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 PROJECT ARCHITECT

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**CENTER FOR ADVANCED LEARNING TECHNOLOGY**  
**SKYLINE COLLEGE**  
 SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT  
 SAN BRUNO, CALIFORNIA 94066  
 3300 COLLEGE DRIVE

**PLAN LEGENDS:**

- 1 AFM-6S COMBINATION DATA/POWER ACCESS FLOOR MODULE BY THOMAS & BETTS WITH (2) DUPLEX POWER RECEPTACLES PANELS ON OPPOSITE SIDES AFP-6SL & AFP-6SR AND (2) DATA T & B OMNI RJ45 DEVICE PANELS, AFD-6SRU ON OPPOSITE SIDES.
- 2 NUMBER NEXT TO FLOOR BOX DENOTES THE NUMBER OF CAT-5 CABLES AND RJ-45 MODULAR JACKS INSTALLED. GROUP CABLES FROM OTHER FLOOR OUTLETS & HOMERUN CABLE UNDER NEW RAISED FLOOR TO MAIN SERVER ROOM #2108N. (SEE KEY NOTE 11 & 12 FOR ADDITIONAL HOMERUNS IN ROOM #2111 ONLY.)
- 3 PC TO CEILING PROJECTOR OUTLET. INSTALL 4/S BOX 2 1/2" DEEP WITH GANG RING. AT INSTRUCTOR'S DESK RUN 1" CONDUIT IN NEW WALLS TO ACCESSIBLE CEILING. USE NONMETALLIC TWO PIECE SURFACE RACEWAY BY WIREMOLD #800BC ON EXISTING OR CONCRETE WALLS
- 4 SINGLE MODULE RJ-45 WALL DATA OUTLET. PROVIDE 4/S BOX 2 1/2" DEEP WITH GANG RING. RUN 1" FLEXIBLE STEEL CONDUIT 6" INTO ACCESSIBLE FLOOR SPACE (MINIMUM BENDING RADIUS SHALL BE 6"). INSTALL ONE (1) CAT-5 CABLE FROM OUTLET UNSPLICED TO "DR1" IN ROOM #2108N.
- 5 TWO (2) MODULE RJ-45 WALL DATA OUTLET. PROVIDE 4/S BOX 2 1/2" DEEP WITH GANG RING. RUN 1" FLEXIBLE STEEL CONDUIT 6" INTO ACCESSIBLE FLOOR SPACE (MINIMUM BENDING RADIUS SHALL BE 6"). INSTALL TWO (2) CAT-5 CABLES FROM OUTLET UNSPLICED TO "DR1" IN ROOM #2108N.
- 6 FOUR (4) MODULE RJ-45 WALL DATA OUTLET (3 USED). PROVIDE 4/S BOX 2 1/2" DEEP WITH GANG RING. RUN (2) 1" FLEXIBLE STEEL CONDUIT 6" INTO ACCESSIBLE FLOOR SPACE (MINIMUM BENDING RADIUS SHALL BE 6"). INSTALL THREE (3) CAT-5 CABLES FROM OUTLET UNSPLICED TO "DR1" IN ROOM #2108N.
- 7 COMBINATION RJ-45 AND RJ-11 VOICE/DATA WALL OUTLET. PROVIDE 4/S BOX 2 1/2" DEEP WITH GANG RING. RUN 1" FLEXIBLE STEEL CONDUIT 6" INTO ACCESSIBLE FLOOR SPACE (MINIMUM BENDING RADIUS SHALL BE 6"). INSTALL TWO (2) CAT-5 CABLES. TERMINATE VOICE CABLE ON PHONE BOARD "TTC-C1BA" AND DATA CABLE ON "DR1" IN ROOM #2108N.
- 8 SAME AS SINGLE MODULE RJ-45 WALL DATA OUTLET EXCEPT DEDICATED FOR PRINTER. WORD PRINTER SHALL BE ENGRAVED ON WALL PLATE. IN ROOMS #2110, 2111 AND OTHER ROOMS WITH CONCRETE WALLS, USE PANDUIT SURFACE BOX (SEE SPECIFICATIONS) AND WIREMOLD NON-METALLIC SURFACE RACEWAY BY WIREMOLD #800BC TO ACCESSIBLE FLOOR SPACE.
- 9 FLOOR MOUNT 7x19" DATA RACK "DR1" THRU "DR4" INDICATES RACK DESIGNATIONS.
- 10 SAME AS 10 EXCEPT WITH RJ-11 TELEPHONE MODULE. SEE SPECIFIC KEY NOTES FOR NUMBER OF DATA AND PHONE JACKS.
- 11 "DR1" DATA CABLE HOME RUN. "DR1" OR "DR3" DENOTES THE DESTINATION DATA RACK. NUMBER "16" INDICATES THE NUMBER OF CAT-5 CABLES GROUPED AND TIE WRAPPED TOGETHER. ALL HOMERUNS SHALL BE RUN IN NEW 3" RAISED FLOOR SPACE.

