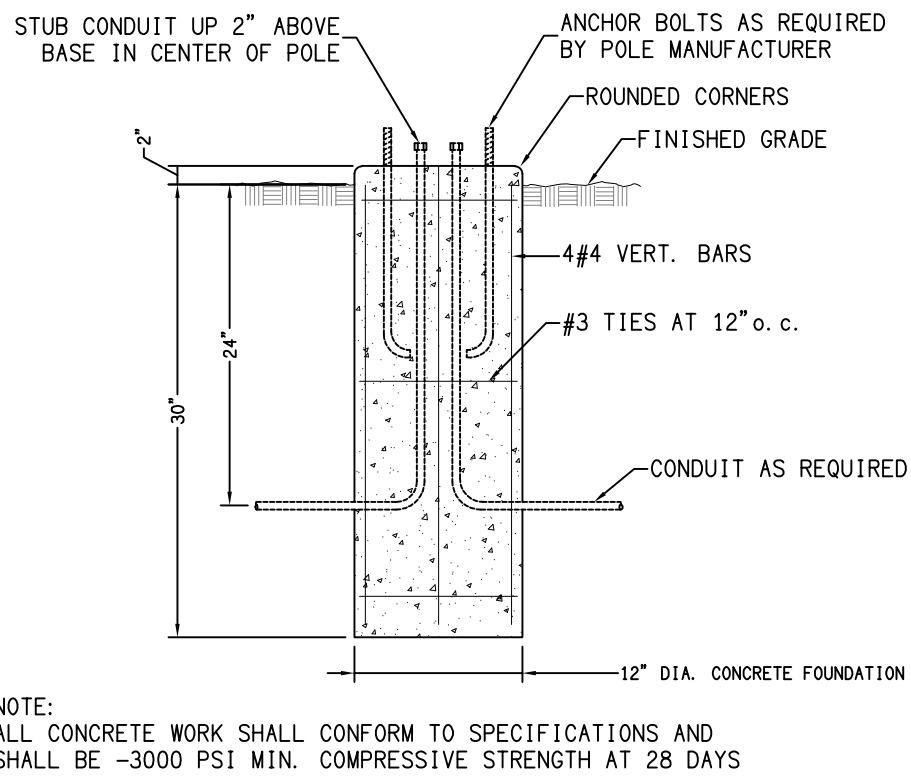
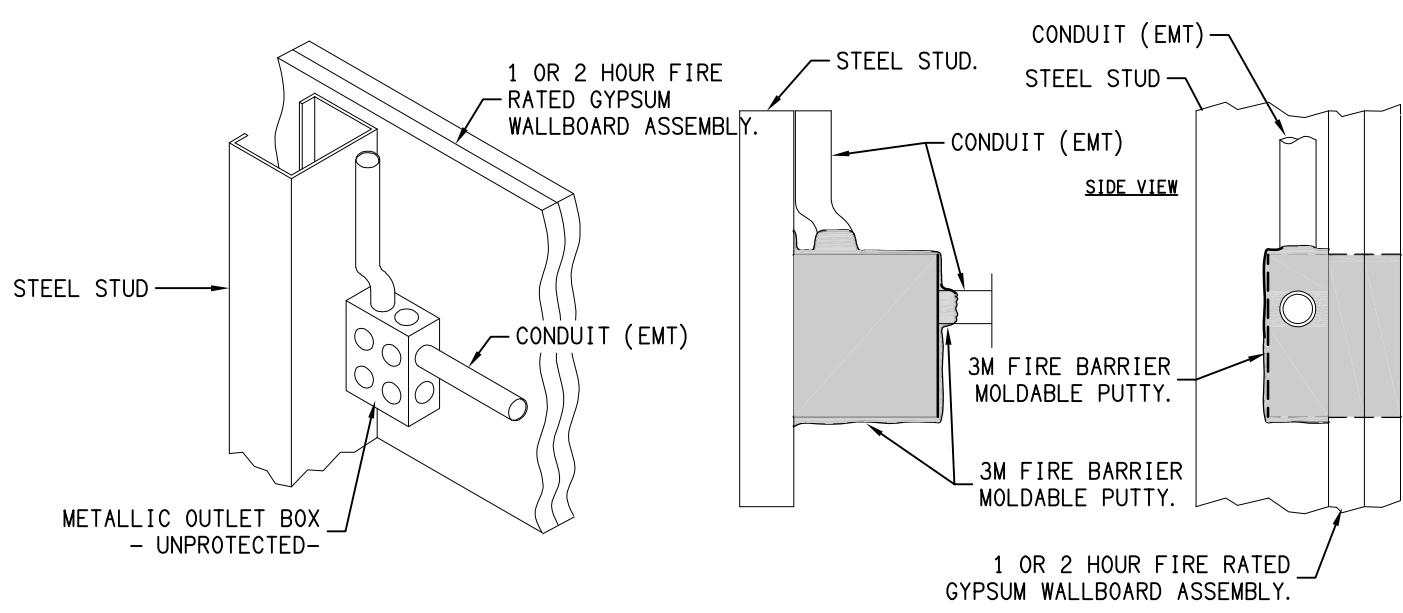


| ELECTRICAL LEGEND |                                                                                                                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | CEILING OUTLET WITH LED OR FLUORESCENT FIXTURE                                                                                                                                                                                                                                            |
|                   | WALL OUTLET WITH LED OR FLUORESCENT FIXTURE                                                                                                                                                                                                                                               |
|                   | CEILING OUTLET WITH LED OR FLUORESCENT FIXTURE                                                                                                                                                                                                                                            |
|                   | SWITCH, SINGLE POLE, 120VAC, MOUNTED AT 48" AFF TO TOP OF OUTLET BOX                                                                                                                                                                                                                      |
|                   | SWITCH, THREE WAY, 120VAC, MOUNTED AT 48" AFF TO TOP OF OUTLET BOX                                                                                                                                                                                                                        |
|                   | DUAL TECH OCCUPANCY SENSOR WITH ON/OFF SWITCH, 120VAC, MOUNTED AT 48" AFF TO TOP OF OUTLET BOX, SENSORWXR SWK-100 SERIES OR EQUAL                                                                                                                                                         |
|                   | MOTOR RATED SNAP SWITCH FOR EQUIPMENT DISCONNECTING MEANS, SWITCH RATING AS INDICATED ON PLANS AND/OR SCHEDULES                                                                                                                                                                           |
|                   | KEYED SWITCH, SINGLE POLE, 120VAC, MOUNTED AT 48" AFF TO TOP OF OUTLET BOX                                                                                                                                                                                                                |
|                   | SWITCH W/ PILOT LIGHT, SINGLE POLE, 120VAC, MOUNTED AT 48" AFF TO TOP OF OUTLET BOX                                                                                                                                                                                                       |
|                   | FAN CONTROL RELAY SWITCH MOUNTED AT 48" AFF TO TOP OF OUTLET BOX                                                                                                                                                                                                                          |
|                   | SWITCH, SINGLE POLE, 120VAC, IN WEATHER PROOF ENCLOSURE, MOUNTED AT 48" AFF TO TOP OF OUTLET BOX                                                                                                                                                                                          |
|                   | TIMER SWITCH WITH 30 MINUTE MAX TIME LIMIT, MOUNTED AT 48" AFF TO TOP OF OUTLET BOX                                                                                                                                                                                                       |
|                   | 250V TWO POLE SWITCH, MATCH AMP RATING OF EQUIPMENT BREAKER                                                                                                                                                                                                                               |
|                   | SLIDE DIMMER WITH ON/OFF SWITCH, SINGLE POLE, 120VAC, MOUNTED AT 48" AFF TO TOP OF OUTLET BOX, MATCH DIMMER TECHNOLOGY WITH FIXTURE LOAD TO BE CONTROLLED.                                                                                                                                |
|                   | DUAL TECH OCCUPANCY SENSOR WITH DIMMING AND ON/OFF SWITCH, 120VAC, MOUNTED AT 48" AFF TO TOP OF BOX, MATCH DIMMER TECHNOLOGY WITH FIXTURE LOAD TO BE CONTROLLED.                                                                                                                          |
|                   | DUAL TECH OCCUPANCY SENSOR, PROVIDE POWER PACKS AND SUPPORTING INFRASTRUCTURE AND HARDWARE TO CONTROL FIXTURE LOADS INDICATED.                                                                                                                                                            |
|                   | UL924 EMERGENCY POWER CONTROL RELAY.                                                                                                                                                                                                                                                      |
|                   | DUPLEX CONVENIENCE RECEPTACLE, 120VAC, MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX, UNO                                                                                                                                                                                                    |
|                   | DUPLEX CONVENIENCE RECEPTACLE ON EMERGENCY POWER, 120VAC, MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX, UNO                                                                                                                                                                                 |
|                   | DUPLEX CONVENIENCE RECEPTACLE WITH (2) USB PORTS, 120VAC, MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX, UNO                                                                                                                                                                                 |
|                   | RECEPTACLE BOTTOM SECTION, SWITCH MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX, UNO                                                                                                                                                                                                         |
|                   | QUAD CONVENIENCE RECEPTACLE, 120VAC, MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX, UNO                                                                                                                                                                                                      |
|                   | QUAD CONVENIENCE RECEPTACLE ON EMERGENCY POWER, 120VAC, MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX, UNO                                                                                                                                                                                   |
|                   | QUAD CONVENIENCE RECEPTACLE WITH (2) USB PORTS, 120VAC, MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX, UNO                                                                                                                                                                                   |
|                   | DUPLEX ISOLATED GROUND RECEPTACLE, 120VAC, MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX, UNO                                                                                                                                                                                                |
|                   | SIMPLEX CONVENIENCE RECEPTACLE, 120VAC, MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX, UNO                                                                                                                                                                                                   |
|                   | 250V SINGLE PHASE RECEPTACLE RATED FOR "XX" AMPS, VERIFY NEMA TYPE REQUIRED WITH MANUFACTURER                                                                                                                                                                                             |
|                   | PTAC 250V SINGLE PHASE RECEPTACLE RATED FOR 20 AMPS, VERIFY NEMA TYPE REQUIRED WITH MANUFACTURER                                                                                                                                                                                          |
|                   | EQUIPMENT CONNECTION, COORDINATE CONNECTION WITH EQUIPMENT CONNECTION SCHEDULE                                                                                                                                                                                                            |
|                   | FLOOR MOUNTED RECEPTACLE, COVER FLUSH W/ FINISHED FLOOR. BOD: HUBBELL CFB23GR3CR WITH CFB516RCVKNKL COVER.                                                                                                                                                                                |
|                   | COMBINATION POWER/DATA FLOOR SERVICE FIXTURE, PROVIDE 6" ROUND FLOOR FIXTURE SERVICE DEVICE WITH DOUBLE DUPLEX RECEPTACLE AND 1/4" CONDUIT WITH PULLSTRING TO ABOVE FINISHED CEILING. PROVIDE WATERFALL END BUSHING AT CONDUIT STUB UP. BOD: HUBBELL CFB23GR3CR WITH CFB516RCVKNKL COVER. |
|                   | EMERGENCY STOP STATION                                                                                                                                                                                                                                                                    |
|                   | JUNCTION BOX                                                                                                                                                                                                                                                                              |
|                   | ELECTRICAL PANEL, SURFACE                                                                                                                                                                                                                                                                 |
|                   | ELECTRICAL PANEL, FLUSH                                                                                                                                                                                                                                                                   |
|                   | DISCONNECT SWITCH, NON-FUSED                                                                                                                                                                                                                                                              |
|                   | DISCONNECT SWITCH, FUSED. ## = FUSE AMPS                                                                                                                                                                                                                                                  |



