

CONDUIT CONCEALED ABOVE CEILING OR IN WALL WHEREVER POSSIBLE.

- ABOVE FINISH FLOOR. RUN A 1 INCH CONDUIT UP ABOVE CEILING.  
 TERMINATE AND FUSE CONDUIT DOUBLE GANG RECESSED JUNCTION BOX WITH COVER PLATE MOUNTED AT 44" A.F.F. RUN A DEDICATED 1 CONDUIT ABOVE CEILING.  
 VIDEO OUTLET WITH DOUBLE GANG RECESSED BOX RUN 1" DEDICATED CONDUIT STUBBED ABOVE CEILING. SEE DETAILS 8 AND 9/E-15 FOR ADDITIONAL INFORMATION.  
 RADIO STUDIO ON AIR SIGN, POWER AND CONTROL FROM A RELAY PROVIDED BY OWNER. DIVISION 16 TO PROVIDE AND INSTALL SIGN RUN A 3/4" CONDUIT ABOVE CEILING FOR FUTURE USE.  
 RADIO STUDIO RECORDING SIGN, POWER AND CONTROL FROM A RELAY PROVIDED BY OWNER. DIVISION 16 TO PROVIDE AND INSTALL SIGN RUN A 3/4" CONDUIT ABOVE CEILING FOR FUTURE USE.  
 POOL STARTING BOX.  
 TV HEAD-ON EQUIPMENT.  
 EXTERIOR WALL MOUNTED CLOSED CIRCUIT TV CAMERA WIRE TO SECURITY SYSTEM.  
 TV AUDIO/VIDEO CAMERA JACK. MOUNTED AT 12 INCHES BELOW FINISH CEILING.  
 NONINCANDESCENT, HID OR FLUORESCENT LIGHTING FIXTURE - LOWER CASE LETTER INDICATES INCANDESCENT, HID OR FLUORESCENT FIXTURE WIRE TO EMERGENCY PANEL.  
 WALL MOUNTED NONINCANDESCENT OR HID LIGHTING FIXTURE.  
 FLUORESCENT LIGHTING FIXTURE.  
 FLUORESCENT LIGHTING FIXTURE CONNECTED TO EMERGENCY BATTERY PACK. (TTL INDICATES NIGHT LIGHT FIXTURES.)  
 EXIT LIGHTING FIXTURE. FIXTURE TYPE "X8-1" UNLESS NOTED OTHERWISE.  
 EMERGENCY BATTERY PACK FIXTURE.  
 POLE MOUNTED FIXTURE, NUMBER OF HEADS AS PER DRAWINGS.  
 POLE TOP MOUNTED FIXTURE, NUMBER OF LAMPS AS PER DRAWINGS.  
 SPORTS LIGHTING  
 FRESNEL FIXTURE  
 ELLIPSOIDAL FIXTURE  
 BROADBELL LIGHT OR CYCLOPAMA FIXTURE  
 FOLLOW SPOT  
 GENERAL PURPOSE, 1-POLE SWITCH.  
 GENERAL PURPOSE, 3-WAY SWITCH.  
 GENERAL PURPOSE, 4-WAY SWITCH.  
 GENERAL PURPOSE KEY-OPERATED SWITCH  
 MANUAL STARTING SWITCH WITH THERMAL OVERLOAD PROTECTION  
 AND PILOT LIGHT TYPE "S1-2". REFER TO SCHEDULES B SECTION 16155.  
 GENERAL PURPOSE, 1-POLE SWITCH WITH PILOT LIGHT.  
 MAINTAIN OR MOMENTARY CONTACT SWITCH. (SUFFIX "K" INDICATES KEY OPERATED SWITCH.)  
 MANUAL, FUSIBLE STARTING SWITCH, SCHEDULE "B" SECT. 16155, TYPE "B6-1" OR "B6-2".  
