

LEGEND

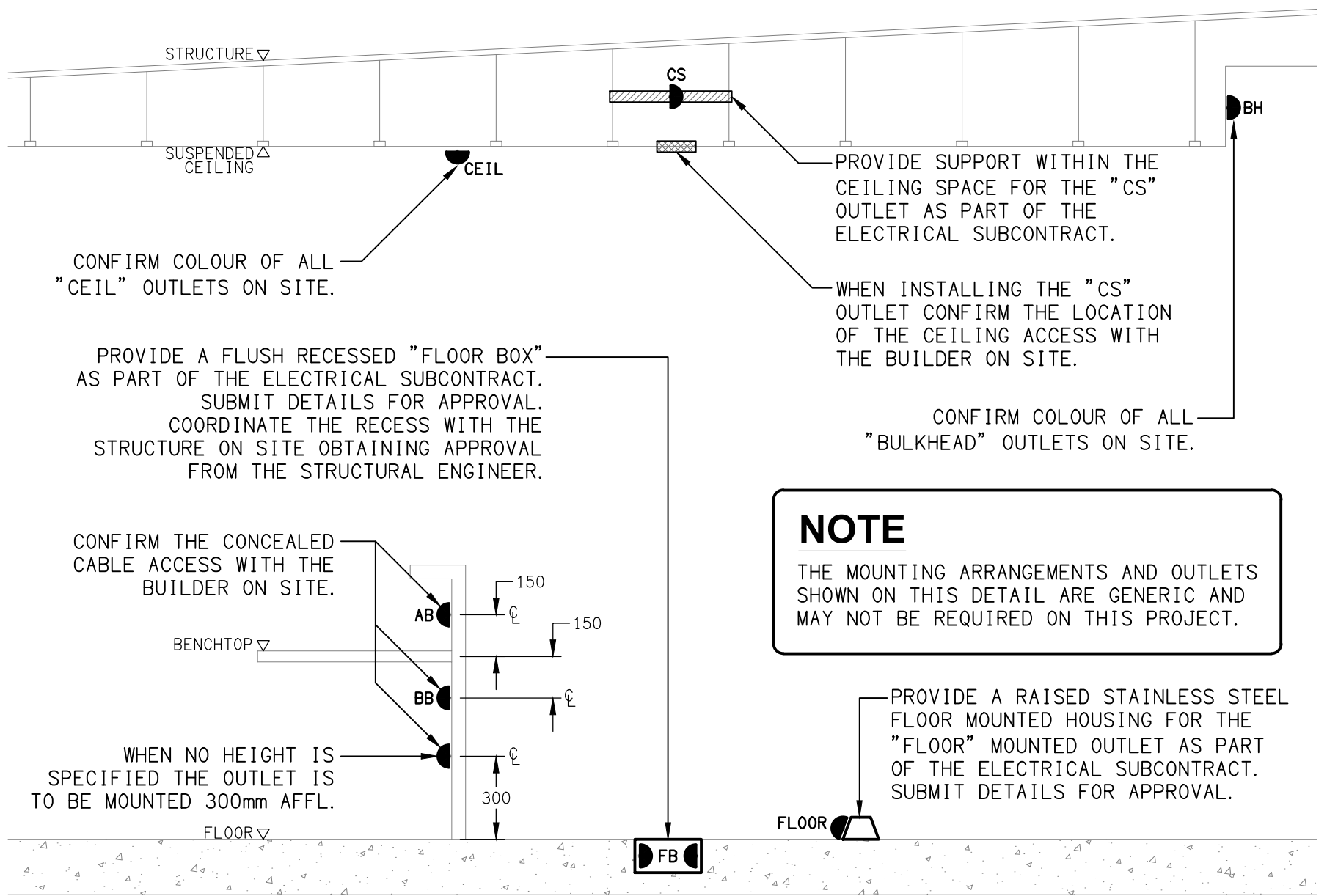
-  ELECTRICAL SERVICES SWITCHBOARD.
-  SWITCHBOARD / CONTROL PANEL NOT PROVIDED AS PART OF THE ELECTRICAL SUBCONTRACT.
-  SINGLE POWER OUTLET.
-  DOUBLE POWER OUTLET.
-  DOUBLE POWER OUTLET C/W INTEGRAL USB.
-  SPECIAL PURPOSE POWER OUTLET.
-  SINGLE PHASE ISOLATOR.
-  THREE PHASE ISOLATOR.
-  JUNCTION BOX / CONNECTION AS NOTED.
-  CONDUIT ROUTE. Ex DENOTES ELECTRICAL Cx DENOTES COMMUNICATIONS.
-  ELECTRICAL PIT, TYPE AS NOTED.
-  ELECTRICAL FLOOR BOX, TYPE AS NOTED.
-  HAND DRYER CONNECTION.
-  LIGHTING PRESENCE DETECTOR SWITCH.
-  LIGHTING CONTROL SWITCH PANEL, TYPE AS NOTED.
-  ONE-WAY LIGHT SWITCH.
-  TWO-WAY LIGHT SWITCH.
-  CIRCUIT LINE.
-  SWITCH LINE.
-  POWER CIRCUIT DESIGNATION. DENOTES DB AND CIRCUIT.
-  LIGHTING CONTROL CHANNEL REFERENCE.
-  ELECTRICAL EQUIPMENT AS NOTED.
-  BACKBOARD MOTOR.
-  BACKBOARD CONTROLLOR.
-  RJ45 COMMUNICATIONS OUTLET.
-  FIBRE CABLE.
-  ACCESS CONTROL CARD READER.
-  ACCESS CONTROL DOOR ELECTRIC STRIKE, TYPE AS NOTED.
-  ACCESS CONTROL LIFT INTERFACE MODULE.
-  ACCESS CONTROL ROLLER SHUTTER DOOR INTERFACE.
-  SECURITY KEY PANEL.
-  SECURITY DIRECTIONAL MOTION DETECTOR.
-  SECURITY PIEZO SIREN.
-  SCHOOL BELL HORN / HOOTER.
-  SCHOOL BELL MULTI-TAP CONE RECESSED SPEAKER.
-  SCHOOL BELL MULTI-TAP CONE SURFACE SPEAKER.
-  SCHOOL WALL CLOCK.