**(A) BOLLARD BASE DETAIL**  
E0.1 SCALE: NTS



**(B) PUTTY PACK DETAIL FOR 1 AND 2 HR RATED WALLS**  
E0.1 SCALE: NTS

| LV SYSTEMS LEGEND |                                                                                                                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | PHONE/DATA TELECOM OUTLET, MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX UNO. PROVIDE 4" SQUARE BACK BOX WITH 3/4" CONDUIT AND PULLSTRING STUBBED UP ABOVE FINISHED CEILING. PROVIDE WATERFALL END BUSHING AT CONDUIT STUB UP.                                                               |
|                   | FLOOR MOUNT PHONE/DATA TELECOM OUTLET, COVER FLUSH W/ FINISH FLOOR. PROVIDE 1" CONDUIT WITH PULLSTRING TO ABOVE FINISHED CEILING. PROVIDE WATERFALL END BUSHING AT CONDUIT STUB UP. BOD: HUBBELL CFB516RCVKNKL COVER.                                                                     |
|                   | COMBINATION POWER/DATA FLOOR SERVICE FIXTURE, PROVIDE 6" ROUND FLOOR FIXTURE SERVICE DEVICE WITH DOUBLE DUPLEX RECEPTACLE AND 1/4" CONDUIT WITH PULLSTRING TO ABOVE FINISHED CEILING. PROVIDE WATERFALL END BUSHING AT CONDUIT STUB UP. BOD: HUBBELL CFB23GR3CR WITH CFB516RCVKNKL COVER. |
|                   | CEILING MOUNTED WIRELESS ACCESS POINT LOCATION, PROVIDE SINGLE GANG BOX AT NON-ACCESSIBLE CEILING LOCATIONS. NO RACEWAY/BOX SCOPE OF WORK AT ACCESSIBLE CEILING LOCATIONS. COORDINATE WITH OWNER AND LOW VOLTAGE CONTRACTOR FOR EXACT ROUGH IN LOCATIONS AND QUANTITIES.                  |
|                   | TV CONNECTION MOUNTED AT 18" AFF TO CENTER OF OUTLET BOX UNO. PROVIDE 4" SQUARE BOX WITH SINGLE GANG MID RING AND 1" CONDUIT WITH PULLSTRING STUBBED UP TO ABOVE FINISHED CEILING. PROVIDE WATERFALL END BUSHING AT CONDUIT STUB UP.                                                      |
|                   | NURSE CALL SYSTEM PUSH BUTTON MOUNTED AT 48" AFF OR 6" AC.                                                                                                                                                                                                                                |
|                   | NURSE CALL SYSTEM BATH/SHOWER STATION MOUNTED AT 48" AFF. UNO. PROVIDE PULL CORD TO EXTEND DOWN TO 2" AFF.                                                                                                                                                                                |
|                   | NURSE CALL SYSTEM BED STATION MOUNTED AT 54" AFF WITH SINGLE PULL CORD.                                                                                                                                                                                                                   |
|                   | NURSE CALL SYSTEM LED DOME LIGHT INDICATOR SURFACE MOUNTED ON CEILING OR ON WALL AT 90" AFF.                                                                                                                                                                                              |
|                   | NURSE CALL SYSTEM DUTY STATION MOUNTED AT 48" AFF OR 6" AC.                                                                                                                                                                                                                               |
|                   | NURSE CALL SYSTEM ANNUNCIATOR MOUNTED AT DESKTOP. COORDINATE EXACT ROUGH IN LOCATION WITH OWNER/ARCHITECT.                                                                                                                                                                                |
|                   | NURSE CALL SYSTEM MASTER STATION MOUNTED AT DESKTOP. COORDINATE EXACT ROUGH IN LOCATION WITH OWNER/ARCHITECT.                                                                                                                                                                             |
|                   | NURSE CALL SYSTEM SERVER HEAD END EQUIPMENT WALL MOUNTED AT 54" AFF. PROVIDE DEDICATED CIRCUIT AS INDICATED ON PLANS.                                                                                                                                                                     |
|                   | ACCESS CONTROL SYSTEM DOOR CONTROLLER AND POWER SUPPLY. POWER SUPPLY SHALL HAVE INTEGRAL BATTERY BACKUP. PROVIDE CIRCUITING AND DISCONNECTING MEANS AS INDICATED ON DRAWINGS. MOUNT ABOVE ACCESSIBLE CEILING.                                                                             |
|                   | ACCESS CONTROL SYSTEM CARD READER/KEYPAD INPUT DEVICE. MOUNT AT 44" AFF.                                                                                                                                                                                                                  |
|                   | ACCESS CONTROL SYSTEM ELECTROMAGNETIC LOCKING DEVICE WITH 1500LB HOLDING FORCE MOUNTED ON DOOR FRAME/DOOR. DEVICE SHALL RELEASE UPON FIRE ALARM ACTIVATION. DEVICE SHALL RELEASE UPON DELAY RELAY ACTIVATION WITH 15 SECOND DELAY.                                                        |
|                   | ACCESS CONTROL SYSTEM DELAY RELAY MOUNTED AT DOOR WITH ELECTROMAGNETIC LOCKING DEVICE AS INDICATED ON DRAWINGS. ACTIVATION OF RELAY FOR 3 SECONDS SHALL INITIATE IRREVERSIBLE ALARM AND 15 SECOND ACCESS DELAY.                                                                           |
|                   | REQUEST FOR EXIT DEVICE, COORDINATE LOCATION WITH SUPPLIER.                                                                                                                                                                                                                               |
|                   | ACCESS CONTROL SYSTEM KILL SWITCH FOR MANUAL DEACTIVATION OF ELECTROMAGNETIC LOCKING DEVICES. MOUNT AT 60" AFF.                                                                                                                                                                           |
|                   | ACCESS CONTROL SYSTEM SECURITY INTERCOM SYSTEM. PROVIDE ALL COMPONENTS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. MOUNT EXTERIOR DEVICES AT 44" AFF. COORDINATE INTERIOR MOUNTING LOCATIONS WITH PROVIDER.                                                                           |
|                   | ACCESS CONTROL SYSTEM MOTION SENSOR AT DOOR, INTEGRAL TO MAG LOCK OR PROVIDE AS SEPARATE SENSOR.                                                                                                                                                                                          |
|                   | ACCESS CONTROL DOOR POSITION SENSOR MOUNTED AT DOOR.                                                                                                                                                                                                                                      |
|                   | PUSH BUTTON FOR AUTO DOOR OPENER. MOUNT AT 44" AFF.                                                                                                                                                                                                                                       |
|                   | ACCESS CONTROL SYSTEM RELEASE BUTTON FOR EMERGENCY ACCESS THROUGH CONTROLLED DOORS. PROVIDE CLEAR PLASTIC COVER AND SOUNDER. MOUNT AT 44" AFF.                                                                                                                                            |
|                   | PHONE/CXTY PANEL, 4x8x4 PLYWOOD WITH #6 INSUL. GROUND IN 4" CONDUIT TO ELEC. SYSTEM GROUND                                                                                                                                                                                                |

| DECORATIVE LUMINAIRE SCHEDULE |                                                                              |      |       |                |            |        |          |                           |                                      |                                                                                     |       |
|-------------------------------|------------------------------------------------------------------------------|------|-------|----------------|------------|--------|----------|---------------------------|--------------------------------------|-------------------------------------------------------------------------------------|-------|
| TAG ID                        | DESCRIPTION                                                                  | LAMP |       |                |            |        | BOD MFG. | BOD MODEL                 | MOUNTING                             | REMARKS                                                                             |       |
|                               |                                                                              | QTY  | WATTS | TYPE           | COLOR TEMP | LUMENS |          |                           |                                      |                                                                                     | VOLTS |
| D1                            | 20" ROUND SURFACE MOUNT DRUM. INTEGRAL LED. GRASS CLOTH FINISH               | -    | 33    | LED            | 3000K      | 2275   | 120      | MAXIM LIGHTING            | PRIME 102226C                        | SURFACE CEILING                                                                     | -     |
| D2                            | 31" CHANDELIER. CONTEMPORARY SILVER LEAF AND WROUGHT IRON FINISH.            | 4    | 6     | LED CANDLE E12 | 3000K      | 400    | 120      | CURREY & COMPANY          | LUNAIRA SMALL CHANDELIER 9000-0818   | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D3                            | 5" ROUND PENDANT. AGED BRASS/STRIPED COMBO FINISH.                           | 1    | 12    | LED A19 E26    | 3000K      | 1100   | 120      | HUDSON VALLEY             | BROOKVILLE 2384-AGB/ST               | PENDANT 6'-6" AFF TO FIXTURE UNDERSIDE                                              | -     |
| D4                            | 20" LONG WALL SCONCE. POLISHED NICKEL FINISH. SOFT WHITE FABRIC SHADE        | 1    | 6     | LED CANDLE E12 | 3000K      | 400    | 120      | HUDSON VALLEY             | ROCKLAND 8421-PN                     | SURFACE WALL 7'-6" AFF TO CENTER OF WALL PLATE                                      | -     |
| D5                            | 52" 3-SPEED CEILING FAN. INTEGRAL LED LIGHT KIT. OIL-BRUSHED BRONZE FINISH.  | -    | 16    | LED            | 3000K      | 1600   | 120      | CASA VIEJA                | CASA BREEZE 1H020                    | SURFACE CEILING                                                                     | -     |
| D6                            | 48" ROUND PENDANT DRUM. BRUSHED NICKEL FINISH. CREAM LINEN FABRIC DRUM SHADE | 8    | 9     | LED A19 E26    | 3000K      | 800    | 120      | JUSTICE DESIGN            | TEXTILE CLASSIC 85V07                | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D7                            | 36" ROUND PENDANT DRUM. BRUSHED NICKEL FINISH. CREAM LINEN FABRIC DRUM SHADE | 8    | 9     | LED A19 E26    | 3000K      | 800    | 120      | JUSTICE DESIGN            | TEXTILE CLASSIC 85T89                | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D8                            | 24" ROUND PENDANT DRUM. BEIGE/ANTIQUE FINISH.                                | 1    | 9     | LED A19 E26    | 3000K      | 800    | 120      | ARTERIORS                 | MIA PENDANT 41005                    | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D9                            | 10.5"x42" OVAL PENDANT. CONTEMPORARY GOLD FINISH.                            | 4    | 6     | LED CANDLE E12 | 3000K      | 400    | 120      | CURREY & COMPANY          | TENBY OVAL CHANDELIER 9000-0820      | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D10                           | 32" ROUND PENDANT RING. SATIN WHITE FINISH                                   | -    | 64    | LED            | 3000K      | 3750   | 120      | SONNEWAY                  | SON 2484.03                          | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D11                           | 19" LONG WALL SCONCE. LINEN ROPE/OFF WHITE FINISH.                           | 1    | 9     | LED A19 E26    | 3000K      | 800    | 120      | ARTERIORS                 | DOUGLAS SCONCE 49667-107             | SURFACE WALL 5'-1" AFF TO CENTER OF WALL PLATE                                      | -     |
| D12                           | 26" ROUND PENDANT. NATURAL FINISH.                                           | 1    | 16    | LED A19 E26    | 3000K      | 1600   | 120      | ARTERIORS                 | BLAKELY PENDANT 41005                | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D13                           | 10.5" ROUND PENDANT. SATIN WHITE FINISH.                                     | 1    | 9     | LED A19 E26    | 3000K      | 800    | 120      | SERENA & LILY             | CAPIZ HONEYCOMB CHANDELIER LA-HB3-03 | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D14                           | 22.5" ROUND PENDANT. SATIN WHITE FINISH.                                     | 1    | 9     | LED A19 E26    | 3000K      | 800    | 120      | SERENA & LILY             | CAPIZ HONEYCOMB CHANDELIER LA-HB3-02 | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D15                           | 29" ROUND PENDANT. SATIN WHITE FINISH.                                       | 1    | 9     | LED A19 E26    | 3000K      | 800    | 120      | SERENA & LILY             | CAPIZ HONEYCOMB CHANDELIER LA-HB3-01 | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D16                           | 15" LONG WALL SCONCE. INTEGRAL LED. BRUSHED NICKEL FINISH. OPAL SHADE.       | -    | 18    | LED            | 3000K      | 1100   | 120      | MODERN FORMS              | VOGUE WS-3115-B2                     | SURFACE WALL 6'-10" AFF TO CENTER OF WALL PLATE                                     | -     |
| D17                           | 28" ROUND PENDANT. INTEGRAL LED. WALNUT FINISH.                              | -    | 50    | LED            | 2700K      | 6900   | 120      | LIGHTOLOGY                | AC-207L-18                           | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D18                           | 26" LONG PICTURE LIGHT. WALL SCONCE. INTEGRAL LED. SATIN NICKEL FINISH.      | -    | 9     | LED            | 3000K      | 720    | 120      | HOUSE OF TROY             | DHLED226-52                          | SURFACE WALL 8'-5" AFF (AL LUMENS). 7'-7" AFF (AL/MC CORR.) TO CENTER OF WALL PLATE | -     |
| D19                           | DECORATIVE PENDANT                                                           | 8    | 6     | LED CANDLE E12 | 3000K      | -      | 120      | RETAILER: SHADES OF LIGHT | RETAILER SKU: CH21034 NA             | PENDANT TBD AFF TO FIXTURE UNDERSIDE                                                | -     |
| D20                           | VANITY LIGHT                                                                 | 3    | 16    | LED A19 E26    | 3000K      | 1600   | 120      | PROGRESS LIGHTING         | P2159-09                             | TBD AFF TO FIXTURE UNDERSIDE                                                        | -     |
| UD1                           | UNIT DECORATIVE VANITY LIGHT                                                 | 3    | 16    | LED A19 E26    | 3000K      | 1600   | 120      | PROGRESS LIGHTING         | P2159-09                             | TBD AFF TO FIXTURE UNDERSIDE                                                        | -     |
| UD2                           | UNIT DECORATIVE SEMI-FLUSH                                                   | -    | 17    | LED            | 3000K      | 1452   | 120      | PROGRESS LIGHTING         | P3683-0930K9                         | CEILING SUSPENDED (SEMI-FLUSH MOUNT)                                                | -     |
| UD3                           | UNIT DECORATIVE FAN W/ LIGHT KIT                                             | 2    | 16    | LED A19 E26    | 3000K      | -      | 120      | PROGRESS LIGHTING         | P2599-30                             | CEILING SUSPENDED                                                                   | -     |

**DECORATIVE LUMINAIRE FIXTURE SCHEDULE NOTES:**

- ALL FIXTURES THIS SCHEDULE SELECTED BY INTERIOR DESIGNER. COORDINATE FINAL SELECTIONS WITH INTERIOR DESIGN DRAWINGS.
- CONTRACTOR SHALL PROVIDE ALL LAMPS AS SCHEDULED ABOVE. BASIS OF DESIGN MANUFACTURER: SIGNIFY.
- COORDINATE ALL CEILING INSTALLATION TYPES AND PROVIDE REQUIRED FLANGE KITS AND/OR SUPPORTING HARDWARE AND INFRASTRUCTURE FOR A COMPLETE INSTALLATION.

