GENERAL CONSTRUCTION NOTES

1. THE ELECTRICAL CONTRACTOR SHALL VERIFY THAT ALL ELECTRICAL ITEMS TO REMAIN OR TO BE RELOCATED AND REUSED ARE IN WORKING ORDER PRIOR TO ANY DEMOLITION WORK. IF THE EXISTING MATERIAL IS FOUND TO BE INOPERABLE, CONTRACTOR SHALL INFORM THE OWNER. ONCE ANY DEMOLITION WORK HAS BEGUN, ANY INOPERABLE OR DAMAGED MATERIAL SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
2. VERIFICATION OF EXISTING CONDITIONS: "INASMUCH AS THE REMODELING AND/OR REHABILITATION OF THE EXISTING BUILDING REQUIRES THAT CERTAIN ASSUMPTIONS BE MADE REGARDING EXISTING CONDITIONS, AND BECAUSE SOME OF THESE ASSUMPTIONS MAY NOT BE VERIFIABLE WITHOUT DESTROYING OTHERWISE ADEQUATE OR SERVICEABLE PORTIONS OF THE BUILDING, THE GENERAL CONTRACTOR AGREES THAT, EXCEPT FOR NEGLIGENCE ON THE PART OF THE DESIGN PROFESSIONAL, THE CONTRACTOR WILL HOLD HARMLESS, INDEMNIFY AND DEFEND THE DESIGN PROFESSIONAL FROM AND AGAINST ANY AND ALL CLAIMS ARISING OUT OF THE PROFESSIONAL SERVICES PROVIDED."
3. ANY ELECTRICAL ITEMS SHOWN OR NOT SHOWN ON THE PLANS, OR WHERE CIRCUITS IN EXISTING WALLS ARE REMOVED BY DEMOLITION, SHALL UPON COMPLETION OF REMODEL WORK BE LEFT IN WORKING CONDITION.
4. ALL PHASES OF THE ELECTRICAL WORK SHALL BE COORDINATED WITH THE ARCHITECT. WORK SHALL BE DONE IN A FASHION TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO OWNER.
5. ELECTRICAL DEVICES NOTED TO BE REMOVED SHALL BE REMOVED BACK TO A POINT WHERE EXISTING CONDUIT CAN BE ABANDONED IN CONCEALED SPACES. REMOVE ALL WIRING FROM ABANDONED CONDUIT. ALL BOXES TO BE REMOVED SHALL BE TAKEN OUT OF WALLS AND HAVE HOLES REFINISHED TO MATCH WALL FINISH.
6. ELECTRICAL CONTRACTOR SHALL NOT DEFACE ANY AREAS OF THE BUILDING WHERE REMODELING IS NOT BEING DONE.
7. RACEWAYS: ALL CONDUITS SHALL BE CONCEALED WHEREVER POSSIBLE. CONDUIT SHALL NOT BE EXPOSED IN FINISHED AREAS (EXCLUDES MECHANICAL ROOMS, STORAGE CLOSETS, AND SIMILAR AREAS). EXPOSED RACEWAYS SHALL BE SURFACE RACEWAYS PER SPECIFICATIONS.
8. ROUTING OF EXISTING CONCEALED CONDUIT NOT KNOWN: LOCATION DETERMINED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL RECIRCUIT AS NOTED UTILIZING ANY EXISTING CONDUIT. HE SHALL REMOVE EXISTING WIRE AND REPULL NEW. ALL NEW CONDUIT ADDED SHALL BE CONCEALED WHEREVER POSSIBLE.
9. SURFACE RACEWAY: WHEREVER CONCEALED CONDUITS IN FINISHED AREAS IS NOT POSSIBLE, ELECTRICAL CONTRACTOR SHALL INSTALL SURFACE MOUNTED RACEWAYS EQUAL TO WIREMOLD. RUN SURFACE RACEWAYS IN CORNER OF WALL AND CEILING. ALL RACEWAYS THAT ARE EXPOSED SHALL BE APPROVED BY ARCHITECT PRIOR TO ROUGH-IN.
10. TERMINATING AND SPLICING: MAKE ALL JOINTS AND SPLICES IN BRANCH CIRCUIT WIRING WITH APPROVED SOLDERLESS TOOL APPLIED OR TWIST-ON CONNECTORS, IN THE VARIOUS BOXES, GUTTERS, AND SIMILAR LOCATIONS, BUT NOT IN RACEWAYS. LEAVE SUFFICIENT SLACK TO PERMIT TWO (2) OR MORE SPLICES OR JOINTS TO BE REMADE IN CASE OF FAULT.
11. ELECTRICAL CONTRACTOR SHALL RECEIVE, FROM SYSTEM SUPPLIERS, ALL WIRING DIAGRAMS FOR ALL EQUIPMENT, PRIOR TO ANY ROUGH-IN, TO ASSURE PROPER ELECTRICAL CHARACTERISTICS ARE PROVIDED. ELECTRICAL CONTRACTOR SHALL PROVIDE ARCHITECT WRITTEN NOTIFICATION PRIOR TO ROUGH-IN, THAT ALL WIRING DIAGRAMS HAVE BEEN RECEIVED AND REVIEWED FOR CORRECTNESS. ANY INCORRECT WIRING OR DEVICES INSTALLED BY ELECTRICAL CONTRACTOR WITHOUT WIRING DIAGRAMS SHALL BE CORRECTED AT ELECTRICAL CONTRACTOR'S EXPENSE.
12. ALL NEW & EXISTING SMOKE DETECTORS IN OR NEAR AREAS OF CONSTRUCTION SHALL BE BAGGED OR REMOVED. IF REMOVED, STORE IN A SEALED BAG UNTIL ALL WORK IS COMPLETE. IF SMOKE DETECTORS ARE NOT BAGGED OR REMOVED THEY SHALL BE REPLACED WITH NEW DETECTORS AT CONTRACTOR'S EXPENSE WHEN THE PROJECT IS COMPLETED.