 BACKSTOP KEY SWITCH  
 SPEED SWITCH  
 LIGHTING CONTRACTOR  
 SEE SPEC SECT. 16155.  
 WALL DIMMER SWITCH (2000 WATT RATING UNLESS OTHERWISE NOTED.)  
 SPRING WOUND THERM SWITCH (7-6). USE MARKTIME OR PARAGON.  
 OVERHEAD DOOR CONTROLLER  
 TRANSFORMER  
 PNEUMATIC-ELECTRIC SWITCH.  
 THERMOSTAT  
 ELECTRIC PANELBOARDS.  
 ADJUSTABLE CONNECTION.  
 SUPERVENARY VALVE CONNECTION.  
 FLOW SWITCH CONNECTION.  
 ELECTRIC MOTOR CONNECTION.  
 MAGNETIC STARTER.  
 MAGNETIC STARTER WITH HOA, 120V, 1hp. S.O.D #MS36-SBC-1.  
 COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH.  
 CMF-3 COMBINATION 3-PHASE MOTOR FUSIBLE STARTER.  
 CMF-3-RVS COMBINATION 3-PHASE MOTOR FUSIBLE REDUCE VOLTAGE STARTER.  
 FUSIBLE DISCONNECT SWITCH. "R" INDICATES AMPERE RATING.  
 MAGNETIC DOOR SWITCH DETECTOR.  
 WINDOW DETECTOR.  
 CEILING OR WALL MOUNTED MOTION DETECTOR, FOR SECURITY USE ONLY.  
 CEILING OR WALL MOUNTED LONG RANGE MOTION DETECTOR FOR SECURITY USE ONLY.  
 JUNCTION BOX WITH FLEXIBLE CONNECTION TO EQUIPMENT.  
 JUNCTION BOX.  
 PUSH BUTTON STATION.  
 CIRCUIT BREAKER.  
 FUSED DISCONNECT.  
 CEILING MOUNTED MOTION DETECTOR TO CONTROL LIGHTING IN SAME ROOM.  
 CONTINUOUS BOTTOM RUNG CENTER SQUARE SUPPORTED CABLE TRAY TO SUPPORT A MINIMUM OF 50 POUNDS PER LINEAR FOOT. CABLE TRAY TO BE PROVIDED BY MONO-SYSTEMS INC. B-LINE SYSTEMS INC. OR ATLAS CABLE TRAY. PROVIDE ALL COMPONENTS LISTED BELOW AND ANY ADDITIONAL EQUIPMENT NECESSARY TO GRAMINGS.  
 THE CABLE TRAY AND 1/2" THREADED SUPPORT RODS SPACED AT 12'-0" O.C. AND THE OTHER END OF THE CABLE TRAY SHALL BE SECURED TO AN ANCHOR BOLT AND SECURITY CABLE SHALL BE TIGHTENED TO THE SPECIFIED TENSION. PROVIDE RED COLOR CODED RING CLIPS ON EVERY THIRD RUNG OF EACH SIDE OF CABLE TRAY MOUNT CABLE TRAY WITH DIVISION 15 PLANS TO MEET ALL MECHANICAL EQUIPMENT CABLE TRAY SHALL BE MOUNTED ABOVE THE CEILING UNLESS OTHERWISE NOTED.  
 ALL CABLE TRAY SHALL BE IN THE FIELD. ALL CABLE TRAY SHALL BE 24" UNLESS OTHERWISE NOTED.  

| REF. EQUIPMENT  | MONO SYSTEMS INC. | ATLAS CABLE TRAY        | B-LINE SYSTEMS INC. |
|-----------------|-------------------|-------------------------|---------------------|
| CABLE TRAY      | #1112-0124        | #A08-08-18              | #C3A08618XX         |
| CABLE TRAY      | #1112-0222        | #A08-08-24              | #C3A08624XX         |
| PIVOT CONNECTOR | #1010-0420        | EQUAL TO THAT SPECIFIED | #C4S-16             |
| PIVOT CONNECTOR | #1010-0420        | EQUAL TO THAT SPECIFIED | #C4S-25             |
| PIVOT CONNECTOR | #1009-0710        | EQUAL TO THAT SPECIFIED | #C4M-EC30-(RD/BLU)  |

NOTE:  
 ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT.

