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TECHNOLOGY PLUS - COMMUNICATIONS

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SCHEMATIC DESIGN 10.07.05

PROJECT No: 1021-1895-02
DATE: 1.06.06
SCALE: AS SHOWN

COMMUNICATIONS
Structured Cabling Plan

T103B

GENERAL NOTES - CABLING

1. TC TO PROVIDE TELECOMMUNICATIONS BASKET TRAY AND J-HOOK SUPPORT FOR NETWORK CABLING. TC TO PROVIDE SEPARATE J-HOOK SUPPORT FOR SECURITY CABLING. KEEP MINIMUM 6" SEPARATION FROM NETWORK CABLING.
2. ALL NETWORK CABLING TO BE PLENUM RATED UON. REFER TO SPECS FOR CABLE TYPES AND COLORS.
3. TC TO PROVIDE ALL SECURITY AND CCTV CABLING. REFER TO ONE-LINE DRAWING FOR TYPES, INTERCOM AND PAGING DEVICES AND FINAL HOOK-UP BY SECURITY CONTRACTOR.
4. TC TO PROVIDE ALL INTERCOM/PAGING CABLING. REFER TO ONE-LINE DRAWING FOR TYPES, INTERCOM AND PAGING DEVICES AND FINAL HOOK-UP BY SECURITY CONTRACTOR.
5. TC TO PROVIDE NETWORK CABLING FOR AUDIO VISUAL DEVICES. AV CONTRACTOR TO PROVIDE CABLING BETWEEN DEVICES. FINAL EQUIPMENT HOOK-UP BY AV CONTRACTOR.
6. TC TO PROVIDE STAINLESS STEEL WALL PLATES WITH MOUNTING STUDS AND PANDUIT CAT 6 JACK FOR ALL WALL PHONE LOCATIONS.
7. TC TO PROVIDE RG-6 PLENUM COAX FOR TV OUTLETS TERMINATED USING COMPRESSION TYPE F-CONNECTORS. INSTALL F-81 FITTING AT FACEPLATE. FOR RUNS EXCEEDING 150', INSTALL RG-11 PLENUM COAX. ROUTE TO NEAREST TR. TV OUTLETS IN EOC TO ROUTE TO WALL BEHIND EQUIPMENT RACK WITH 15' SLACK.

SHEET NOTES - CABLING

1. EC PROVIDED 2" CONDUIT SLEEVE FOR CABLE ROUTING FROM ACCESS FLOOR TO CEILING AREAS.
2. PANIC ALARM. MAY BE BUTTON OR INTERCOM DEPENDING ON LOCATION. TC TO ROUTE CABLE FOR DEVICE AS INDICATED ON DRAWING T002.
3. EC TO PROVIDE CEILING MOUNTED OUTLET FOR OVERHEAD PROJECTOR. TC TO PROVIDE (1) CEILING MOUNTED CAT 6 OUTLET FOR OVERHEAD PROJECTOR. AV INSTALLER TO PROVIDE PROJECTOR, MOUNT AND FINAL CONNECTION TO AV EQUIPMENT.
4. EC TO PROVIDE 8"x8"x4" J-BOX IN WALL FOR AV USE. ROUTE (2) 1" CONDUITS FROM J-BOX, STUBBED 6" BELOW RAISED FLOOR AND (2) 1" CONDUITS FROM J-BOX STUBBED 6" ABOVE CEILING UON.
5. TC TO INSTALL (3) CAT 6 AND (1) RG-6 COAX FOR AV USE IN EC PROVIDED 8"x8"x4" AV J-BOX. INSTALL OUTLETS IN AV PROVIDED FACEPLATE OR STORE FOR FUTURE.
6. NOT USED.
7. EC TO PROVIDE 2-GANG J-BOX AT 30" AFF QUANTITY AS SHOWN FOR AV AND/OR TV. FOR EACH J-BOX PROVIDE (1) 1" CONDUIT STUBBED 6" BELOW RAISED FLOOR AND (1) 1" CONDUIT STUBBED 6" ABOVE ACCESSIBLE CEILING.
8. EC TO PROVIDE (3) 4" CONDUITS TO TR-1N (1006).
9. EC TO PROVIDE (2) 4" CONDUITS TO TR-2N (2330).
10. EC TO PROVIDE (3) 4" SLEEVES TO EOC (2222).
11. TC TO PROVIDE CAT 6 NETWORK CABLE FOR HVAC SYSTEM. COORDINATE WITH BAS & HVAC INSTALLER FOR ACTUAL LOCATIONS.

1 LEVEL 3 STRUCTURED CABLING PLAN AREA "B"
1/8" = 1' - 0"

0 4' 8' 16'
SCALE: 1/8" = 1'-0"