13. EXACT ELECTRICAL DEMOLITION REQUIREMENTS NOT SHOWN ON THE DRAWINGS. ELECTRICAL CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING TO DETERMINE EXACT DEMOLITION WORK TO BE DONE AND SHALL INCLUDE ALL DEMOLITION COSTS IN THEIR BID.
14. ELECTRICAL CONTRACTOR SHALL VERIFY ELECTRICAL DEVICE LOCATIONS IN ALL CASE WORK WITH ARCHITECTURAL CASE WORK DETAILS PRIOR TO ANY ROUGH-IN.
15. ALL NEW ELECTRICAL ITEMS SHOWN ON EXISTING WALLS AND CEILINGS SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. CUT AND PATCH EXISTING WALLS AND CEILINGS TO CONCEAL ALL MOUNTING BOXES AND CONDUITS.
16. FIRE ALARM SYSTEM SHALL BE APPROVED BY LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO ROUGH-IN. ANY MODIFICATIONS OR ADDITIONS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION SHALL BE INCLUDED IN ELECTRICAL CONTRACTOR'S BASE CONSTRUCTION COST.
17. RELOCATIONS: OWNER RESERVES THE RIGHT TO RELOCATE ANY ELECTRICAL DEVICE, UP TO A DISTANCE OF 12', BEFORE INSTALLATION WITHOUT EXTRA CHARGE FROM ELECTRICAL CONTRACTOR.
18. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. EXACT LOCATION OF ALL SYSTEMS AND EQUIPMENT SHALL BE FIELD VERIFIED AND COORDINATED WITH OTHER TRADES PRIOR TO ANY INSTALLATION. WHERE EXACT LOCATIONS ARE NECESSARY, THEY ARE DIMENSIONED ON THESE DRAWINGS. WHERE THERE IS A QUESTION OF ADEQUATE CLEARANCE OR COORDINATION BETWEEN TRADES, THIS CONTRACTOR SHALL PREPARE SHOP DRAWINGS FOR ENGINEER'S REVIEW. ON ALL SPECIAL SYSTEMS REQUIRING DRAWINGS BY LICENSED INSTALLATION CONTRACTORS, SUCH AS FIRE PROTECTION, SUCH DRAWINGS SHALL BE SUBMITTED WITHIN 30 DAYS AFTER AWARD OF CONTRACT.
19. CALL UTILITY COMPANIES (POWER, GAS, WATER, SEWER, TELEPHONE, CABLE TV, ETC.) IN ADVANCE BEFORE TRENCHING OR EXCAVATION FOR THE MARKING OF THEIR UNDERGROUND UTILITIES. ALSO CONTRACTOR SHALL LOCATE ALL ON-SITE UTILITIES SUCH AS SECONDARY SERVICE FEEDERS, UNDERGROUND ELECTRICAL BRANCH CIRCUITS, SPRINKLER LINES, ETC. PRIOR TO TRENCHING OR EXCAVATION. ANY CUT OR DAMAGED UNDERGROUND UTILITIES SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.
20. ACCESS PANELS REQUIRED BY THE ELECTRICAL CONTRACTOR SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR THEN TURNED OVER TO THE APPROPRIATE TRADE FOR INSTALLATION. SEE ARCHITECTURAL SPECIFICATION SECTION DIVISION 8.
21. AREAS THAT THE CEILINGS ARE 1 HOUR FIRE RATED THE LIGHT FIXTURES SHALL BE TENTED BY ACOUSTICAL CONTRACTOR.
22. REFERENCE ARCHITECTURAL ELEVATIONS DRAWINGS 9.1, 9.2, 9.3 & 9.4 FOR TACK, CHALK, MARKER BOARDS, CABINETS, COUNTERS, ETC. FOR LOCATION OF ALL DEVICES IN WALLS.
23. SEE ARCHITECTURAL DRAWING 3.2 FOR LOCATION OF ONE AND TWO HOUR WALLS PRIOR TO ANY ROUGH-IN OF ELECTRICAL.
24. ALTERNATE #13 ELECTRICAL CONTRACTOR SHALL RETROFIT ALL EXISTING FLUORESCENT FIXTURES WITH MOTOROLA ELECTRONIC ENERGY SAVING BALLASTS (TMOT), CHANGE TO T-8 LAMPS, CHANGE LAMP SOCKETS, AND PROVIDE LAMP SUPPORTS. ELECTRICAL CONTRACTOR TO FIELD VERIFY QUANTITY OF FIXTURES TO BE RETROFITED.
25. SOUTH POD EXISTING WALLS RECEIVING NEW FURRING. ELECTRICAL CONTRACTOR SHALL PROVIDE SHALLOW TYPE BOXES AND PROVIDE EXTENSION RINGS ON EXISTING DEVICES.
    - A. ROOM 190 FURRING EAST WALL 1 1/2"
    - B. ROOM 191 FURRING WEST WALL 2"
    - C. ROOM 195 FURRING WALLS 1 1/2"
    - D. ROOM 199 FURRING WEST WALL 1 1/2"
    - E. ROOM 194 CORRIDOR GLUING ON NEW GYP BOARD. PROVIDE EXTENSION RINGS.
    - F. ROOM 186 GLUING ON NEW TYP BOARD. PROVIDE EXTENSION RINGS.
26. SEE ARCHITECTURAL DRAWING 3.1 FOR DEMOLITION OF EXISTING WALLS, CEILING, ETC. SEE ARCHITECTURAL DRAWINGS 3.3 & 3.4 FOR NEW AND EXISTING WALL LOCATIONS.
27. SEE ARCHITECTURAL DRAWINGS 8.1 & 8.2 FOR REFLECTED CEILING PLANS FOR NEW AND EXISTING CEILING.