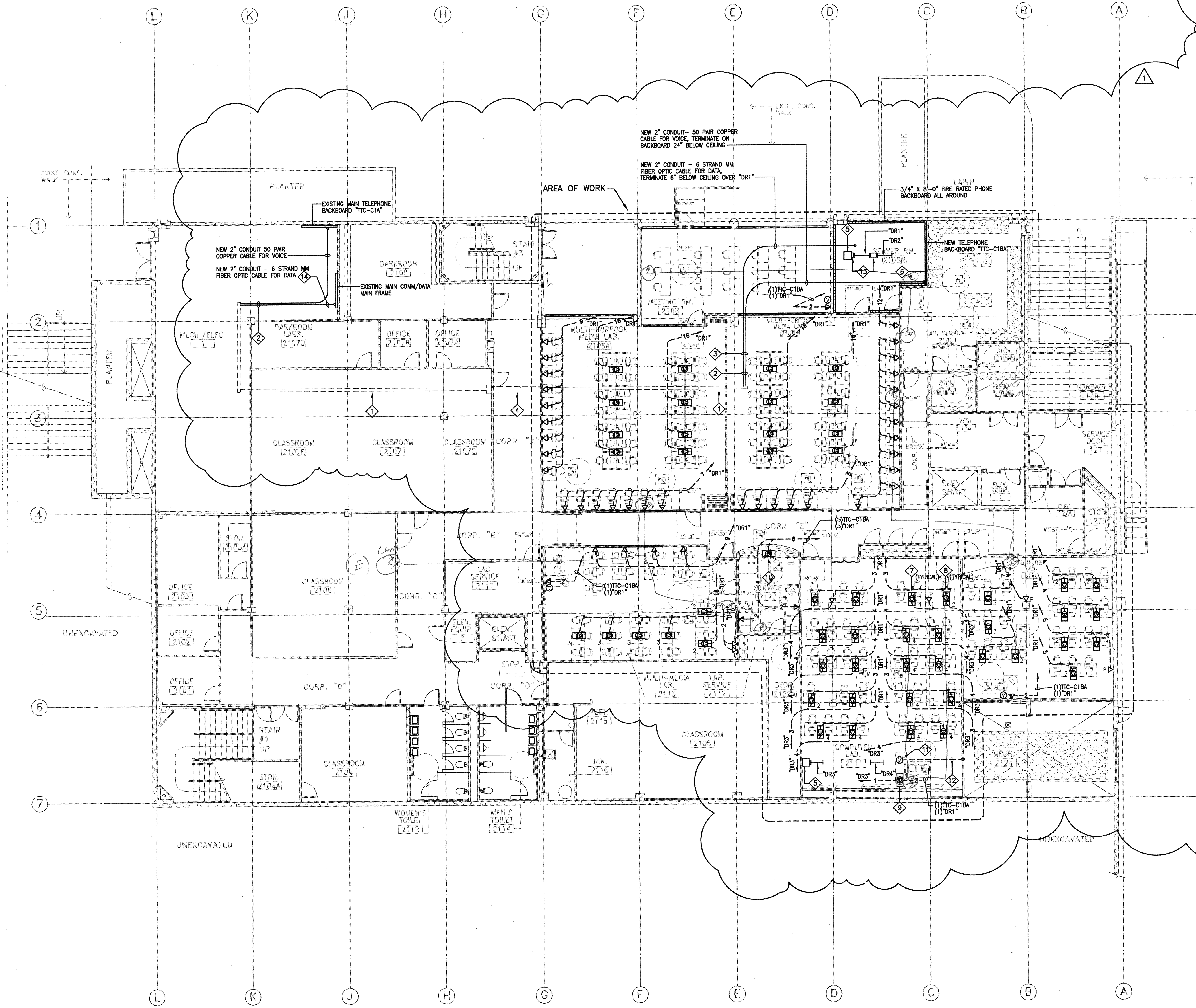
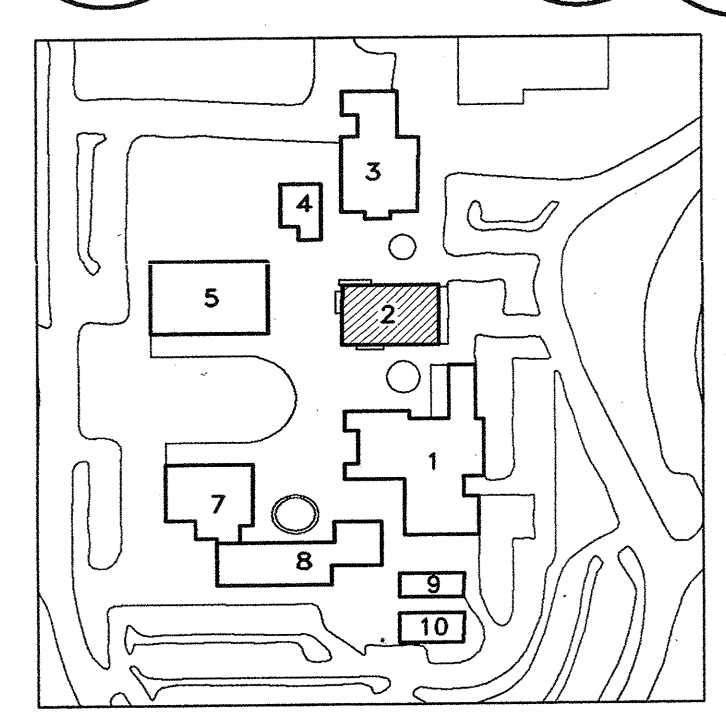
**KEY NOTES:**