**HOUSE LUMINAIRE SCHEDULE**

| TAG ID | DESCRIPTION                                                             | LAMP |       |         |            |        | BOD MANUF. | BOD MODEL         | MOUNTING                                 | REMARKS                                                             |                                                                    |
|--------|-------------------------------------------------------------------------|------|-------|---------|------------|--------|------------|-------------------|------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------|
|        |                                                                         | QTY  | WATTS | TYPE    | COLOR TEMP | LUMENS |            |                   |                                          |                                                                     | VOLTS                                                              |
| H1     | 6" LED DOWN LIGHT. MATTE WHITE FINISH. WIDE DIST.                       | -    | 15    | LED     | 3000K      | 1500   | 120        | LIGHTOLIER        | 6RN-CBL15930W210U-CBRLWH                 | RECESSED CEILING                                                    | UL WET LOCATION                                                    |
| H2     | 6" LED DOWN LIGHT. MATTE WHITE FINISH. WIDE DIST.                       | -    | 19    | LED     | 3000K      | 2000   | 120        | LIGHTOLIER        | 6RN-CBL20930W210U-CBRLWH                 | RECESSED CEILING                                                    | -                                                                  |
| H3     | 6" LED DOWN LIGHT. MATTE WHITE FINISH. WIDE DIST.                       | -    | 23    | LED     | 3000K      | 2500   | 120        | LIGHTOLIER        | 6RN-CBL25930W210U-CBRLWH                 | RECESSED CEILING                                                    | -                                                                  |
| H4     | 1' X4' LED RECESSED ARCHITECTURAL                                       | -    | 34    | LED     | 3000K      | 3800   | 120        | DAY BRITE         | 1FFXG38B930-4-DS-UNV-DIM                 | RECESSED CEILING                                                    | -                                                                  |
| H5     | 2' X2' LED RECESSED ARCHITECTURAL                                       | -    | 34    | LED     | 3000K      | 3800   | 120        | DAY BRITE         | 2FFXG38B930-2-DS-UNV-DIM                 | RECESSED CEILING                                                    | -                                                                  |
| H6/H6S | 2' X4' LED RECESSED ARCHITECTURAL                                       | -    | 37    | LED     | 3000K      | 4800   | 120        | DAY BRITE         | 2FFXG48L930-4-DS-UNV-DIM                 | RECESSED CEILING                                                    | PROVIDE SURFACE MOUNT KIT FSF424 FOR H6S ONLY                      |
| H7     | 2' X4' LED RECESSED TROFFER                                             | -    | 47    | LED     | 4000K      | 6000   | 120        | DAY BRITE         | 2FPZ60L840-4-DS-UNV-DIM                  | RECESSED CEILING                                                    | -                                                                  |
| H8     | 4' INDUSTRIAL WRAP                                                      | -    | 45    | LED     | 4000K      | 5500   | 120        | DAY BRITE         | FSI45SL840-4-DS-UNV-DIM                  | CHAIN HUNG FROM STRUCTURE AT 8' AFF OR SURFACE MOUNTED TO STRUCTURE | -                                                                  |
| H9     | 24" ROUND SURFACE LED AMBIENT                                           | -    | 44    | LED     | 3000K      | 5300   | 120        | BETA CALCO        | 97-1020-30-WH-D1                         | SURFACE CEILING                                                     | MOUNT TO FIRE RATED JBXX                                           |
| H10    | 48" OVER BED LED AMBIENT/READING                                        | -    | 83    | LED     | 3000K      | 6000   | 120        | DAY BRITE         | H2M4L30111120SWH-LS                      | SURFACE WALL AT 72" AFF                                             | -                                                                  |
| H11    | 4" SHOWER LED DOWN LIGHT                                                | -    | 15    | LED     | 3000K      | 1500   | 120        | LIGHTOLIER        | 4RN-P4RSL15830WH210U                     | RECESSED CEILING                                                    | -                                                                  |
| H12    | BATHROOM HEAT LAMP                                                      | 1    | 250   | BR40 JR | -          | -      | 120        | NUTONE            | 9412D                                    | RECESSED CEILING                                                    | -                                                                  |
| H13    | RESIDENT NIGHT LIGHT                                                    | -    | 2     | LED     | 3000K      | 18     | 120        | HUBBELL           | NW-V-V1-WH                               | RECESSED WALL AT 24" AFF                                            | PROVIDE THRU-WALL BOX (-TWB) WHERE FIXTURES INDICATED BACK-TO-BACK |
| H14    | SURFACE MOUNTED 5" LED DISK TASK LIGHT                                  | -    | 10    | LED     | 3000K      | 650    | 120        | LIGHTOLIER        | SSR9307                                  | CEILING SURFACE                                                     | MOUNT TO FIRE RATED JBXX                                           |
| H15    | 8" BOLLARD WITH INTERNAL LOUVERS                                        | -    | 40    | LED     | 3000K      | 2000   | 120        | US ARCH. LIGHTING | BRAR-LED-1L-36LED-WW-120-RAL-9005-T      | CONCRETE BASE (A/E/O. 1)                                            | -                                                                  |
| H16    | TAPE LIGHT W/ CHANNEL & LENS. VERIFY NUMBER OF TRANSFORMERS W/ SUPPLIER | -    | 3/FT  | LED     | 3000K      | -      | 24         | -                 | -                                        | COVE MOUNTED                                                        | TRANSFORMER SIZE ASSUMED 96WATTS, 30 MAX RUN                       |
| H17    | 6" LED DOWN LIGHT. MATTE WHITE FINISH                                   | -    | 26    | LED     | 3000K      | 3000   | 120        | LIGHTOLIER        | 6RN-CBL30930M210U-CBRLWH                 | RECESSED CEILING                                                    | VERIFY IC RATING REQUIREMENTS WITH ARCHITECT                       |
| H18    | 3" LED DOWN LIGHT                                                       | -    | 12    | LED     | 3000K      | 773    | 120        | CSL               | ED3JNC-309080-12 ED3-90-OPTIC ED3-RF5TWT | RECESSED CEILING                                                    | VERIFY TRIM                                                        |
| H19    | 8" LINEAR DIRECT/INDIRECT PENDANT                                       | -    | 71    | LED     | 3000K      | 7534   | 120        | COOPER CORELITE   | VB-WS-2-4-30-1-D-UNV-AC48-XX-8-HCD-W     | SUSPEND. VERIFY MOUNTING HEIGHT                                     | VERIFY FINISH                                                      |
| H20    | 12" LINEAR DIRECT/INDIRECT PENDANT                                      | -    | 107   | LED     | 3000K      | 11301  | 120        | COOPER CORELITE   | VB-WS-2-4-30-1-D-UNV-AC48-XX-12-HCD-W    | SUSPEND. VERIFY MOUNTING HEIGHT                                     | VERIFY FINISH                                                      |
| H21    | KEYLESS PORCELAIN LAMPHOLDER                                            | 1    | 15    | A19 LED | 3500K      | 1680   | 120        | LEVITON           | 9874                                     | RAFTER                                                              | -                                                                  |
| H22    | GROUND MOUNT FLOOD LIGHT FOR MONUMENT SIGN                              | -    | 36    | LED     | 4000K      | 2560   | 120        | TARGET11          | DRM41BZLSP40/SYM SUPER SMOOT             | GROUND                                                              | PROVIDE ALL MOUNTING HARDWARE                                      |
| ⊗      | EDGE LIT LED EXIT SIGN                                                  | -    | 3     | LED     | -          | -      | 120        | CHLORIDE          | CACRCA                                   | SURFACE CEILING OR SURFACE WALL                                     | PROVIDE NUMBER OF FACES AND CHEVRONS AS INDICATED ON PLANS         |
| ⊗WP    | EXTERIOR EXIT LIGHT                                                     | -    | 3     | LED     | -          | -      | 120        | ISOLITE           | RWL-AC-R-1-WH-MTEBP                      | CEILING OR WALL                                                     | UL WET LOCATION. VERIFY FRAME COLOR.                               |
| ⚡      | INTERIOR LED BATTERY BACKUP EMERGENCY LIGHT                             | -    | 3     | LED     | -          | -      | 120        | CHLORIDE          | CLU3WN                                   | SURFACE CEILING OR SURFACE WALL                                     | -                                                                  |
| ⚡      | EXTERIOR LED BATTERY BACKUP EMERGENCY LIGHT                             | -    | 24    | LED     | -          | -      | 120        | CHLORIDE          | PLACMBZ                                  | SURFACE WALL                                                        | -                                                                  |
| ⚡      | EXTERIOR LED EMERGENCY LIGHT                                            | -    | 24    | LED     | -          | -      | 120        | CHLORIDE          | PLACBZ                                   | SURFACE WALL                                                        | -                                                                  |

