

NEW ADMINISTRATION CENTER
AND
ALTERNATIVE SCHOOL CLASSROOM REMODEL
TECHNOLOGY SYSTEMS

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DRAWING INDEX

- T-0.0 TITLE, LEGEND, INDEX, AND CONDUIT RISER
- T-0.1 GROUNDING STANDARDS
- T-1.1 FLOOR PLAN - AREA "A"
- T-1.2 FLOOR PLAN - AREA "B"
- T-2.1 REFLECTED CEILING - AREA "A"
- T-2.2 REFLECTED CEILING - AREA "B"
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- T-3.2 DETAILS - 2
- T-3.3 DETAILS - 3
- T-3.4 DETAILS - 4

MISCELLANEOUS DEVICE LEGEND

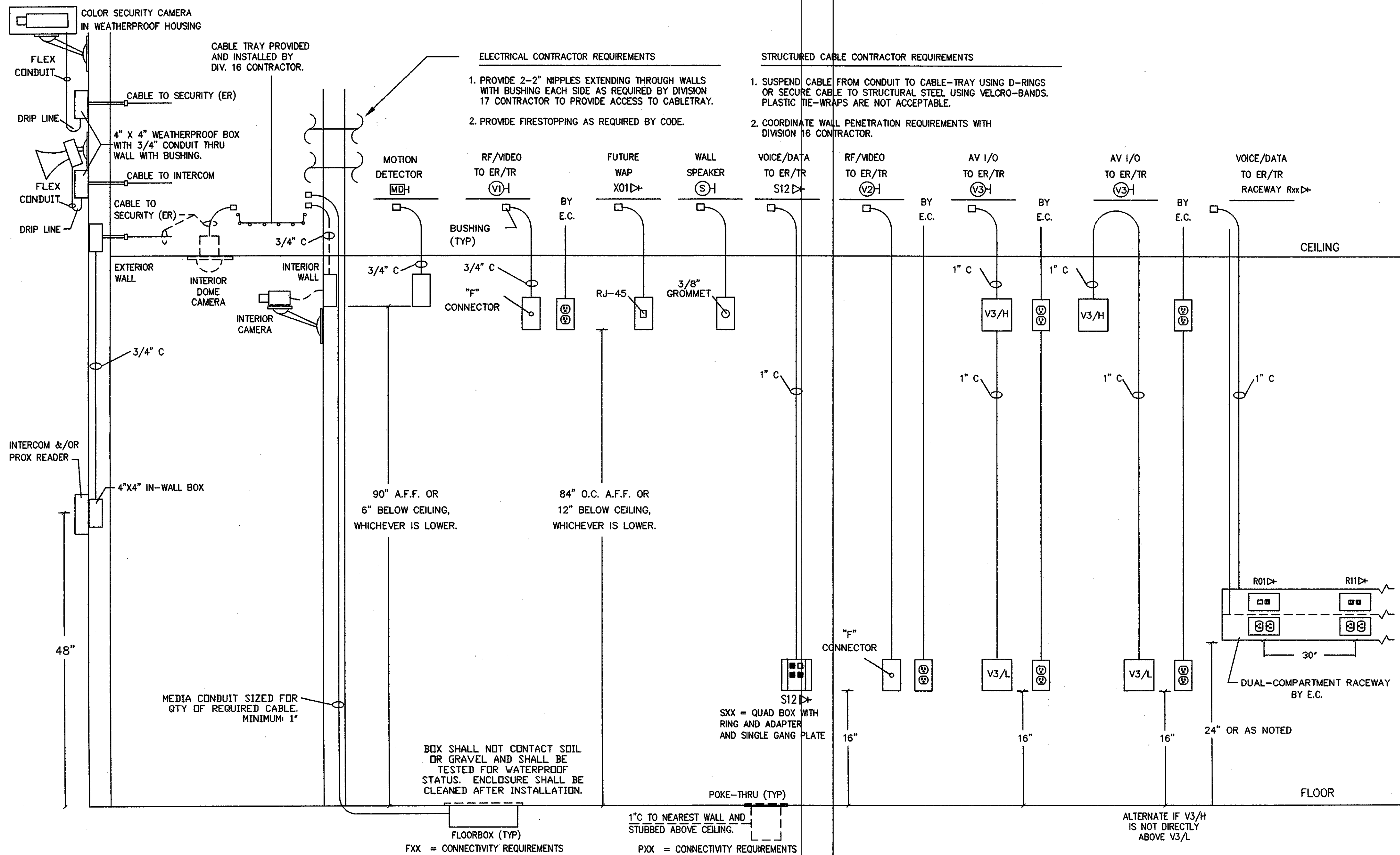
- DESK LOCATED TELEPHONE
- WALL MOUNTED TELEPHONE
- FLOORBOX - PROVIDED/INSTALLED BY DIVISION 16. DIV 17 RESPONSIBLE FOR CONNECTIVITY.
- POKE-THROUGH - PROVIDED/INSTALLED BY DIVISION 16. DIV 17 RESPONSIBLE FOR CONNECTIVITY.
- MULTI-MEDIA TELEVISION/MONITOR. PROVIDE AND MOUNT ONE PER LOCATION, MINIMUM 80" AFF. NUMBER DENOTES SIZE.
- V1, V2 & V4 TV & PODIUM PLATES, SEE DETAIL DRAWINGS
- CLASSROOM DUAL TRACK RACEWAY, SEE DETAIL T-5.1 (1)
- 3/4" O.D. MINIMUM CONDUIT TO CABLE TRAY
- CABLE TRAY
- 4"x4"x2" JUNCTION BOX
- MICROPHONE RECEPTACLE, 16" AFF.
- MICROPHONE RECEPTACLE, 16" AFF. NUMBER DENOTES QTY IN PLATE.
- ADMINISTRATIVE CONTROL STATION - INTERCOM
- WALL MOUNTED A.V. SPEAKER.
- CENTRAL SOUND SPEAKER - RECESSED CEILING MOUNT.
- GYMNASIUM SOUND REINFORCEMENT SPEAKER CLUSTER.
- INTERCOM HORN SPEAKER - INTERNAL
- INTERCOM HORN SPEAKER - WEATHERPROOF
- CCTV SECURITY CAMERA
- CCTV SECURITY CAMERA - EXTERNAL WEATHERPROOF HOUSING.
- CCTV SECURITY CAMERA - INTERNAL SECURITY HOUSING.
- CCTV SECURITY CAMERA - INTERNAL DOME TYPE
- CCTV SECURITY CAMERA - WEATHERPROOF EXTERNAL DOME