LIGHTING FIXTURE SCHEDULE

TYPE	LAMPS	DESCRIPTION	FINISH	MOUNTING	MANUFACT.	CAT.NO.	VOLT.
A	4-F32 T8	2' X 4' FLUORESCENT TROFFER WITH NOM .125 ACRYLIC LENS, FLUSH STEEL DOOR.	BWE	RECESSED GRID	HUBBELL	RS4GNA02-TMOT/T8	120
A1	4-F32 T8	2' X 4' FLUORESCENT TROFFER WITH 1/2" X 1/2" X 1/2" SILVER PARACUBE LENS & FLUSH STEEL DOOR.	BWE/ SILVER	RECESSED GRID	HUBBELL	RS4GNA14-TMOT/T8	120
A2	3-F32 T8	2' X 4' - 18 CELL PARABOLIC WITH SEMI-SPECULAR SILVER LOUVERS.	SEMI-SPECULAR SILVER	RECESSED GRID	HUBBELL	RD3GSZ AF-TMOT/T8	120
A3	2-F32 T8	1' X 4' SAME AS TYPE "A" EXCEPT FLANGE MOUNTED.	BWE	RECESSED GYP	HUBBELL	R142-FNA14-TMOT/T8	120
A4	2-F32 T8	1' X 4' FLUORESCENT WRAPAROUND.	BWE	SURFACE	HUBBELL	WGM42-WAC TMOT/T8	120
A5	2-F32 T8	1' X 4' SAME AS TYPE "A1"	BWE/ SILVER	RECESSED GRID	HUBBELL	R142-FNA02-TMOT/T8	120
B	2-F32 T8	4' STRIP WITH WIREGUARD.	BWE	SURFACE	HUBBELL	SW42R-TMOT-SW4WG/T8	120
C	2-F32 T8	4' LONG DIRECT FLUORESCENT DOWN LIGHT WALL BRACKET WITH SILVER PARABOLIC LOUVER.	WHITE	6" ABOVE MIRROR OR PER ARCH ELEVATIONS	PRUDENTIAL	P60-D1-M4-2-04-SPL/T8/XX	120
C1	3-F32 T8	4' LONG 1 LAMP UP AND 2 LAMPS DOWN FLUORESCENT WALL BRACKET WITH SILVER PARABOLIC LOUVER.	WHITE	WALL 9'-0" AFF TO BTM	PRUDENTIAL	P69-D5-M5-D1/ D2-04-SLP/T8/XX	120
C2	6-F32 T8	8' SAME AS TYPE "C1".	WHITE	WALL 9'-0" AFF TO BTM	PRUDENTIAL	P69-D5-M5-D1/ 02-08-SLP/T8/XX	120
D	2-13W /DTT/27K	13W TWIN FLUORESCENT DOWNLIGHT WITH BLACK MILLIGROOVE BAFFLE, HPF BALLAST.	WHITE TRIM RING	RECESSED, LAMPS SAME DIRECTION	MARCO	MX713/ 2HP131/928W	120
F	1-13WPL	13 WATT FLUORESCENT DOWNLIGHT WITH POLYCARBONATE OPAL LENS.	STD	SURFACE	MARCO	BNF1-13S	120
F1	1-F9TT	9 WATT FLUORESCENT DOWNLIGHT BLACK BAFFLE, BATTERY PACK WITH REMOTE TEST SWITCH.	WHITE	RECESSED	LITHONIA	LE-9TT-120-FB3	120
G	2-F8T5	24" LONG UNDER COUNTER LIGHT WITH ROCKER SWITCH.		WHITE	NULITE	NU24-R	120
AA	1-LU70	70 WATT ROUND 12" DEEP X 10" DIA HPS HEAVY CAST ALUM, VANDAL RESISTANT LEXAN LENS, TAMPERPROOF, DAMP LISTED WEATHERPROOF GASKET, INTEGRAL HPF BALLAST .	WHITE	RECESSED	PRESCOLITE	90S6-70HPS-M8	120
BB	1-LU100	100 WATT HPS WALL PACK WITH UNBREAKABLE POLYCARBONATE LENS, U.L. WET LOCATION LABEL.	BRONZE	WALL	MCGRAW EDISON	W2101	120
CC	1-LU400	400 WATT HPS LUMINAIRE TYPE III LIGHT DISTRIBUTION, 208 VOLT BALLAST, ON 30 FOOT ROUND STRAIGHT PAINT POLE TO MATCH FIXTURE BASE COVER.	BRONZE	POLE BASE	LSI	HAM-3-400HPS-CT-208V-BRZ-NO LENS STRIPE/5RPBHI-S07G-30-S-BRZ-5RBC	208
DD	1-LU150	150 WATT HPS POST TOP LIGHT, SPIDER MOUNT W/TYPE FIVE LIGHT DISTRIBUTION ON 20'-0" POST. PAINT POLE TO MATCH FIXTURE 208V BALLAST BASE COVER.	BRONZE	POLE	LSI	HAPS-5-150HPS CT-208V-BRZ-NO LENS STRIPE/ 5RPTHI-S11G-20 -PT-BRZ-5RBC	208
1	NONE	60 WATT 12 VOLT EMERGENCY BATTERY PACK NO HEADS, MOUNTING BRACKET. SEALED MAINTENANCE FREE BATTERIES.	STD	WALL 7'-6" AFF	EXIDE	G60-12-0-MB	120/12
2	NONE	200 WATT 12 VOLT EMERGENCY BATTERY PACK, NO HEADS, MOUNTING BRACKET. SEALED MAINTENANCE FREE BATTERIES.	STD	WALL 7'-6" AFF	EXIDE	G240-12-0-MB	120/12
	WITH UNIT	TWIN HALOGEN LAMP REMOTE 12 WATT, 12 VOLT EM FIXTURE. WHITE HEADS, STAINLESS STEEL MOUNTING PLATE, WIRE GUARD.	WHITE	WALL 7'-6" AFF	EXIDE	(2) H1212-W-MP-3-WG	12
⊗	LED WITH UNIT	SINGLE FACE LED EXIT LIGHT, GREEN WITH WHITE LETTERS, WHITE FINISH WITH BATTERY BACKUP. UNIVERSAL ARROWS AND MOUNTING. WIREGUARD AS NOTED.	WHITE	UNIVERSAL	TRACELITE	1-Y-W-NB-B-C (WG)	120

NOTES:

1. TYPICAL: ALL FLUORESCENTS TO HAVE MOTOROLA ELECTRONIC ENERGY SAVING BALLAST (TMOT) AND F32T8/SP30RS (3000 K) LAMPS.
   XX DENOTES MOTOROLA ELECTRONIC BALLAST, ETC.

ALTERNATE 12: CHANGE FLUORESCENT FIXTURES FROM ELECTRONIC BALLAST TO ENERGY SAVING IRON CORE BALLAST, OF SAME MANUFACTURER, AND T-8 LAMPS TO T-12 LAMPS 34 WATT ENERGY SAVINGS. LIGHT FIXTURE SOCKETS SHALL CHANGE FROM T-8 TYPE TO T-12 TYPE, FOR LIGHT FIXTURE TYPES "A", "A1", "A2", "A3", "A4", "A5", "A6", "B", "C", "C1", "C2".