**LIGHTING FIXTURE NOTES:**

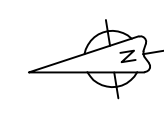
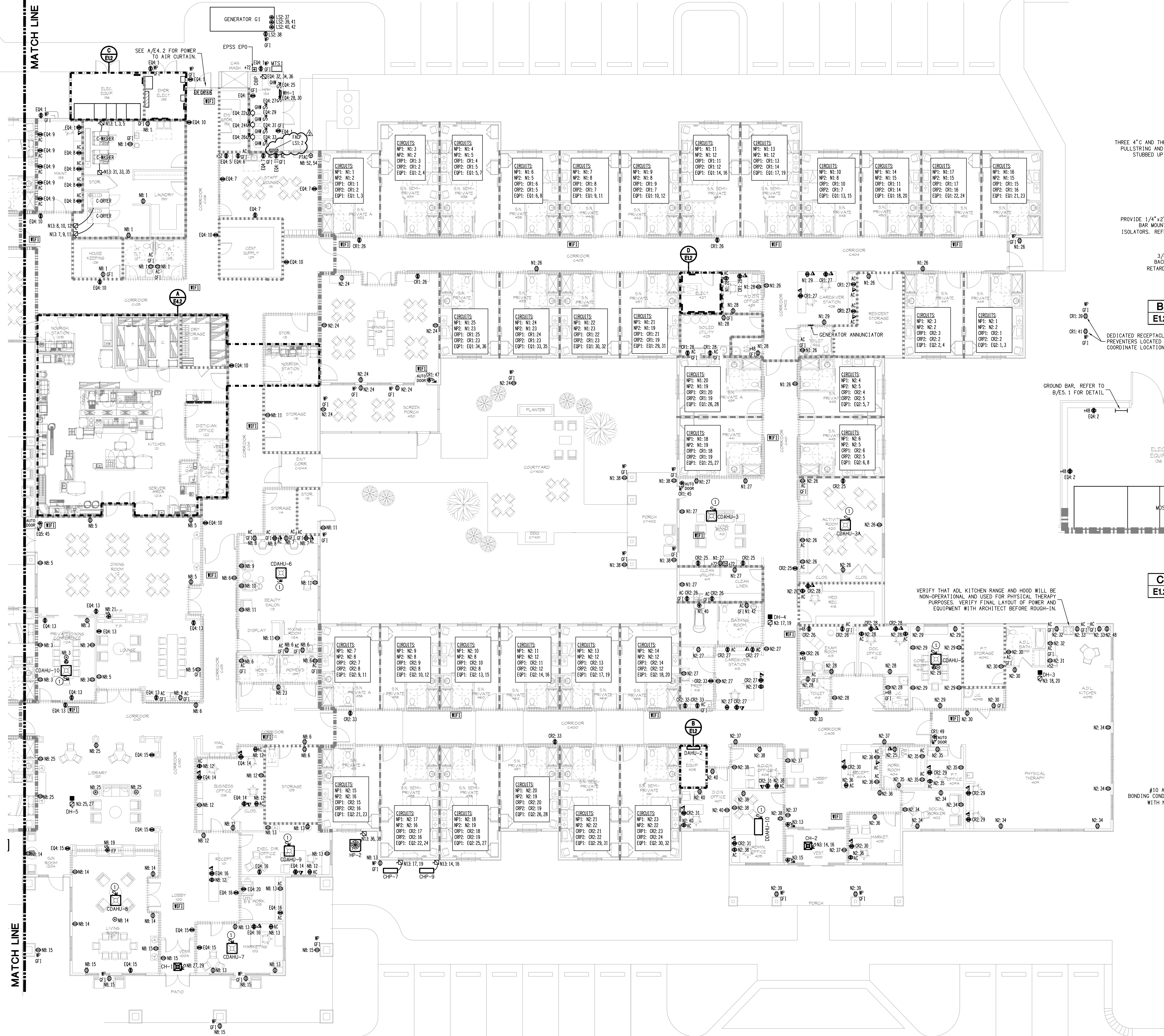
- VERIFY ALL FINISH SELECTIONS WITH OWNER/ARCHITECT PRIOR TO SUBMITTAL.
- CONTRACTOR SHALL PROVIDE ALL LAMPS SCHEDULED ABOVE. ALL LAMPS SHALL BE LED.
- COORDINATE ALL CEILING INSTALLATION TYPES AND PROVIDE REQUIRED FLANGE KITS AND/OR SUPPORTING HARDWARE AND INFRASTRUCTURE FOR A COMPLETE INSTALLATION.
- FOR RECESSED FIXTURES LOCATED IN FIRE RATED CEILINGS PROVIDE TENMAT (OR EQUAL) COVER TO MATCH AND PRESERVE FIRE RATING OF CEILING.
- DESIGN BASED ON WIDE OPTIC ON RECESSED DOWNLIGHTS AND LUMEN OUTPUTS SHOWN. CHANGES TO SPECIFIED OPTICS OR LUMEN PACKAGES BECOME THE RESPONSIBILITY OF THE CONTRACTOR.

| EQUIPMENT CONNECTION SCHEDULE               |                                    |      |     |     |      |       |       |        |             |                        |         |
|---------------------------------------------|------------------------------------|------|-----|-----|------|-------|-------|--------|-------------|------------------------|---------|
| TAG ID                                      | DESCRIPTION                        | HP   | KW  | AMP | VOLT | PHASE | BKR   | FEEDER |             | CONNECTION             | REMARKS |
|                                             |                                    |      |     |     |      |       |       | COND   | WIRE        |                        |         |
| RHP-1, 3, 5, 6, 8                           | 2 TON PACKAGE HEAT PUMP            | -    | -   | 54  | 208  | 1     | 70/2  | 1½"    | 2#4, 1#8G   | NON-FUSED DISC NEMA 3R | -       |
| GP-2, 5A, 6, 7, 9, 10                       | 3 TON GAS PACKAGE UNIT             | -    | -   | 15  | 208  | 3     | 25/3  | ½"     | 3#10, 1#10G | NON-FUSED DISC NEMA 3R | -       |
| GP-15                                       | 4 TON GAS PACKAGE UNIT             | -    | -   | 19  | 208  | 3     | 35/3  | ¾"     | 3#8, 1#10G  | NON-FUSED DISC NEMA 3R | -       |
| GP-12                                       | 5 TON GAS PACKAGE UNIT             | -    | -   | 21  | 208  | 3     | 40/3  | ¾"     | 3#8, 1#10G  | NON-FUSED DISC NEMA 3R | -       |
| GP-1, 11                                    | 6 TON GAS PACKAGE UNIT             | -    | -   | 30  | 208  | 3     | 50/3  | 1½"    | 3#6, 1#10G  | NON-FUSED DISC NEMA 3R | -       |
| GP-8                                        | 10 TON GAS PACKAGE UNIT            | -    | -   | 43  | 208  | 3     | 70/3  | 1½"    | 3#4, 1#8G   | NON-FUSED DISC NEMA 3R | -       |
| DOAS-1, 5, 6, 8                             | DEDICATED OUTDOOR AIR SYSTEM       | -    | -   | 60  | 208  | 3     | 80/3  | 1½"    | 3#3, 1#8G   | NON-FUSED DISC NEMA 3R | -       |
| DOAS-3, 4, 7                                | DEDICATED OUTDOOR AIR SYSTEM       | -    | -   | 71  | 208  | 3     | 100/3 | 1½"    | 3#3, 1#8G   | NON-FUSED DISC NEMA 3R | -       |
| DOAS-2                                      | DEDICATED OUTDOOR AIR SYSTEM       | -    | -   | 77  | 208  | 3     | 110/3 | 1½"    | 3#2, 1#8G   | NON-FUSED DISC NEMA 3R | -       |
| CHP-2, 3A, 5, 6, 7, 8, 9, 10 DDHP-10        | VRF SPLIT SYSTEM OUTDOOR UNIT      | -    | -   | 8   | 208  | 1     | 15/2  | ½"     | 2#12, 1#12G | NON-FUSED DISC NEMA 3R | -       |
| CHP-3                                       | VRF SPLIT SYSTEM OUTDOOR UNIT      | -    | -   | 8   | 208  | 1     | 15/2  | ½"     | 2#12, 1#12G | NON-FUSED DISC NEMA 3R | -       |
| CDAHU-2, 3, 3A, 5, 6, 7, 8, 9, 10, DDHJU-10 | VRF SPLIT SYSTEM INDOOR UNIT       | -    | -   | 1   | 208  | 1     | 15/2  | ½"     | 2#12, 1#12G | SEE NOTE 4.            | -       |
| HP-1, 2, 4                                  | 2 & 2.5 TON HEAT PUMPS             | -    | -   | 14  | 208  | 1     | 25/2  | ½"     | 2#10, 1#10G | NON-FUSED DISC NEMA 1  | -       |
| HP-3                                        | 3 TON HEAT PUMP                    | -    | -   | 14  | 208  | 1     | 30/2  | ½"     | 2#10, 1#10G | NON-FUSED DISC NEMA 1  | -       |
| AHU-1, 2, 3                                 | AIR HANDLING UNIT                  | -    | -   | 38  | 208  | 1     | 50/2  | 1"     | 2#6, 1#10G  | NON-FUSED DISC NEMA 1  | -       |
| AHU-4                                       | AIR HANDLING UNIT                  | -    | -   | 31  | 208  | 1     | 40/2  | ¾"     | 2#6, 1#10G  | NON-FUSED DISC NEMA 1  | -       |
| DAC-1, 2                                    | DUCTLESS SPLIT SYSTEM OUTDOOR UNIT | -    | -   | 9   | 208  | 1     | 15/2  | ½"     | 2#12, 1#12G | NON-FUSED DISC NEMA 3R | -       |
| DAHU-1, 2                                   | DUCTLESS SPLIT SYSTEM INDOOR UNIT  | -    | -   | 1   | 208  | 1     | 15/2  | ½"     | 2#12, 1#12G | SEE NOTE 4.            | -       |
| DH-3                                        | DUCT HEATER                        | -    | 2   | 12  | 208  | 1     | 20/2  | ½"     | 2#12, 1#12G | NON-FUSED DISC NEMA 1  | -       |
| DH-1, 2, 4                                  | DUCT HEATER                        | -    | 3   | 18  | 208  | 1     | 30/2  | ¾"     | 2#10, 1#10G | NON-FUSED DISC NEMA 1  | -       |
| DH-5                                        | DUCT HEATER                        | -    | 4.5 | 27  | 208  | 1     | 40/2  | ¾"     | 2#8, 1#10G  | NON-FUSED DISC NEMA 3  | -       |
| WH-1                                        | WALL HEATER                        | -    | 2   | 12  | 208  | 1     | 20/2  | ½"     | 2#12, 1#12G | 20A SNAP SWITCH        | -       |
| CH-1, 2                                     | CEILING HEATER                     | -    | 2   | 12  | 208  | 1     | 20/2  | ½"     | 2#12, 1#12G | 20A SNAP SWITCH        | -       |
| PTAC                                        | PACKAGED TERMINAL AIR CONDITIONER  | -    | -   | 15  | 208  | 1     | 20/2  | ½"     | 2#12, 1#12G | NEAW 6-20R             | -       |
| C-WASHER                                    | COMMERCIAL WASHER                  | -    | -   | 20  | 208  | 3     | 30/3  | ¾"     | 3#10, 1#10G | NON-FUSED DISC NEMA 3R | -       |
| C-DRYER                                     | COMMERCIAL DRYER                   | -    | -   | 5   | 208  | 3     | 15/3  | ¾"     | 3#12, 1#12G | NON-FUSED DISC NEMA 3R | -       |
| DRYER                                       | RESIDENTIAL DRYER                  | -    | -   | 20  | 208  | 1     | 30/2  | ¾"     | 2#10, 1#10G | 2 POLE RECEPTACLE      | -       |
| DBP                                         | DOMESTIC WATER BOOSTER PUMP        | (2)5 | -   | 32  | 208  | 3     | 60/3  | 1½"    | 3#4, 1#8G   | NON-FUSED DISC NEMA 3R | -       |

T1

MATCH LINE

MATCH LINE



**A Partial Floor Plan - Power**  
E12 SCALE: 3/32" = 1' - 0"

### GENERAL NOTES

- A. ALL PRIVATE SKILLED NURSING UNITS: REFER TO C/E4.1 FOR LAYOUT.  
ALL SEMI-PRIVATE SKILLED NURSING UNITS: REFER TO D/E4.1 FOR LAYOUTS

### KEY NOTES

- ① INDOOR VRF UNIT RECEIVES POWER FROM OUTDOOR UNIT. SEE ADDITIONAL INFORMATION ON CONNECTION SCHEDULE NOTE 4.

THREE 4" C AND THREE 2" C WITH PULLSTRING AND END BUSHING STUBBED UP FROM IT 408

PROVIDE 1/4" x 2" x 12" GROUND BAR MOUNTED ON 2700V ISOLATORS. REFER TO B/ES.1

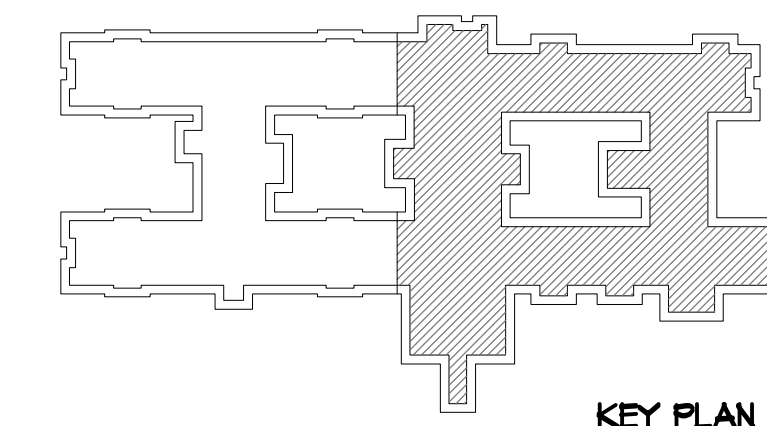
3/4" x 4" x 8" PLYWOOD BACKBOARD WITH FIRE RETARDANT PAINT (TYP).

DEDICATED RECEPTACLES FOR BACKFLOW PREVENTERS LOCATED ON SITE. COORDINATE LOCATIONS WITH CIVIL.