MISCELLANEOUS DEVICE LEGEND (con't)

- 22" X 26.5" AV EQUIPMENT RACK WITH 4" PVC CONDUIT FROM TOP THRU CEILING WITH BUSHING.
- 19" OPEN FRAME TELECOMMUNICATIONS RACK MOUNTED TO FLOOR.
- 19" OPEN FRAME TELECOMMUNICATIONS RACK MOUNTED TO FLOOR. VERTICAL CABLE ORGANIZER INSTALLED.
- ENCLOSED TELECOMMUNICATIONS RACK WITH TRANSLUCENT, FRONT DOOR W/LOCK AND VERTICAL CABLE ORGANIZERS.
- WALL TELEPHONE (RIGHT) AND CALL BUTTON, SEE DRAWING T.x.x (x).
- TELEPHONE (LEFT) AND CALL BUTTON, SEE DRAWING T.x.x (x).
- CARD READER - SWIPE TYPE, 42" AFF.
- CARD READER - PROXIMITY TYPE, 42" AFF.
- KEY PAD, 42" AFF.
- DOOR CONTACT SWITCH
- 2G BOX W/A/V PLATE - 44" AFF
- 2'X2' CEILING PAN MOUNT FOR LCD PROJECTOR OR MONITOR.
- TV WALL MOUNT - 84" AFF, UNLESS NOTED.
- LCD PROJECTOR.
- INTERCOM STATION - MASTER
- AIPHONE VIDEO/VOICE STATION, 51" AFF.
- MOTION DETECTOR - 90" AFF, UNLESS NOTED.
- INTERCOM MASTER, COORDINATE LOCATION WITH OWNER.
- VOLUME CONTROL, COORDINATE MTG. HEIGHT WITH LIGHT SWITCH.
- KEY PAD CAMERA, 60" AFF.
- WALL TELEPHONE, 54" AFF.
- 1/4" PHONE JACK IN PLATE FOR FLOOR MONITOR SPEAKER.
- REMOTE DISPLAY UNIT, COORDINATE LOCATION WITH OWNER

TELECOM PLATE/PORT LEGEND

- EXAMPLE: S111
- BOX/PLATE TYPE TELECOM DATA LOCATION
VOICE PORT QTY DATA PORT QTY
- BOX/PLATE TYPES
- S = DUAL GANG BOX, 16" A.F.F. WITH SINGLE GANG PLATE
 - Q = DUAL GANG BOX, 16" A.F.F. WITH DUAL GANG PLATE
 - W = DUAL GANG BOX, 48" A.F.F. WITH SINGLE GANG PLATE
 - P = POKE-THRU TYPE FLOOR-BOX
 - F = FLOOR-BOX
 - R = RACEWAY PLATE
 - X = SINGLE GANG BOX, 84" AFF WITH SINGLE GANG PLATE
 - FUTURE WIRELESS ACCESS POINT
 - WOO = PROVIDE 18" OF CABLE COILED NEATLY IN BOX FOR PAYPHONE INSTALLATION