FLAG NOTES

1. TWO LEVEL LIGHTING: ONE SWITCH & ONE CIRCUIT FOR TWO INSIDE LAMP(S) OTHER SWITCH & CIRCUIT FOR TWO OUTSIDE LAMPS.
2. TWO LEVEL LIGHTING: ONE SWITCH TWO INSIDE LAMPS, OTHER SWITCH TWO OUTSIDE LAMPS (3 LAMP FIXTURES ONE SWITCH, ONE INSIDE LAMP, OTHER SWITCH TWO OUTSIDE LAMPS).
3. NOT SWITCHED.
4. SOUND ACTIVATED SWITCH, CEILING MOUNTED LITHONIA LUS-700H. TIE INTO CIRCUIT. PROVIDE KEYED SWITCH TO OVERRIDE FOR OFF CONTROL. LOCATE KEYED SWITCH AT DOOR.
5. (3#10) 3/4"C
6. (4#10) 3/4"C
7. NOT SWITCHED.
8. REUSE EXISTING FLUORESCENT FIXTURES REMOVED FROM EXISTING IMC AREA AND EXISTING COMPUTER ROOM. PROVIDE 4 WIRE FLEX AND LEADS FOR DUAL LEVEL SWITCHING.
9. EXISTING GRID CEILING: RELOCATE EXISTING 2 X 4 FLUORESCENT LIGHTING. PROVIDE 4 WIRE FLEX AND LEADS AND RECONNECT FOR DUAL LEVEL SWITCHING. RECONNECT TO EXISTING LIGHTING CIRCUITS.
10. EXISTING CEILING INTERCOM SPEAKER TO BE RELOCATED TO CENTER OF ROOM AND RECONNECTED TO INTERCOM SYSTEM.
11. ALTERNATE #7 EXISTING WALL BEING REMOVED NEW FOLDING WALL BEING ADDED. UNDER ALTERNATE #7 EXISTING CEILING WILL NEED TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL REMOVE LIGHT FIXTURES, SPEAKERS AND ETC. REINSTALL IN GRID WHEN GRID IS REINSTALLED.
12. EXISTING LIGHTING THIS ROOM TO REMAIN (UNLESS NOTED OTHERWISE) MAINTAIN LIGHTING CIRCUITS.
13. SHIFT EXISTING FLUORESCENT FIXTURE, MAINTAIN CIRCUIT.
14. ALTERNATE #6 EXISTING WALL BEING REMOVED NEW FOLDING WALL BEING ADDED. UNDER ALTERNATE #6 EXISTING CEILING WILL NEED TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL REMOVE LIGHT FIXTURES, SPEAKERS AND ETC. REINSTALL IN GRID WHEN GRID IS REINSTALLED.
15. REMOVE EXISTING EXTERIOR FIXTURE AND MAINTAIN CIRCUIT.
16. EXISTING LIGHTING CIRCUITS THIS AREA. ELECTRICAL CONTRACTOR SHALL REUSE EXISTING HOME RUN CIRCUIT AND BRANCH CIRCUITS WITH NEW MODIFICATION FOR SWITCHING OF AREAS SHOWN.
17. EXISTING CORRIDOR LIGHTING TO BE REMOVED AND INSTALLED IN NEW GRID CEILING. RECONNECT TO CIRCUITS INDICATED.
18. REMOVE EXISTING SWITCH BANK. PROVIDE FINISHED TYPE COVERPLATE.
19. REMOVE EXISTING MULTI-SWITCH SWITCH BANK.
20. EXISTING GRID CEILING. PROVIDE 4 WIRE FLEX AND LEADS ON EXISTING LIGHT FIXTURES AND RECONNECT FOR DUAL LEVEL SWITCHING.
21. EXISTING LIGHTING FIXTURES THIS AREA TO BE REMOVED AND REUSED IN NEW CLASSROOM ADDITION IN SOUTH POD.