**B Enlarged Plan - IT 408**  
E12 SCALE: 1/4" = 1' - 0"

**C Enlarged Plan - Elec 135 & 136**  
E12 SCALE: 1/4" = 1' - 0"

**D Enlarged Plan - Elec 427**  
E12 SCALE: 1/4" = 1' - 0"



KEY PLAN

| FIRE & SMOKE PARTITION LEGEND |                          |
|-------------------------------|--------------------------|
| ---                           | FIRE/SMOKE BARRIER (1HR) |
| ---                           | FIRE/SMOKE BARRIER (2HR) |
| ---                           | FIRE BARRIER (1HR)       |
| -----                         | SMOKE PARTITION          |
| -----                         | SMOKE PARTITION (SUITE)  |

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10/6/22

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|--------|----------|-------------------------------------------|
| 1      | 07-11-22 | COORDINATION/VE CHANGES & NCDHHS COMMENTS |
| 2      | 09-23-22 | NCDHHS FIRE MARSHAL COMMENTS              |

PLOT DATE:

FILE LOCATION:

SHEET DESCRIPTION:

PARTIAL FLOOR PLAN POWER AND TELECOM

|             |      |        |          |
|-------------|------|--------|----------|
| PROJECT NO. | 1902 | SCALE: | AS NOTED |
| DRAWING NO. | E1.2 |        |          |

GENERAL NOTES

ALL MEMORY CARE UNITS (MCU) REFER TO A/E4.1 FOR LAYOUT.

A. ALL ASSISTED LIVING UNITS (ALU), REFER TO B/E4.1 FOR LAYOUT.



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**LEO BROWN GROUP**

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**REVISIONS:**

| REV. # | DATE     | REVISION TITLE                            |
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| 2      | 09-23-22 | NCDHHS FIRE MARSHAL COMMENTS              |

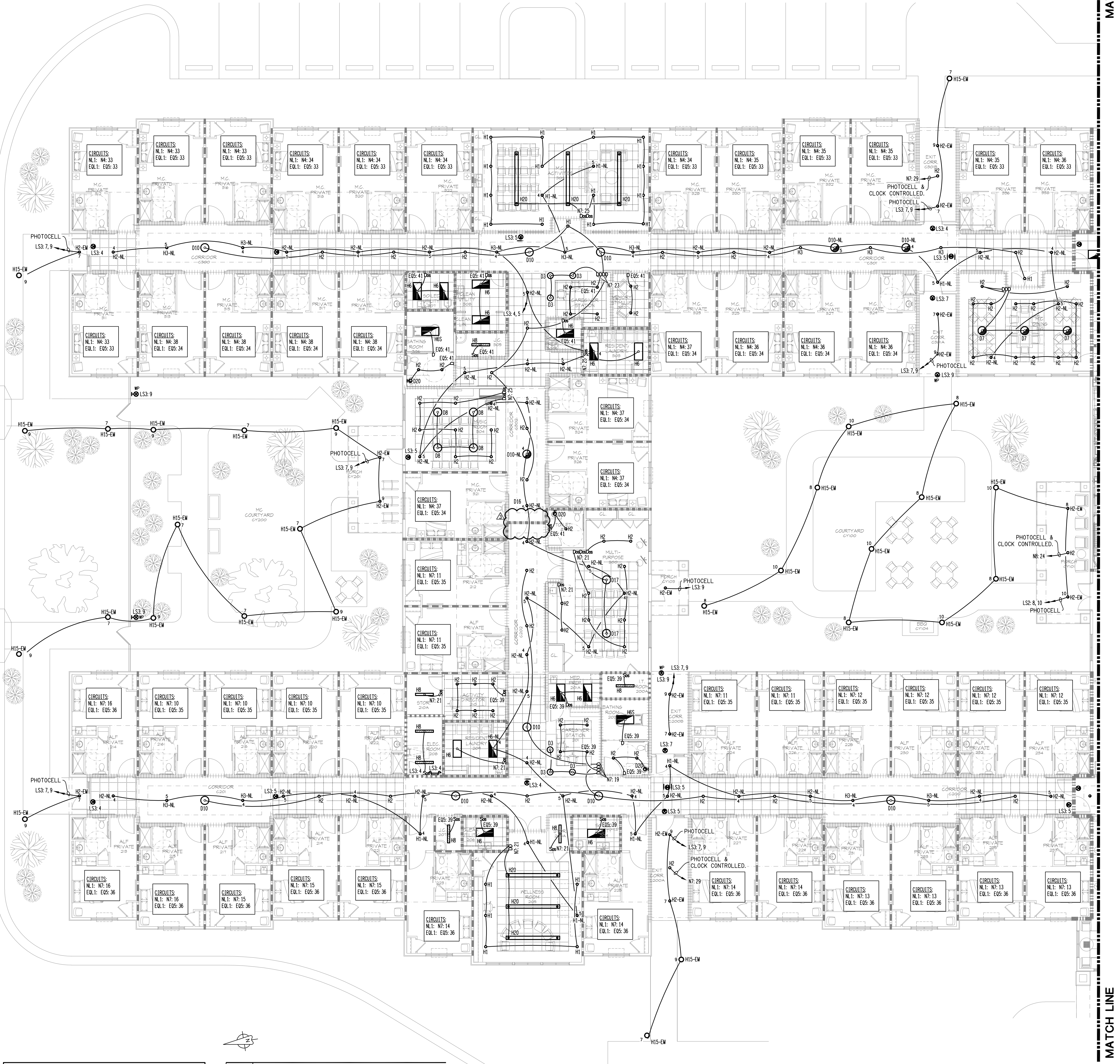
PLOT DATE:

FILE LOCATION:

SHEET DESCRIPTION:

**PARTIAL FLOOR PLAN LIGHTING**

PROJECT NO. 1902  
SCALE: AS NOTED  
DRAWING NO. **E2.1**



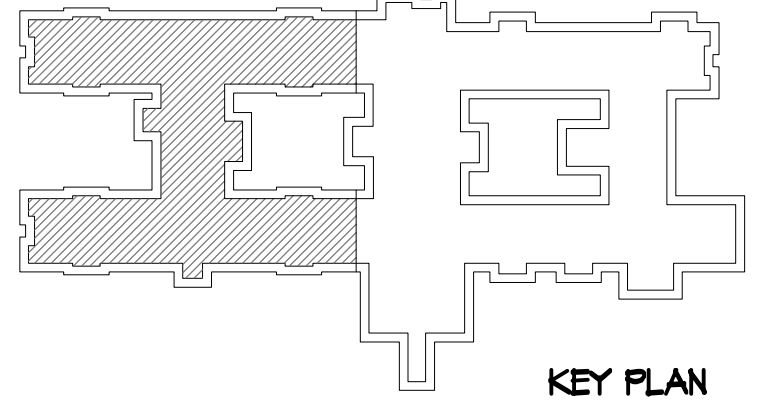
**EMERGENCY/EXIT LIGHTING NOTE:**

ALL INTERIOR EMERGENCY AND EXIT LIGHTS TO BE FED FROM LIGHTING CIRCUIT IN SAME AREA THE FIXTURE RESIDES AND WIRED AHEAD OF ANY LOCAL SWITCHES TO PROVIDE AN ALWAYS HOT FEED. USE UN-SWITCHED NIGHT LIGHT CIRCUIT IF AVAILABLE.

**A Partial Floor Plan - Lighting**

E2.1 SCALE: 3/32" = 1' - 0"

| FIRE & SMOKE PARTITION LEGEND |                          |
|-------------------------------|--------------------------|
| ---                           | FIRE/SMOKE BARRIER (1HR) |
| ----                          | FIRE/SMOKE BARRIER (2HR) |
| -----                         | FIRE BARRIER (1HR)       |
| +++++                         | SMOKE PARTITION          |
| +++++                         | SMOKE PARTITION (SUITE)  |





10/6/22

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|--------|----------|----------------------------------------|
| 1      | 07-11-22 | COORDINATIVE CHANGES & NCDHHS COMMENTS |
| 2      | 09-23-22 | NCDHHS FIRE MARSHAL COMMENTS           |

PLOT DATE:

FILE LOCATION:

SHEET DESCRIPTION:

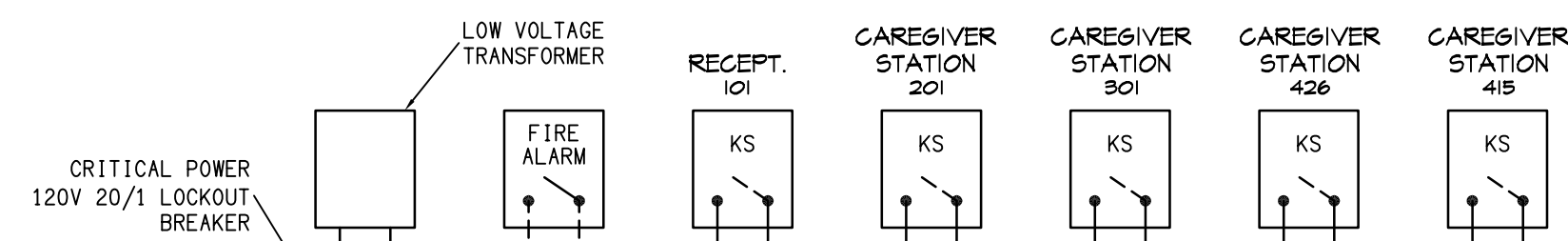
PARTIAL  
FLOOR PLAN  
LV SYSTEMS

PROJECT NO. 1902  
SCALE: AS NOTED  
DRAWING NO.

E3.1

| KEY NOTES |                                                   |
|-----------|---------------------------------------------------|
| 1         | VERIFY LOCATION FOR AUTO DOOR OPENER PUSH BUTTON. |

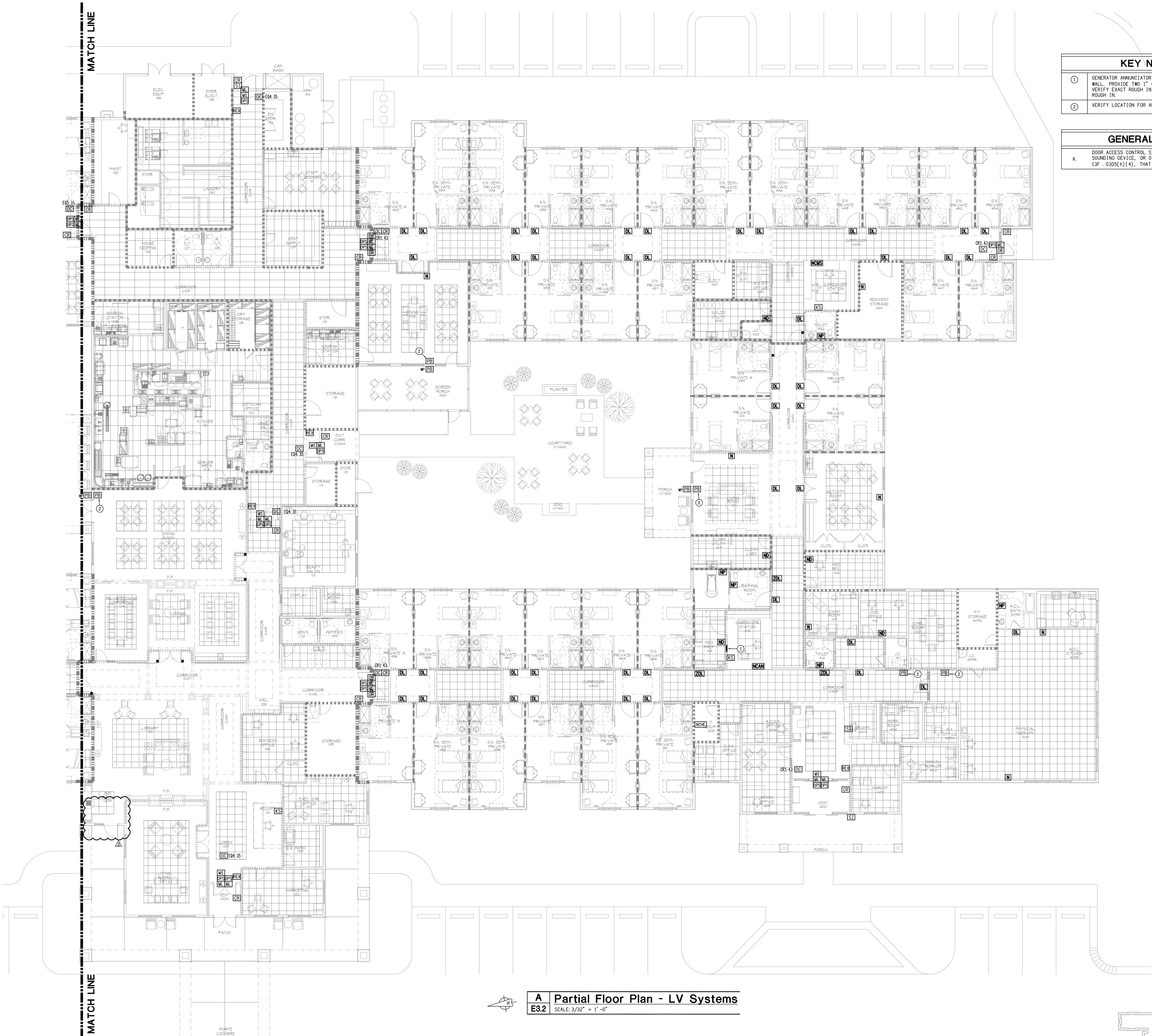
| GENERAL NOTES |                                                                                                                                                  |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| A.            | DOOR ACCESS CONTROL SYSTEM SHALL INCLUDE A SOUNDING DEVICE, OR OTHERWISE COMPLY WITH 10A NCAC 13F .0305(h)(4), THAT ACTIVATES WHEN DOOR IS OPEN. |