GENERAL CONDUIT RISER NOTES

- ALL TELECOMMUNICATION, DATA, AND AUDIO-VISUAL CABLE TRAY, CONDUIT, BOXES, WIRE-WAYS, AND PULL-CORDS SHOWN ON TECHNOLOGY (T) DRAWINGS ARE PROVIDED AND INSTALLED BY DIVISION 16 ELECTRICAL CONTRACTOR FOR USE BY RESPECTIVE DIVISION 17 TECHNOLOGY CONTRACTOR(S). SEE DIVISION 16 SPECIFICATIONS FOR PRODUCT REQUIREMENTS.
- BOXES NOTED AS "SPECIAL" OR OTHERWISE NOTED TO BE SUPPLIED BY RESPECTIVE DIVISION 17 TECHNOLOGY CONTRACTOR TO DIVISION 16 ELECTRICAL CONTRACTOR FOR INSTALLATION. ELECTRICAL CONTRACTOR SHALL COORDINATE PLACEMENT OF BOXES AND CONDUIT WITH RESPECTIVE DIVISION 17 TECHNOLOGY CONTRACTOR.
- DIVISION 16 ELECTRICAL CONTRACTOR SHALL COORDINATE PLACEMENT AND PROXIMITY OF TELECOMMUNICATION, DATA AND AUDIO-VISUAL BOXES WITH RESPECT TO ELECTRICAL DUPLEX BOX LOCATIONS TO PRESENT GOOD VISUAL SYMMETRY AND APPEARANCE. HEIGHT AFF SHALL MATCH ELECTRICAL BOX HEIGHT AFF. DIFFERENT HEIGHTS OF ADJACENT BOXES ARE UNACCEPTABLE.
- BLANK COVER AND GENERAL APPLICATION PLATES FOR TELECOMMUNICATION BOXES SUPPLIED AND INSTALLED BY TELECOMMUNICATION CONTRACTOR. ALL IN-WALL, SURFACE, DUAL-COMPARTMENT RACEWAY, AND FLOOR-BOX OPENINGS SHALL BE PROVIDED WITH A BLANK OR GENERAL APPLICATION PLATE. NO BOX OPENING SHALL BE LEFT OPEN.
- FINISH OF ALL COVER AND GENERAL APPLICATION PLATES SHALL BE COORDINATED WITH ARCHITECT.
- ALL TELECOMMUNICATION, DATA, AND AUDIO-VISUAL CONDUIT SHALL BE 3/4" O.D. MINIMUM, EXCEPT AS NOTED.
- TECHNOLOGY CONDUIT STUBBED ABOVE CEILING SHALL BE PROVIDED WITH PLASTIC EXIT BUSHING FOR PROTECTION OF ALL WIRE AND CABLE.
- E.C. TO PROVIDE AND INSTALL 4" X 4" X 2-1/2" BOXES EXCEPT WHERE OTHERWISE NOTED. WHERE SINGLE-GANG PLATE IS REQUIRED, SUPPLY AND INSTALL APPROPRIATE DRY-WALL REDUCTION RING OR MOUNTING PLATE.
- E.C. SHALL BE RESPONSIBLE FOR REMOVAL OF WATER AND ALL MISCELLANEOUS DEBRIS IN BLOOR-BOXES AND ASSOCIATED CONDUIT PRIOR TO INSTALLATION OF TELECOMMUNICATION AND/OR AUDIO-VISUAL CONTRACTOR'S WIRE AND CABLE.
- E.C. SHALL BE RESPONSIBLE FOR ROUGH-IN REQUIREMENTS FOR ALL COMMUNICATION DEVICES, AUDIO VISUAL DEVICES AND SECURITY DEVICES.
- E.C. SHALL INSTALL PULL CORD IN ALL CONDUIT TO BE USED BY TECHNOLOGY CONTRACTORS.
- E.C. TO PROVIDE/INSTALL 4" X 4" 2-1/2" BOX AT 16" AFF WITH APPROPRIATE DRYWALL REDUCTION RING OR PLATE FOR MOUNTING DIVISION 17 TECHNOLOGY SUPPLIED AND INSTALLED (S)SINGLE-GANG APPLICATION OR BLANK PLATE. EXTEND 3/4" MINIMUM CONDUIT FROM TOP OF BOX MINIMUM 6" ABOVE CEILING WITH 90° ELBOW AND PLASTIC EXIT BUSHING IN DIRECTION OF NEAREST CABLE TRAY. TELECOM CONTRACTOR TO PROVIDE/INSTALL SINGLE GANG PLATE AND JACK(S) AS SPECIFIED.