22. MASTER SWITCH BANK "A" FOR IMC AREA LIGHT SWITCHING. SEE DETAIL THIS SHEET.
23. (2#6) 3/4"C.
24. (2#10) 1/2"C.
25. ONE BALLAST (TWO LAMPS) TO BE CONNECTED TO EMERGENCY CIRCUIT.
26. MASTER SWITCH BANK "B" FOR CORRIDOR LIGHTING. 5-20 AMP SWITCHES PROVIDE ENGRAVE NAME PLATE - CORRIDOR LIGHTS.
27. REMOVE EXISTING EXIT LIGHT AND REPLACE WITH NEW. SEE FIXTURE SCHEDULE FOR TYPE.
28. PHONES/INTERCOM HANDSET CONDUIT AND WIRE TIE BACK TO COMM./DATA CABINET. MOUNT AT + 48" AFF TO BOTTOM U.O.N. + 16" AFF TO BOTTOM DESK SET. SEE VOICE DATA ONE LINE.
29. 8" ABOVE COUNTER.
30. 8" ABOVE COUNTER, GFI PROTECTED.
31. AUDIO FEEDBACK J-BOX 1" CONDUIT WITH RG6 AND ANIXTER CMP-00424-FAH-4 BACK TO COM DATA ROOM/CABINET.
32. CATV/CCTV OUTLET MOUNTED AT 56" AFF TO BOTTOM WITH "F" CONNECTORS WITH 3/4"C TO COMPUTER NETWORK J-BOX 1"C. FROM TV J-BOX TO ABOVE ACCESSIBLE CEILING, ELECTRICAL CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS. SEE ONE LINE DRAWING 16.6.
33. COMPUTER NETWORKING J-BOX + 16" AFF TO BOTTOM WITH WIRES AND JACK 3/4"C TO CATV/CCTV J-BOX, ALSO LOCATE SECOND J-BOX NEXT TO DATA J-BOX. SEE CATV/CCTV ONE LINE AND BRANCH VOICE DATA ONE LINE U.O.N.
34. SEE CLOCK SPECIFICATION SECTION FOR SIZE OF CLOCK J-BOX. CLOCK + 90" AFF TO BOTTOM OF CLOCK CASE.
34. INTERCOM REMOVE PUSH BUTTON CALL, PROVIDE FOR NEW TELEPHONE SET, TELEPHONE (VOICE) WIRE AND J-BOX.
35. COMPUTER NETWORKING (FUTURE) + 16" AFF WITH BLANK COVER PLATE 3/4"C TO ABOVE ACCESSIBLE CEILING UNLESS NOTED ABOVE COUNTER THAN LOCATE 8" ABOVE COUNTER.
36. CENTER LINE CLOCK OVER DOOR HEADER & CEILING.
37. RECEPTACLE PROVIDE WITH SURGE ARRESTER EAGLE MODEL #IG1208V-BOX.
38. DATA & TELEPHONE OUTLET MOUNTED IN COUNTER PER ARCHITECT.
39. RECEPTACLE MOUNTED IN COUNTER PER ARCHITECT.
40. IVORY DOUBLE DUPLEX RECEPTACLE, IVORY SINGLE POLE SWITCH TO CONTROL DOUBLE DUPLEX WITH NYLON COVER PLATE AND NYLON SCREW MOUNTED IN RACEWAY IN COUNTER, DATA BOX MOUNTED IN RACEWAY.
41. 1 1/2"C U.O.N. TO ABOVE ACCESSIBLE CEILING FOR DATA CABLE.
42. TWO EIGHT POLE ELECTRICAL CONTACTORS ABOVE CEILING FOR CONTROL OF COMPUTER RECEPTACLES NEMA 1 ENCLOSURE.
43. KEYED SWITCH FOR CONTACTOR CONTROL LABEL SWITCH "COMPUTER POWER".
44. 8 DATA CABLES TO COMPUTER ROOM PUNCH DOWN BLOCK IN RM 178.
45. 6 DATA CABLES TO COMPUTER PUNCH DOWN BLOCK IN RM 178.