**A** Partial Floor Plan - LV Systems  
**E3.1** SCALE: 3/32" = 1'-0"

**B** Schematic - MagLock Door Override  
**E3.1** SCALE: NTS

| FIRE & SMOKE PARTITION LEGEND |                          |
|-------------------------------|--------------------------|
| ---                           | FIRE/SMOKE BARRIER (1HR) |
| ---                           | FIRE/SMOKE BARRIER (2HR) |
| ---                           | FIRE BARRIER (1HR)       |
| ---                           | SMOKE PARTITION          |
| ---                           | SMOKE PARTITION (SUITE)  |



| FIRE & SMOKE PARTITION LEGEND |                          |
|-------------------------------|--------------------------|
|                               | FIRE/SMOKE BARRIER (1HR) |
|                               | FIRE/SMOKE BARRIER (2HR) |
|                               | FIRE BARRIER (1HR)       |
|                               | SMOKE PARTITION          |
|                               | SMOKE PARTITION (SUITE)  |

| KEY NOTES |                                                                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ①         | GENERATOR ANNUNCIATOR PANEL MOUNTED FLUSH WITH WALL. PROVIDE TWO 1" CONDUIT TO GEN SET LOCATION. VERIFY EXACT ROUGH IN LOCATION WITH OWNER PRIOR TO ROUGH IN. |
| ②         | VERIFY LOCATION FOR AUTO DOOR OPENER PUSH BUTTON.                                                                                                             |

| GENERAL NOTES |                                                                                                                                                  |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| A.            | DOOR ACCESS CONTROL SYSTEM SHALL INCLUDE A SOUNDING DEVICE, OR OTHERWISE COMPLY WITH 10A NCAC 13F .0305(h)(4), THAT ACTIVATES WHEN DOOR IS OPEN. |

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| REVISIONS:          |          |                                        |
| REV. #              | DATE     | REVISION TITLE                         |
| △                   | 07-11-22 | COORDINATIVE CHANGES & NCDHHS COMMENTS |
| △                   | 09-23-22 | NCDHHS FIRE MARSHAL COMMENTS           |

PLOT DATE:

FILE LOCATION:

SHEET DESCRIPTION:

PARTIAL FLOOR PLAN  
LV SYSTEMS

|                     |                    |
|---------------------|--------------------|
| PROJECT NO.<br>1902 | SCALE:<br>AS NOTED |
|---------------------|--------------------|

DRAWING NO.

E3.2



10/6/22

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|--------|----------|-------------------------------------------|
| Δ      | 07-11-22 | COORDINATION/VE CHANGES & NCDHHS COMMENTS |
| Δ      | 09-23-22 | NCDOL-FIRE MARSHAL COMMENTS               |

PLOT DATE:

FILE LOCATION:

SHEET DESCRIPTION:

FIRE ALARM SCHEDULES, DETAIL, LEGEND AND NOTES

PROJECT NO. 1902 SCALE: AS NOTED

DRAWING NO.

FA0.1

### GENERAL NOTES:

- COORDINATE WITH MECHANICAL CONTRACTOR TO KEEP ALL SMOKE DETECTORS 3'-0" MINIMUM FROM ALL HVAC SUPPLY AND RETURN REGISTERS AND MAINTAIN A MAXIMUM OF 30'-0" SPACING BETWEEN SMOKE DETECTORS IN THE CORRIDORS AND A 15'-0" MINIMUM DISTANCE FROM EXTERIOR DOORWAYS AND 5'-0" FROM INTERIOR DOORWAYS IN CORRIDORS. CONTRACTOR SHALL ADD ANY DETECTORS REQUIRED TO MEET THE ABOVE SPACING AT NO EXPENSE TO THE OWNER.
- FIRE ALARM TAMPER SWITCH SHALL BE CONNECTED TO FIRE ALARM PANEL TROUBLE ALARM. WHEN TROUBLE ALARM SOUNDS IT CANNOT BE SILENCED UNTIL THE VALVE IS FULLY OPENED.
- ALL FIRE ALARM CONDUIT SHALL BE 3/4" UNLESS OTHERWISE NOTED.
- PROVIDE RELAY MODULE FOR:
  - MAGNETIC DOOR HOLDERS
  - AHU SHUTDOWN
- PROVIDE CONNECT PHONE DIALER TO A CENTRAL MONITORING STATION. PROVIDE DIALER IF NEEDED. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT NEEDED FOR THIS CONNECTION AND SHALL PAY ALL FEES REQUIRED FOR THIS CONNECTION. PHONE DIALER SHALL BE A DUAL LINE DIALER PROVIDED BY THE CONTRACTOR. THE FIRE ALARM CONTRACTOR SHALL PROVIDE ANY REQUIRED SHUT DOWN RELAYS AT THE HVAC UNIT AND SHALL PROVIDE ALL WIRING AND CONNECTIONS.
- ALL AHU'S & ERY'S SHALL SHUT DOWN ON GENERAL ALARM. PROVIDE NEEDED RELAYS.
- ALL SECURITY OPERATED DOORS SHALL OPEN UPON GENERAL ALARM CONDITIONS.
- INTERIOR TAMPER SWITCHES, PRESSURE OR FLOW SWITCHES AND TAMPER SWITCH AT POST INDICATING VALVE SHALL BE BY OTHERS WITH CONNECTION AND INSTALLATION BY THE CONTRACTOR. ALL OTHER EQUIPMENT AND INSTALLATION SHALL BE BY THE CONTRACTOR INCLUDING DUCT DETECTORS AND TAMPER SWITCHES IN THE BACKFLOW PREVENTER PIT.
- UPON COMPLETION OF THE INSTALLATION THE CONTRACTOR SHALL PROVIDE SMOKE DETECTOR SENSITIVITY REPORT AT THE FINAL STATE INSPECTION - SEE SPECS FOR COPY OF REPORT.
- SYSTEM SHALL BE POWER LIMITED TYPE.
- ALL COMPONENTS SHALL REFLECT U.L. LISTING AND LABELING FOR FIRE SERVICE USE AND SHALL BE COMPATIBLE.
- SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72, 72E, 70, ARTICLE 760-15, -16, -21, 7 NFPA 101 ARTICLE 7-6 AND ANSI A.17.1, 4, 26
- ALL STROBES SHALL COMPLY WITH ADA REQUIREMENTS.
- UPON ACTIVATION OF THE FIRE ALARM SYSTEM BY A MANUAL STATION, SMOKE DETECTOR, DUCT DETECTOR, ANSUL SYSTEM, FLOW OR PRESSURE SWITCHES THE FOLLOWING TAKES PLACE:
  - ENERGIZE ALL ALARM SIGNALING DEVICES.
  - SOUND ALL AUDIBLE ALARMS AND FLASH VISUAL SIGNAL THROUGHOUT THE BUILDING.
  - ALERT THE LOCAL FIRE DEPARTMENT OR PROPRIETARY SYSTEM.
  - CAUSE ALARM TO BE DISPLAYED ON THE ANNUNCIATOR AND ON THE CONTROL PANEL.
  - CLOSE ALL DOORS WHICH ARE HELD OPEN BY AUTOMATIC RELEASE DEVICES THROUGHOUT THE FACILITY OR BY ZONE.
  - ALL AIR HANDLING UNITS, ENERGY RECOVERY UNITS AND FRESH AIR MAKE-UP UNITS SHALL SHUT DOWN UPON FIRE ALARM ACTIVATION. SEE MECHANICAL PLANS FOR EQUIPMENT LOCATIONS.
- PROVIDE A COMPLETE ZONE NAME LIST SUCH THAT IT CAN BE DETERMINED IF THE SMOKE COMPARTMENT NAME IS USED IN EACH ZONE NAME AND THE ZONE NAMES HAVE BEEN COORDINATED WITH THE SMOKE COMPARTMENTS.
- STROBE FOR THE HEARING IMPAIRED: WIRE STROBE TO ACTIVATE UNDER GENERAL ALARM AND UPON SMOKE DETECTION IN ROOM.
- STROBE & STROBE/HORN CANDELA RATING  
HALLWAY & ROOMS 20x20 & SMALLER 15/75 CANDELA  
ROOMS LARGER THAN 20x20 CANDELA 15/95 TO 110 CANDELA  
EXTERIOR 135 CANDELA
- PROVIDE TAMPER SWITCH FOR BACKFLOW PREVENTER. VERIFY WHETHER TAMPER SWITCH IS IN THE BUILDING OR IN A PIT ON THE SITE.
- ALL STROBES AND STROBE/CHIMES SHALL BE ADJUSTABLE FOR LIGHT LEVEL AND AUDIO.

### DIGITAL COMMUNICATOR NOTES:

- THE COMMUNICATOR SHALL TRANSMIT SIGNALS TO A CENTRAL STATION AND SHALL BE UL OR FM LISTED FOR FIRE REPORTING TO A CENTRAL STATION. THE COMMUNICATOR SHALL CONFORM TO THE REQUIREMENTS OF NFPA 72.

THE DIGITAL COMMUNICATOR SHALL PROVIDE POWER AND NECESSARY COMPONENTS FOR FOUR SUPERVISED DETECTION CIRCUITS. ONE SHALL BE CLASS A AND THREE SHALL BE CLASS B.

THE CONTROL/COMMUNICATOR SHALL HAVE THE CAPABILITY TO SUPERVISE TWO TELEPHONE LINES, SEIZE THE PHONE LINE AND SEND THE ALARM SIGNAL ON ONE OR BOTH LINES WITHOUT THE ADDITION OF ANY MORE EQUIPMENT. IT SHALL SOUND A LOCAL TROUBLE SIGNAL IF THE TELEPHONE SERVICE IS INTERRUPTED FOR LONGER THAN 45 SECONDS AND IT SHALL TRANSMIT A SIGNAL INDICATING THE LOSS OF PHONE LINE SERVICE TO THE CENTRAL STATION OVER THE REMAINING PHONE LINE. A SIGNAL SHALL ALSO BE TRANSMITTED INDICATING THE RESTORAL OF PHONE SERVICE. THE CONTROL/COMMUNICATOR SHALL BE ABLE TO REPORT THE LOSS OF EITHER PHONE LINE WITHOUT REGARD TO WHICH PHONE LINE FAILED FIRST. IF BOTH LINES FAIL, A LOCAL SIGNAL SHALL SOUND.

THE CONTROL/COMMUNICATOR SHALL HAVE THE ABILITY TO SEND A TEST SIGNAL TO THE CENTRAL STATION EVERY 24-HOURS. THE TEST SIGNAL SHALL BE ABLE TO BE TRANSMITTED AT A SPECIFIC TIME OF DAY OR NIGHT BY SETTING A PROGRAM WITHIN THE PANEL.

THE COMMUNICATOR SHALL BE ABLE TO TRANSMIT ALL SIGNALS IN THE STANDARD SIA FORMAT (SECURITY INDUSTRY ASSOCIATION). THE ALARM SIGNALS TRANSMITTED TO THE CENTRAL STATION SHALL INDICATE WHICH OF THE ZONES IS IN ALARM AND WHICH ZONES ARE IN TROUBLE. RESTORAL FROM ALARM OR TROUBLE SHALL ALSO BE TRANSMITTED BY ZONE.

- ALL WIRING FOR THE DIGITAL COMMUNICATOR SHALL BE IN 3/4" CONDUIT.

### FIRE ALARM NOTIFICATION NOTES:

THE FIRE ALARM SYSTEM IS REQUIRED TO TRANSMIT AN ALARM AUTOMATICALLY TO THE FIRE DEPARTMENT (OR AGENCY) THAT IS LEGALLY COMMITTED TO SERVE THE AREA IN WHICH THE FACILITY IS LOCATED BY THE MOST DIRECT AND RELIABLE METHOD APPROVED BY THE LOCAL ORDINANCE. PROVIDE DUAL LINE DIALER FOR THIS SERVICE.