- 1 EXISTING EXPOSED CABLE TRAY BELOW CEILING. USE THIS TRAY TO CARRY (1) 6 STRAND MM FIBER OPTIC CABLE FROM "DR1" TO MAIN DATA BACKBOARD AND (1) 50 PAIR COPPER CABLE FROM NEW TELEPHONE BACKBOARD "TTC-C1BA" TO MAIN TELEPHONE BACKBOARD "TTC-C1A" IN MAIN ELECTRICAL ROOM.
- 2 INSTALL NEW CONDUITS ABOVE CABLE TO CARRY FIBER OPTIC AND TELEPHONE CABLE TO DATA RACK AND TELEPHONE BACKBOARD.
- 3 PAINT CONDUITS IN EXPOSED AREAS TO BLEND IN WITH CONCRETE SLAB.
- 4 USE EXISTING SPARE CONDUITS TO CROSS OVER CORRIDOR.
- 5 MAKE 12"x12" OPENING IN RAISED FLOOR TO COLLECT AND RAISE CABLES TO DATA RACK. OPENING SHALL BE PROPERLY TRIMMED WITH PLASTIC MOULDING TO AVOID DAMAGE TO CABLES. ADDITIONALLY THE OPENING SHALL BE REINFORCED WITH CORNER SUPPORTS BELOW FLOOR.
- 6 TERMINATE AND PUNCH DOWN TELEPHONE CABLES ON THIS WALL.
- 7 CAT-5 CABLES FROM (2) RJ-45 MODULES SHALL BE HOME RUNNED TO MAIN SERVER ROOM. COLOR CODE THESE JACKS ORANGE. THE CAT-5 CABLES FROM REMAINING (2) RJ-45 MODULES SHALL BE COLOR CODED BLUE AND SHALL BE HOME RUNNED TO "DR3". THIS IS TYPICAL FOR ALL QUAD DATA FLOOR BOXES IN ROOM #2111 (U.N.O.)
- 8 CAT-5 CABLE FROM (1) RJ-45 MODULE SHALL BE HOME RUNNED TO MAIN SERVER ROOM. COLOR CODE THIS JACK ORANGE. THE CAT-5 CABLE FROM 2ND RJ-45 MODULE SHALL BE COLOR CODED BLUE AND SHALL BE HOME RUNNED TO "DR3". THIS IS TYPICAL FOR ALL DUPLEX DATA FLOOR BOXES IN ROOM #2111.
- 9 THIS FLOOR BOX SHALL HAVE (2) RJ-45 MODULES AND (1) RJ-11 VOICE MODULE. CAT-5 FROM RJ-11 SHALL BE HOME RUNNED TO "TTC-C1BA".
- 10 THIS FLOOR BOX SHALL HAVE (1) RJ-11 AND (1) RJ-45 MODULE.
- 11 WALKER STEEL SINGLE SERVICE FLOOR BOX #8858 WITH 896 COVER PLATE. FOR VIDEO SIGNAL FROM PC TO PROJECTOR.
- 12 RUN 1" CONDUIT IN RAISED FLOOR, STUB UP IN WALL TO 6" ABOVE FINISHED CEILING.
- 13 VERTICAL CABLING MANAGEMENT SECTION BY B-LINE #SB-572-084
- 14 CONTRACTOR MAY USE EXISTING SPARE INNERDUCT (OR CONDUIT) TO RUN NEW FIBER OPTIC CABLE TO DATA BACKBOARD.