FLAG NOTES (CONTINUED)

46. 11 DATA CABLES TO COMPUTER PUNCH DOWN BLOCK IN RM 178.
47. 10 DATA CABLES TO COMPUTER PUNCH DOWN BLOCK IN RM 178.
48. 7 DATA CABLES TO COMPUTER PUNCH DOWN BLOCK IN RM 178.
49. 3 DATA CABLES TO COMPUTER PUNCH DOWN BLOCK IN RM 178.
50. (4#10 + #10 GRD) 3/4"C. ROUTE CIRCUITS THRU COMPUTER CONTACTOR.
51. (3#10 + 10 GRD) 3/4"C. ROUTE CIRCUITS THRU COMPUTER CONTACTOR.
52. (2#10 + 10 GRD) 1/2"C. ROUTE CIRCUITS THRU COMPUTER CONTACTOR.
53. (6#10 + 10 GRD) 1"C. ROUTE CIRCUITS THRU COMPUTER CONTACTOR.
54. TELE/POWER POLE WIREMOLD SERIES ALTC-4, FROM FLOOR TO CEILING. MAKE CONNECTION TO FURNITURE RACEWAY AS DIRECTED BY ARCHITECT.
55. ALTERNATE #6 EXISTING WALL BEING REMOVED AND NEW FOLDING WALL BEING ADDED UNDER ALTERNATE #6. REMOVE ALL POWER AND SYSTEM WIRING IN WALL AND MAINTAIN CIRCUITS.
56. ALTERNATE #7 EXISTING WALL BEING REMOVED NEW FOLDING WALL BEING ADDED UNDER ALTERNATE #7. REMOVE ALL POWER AND SYSTEM WIRING IN WALL AND MAINTAIN CIRCUITS.
57. RAISED EXISTING OUTLETS TO 8" ABOVE COUNTER. PROVIDE GFI RECEPTACLES.
58. REMOVE EXISTING CATV/CCTV CABLING AND REPLACE WITH NEW RG-6 PLENUM RATED CABLES. SAME AS NEW SYSTEM ROUTE TO LOCAL CATV/CCTV BACKBOARDS.
59. MAKE 120 VOLT CONNECTION TO LOW VOLTAGE TRANSFORMERS FOR AUTOMATIC FLUSHING SYSTEMS & ELECTRONIC SINKS. VERIFY LOCATION & QUANTITY OF TRANSFORMER CONNECTIONS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE GFI BREAKER ON CIRCUIT FOR TRANSFORMERS.
60. SINGLE POLE SWITCH FOR EXHAUST FAN PARALLEL SWITCHES TO EXHAUST FAN SO THAT EITHER SWITCH WILL TURN FAN ON.
61. CIRCUIT TO EXHAUST FAN. SWITCH WITH LIGHTS.
62. SET LINE VOLTAGE T-STAT IN COM DATA CLOSET. STAT FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR.
63. SECURITY RACEWAY TO J-BOX ABOVE ACCESSIBLE CEILING 3/4"C FROM J-BOX TO J-BOX THEN HOME RUN 3/4"C TO MAIN TTB IN RM 158. SEE VOICE DATA ONE LINE.
64. DOUBLE DUPLEX.
65. HIGH ABUSE RECEPTACLE, SEE SPECIFICATION.
66. REMOVE EXISTING BELL. MAINTAIN CIRCUIT.
67. RELOCATED EXISTING BELL, (2#10). RECONNECT TO EXISTING BELL CIRCUIT.
68. WEATHERPROOF DUPLEX RECEPTACLE ON ROOF MOUNTED UP 24" ON MECHANICAL UNIT.
69. ROUTE ALL CONDUITS BEHIND INTERCOM MASTER STATION. IN STUD WALL, NO CONDUITS SHALL BE EXPOSED.