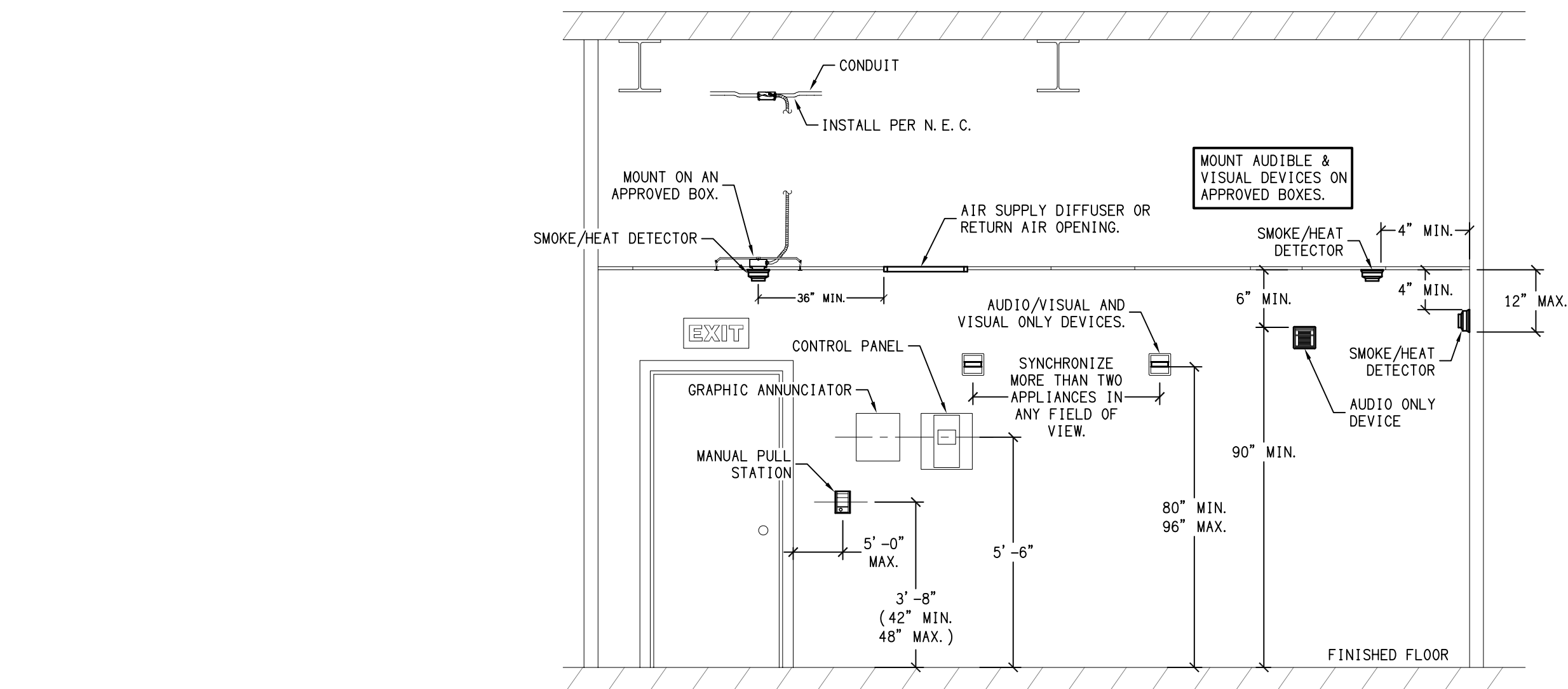
THE SIGNAL MUST GENERATE A SIGNAL IN THE NURSING FACILITY THAT CAN BE TRANSMITTED AUTOMATICALLY OVER THE CORRECT GRADE OF TELEPHONE CIRCUITS AND BE RECOGNIZED BY EQUIPMENT LOCATED IN THE CENTRAL STATION.

THE CONTRACTOR SHALL PROVIDE THE NECESSARY DEDICATED CIRCUIT (LEASED, INSTALLED OR OTHERWISE) FROM THE TELEPHONE COMPANY WHICH CAN CARRY THE NECESSARY SIGNAL FROM THE FACILITY TO THE MONITORING CENTER.

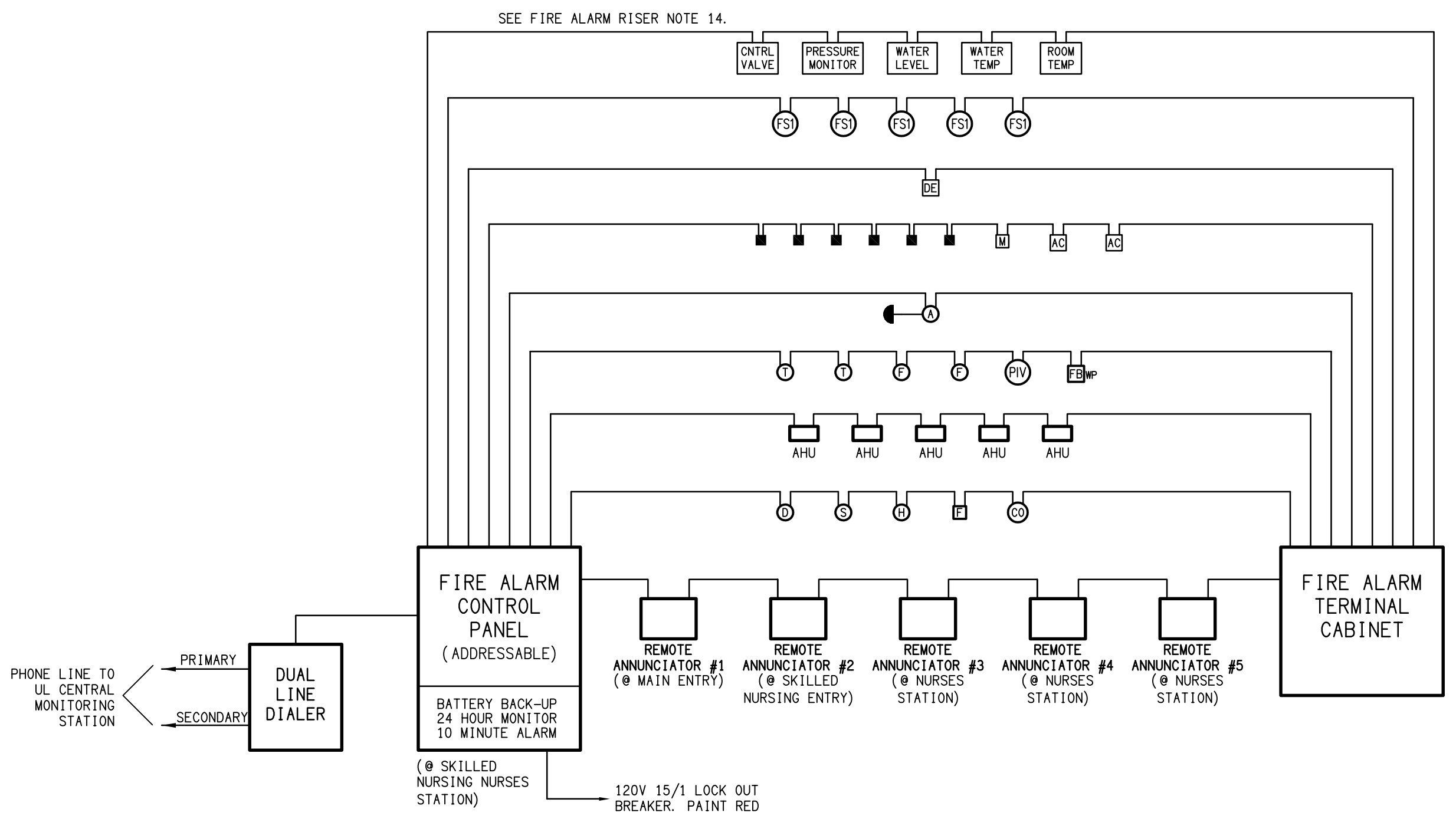
THE CONTRACTOR SHALL PAY ALL CONNECTION FEES ASSOCIATED WITH THE CONNECTION TO THE MONITORING AGENCY.

IF THE PROPER EQUIPMENT DOES NOT EXIST AT THE LOCAL FIRE DEPARTMENT TO RECEIVE THE SIGNAL THEN THE CONTRACTOR SHALL PROVIDE THE PROPER EQUIPMENT.

IF THE LOCAL ORDINANCE DOES NOT ALLOW AUTOMATIC ALARM EQUIPMENT TO BE PLACED IN THE FIRE DEPARTMENT, THE CONTRACTOR MUST OBTAIN THE SERVICES OF AN APPROVED MONITORING AGENCY WHO CAN RECEIVE THE SIGNAL, INTERPRET IT AS A FIRE ALARM SIGNAL AND THEN TELEPHONE THE LOCAL FIRE DEPARTMENT TO REPORT THE ALARM.



**TYP. DEVICE MOUNTING HEIGHT DETAIL**  
SCALE: NTS



**EMERGENCY RESPONDER RADIO COVERAGE**  
CONTRACTOR SHALL BE RESPONSIBLE FOR HIRING A THIRD PARTY TO ASSESS THE EMERGENCY RESPONDER RADIO COVERAGE IN THE BUILDING. IF INITIAL SURVEY INDICATES A BSA SYSTEM WILL BE NEEDED, COORDINATE (NOTED) LOCATION OF HEAD END EQUIPMENT AND RATED PATHWAY FOR CABLE TO ANTENNA WITH MONITOR. THIRD PARTY SHALL NOTIFY THE FIRE CODE OFFICIAL, PRIOR TO C.O. METER EMERGENCY RESPONDER SYSTEM SHALL BE PRE-DESIGNED OR SITE SHALL BE EVALUATED FOR COVERAGE POST CONSTRUCTION. ANY AMPLIFICATION SYSTEM SHALL NOT BE INSTALLED WITHOUT PRIOR APPROVAL OF FIRE CODE OFFICIAL. COORDINATE WITH THE LOCAL EMERGENCY RESPONDER GROUP RESPONSIBLE FOR THE SYSTEM PUBLIC SAFETY COMMUNICATION SYSTEM, RADIO SIGNAL STRENGTH, SYSTEM DESIGN AND INSTALLATION SHALL MEET ALL REQUIREMENTS OF NORTH CAROLINA STATE BUILDING CODE FIRE CODE SECTION 510.

**FIRE ALARM RISER**  
SCALE: NTS

| FIRE ALARM LEGEND<br>(NOTE: SEE DEVICE MOUNTING DETAIL THIS SHEET) |                                                                                                               |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
|                                                                    | MANUAL PULL STATION                                                                                           |
|                                                                    | WEATHERPROOF FIRE ALARM BELL, VERIFY LOCATION                                                                 |
|                                                                    | SYSTEM SMOKE DETECTOR, PHOTOELECTRIC TYPE                                                                     |
|                                                                    | CHIME/STROBE, XX CANDELA                                                                                      |
|                                                                    | STROBE ONLY, XX CANDELA                                                                                       |
|                                                                    | HEAT DETECTOR, RATE OF RISE INDICATED IN DEGREES                                                              |
|                                                                    | DUCT DETECTOR                                                                                                 |
|                                                                    | CARBON MONOXIDE DETECTOR, CEILING MOUNTED                                                                     |
|                                                                    | TAMPER SWITCH BY OTHERS, CONNECTED BY FIRE ALARM CONTRACTOR                                                   |
|                                                                    | FLOW SWITCH BY OTHERS, CONNECTED BY FIRE ALARM CONTRACTOR                                                     |
|                                                                    | POST INDICATOR VAVLE BY OTHERS, CONNECTED BY FIRE ALARM CONTRACTOR                                            |
|                                                                    | FIRE SMOKE DAMPER                                                                                             |
|                                                                    | KITCHEN HOOD ANSUL SYSTEM                                                                                     |
|                                                                    | KITCHEN HOOD EMERGENCY KILL BUTTON                                                                            |
|                                                                    | MAGNETIC DOOR HOLDER                                                                                          |
|                                                                    | MAGLOCK, MAGNETIC LOCKING DEVICE, COORDINATE DEVICE CONNECTION WITH SUPPLIER. DEVICE TO RELEASE ON FIRE ALARM |
|                                                                    | ACCESS CONTROL DEVICE, COORDINATE DEVICE CONNECTION WITH SUPPLIER. DEVICE TO RELEASE ON FIRE ALARM            |
|                                                                    | DOOR DELAYED ENTRY DEVICE, COORDINATE DEVICE CONNECTION WITH SUPPLIER. ALARM TO ACTIVATE ON DOOR OPEN         |
|                                                                    | FIRE ALARM CONTROL PANEL (FACP)                                                                               |
|                                                                    | FIRE ALARM TERMINAL CABINET                                                                                   |
|                                                                    | AIR HANDLING UNIT BY MECHANICAL CONTRACTOR - SHUTDOWN, SHUTDOWN RELAY & WIRING BY ELECTRICAL CONTRACTOR       |
|                                                                    | WEATHER PROOF                                                                                                 |
|                                                                    | CEILING MOUNTED                                                                                               |

