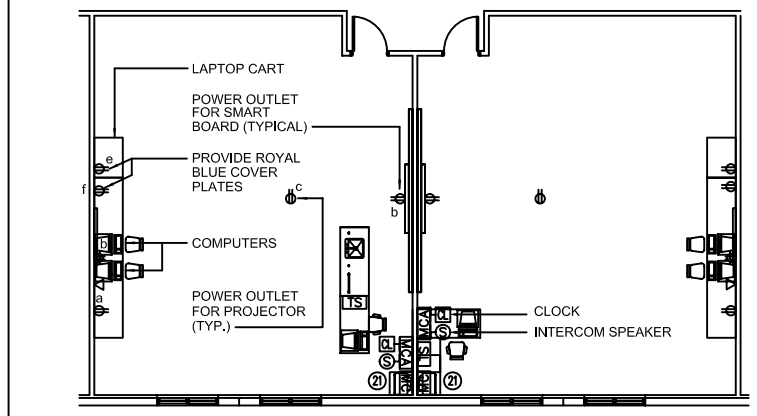
2 TYPICAL CLASSROOM ELEVATION

NOT TO SCALE

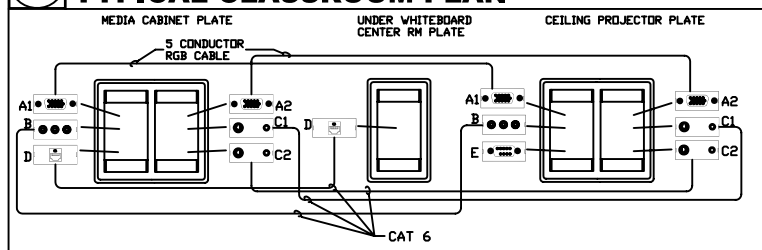


3 TYPICAL MEDIA CABINET

NOT TO SCALE



4 TYPICAL CLASSROOM PLAN



A1- HD-15 CONNECTOR FOR COMPUTER VIDEO
A2- HD-15 CONNECTOR FOR DOCUMENT CAMERA VIDEO
B- RCA CONNECTOR FOR DVD AUDIO/VIDEO
C1- SVIDEO/3.5mm STEREO COMBO CONNECTOR FOR AUDIO OUT TO PROJECTOR
C2- SVIDEO/3.5mm STEREO COMBO CONNECTOR FOR AUDIO IN FROM PROJECTOR
D- RJ-45 CONNECTOR FOR PROMETHEAN COMMUNICATION
E- 9 PIN SERIAL CONNECTOR FOR EXTRON/PROJECTOR COMMUNICATION

5 HUBBELL A/V CONNECTOR PLATES

NOT TO SCALE

REVISIONS

1	03-26-08	PER E.T.S. COMMENTS
2	07-14-08	PER E.T.S. COMMENTS
3	08-21-08	PER E.T.S. COMMENTS
4	10-27-08	PER E.T.S. COMMENTS
5	01-26-09	PER E.T.S. COMMENTS
6	04-23-09	PER E.T.S. COMMENTS

SUBMISSIONS

1	BUILDING DEPARTMENT REVIEW / COMMENT

THE SCHOOL BOARD OF BROWARD COUNTY, FLORIDA
FACILITIES & CONSTRUCTION MANAGEMENT
DESIGN SERVICES
1700 S.W. 14th Court Fort Lauderdale, Florida 33312

INSTRUCTIONAL SPACES TYPICAL LAYOUT DETAIL

CADD FILE NAME

COMPLETION DATE
NOVEMBER 29, 2007

DRAWN BY:
ARIEL C. LOPEZ

REVIEWED BY:
PERLA TARRAU-AYALA,P.E.

ENGINEER OF RECORD:
PERLA TARRAU-AYALA, P.E.
P.E. No. 53280

SHEET NUMBER
E-1
Sheet 1 of 2