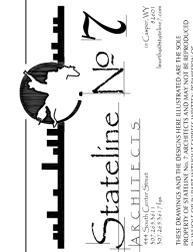




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SHEET TITLE  
FIRST LEVEL  
MECHANICAL CONNECTIONS  
AND SPECIAL SYSTEMS PLAN

SHEET NUMBER

16.32

FLAG NOTES		GENERAL NOTES	
1	SEE POWER DRAWINGS FOR FLOOR BOX SPECIFICS.	1	SEE SPECIFICATIONS FOR MATERIALS AND METHODS.
2	INSTALL DATA OUTLET NOTED HIGH ON WALL FOR TELEVISION. COORDINATE INSTALLATION WITH TELEVISION MOUNTING BRACKET. SEE ARCHITECTURAL ROOM ELEVATIONS.	2	ELECTRICAL INSTALLATIONS SHALL COMPLY WITH CURRENT ADOPTED NEC, STATE AND LOCAL CODES.
3	MOUNT DATA OUTLET NOTED RECESSED INTO SIDE OF BUILT IN TABLE LEG. ROUTE CABLING IN BUILT IN TABLE LEG. SEE ARCHITECTURAL TABLE DETAILS.	3	INSTALL EQUIPMENT GROUNDING CONDUCTORS IN ALL CONDUITS.
4	ACCESS CONTROL IS TO BE PROVIDED AT DOOR NOTED BY OWNER'S SYSTEM INTEGRATOR. EC TO PROVIDE ROUGH-IN BOXES AND CONDUIT. SEE ACCESS CONTROL DETAIL.	4	CONTRACTORS ARE TO EXAMINE THE SITE AND DOCUMENTS OF OTHER TRADES, AND BECOME FAMILIAR WITH THE FULL SCOPE OF WORK.
5	ACCESS CONTROL DOOR POSITION SWITCH IS TO BE PROVIDED AT DOOR NOTED BY OWNER'S SYSTEM INTEGRATOR. EC TO PROVIDE ROUGH-IN BOXES AND CONDUIT. SEE ACCESS CONTROL DETAIL.	5	ALL PENETRATIONS FOR RACEWAY AND WIRE WHICH ARE FURNISHED AND INSTALLED BY THE EC, THAT PENETRATE FLOORS, FIRE AND/OR SMOKE WALLS, AND FULL HEIGHT PARTITIONS (INCLUDING CHASE WALLS) SHALL BE SEALED WITH A SYSTEM SPECIFICALLY UL APPROVED FOR THE APPLICATION, TO MAINTAIN FIRE RATING.
6	ACCESS CONTROL ALARM CONTACT IS TO BE PROVIDED AT DOOR NOTED BY OWNER'S SYSTEM INTEGRATOR. EC TO PROVIDE ROUGH-IN BOXES AND CONDUIT. SEE ACCESS CONTROL DETAIL.	6	FOR TEMPERATURE CONTROL EQUIPMENT, ALL POWER WIRING 120V AND ABOVE BY EC, LESS THAN 120V ROUGH-IN BY EC, LOW VOLTAGE POWER AND CONTROL WIRING BY MC. COORDINATE ALL HVAC POWER/CONTROL WIRING WITH MC.
7	CEILING MOUNT SECURITY MOTION DETECTOR IS TO BE PROVIDED AT LOCATION NOTED BY OWNER'S SYSTEM INTEGRATOR. INSTALL SINGLE-GANG BOX AND 1/2" CONDUIT BACK TO MDF OR IDF.	7	FOR WALL MOUNTED SENSORS (TEMPERATURE, CO2, PRESSURE, ETC.) EC TO PROVIDE A DEEP 4" SQUARE BOX, SINGLE GANG RING, AND 1/2" EMT WITH BUSHINGS AND PULL STRING TO ACCESSIBLE CEILING SPACE. SEE MECHANICAL DRAWINGS FOR LOCATIONS AND QUANTITIES.
8	WALL MOUNT SECURITY MOTION DETECTOR IS TO BE PROVIDED AT LOCATION NOTED BY OWNER'S SYSTEM INTEGRATOR. INSTALL SINGLE-GANG BOX AND 1/2" CONDUIT BACK TO MDF OR IDF.	10	CEILING MOUNT SURVEILLANCE CAMERA IS TO BE PROVIDED BY OWNER'S SYSTEM INTEGRATOR. INSTALL SINGLE-GANG BOX AND 1/2" CONDUIT BACK TO MDF OR IDF.
9	SECURITY SOUND DETECTOR IS TO BE PROVIDED AT LOCATION NOTED BY OWNER'S SYSTEM INTEGRATOR. INSTALL SINGLE-GANG BOX AND 1/2" CONDUIT BACK TO MDF OR IDF.	11	WALL MOUNT SURVEILLANCE CAMERA IS TO BE PROVIDED BY OWNER'S SYSTEM INTEGRATOR. INSTALL SINGLE-GANG BOX AND 1/2" CONDUIT BACK TO MDF OR IDF. COORDINATE MOUNTING HEIGHT WITH INTEGRATOR.
		12	WALL MOUNT HEIGHT STRIP CAMERA IS TO BE PROVIDED BY OWNER'S SYSTEM INTEGRATOR. INSTALL SINGLE-GANG BOX AND 1/2" CONDUIT BACK TO MDF OR IDF. COORDINATE MOUNTING HEIGHT WITH INTEGRATOR.
		13	CONNECT TO ELEVATOR CONTROLLER FOR ELEVATOR RECALL AS DIRECTED BY ELEVATOR MANUFACTURER.
		14	IDF DATA RACK. SEE DATA/TELEPHONE RISER DIAGRAM.
		15	PROVIDE 8"x4" WIRE MESH/BASKET CABLE TRAY MOUNTED AT MINIMUM 6" ABOVE CEILING. SEE TRAY MOUNTING DETAIL. OFFSET TRAY AS REQUIRED TO AVOID CONFLICTS WITH DUCTWORK, PLUMBING AND LIGHTING. SEE TRAY MOUNTING DETAIL. PROVIDE WALL PENETRATION SLEEVE THROUGH ANY WALL TRAY PASSES THROUGH.
		16	PROVIDE NEW HORN/STROBE ABOVE NEW FIRE DEPARTMENT CONNECTION. CONFIRM LOCATION WITH FIRE PROTECTION CONTRACTOR PRIOR TO INSTALLATION.