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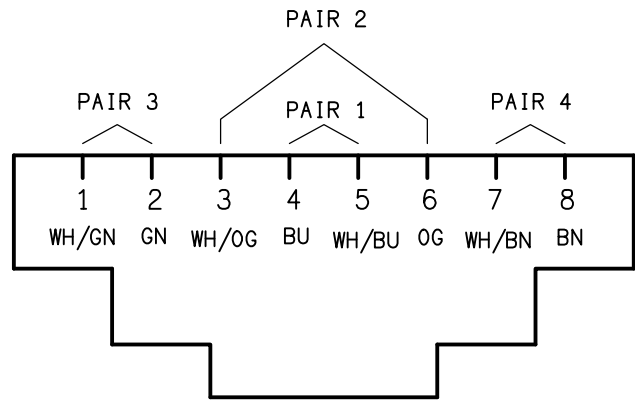
-  FIRE ALARM STROBE.
-  FIRE EVACUATION RECESSED SPEAKER.
-  FIRE INDICATOR PANEL.
-  FIRE DOOR INTERFACE.
-  THERMAL DETECTOR.
-  MANUAL CALL POINT.
-  SMOKE DETECTOR.
-  CONCEALLED SPACE SMOKE DETECTOR.
-  ASPIRATING SMOKE DETECTOR.
-  FUSE.
-  SINGLE PHASE.
-  THREE PHASE.
-  CURRENT TRANSFORMER C/W REMOVABLE LINK.
-  FUSE LINK.
-  COMBINED FUSE SWITCH.
-  CIRCUIT BREAKER.
-  ISOLATOR.
-  RESIDUAL CURRENT DEVICE.
-  CONTACTOR – NORMALLY OPEN.
-  CONTACTOR – NORMALLY CLOSED.
-  DALI POWER SUPPLY UNIT.
-  MANUAL DALI DIAL.
-  CONTRACTOR TYPE X SPECIFIC TO THE ASSOCIATED SCHEMATIC.
-  PE CELL SWITCH.
-  TIME CLOCK SWITCH.
-  REFER TO DETAIL NOTED FOR THE AREA SHOWN HATCHED. ADDITIONAL OUTLETS & FITTINGS MAY BE SHOWN ON DETAIL.
-  E1: RECESSED NON-MAINTAINED LED EMERGENCY LIGHT, WHITE.
-  E2: RECESSED NON-MAINTAINED LED EMERGENCY LIGHT, BLACK.
-  E3: SURFACE NON-MAINTAINED LED EMERGENCY LIGHT, WHITE.
-  EX: EMERGENCY LED EXIT LIGHT, WHITE.
-  EX BK: EMERGENCY LED EXIT LIGHT, BLACK.
-  EX WP: WEATHERPROOF EMERGENCY LED EXIT LIGHT, WHITE.
-  Lx: LIGHT FITTING C/W NON-MAINTAINED EMERGENCY BATTERY PACK. TYPE AS NOTED.
-  L1: 600 x 600 T-BAR MOUNTED FLAT PANEL.
-  L2: 600 x 600 PLASTERBOARD MOUNTED FLAT PANEL.
-  L3: OVERHEAD CUPBOARD LED STRIP LIGHT.