### FIRE ALARM RISER NOTES:

- FIRE ALARM SYSTEM SHALL BE 24V DC, POWER LIMITED, FULLY SUPERVISED, WITH 24 HOUR STANDBY BATTERY. PANEL TO BE SURFACE MOUNTED. SYSTEM SHALL HAVE MINIMUM 25% SPARE CAPACITY. SYSTEM SHALL BE ADDRESSABLE.
- FIRE ALARM DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH NFPA 72 AND "ADA".
- ALL WIRE SHALL BE CAPPED AND RUN IN CONDUIT. U.L. APPROVED FIRE ALARM CABLE MARKED FPL PER NEC 760.28 SHALL BE ALLOWED IN CONCEALED NON-PLENUM AREAS ONLY WHEN NOT EXPOSED TO MECHANICAL DAMAGE. WHERE CONDUIT IS USED PROVIDE 3/4" CONDUIT WITH JUNCTION BOXES PAINTED RED.
- DEVICE QUANTITIES SHALL BE AS INDICATED ON THE PLANS. VERIFY QUANTITY AND EXACT LOCATION OF SPRINKLER SYSTEM TAMPER AND FLOW SWITCHES WITH SPRINKLER CONTRACTOR.
- ELECTRICAL CONTRACTOR SHALL PROVIDE A FIRE ALARM LAYOUT PLAN AT THE FACP AND THE ANNUNCIATOR PANELS.
- ELECTRICAL CONTRACTOR TO PROVIDE AUTHORITY HAVING JURISDICTION WITH FIRE ALARM SYSTEM INSTALLATION PLANS FOR FINAL APPROVAL. PRIOR TO INSTALLATION.
- CONNECT ALL SMOKE DETECTORS, HEAT DETECTORS, CO DETECTORS AND PULL STATIONS. PROVIDE ADDITIONAL CIRCUITS AS REQUIRED.
- CONNECT ALL STROBES AND STROBE HORNS. MAXIMUM OF TEN DEVICES ON A CIRCUIT. PROVIDE ADDITIONAL CIRCUITS AS REQUIRED.
- CONNECT ALL SPRINKLER SYSTEM DEVICES. COORDINATE WITH SPRINKLER CONTRACTOR.
- VOLTAGE DROP CALCULATIONS AND BATTERY CALCULATIONS WILL BE PROVIDED BY THE CONTRACTOR.
- ALL WIRE SHALL BE COPPER.
- ALL ALARM CIRCUITS SHALL BE 14 AWG MINIMUM. ALL SIGNAL CIRCUITS SHALL BE 18 AWG MINIMUM. ALL OTHER WIRE SHALL BE SIZED PER MANUFACTURE INSTRUCTIONS.
- PROVIDE AND CONNECT ALL AHU AND SHUTDOWN RELAYS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT QUANTITY AND LOCATIONS.
- COORDINATE SUPERVISORY SIGNAL INITIATING DEVICES WITH SPRINKLER CONTRACTOR. SUPERVISORY SIGNALS (NFPA 101 9.7.2.1) MUST BE EITHER NON-CANCELABLE OR CAN BE PROVIDED WITH AN INTERMITTING SIGNAL THAT REOCCURS EVERY 5 MINUTES UNTIL THE SUPERVISORY CONDITION HAS BEEN CLEARED.



TO THE BEST OF THE ENGINEER'S KNOWLEDGE,  
THE PLANS AND SPECIFICATIONS COMPLY  
WITH THE APPLICABLE MINIMUM BUILDING  
CODES AND THE APPLICABLE FIRE-SAFETY  
STANDARDS AS DETERMINED BY THE LOCAL  
AUTHORITY IN ACCORDANCE WITH THIS  
SECTION.



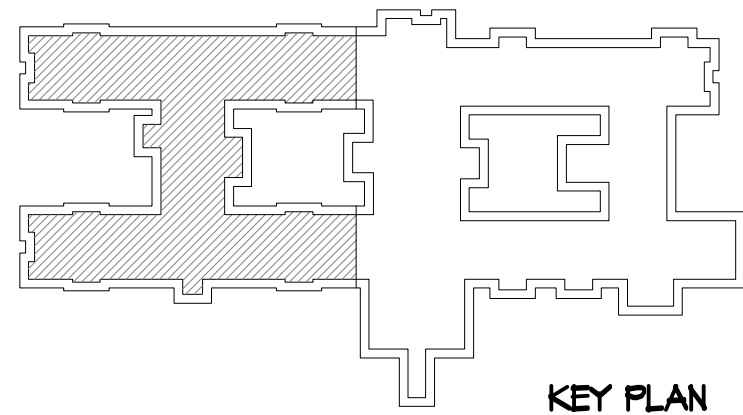
# FA1.1

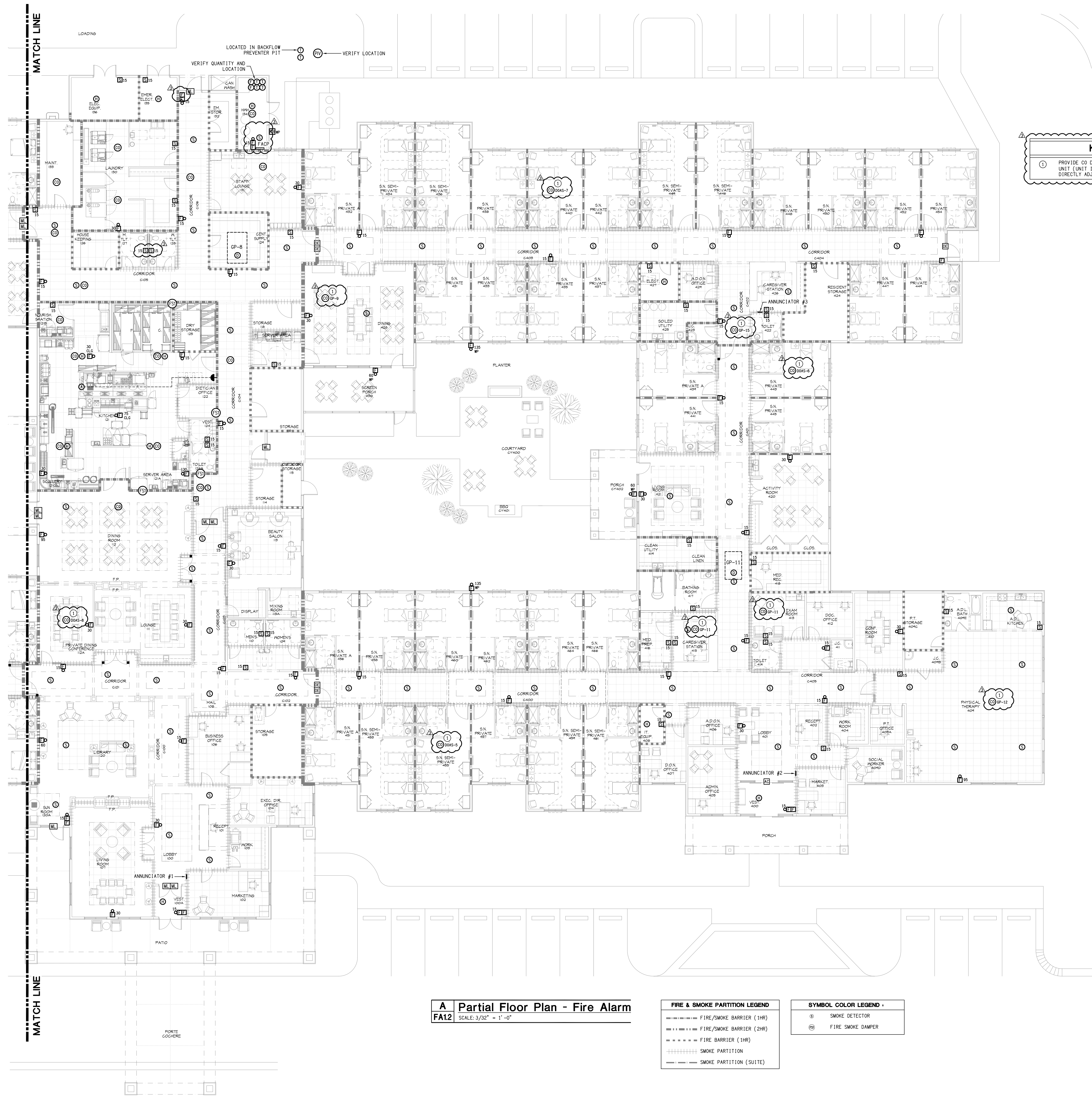


| KEY NOTES |                                                                                                                                      |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------|
| ①         | PROVIDE CO DETECTOR IN FIRST ROOM SERVED BY DOAS UNIT (UNIT IS INDICATED ON PLAN). LOCATE DEVICE DIRECTLY ADJACENT TO SUPPLY GRILLE. |

**MATCH LINE**

**MATCH LINE**



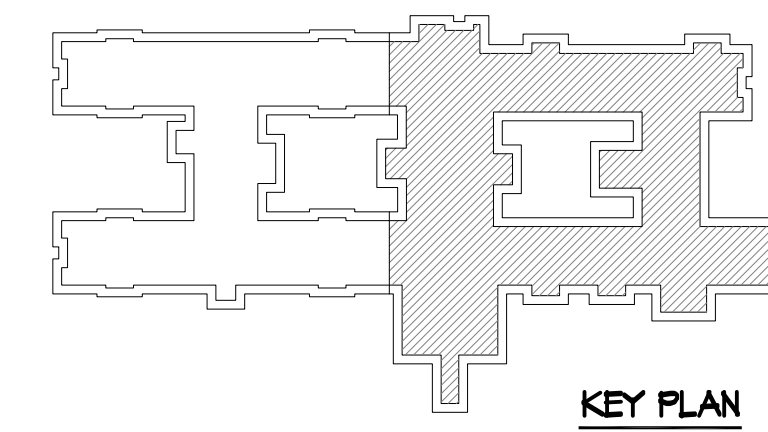


**KEY NOTES**

1 PROVIDE CO DETECTOR IN FIRST ROOM SERVED BY DMS UNIT (UNIT IS INDICATED ON PLAN). LOCATE DEVICE DIRECTLY ADJACENT TO SUPPLY GRILLE.

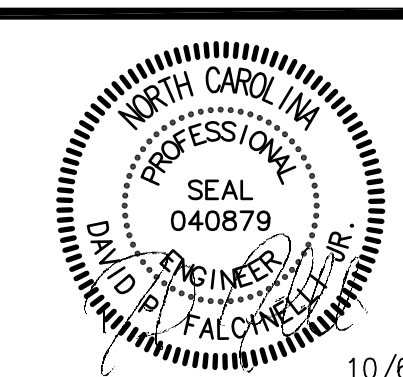
**A Partial Floor Plan - Fire Alarm**  
**FA1.2** SCALE: 3/32" = 1' - 0"

| FIRE & SMOKE PARTITION LEGEND |                          | SYMBOL COLOR LEGEND |                   |
|-------------------------------|--------------------------|---------------------|-------------------|
| ---                           | FIRE/SMOKE BARRIER (1HR) | S                   | SMOKE DETECTOR    |
| ---                           | FIRE/SMOKE BARRIER (2HR) | D                   | FIRE SMOKE DAMPER |
| ---                           | FIRE BARRIER (1HR)       |                     |                   |
| +++++                         | SMOKE PARTITION          |                     |                   |
| ---                           | SMOKE PARTITION (SUITE)  |                     |                   |





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10/6/22



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TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION.

PROPOSED:



THE EMBASSY AT MOREHEAD CITY

A NEW SKILLED NURSING, MEMORY CARE, & ASSISTED LIVING FACILITY

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| PUBLICATION         | DATE     |                                           |
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| DESIGN DEVELOPMENT: | 09-01-21 |                                           |
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| BID SET:            | 10-15-21 |                                           |
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| REV. #              | DATE     | REVISION TITLE                            |
| 1                   | 07-11-22 | COORDINATION/VE CHANGES & NCDHHS COMMENTS |
| 2                   | 09-23-22 | NCDHHS FIRE MARSHAL COMMENTS              |

PLOT DATE:

FILE LOCATION:

SHEET DESCRIPTION:

**FIRE ALARM PLAN**  
**- PARTIAL**

|                     |                    |
|---------------------|--------------------|
| PROJECT NO.<br>1902 | SCALE:<br>AS NOTED |
| DRAWING NO.         |                    |

**FA1.2**