ABBREVIATIONS USED ON DRAWINGS IN GENERAL ARE LISTED BELOW. REFER TO CSI DOCUMENT TD-2-4 DATED NOVEMBER 1986 FOR ANY ABBREVIATIONS LISTED ON THE DRAWINGS BUT ARE NOT LISTED BELOW.

- [illegible]

1 ALL 2' X 4' FLUORESCENT LIGHT FIXTURES SHOWN ON LIGHTING PLANS SHALL BE  
 2 STATIC TYPE "F-3", ALL 1'X4' SHALL BE TYPE "F-1", AND ALL 2'X2' SHALL BE  
 3 TYPE "F-22" UNLESS NOTED OTHERWISE. FINAL CONNECTIONS TO ALL

- 1 LAY-IN FIXTURES AND RECEIVED NONDESIGN FIXTURES IN LAY-IN CEILING
- 2 ARE TO BE MADE WITH GREENED RESEMBLING CONDUIT.
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- 7 ALL FIXTURES, EQUIPMENT, FIXTURES, AND THE LIKE MUST BE OBTAINED BY LIST
- 8 OF A PROPERLY SIZED GROUNDING CONDUCTOR. MECHANICAL/ELECTRICAL BONDING
- 9 OF THE METALLIC RACKWAY SYSTEM SHALL ALSO BE MAINTAINED.
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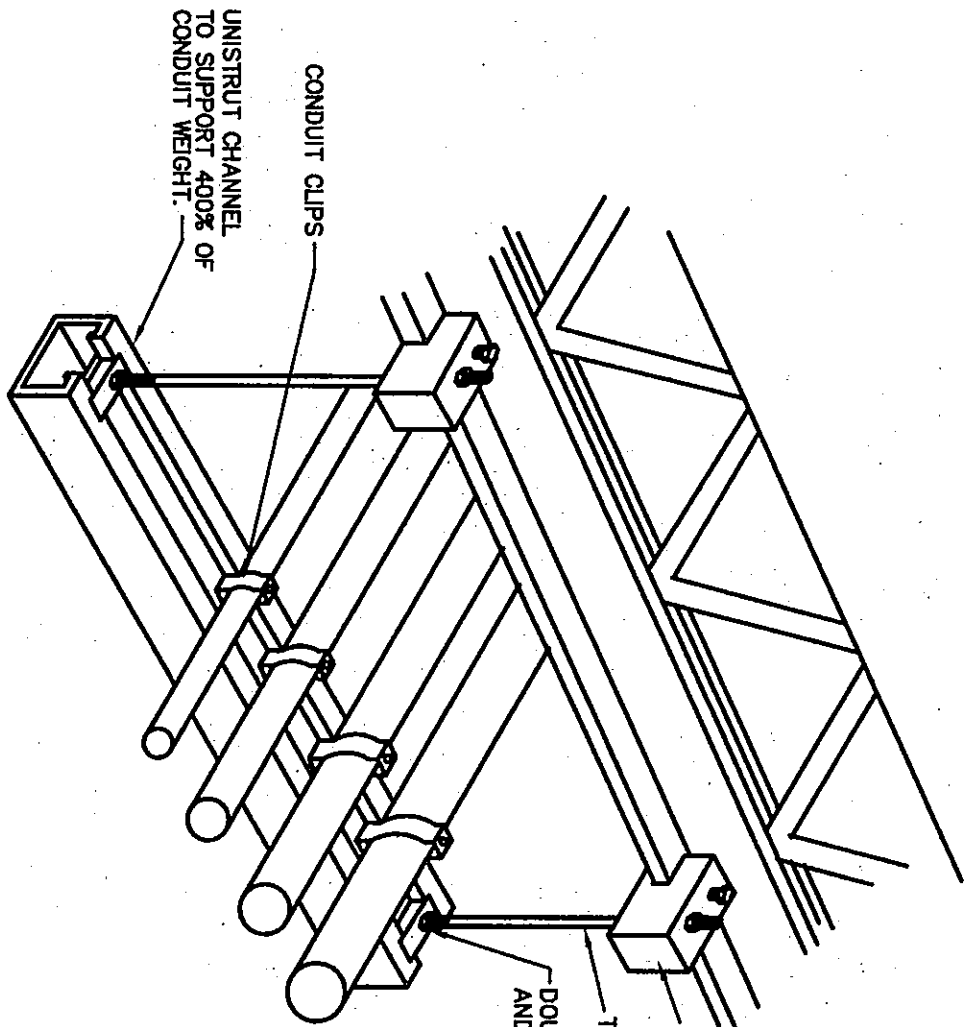
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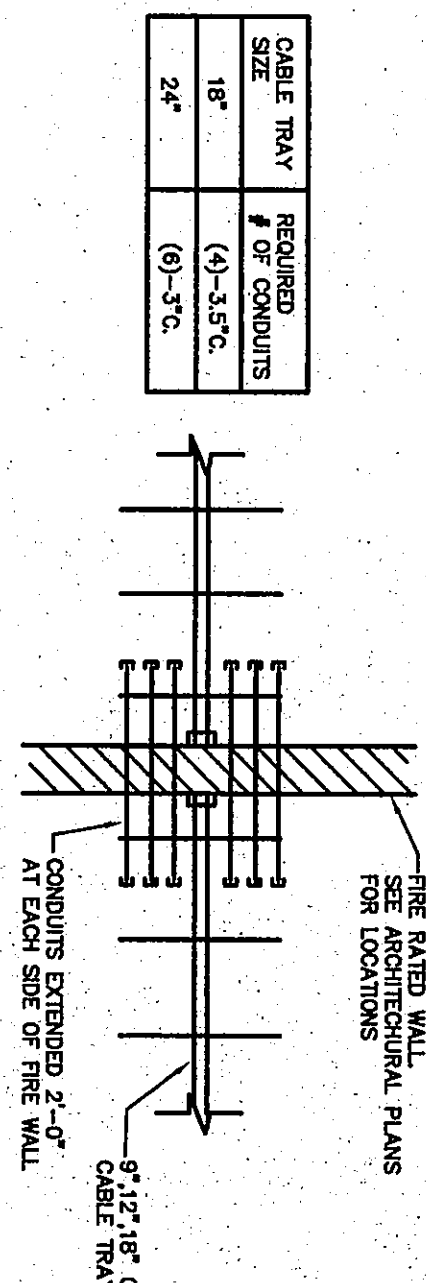
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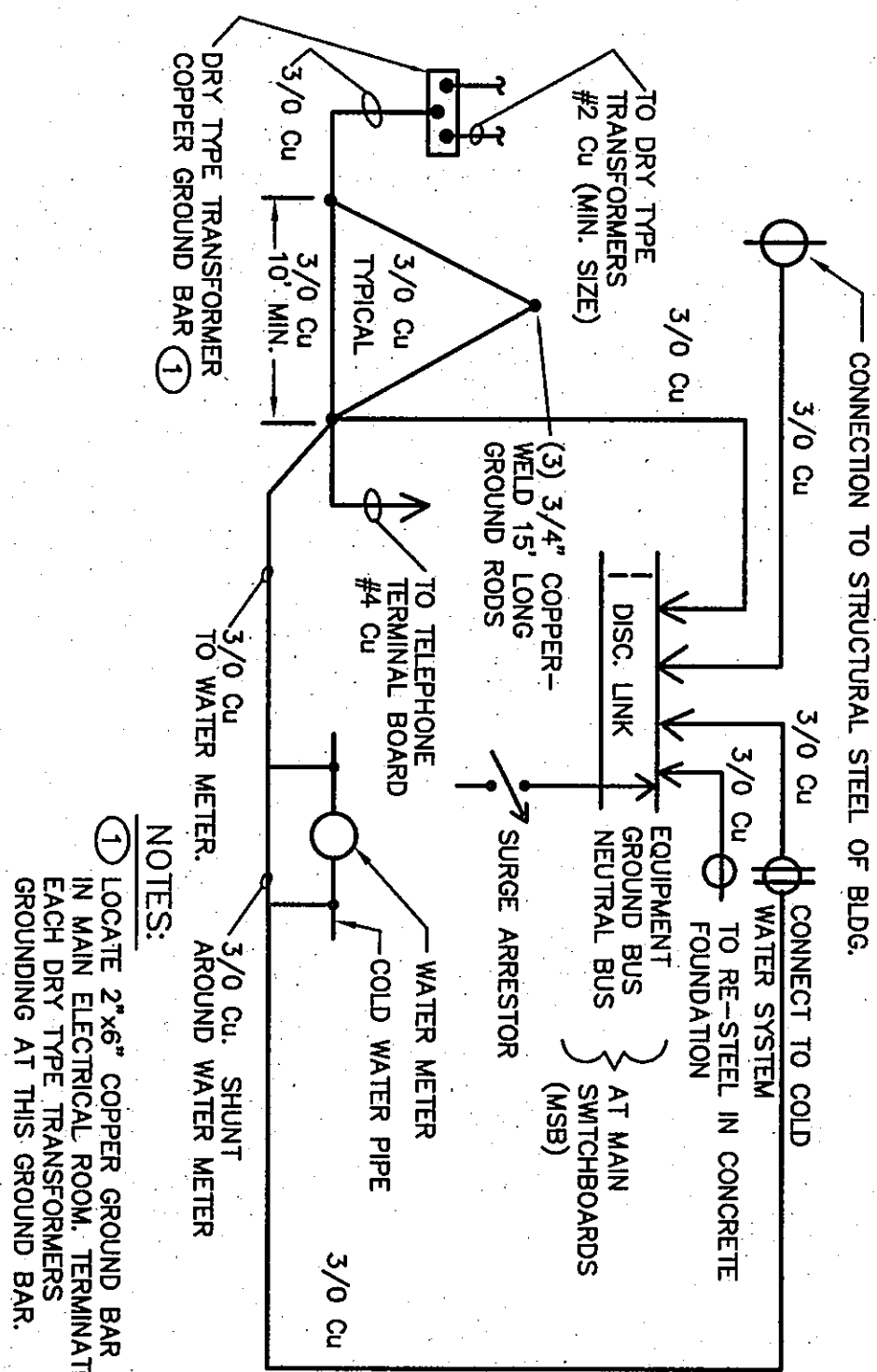
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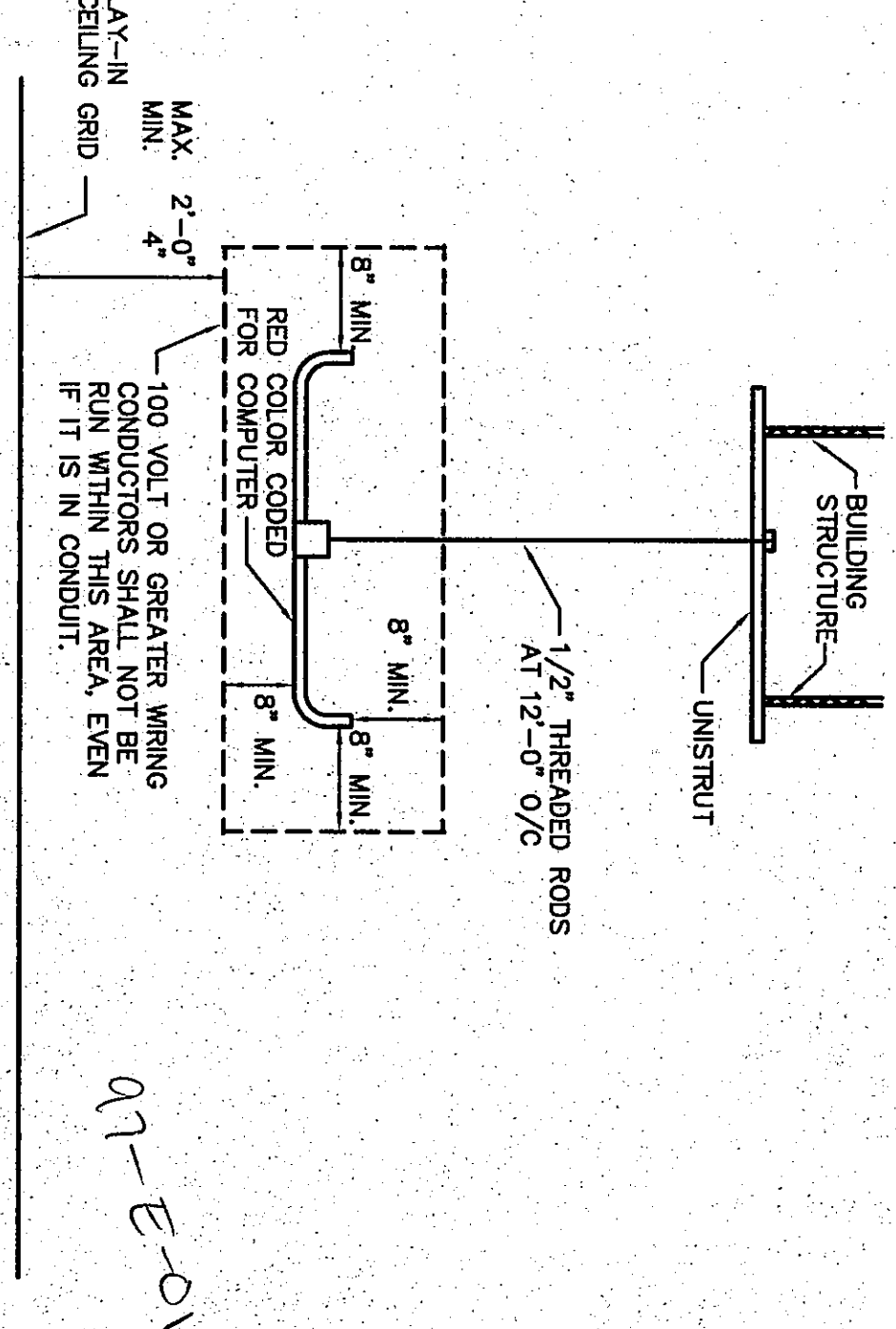
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THE NEW  
**CHESTERTON HIGH SCHOOL**  
FOR THE  
DUNELAND SCHOOL CORPORATION  
CHESTERTON, INDIANA

|                                  |                             |                                                                                                                                                                            |
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| C:\STATION\01\05\05\00<br>050510 | <b>SYMBOLS AND DETAILS</b>  | <br><b>Fanning/Howey</b><br><b>Associates, Inc.</b><br>Architects Engineers Consultants |
| <b>DRAWN BY:</b> MRS             | <b>COMM. NO.:</b> 95067.00  |                                                                                                                                                                            |
| <b>CHECKED BY:</b> WEB           | <b>DATE:</b> APRIL 21, 1997 |                                                                                                                                                                            |
| <b>E1.1</b>                      | <b>REVISIONS NO. DATE</b>   |                                                                                                                                                                            |
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