70. CONNECTION TO GAS WATER HEATER FOR ELECTRIC IGNITER, VERIFY EXACT LOCATION OF WATER HEATER WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
71. ROUTE CONDUITS UNDER FLOOR UP WALLS TO ABOVE ACCESSIBLE CEILING.
72. THIS ROOM SHALL HAVE TAMPER RESISTANT RECEPTACLES EQUAL TO LEVITON 5262-SG.
73. REMOVE EXISTING UNIT VENTILATORS POWER CONNECTION AND CIRCUIT.
74. ALTERNATE #5 EXISTING WALL BEING REMOVED AND NEW FOLDING WALL BEING ADDED. UNDER ALTERNATE #5 REMOVE ALL POWER AND SYSTEM WIRING IN WALL AND MAINTAIN CIRCUITS.
75. UNDER ALTERNATE #11 ADD DATA AND COMPUTER NETWORKING BOXES, DEVICES, CABLING, RECEPTACLE AND CIRCUIT.
76. ADD NEW WALL INTERCOM TELEPHONE/HANDSET UNDER ALTERNATE #5.
77. ADD RECEPTACLE AND CKT UNDER ALTERNATE #5.
78. REWIRE EXISTING FEED BACK J-BOX WITH RG-6 AND AUDIO CABLES. NEW CABLES SHALL BE PLENUM RATED.
79. EXISTING TELEPHONE BOARD AND ASSOCIATE EQUIPMENT AND CABLING TO BE REMOVED AND RELOCATED AND RECONNECTED TO RM 158 AT MAIN TELEPHONE TERMINAL BOARD.
80. REMOVE EXISTING FIRE ALARM CONTROL PANEL AND BATTERY CABINET. TURN OVER TO OWNER.
81. 2-100/2 DISCONNECT SWITCHES, ONE FOR KITCHEN BOOSTER HEATER TO REMAIN THE OTHER ONE TO BE REMOVED.
82. EXISTING PANEL LP2 TO REMAIN.
83. EXISTING PANEL EM TO REMAIN.
84. EXISTING KILN RECEPTACLE AND CIRCUIT TO BE REMOVED.
85. EXISTING AUTO DIALER/SECURITY CONTROL TO BE REMOVED AND RELOCATED TO NEW MAIN TELEPHONE TERMINAL BOARD RM 158 AND RECONNECTED.
86. EXISTING MECHANICAL ROOM. ELECTRICAL CONTRACTOR SHALL REMOVE POWER CIRCUITS, DISCONNECT, CONDUIT AND WIRING FOR ALL MECHANICAL EQUIPMENT REMOVED FROM THIS ROOM. SEE MECHANICAL DRAWING FOR EXTENT OF DEMOLITION WORK.
87. SEE MECHANICAL EQUIPMENT SCHEDULE FOR CIRCUITS REQUIRED TO NEW MECHANICAL EQUIPMENT IN THIS ROOM.
88. EXISTING EM DISCONNECT SWITCH TO BE REMOVED.
89. SWITCH "e" TO CONTROL DOWN LIGHTS AND SWITCH "f" TO CONTROL UPLIGHTS.
90. EXTERIOR LIGHTS ROUTED THRU CONTACTOR AND CONTROLLED BY MASTER CLOCK.
91. NEW EXTERIOR LIGHTING CONTACTOR 4POLE TIE COIL INTO MASTER CLOCK (2#10) 1/2"C.
92. ALTERNATE #5 EXISTING WALL BEING REMOVED NEW FOLDING WALL BEING ADDED. UNDER ALTERNATE #5 EXISTING CEILING WILL NEED TO BE REMOVED. ELECTRICAL CONTRACTOR SHALL REMOVE LIGHT FIXTURES, SPEAKER AND ETC. REINSTALL ON CEILING WHEN GRID IS REINSTALLED. ALSO REMOVE EXISTING LIGHT SWITCHING AND PROVIDE NEW SWITCHING AS SHOWN.