- E.C. TO PROVIDE/INSTALL 4" X 4" 2-1/2" BOX AT 16" AFF FOR MOUNTING OF DIVISION 17 TECHNOLOGY SUPPLIED AND INSTALLED (Q)QUAD APPLICATION OR BLANK PLATE. EXTEND 1" MINIMUM CONDUIT FROM TOP OF BOX MINIMUM 6" ABOVE CEILING WITH 90° ELBOW AND PLASTIC EXIT BUSHING IN DIRECTION OF NEAREST CABLE TRAY. TELECOM CONTRACTOR TO PROVIDE/INSTALL SINGLE GANG PLATE AND JACK(S) AS SPECIFIED.
- E.C. TO PROVIDE/INSTALL 4" X 4" 2-1/2" BOX AT 48" AFF WITH APPROPRIATE DRYWALL REDUCTION RING OR PLATE FOR MOUNTING DIVISION 17 TECHNOLOGY SUPPLIED AND INSTALLED (S)SINGLE-GANG APPLICATION OR BLANK PLATE. EXTEND 3/4" MINIMUM CONDUIT FROM TOP OF BOX MINIMUM 6" ABOVE CEILING WITH 90° ELBOW AND PLASTIC EXIT BUSHING IN DIRECTION OF NEAREST CABLE TRAY. TELECOM CONTRACTOR TO PROVIDE/INSTALL SINGLE GANG PLATE AND JACK(S) AS SPECIFIED.
- E.C. TO PROVIDE/INSTALL FLOORBOX AS SPECIFIED IN DIVISION 16 FOR DIVISION 17 TECHNOLOGY APPLICATION SPECIFIED USE. EXTEND 1" MINIMUM CONDUIT FROM EACH DESIGNATED COMPARTMENT AS ILLUSTRATED TO WALL NEAREST CABLE TRAY, THENCE MINIMUM 6" ABOVE CEILING WITH 90° ELBOW AND PLASTIC EXIT BUSHING IN DIRECTION OF NEAREST CABLE TRAY. RESPECTIVE DIVISION 17 TECHNOLOGY CONTRACTOR TO PROVIDE/INSTALL SINGLE GANG PLATE(S) AND JACK(S) AS SPECIFIED.
- E.C. TO PROVIDE/INSTALL DUAL COMPARTMENT RACEWAY AS SPECIFIED IN DIVISION 16 AT 24" AFF OR AS NOTED AND ILLUSTRATED IN "E" SERIES DRAWINGS AND ADJACENT DETAIL THIS SHEET. IN NEW WALL CONSTRUCTION, EXTEND 1" MINIMUM CONDUIT COMPARTMENT FEED FROM RACEWAY IN-WALL MINIMUM 6" ABOVE CEILING WITH 90° ELBOW AND PLASTIC EXIT BUSHING IN DIRECTION OF NEAREST CABLE TRAY. IN RE-MODEL CONSTRUCTION, EXTEND SURFACE-MOUNT 1" C OR MINIMUM EQUIVALENT SURFACE CONDUIT COMPARTMENT FEED FROM RACEWAY 6" ABOVE CEILING WITH 90° ELBOW AND PLASTIC EXIT BUSHING IN DIRECTION OF NEAREST CABLE TRAY. TELECOM CONTRACTOR TO PROVIDE/INSTALL SINGLE GANG PLATE(S) AND JACK(S) AS SPECIFIED AND ILLUSTRATED.
- E.C. TO PROVIDE/INSTALL 4" X 4" 2-1/2" BOX AT 84" AFF WITH APPROPRIATE DRYWALL REDUCTION RING OR PLATE FOR MOUNTING DIVISION 17 TECHNOLOGY SUPPLIED AND INSTALLED (S)SINGLE-GANG APPLICATION OR BLANK PLATE. EXTEND 3/4" MINIMUM CONDUIT FROM TOP OF BOX MINIMUM 6" ABOVE CEILING WITH 90° ELBOW AND PLASTIC EXIT BUSHING IN DIRECTION OF NEAREST CABLE TRAY. TELECOM CONTRACTOR TO PROVIDE/INSTALL SINGLE GANG PLATE AND JACK(S) AS SPECIFIED.

REVISIONS BY

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TITLE, LEGEND, INDEX AND CONDUIT RISER
DUNELAND SCHOOLS ADMINISTRATION CENTER
CHESTERTON, IN
651 W. MORGAN AVENUE
gerometta & kinel architects, inc.

DATE 12-10-04
SCALE 1/8"=1'-0"
DRAWN RJJ
JOB 2103
SHEET
T-0.0
OF SHEETS