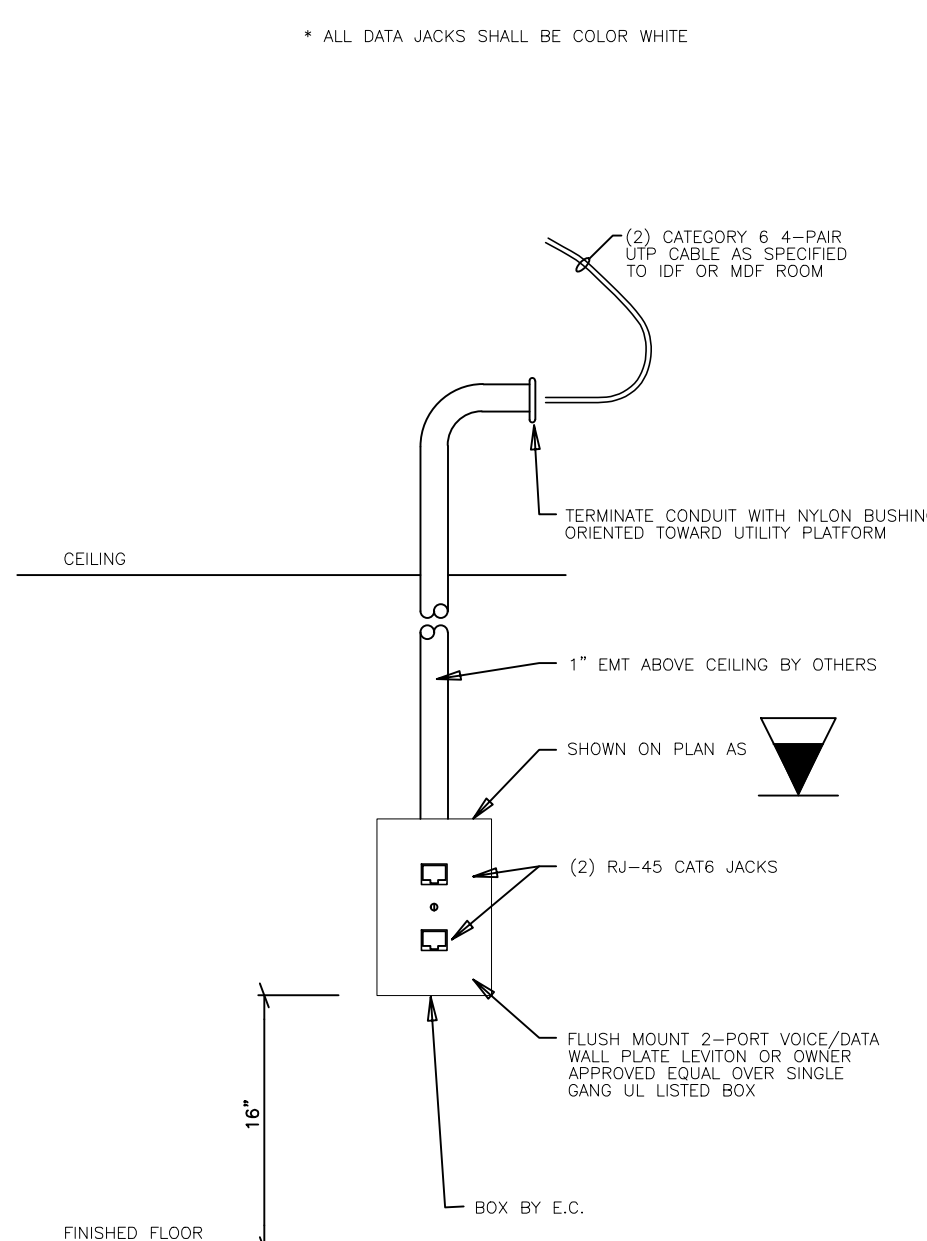