**SPECIFIC NOTES FOR ROOM #2111 AND SERVER ROOM #2108N:**

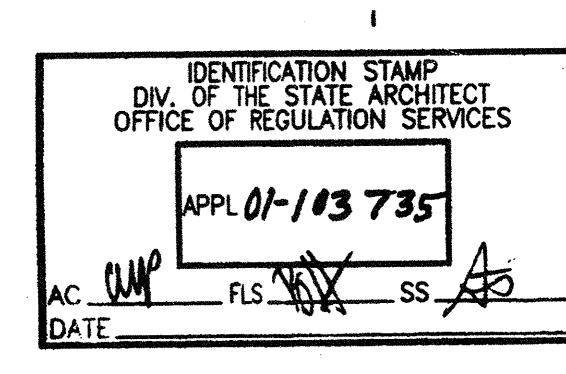
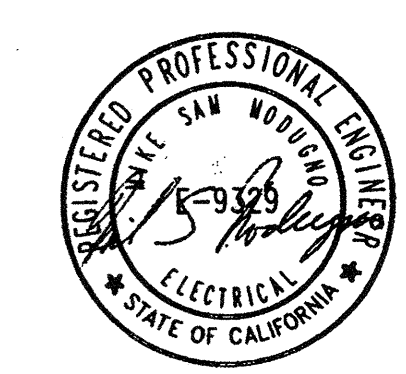
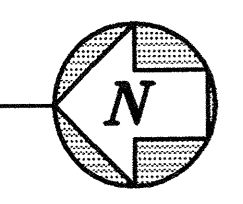
**ROOM #2111:**  
 VERIFY LOCATION OF DATA RACKS AND EXACT ROUTING OF CABLES WITHIN THIS ROOM WITH MR. OMER THOMPSON OF SKYLINE'S TELECOMMUNICATIONS DEPARTMENT PRIOR TO ANY WORK IN THIS ROOM (TEL.: 650-738-4341)

**ROOM #2108N, SERVER ROOM:**  
 VERIFY LOCATION OF DATA RACKS, ORIENTATION OF RACKS AND ROUTING OF ALL CABLES WITHIN THIS ROOM WITH MR. MICHAEL HART OF SMCCD NETWORK AND DATABASE ADMINISTRATOR PRIOR TO ANY WORK IN THIS ROOM (TEL.: 650-358-6709)



**R E M O D E L**

1st LEVEL FLOOR PLAN BUILDING # 2  
 SCALE: 1/8" = 1'-0"



△	BID SET REVISIONS	10/25/01
	DSA SUBMITTAL	06/15/01
NO.	DESCRIPTION	DATE
		BY

DRAWN	LOG
CHECKED	DK
DATE	03/21/01
JOB NO.	98-03
SHEET TITLE	
1ST FLOOR PARTIAL COMMUNICATION FLOOR PLAN	
incl. clock plan	
SHEET	
E-2.4	