FLAG NOTES (CONTINUED)

93. ALL CONDUITS SHALL BE ROUTED INSIDE BUILDING. (TYPICAL FOR ALL EXTERIOR LIGHT FIXTURES.)
94. REMOVE EXISTING EXIT LIGHT AND REPLACE WITH NEW EXIT LIGHT. SEE FIXTURE SCHEDULE. PROVIDE WIRE GUARDS IN MULTI PURPOSE ROOM.
95. EXISTING GLUE ON TILE CEILING TO REMAIN. CONCEAL ALL WIRE ABOVE CEILING. VERIFY WITH GENERAL CONTRACTOR FOR CUTTING AND PATCHING EXISTING CEILING. NOTE NO LARGE CONDUIT TO BE ROUTED ABOVE THIS CEILING. ONLY USE SPACE FOR SYSTEMS TO BE RAN WILD, I.E. CATV/CCTV, INTERCOM, FIRE ALARM AND ETC.
96. REMOVE EXISTING LIGHT FIXTURES AND REINSTALL AFTER ALL MECHANICAL WORK IS COMPLETE AND INSTALL TO AVOID ALL MECHANICAL EQUIPMENT.
97. RUN CIRCUIT THRU 6 POLE CONTACTOR FOR EXTERIOR PARKING LOT ONLY. LOCATE CONTACTOR NEXT TO PANEL LPB. RUN (2#10) 1/2"C FROM CONTACTOR COIL TO MASTER CLOCK.
98. EXISTING PANEL LA TO BE REMOVED AND RELOCATED. EXTEND AND RECONNECT ALL EXISTING CIRCUITS AND FEEDERS TO PANELS NEW LOCATION. UNDERFLOOR CONDUITS AND FEEDERS SHALL HAVE CONDUITS EXTENDED FROM EXISTING PANEL LOCATION TO NEW LOCATION. REPULL NEW CONDUCTORS OF SAME SIZE AS ONES REMOVED FROM LAST EXISTING ACCESSIBLE LOCATION TO NEW PANEL LOCATION. EXISTING OVERHEAD CONDUITS AND FEEDERS SHALL HAVE NEW J-BOX LOCATION ABOVE NEW CEILING. EXTEND NEW CONDUITS AND FEEDER TO NEW PANEL LOCATION. EXTEND NEW CONDUCTORS FROM NEW J-BOX TO NEW PANEL LOCATION. RECONNECT TO NEW CONDUCTORS TO EXISTING. USE WIRE NUTS ON WIRE SIZE #6 AWG AND SMALLER AND HIGH COMPRESSION CONNECTORS ON WIRE SIZES LARGER THAN #6 AWG.
99. SECURITY KEY PAD 48" A.F.F, 4" SQUARE DEEP BOX, 1 GANG RING, BLANK COVER PLATE. STUB 3/4"C TO ACCESSIBLE CEILING, LABEL SECURITY.
100. WEATHERPROOF INTERCOM HORN MOUNT AT 9'-8" AFG TO CENTER LINE, PROVIDE WITH WIRE GUARD.
101. ELECTRICAL CONTRACTOR SHALL WIRE SURGE ARRESTERS PER MANUFACTURERS WIRING DIAGRAMS. VERIFY WITH MANUFACTURER PRIOR TO ANY ROUGH-IN.
102. SURGE ARRESTOR MOUNTED ON WALL IN PUBLIC VIEW, SEE ELECTRICAL ONE LINE.
103. NEW MAIN TELEPHONE SERVICE BACKBOARD 4'X 8' X 3/4" PLYWOOD. SEE SYSTEM ONE LINES DRAWING 16.6.
104. NEW MAIN COM/DATA BACKBOARD 4' X 8' X 3/4" PLYWOOD. SEE SYSTEM ONE LINES DRAWING 16.6.
105. NEW MAIN VOICE DATA & CATV/CCTV BACKBOARD. 4' X 8' X 3/4" PLYWOOD. SEE SYSTEM ONE LINES DRAWING 16.6.
106. NEW VOICE/DATA PLYWOOD BACKBOARD. SEE SYSTEM ONE LINES DRAWING 16.6.
107. NEW INTERCOM PLYWOOD BACKBOARD. SEE SYSTEM ONE LINES DRAWING 16.6.
108. EXTERIOR LIGHTING CONTACTORS C1 & C2.
109. SPARE FUSE CABINET.

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ELECTRICAL ENGINEERS

R J McNUTT AND ASSOCIATES, INC.

1015 37TH AVENUE COURT/SUITE 202
GREELEY, COLORADO 80634

GREELEY (303) 356-3093 - DENVER (303) 654-1441

POUDRE R-1 SCHOOL DISTRICT

CACHE LA POUDRE ELEMENTARY

ADDITION & REMODEL
FT. COLLINS, COLORADO

Robb, Brenner, and Brelig, Inc
125 S. Howes – Suite 880
Fort Collins, CO 80521

RBB

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