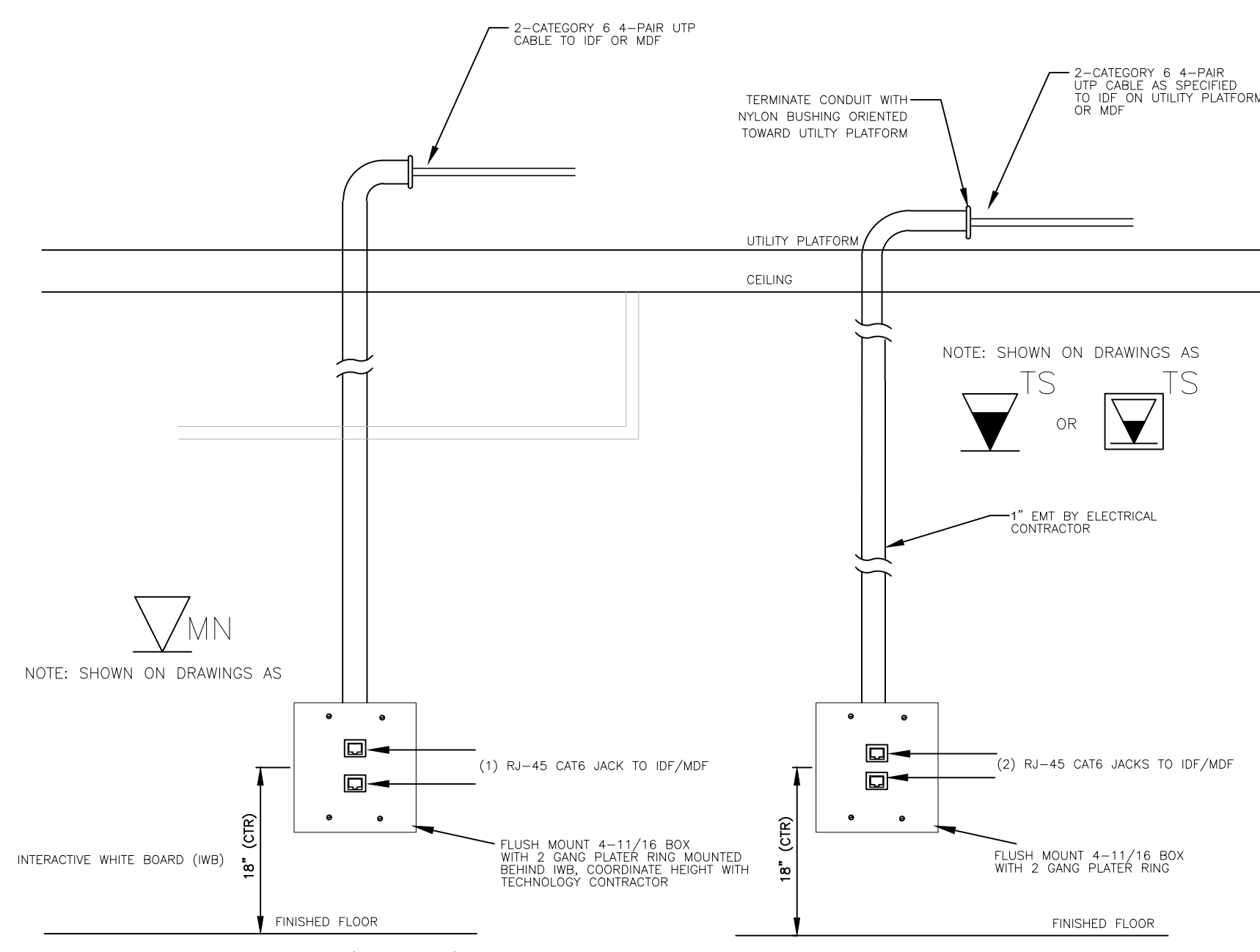


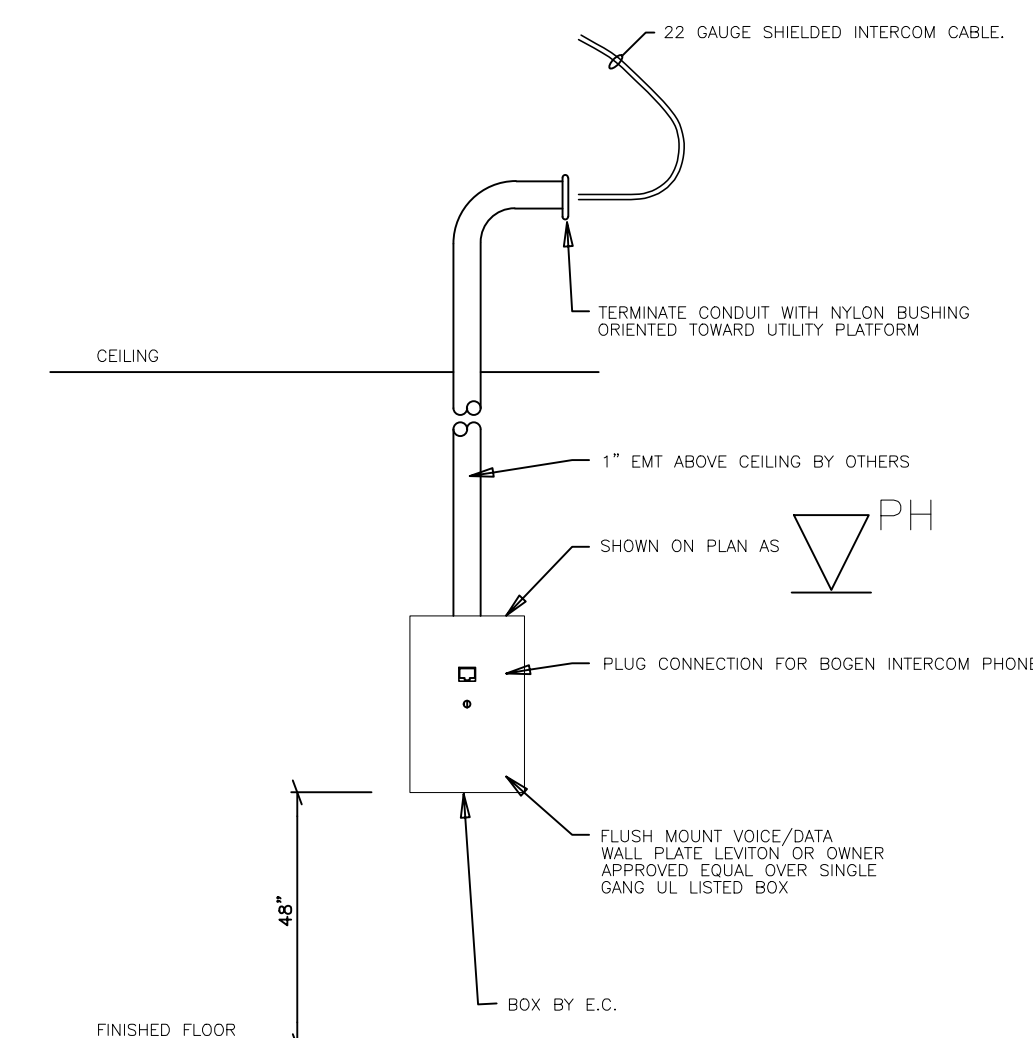
001.1 SPEAKER OUTLET DETAIL
SCALE: NONE



001.2 DUAL DATA OUTLET DETAIL
SCALE: NONE



001.3 TEACHERS STATION/IWB OUTLET DETAILS
SCALE: NONE



001.4 INTERCOM PHONE DETAIL
SCALE: NONE

DATA/COM/SECURITY GENERAL NOTES:

- ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE ROUTING OF ALL CONDUIT AND RACEWAY WITH EXISTING CONDITIONS AND SHALL PROVIDE ANY NECESSARY OFFSETS, TEES, REROUTING, ETC. REQUIRED FOR A COMPLETE AND COORDINATED INSTALLATION.
- THESE PLANS ARE DIAGRAMMATIC. CONTRACTOR SHALL PROVIDE ALL NECESSARY WIRING, TRANSFORMERS, POWER SUPPLIES, ETC. FOR A COMPLETE WORKING SYSTEM.
- THE CONTRACTOR SHALL COORDINATE WITH THE G.C. TO OBTAIN AND PAY ALL FEES RELATED TO PERMITTING, INSPECTIONS, ETC. THAT MAY BE REQUIRED FOR A COMMERCIAL CONSTRUCTION PROJECT.
- ALL CONDUIT AND RACEWAY SYSTEMS ARE INSTALLED BY THE ELECTRICAL CONTRACTOR AND SHALL BE SUPPORTED AS REQUIRED BY CODE AND MANUFACTURERS' RECOMMENDATIONS.
- ROOF DECKING SHALL NOT BE PENETRATED TO SUPPORT RACEWAY, CABLE TRAY, EQUIPMENT, ETC.
- ALL CONDUIT PENETRATIONS THRU NEW AND EXISTING WALLS SHALL BE SEALED TO EQUAL RATING OF THE NEW/EXISTING WALL.
- ALL LOW VOLTAGE DATA CABLING SHALL BE TESTED AND CERTIFIED PER SPECIFICATIONS.

DATA CONTRACTOR SHALL PROVIDE ALL CABLING, CAT6 & 6A AS INDICATED, FROM OUTLET BACK TO IDF OR MDF ROOM. PROVIDE CONNECTIONS AT OUTLETS AS DETAILED AND TERMINATE IN PATCH PANEL AT RACK. LABEL ALL CABLES WITH ROOM NUMBER AND FUNCTION (ex: CLASSROOM 103 - TEACHER STATION)

OWNER TO MAKE FINAL CONNECTIONS FROM EQUIPMENT TO PATCH PANELS.

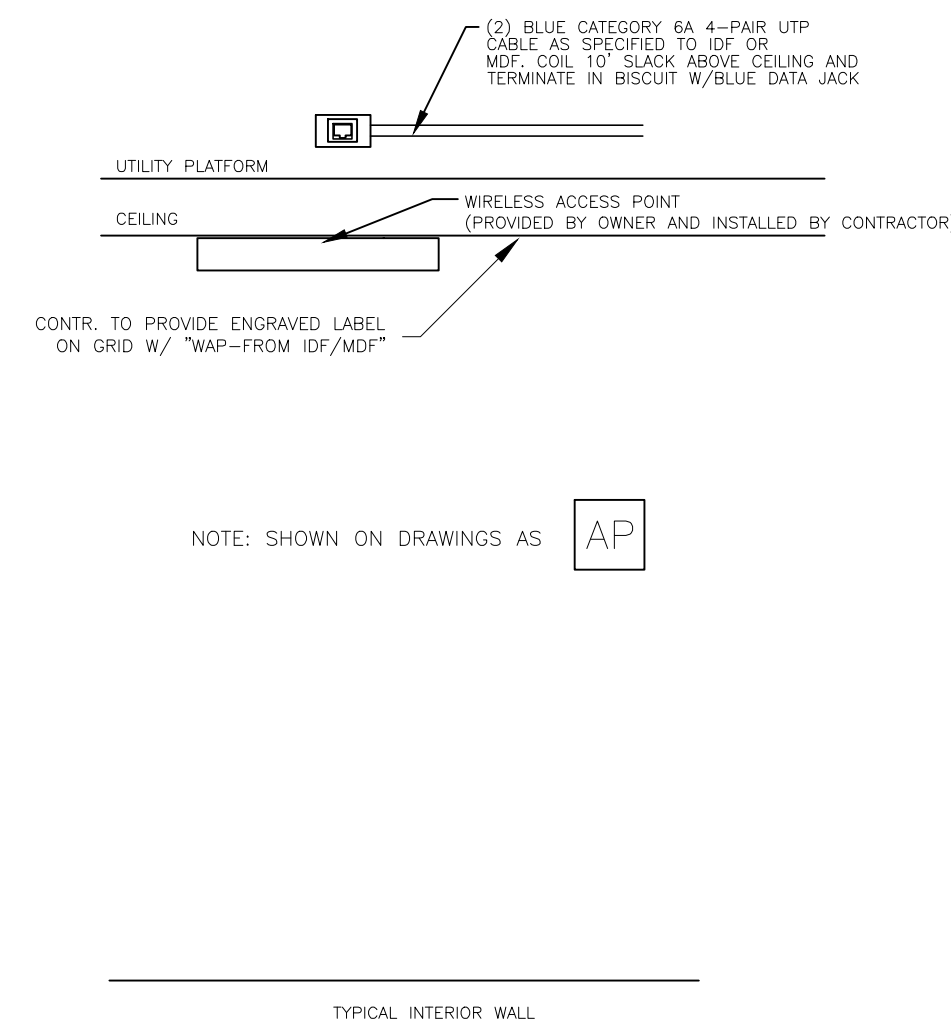
CABLE SHEATHING COLOR SCHEME SHALL BE AS FOLLOWS:

DATA CABLE	BLUE	CAT6
COMMUNICATION	BLUE	CAT6
CAMERA CABLE	BLUE	CAT6
DOOR ACCESS	BLUE	CAT6
HVAC CONTROLS	BLUE	CAT6
WIRELESS AP	BLUE	CAT6A

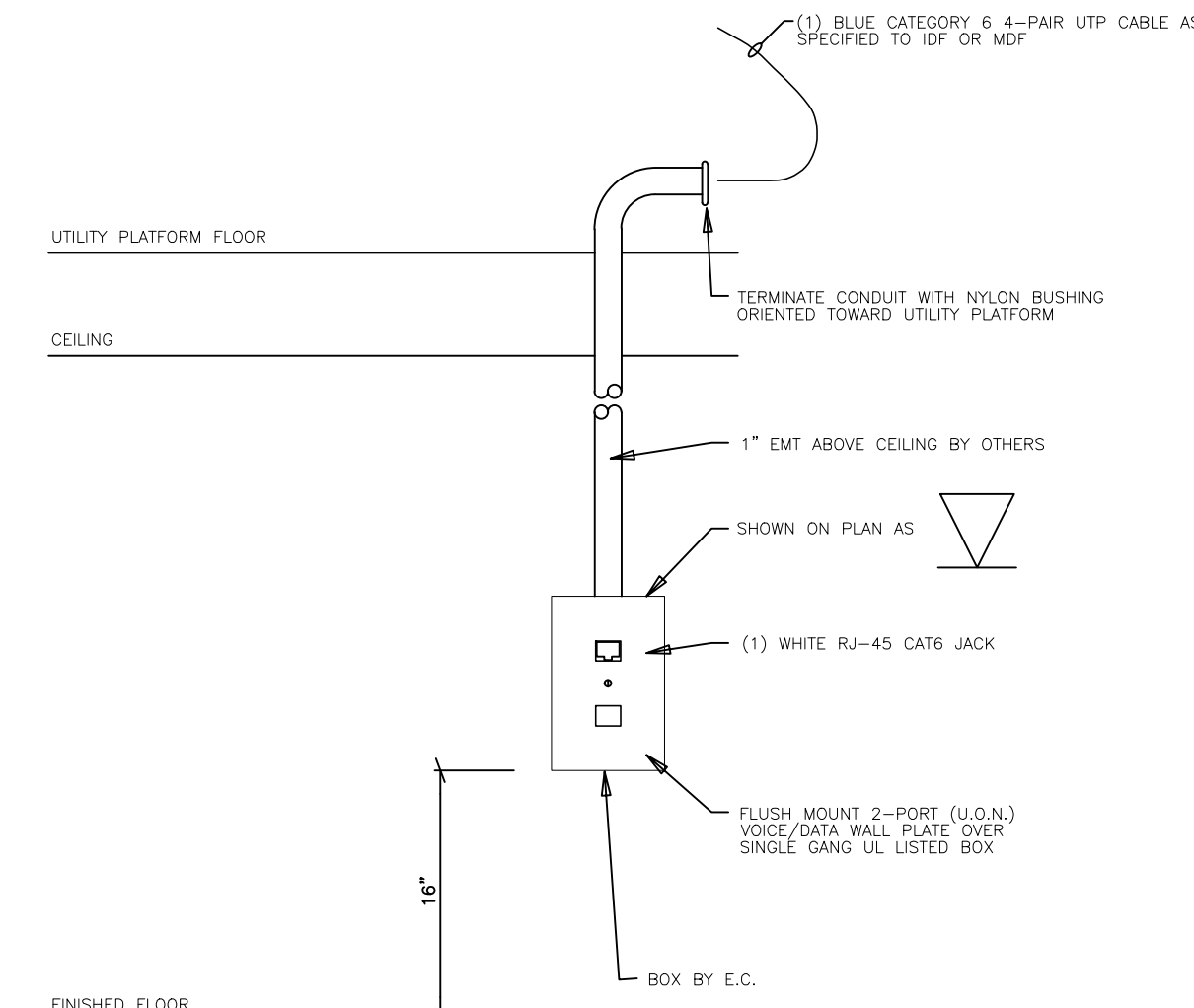
CONTRACTOR TO PROVIDE AND INSTALL SECURITY CAMERAS, RECORDING EQUIPMENT/SOFTWARE, DOOR ACCESS CONTROL EQUIPMENT/SOFTWARE, INTERCOM EQUIPMENT & ASSOCIATED SPEAKERS. CONTRACTOR TO INSTALL RACEWAY, CABLES AND OUTLETS AS DETAILED.

BASIS OF DESIGN TO MATCH EXISTING EQUIP IS AS FOLLOWS:

CAMERAS & RECORDER	ILLUSTRA & EXACOVISION
DOOR ACCESS	BRVO
INTERCOM	BOGEN



001.5 WAP OUTLET DETAIL
SCALE: NONE



001.6 SINGLE DATA OUTLET DETAIL
SCALE: NONE

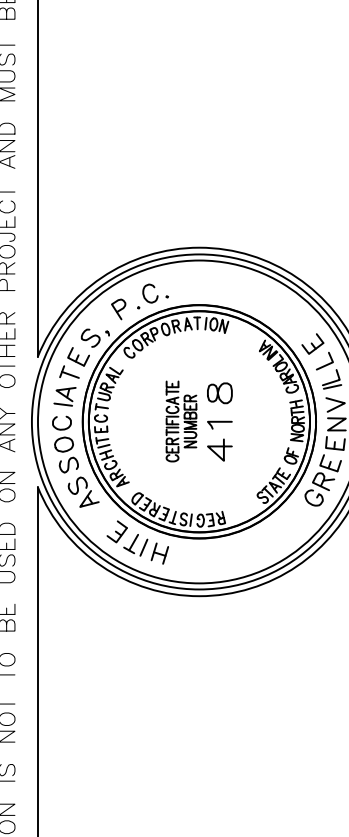
DESCRIPTION OF DIVISION 17 SCOPE OF WORK:

- DATA CABLING TO INCLUDE CABLES, JACKS, FACEPLATES, PATCH PANELS, PATCH CABLES, AND J HOOKS.
- WAP CABLING TO INCLUDE CABLES, JACKS, FACEPLATES, PATCH PANELS, PATCH CABLES, J HOOKS AND INSTALLATION OF OWNER PROVIDED WIRELESS ACCESS POINTS.
- INTERCOM CABLING TO INCLUDE SPEAKER CABLES, SPEAKER RISER CABLES TO BOGEN INTERCOM HEAD END, INTERCOM SYSTEM EXPANSION CARD AND J HOOKS.
- SECURITY INTRUSION TO INCLUDE ALL ASSOCIATED WIRING FOR NEW ILLUSTRAS CAMERAS AND MOTION DETECTORS BACK TO EXISTING EXACOVISION SYSTEM. DOOR ACCESS CONTROL TIED BACK TO EXISTING BRVO SYSTEM.

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No.	Date	Revision
1	10/04/23	ADDENDUM # 1
2	10/17/23	ADDENDUM # 2
3	10/18/23	ADDENDUM # 3

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New Classroom Addition for
North Duplin Jr.-Sr. High School
1388 NC-403, Mt Olive, NC 28365
Duplin County / North Carolina

Project No.	22253
Date:	6 March 2023
Drawing no.	IT 001

Project No. ES23022

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10/18/23