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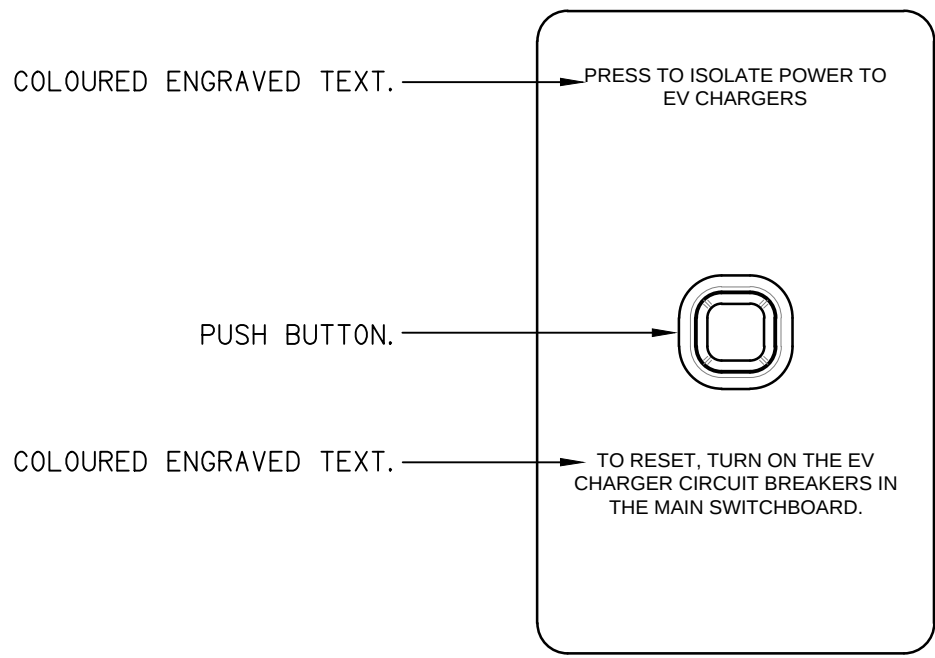
-  L4: CIRCULATION RECESSED DOWNLIGHT, WHITE.
-  L5: BREAKOUT RECESSED DOWNLIGHT, WHITE.
-  L6: AMENITY RECESSED DOWNLIGHT, WHITE.
-  L7: BREAKOUT RECESSED DOWNLIGHT, BLACK.
-  L8: RECESSED DALI DIMMABLE DOWNLIGHT, BLACK.
-  L9: FORUM RECESSED DALI DIMMABLE DOWNLIGHT, WHITE.
-  L10: FORUM PELMET DALI DIMMABLE LED STRIP LIGHT.
-  L11: BALCONY MEDIUM RECESSED DOWNLIGHT, WHITE.
-  L12: BALCONY LARGE RECESSED DOWNLIGHT, WHITE.
-  L13: SURFACE MOUNTED BUNKER LIGHT, WHITE.
-  L14: EXTERNAL SCREEN LED STRIP LIGHT.
-  L15: 1200 LONG BATTEN C/W INTEGRAL SENSOR.
-  L16: 1200 x 300 PLASTERBOARD FLAT PANEL.
-  L17: 1200 LONG BATTEN, UNSWITCHED C/W NON-MAINTAINED AS2293 EMERGENCY PACK.
-  L18: SURFACE MOUNTED WHITE BUNKER LIGHT.
-  L19: 120W HIGH BAY LIGHT.
-  L20: STAIR TREAD LED STRIP LIGHT.
-  L21: EXTERNAL SCREEN RECESSED DOWNLIGHT.
-  L22: EXTERNAL DALI DIMMABLE SCREEN POLE MOUNTED DUAL FLOOD LIGHTS.
-  L23: EXTERNAL DALI DIMMABLE SCREEN POLE MOUNTED FLOOD LIGHT.
-  L24: EXTERNAL ENTRY POLE MOUNTED AREA LIGHT.
-  L25: TIERED DALI DIMMABLE SEATING FLOOD LIGHT.
-  L26: PLAYGROUND DALI DIMMABLE FLOOD LIGHT.
-  L27: WALL MOUNTED SECURITY AREA LIGHT.
-  L28: BUILDING MOUNTED SECURITY AREA LIGHT.
-  L29: SURFACE MOUNTED DALI DIMMABLE BUNKER LIGHT, WHITE.



DETAIL
TYPICAL OUTLET MOUNTINGS
NOT TO SCALE



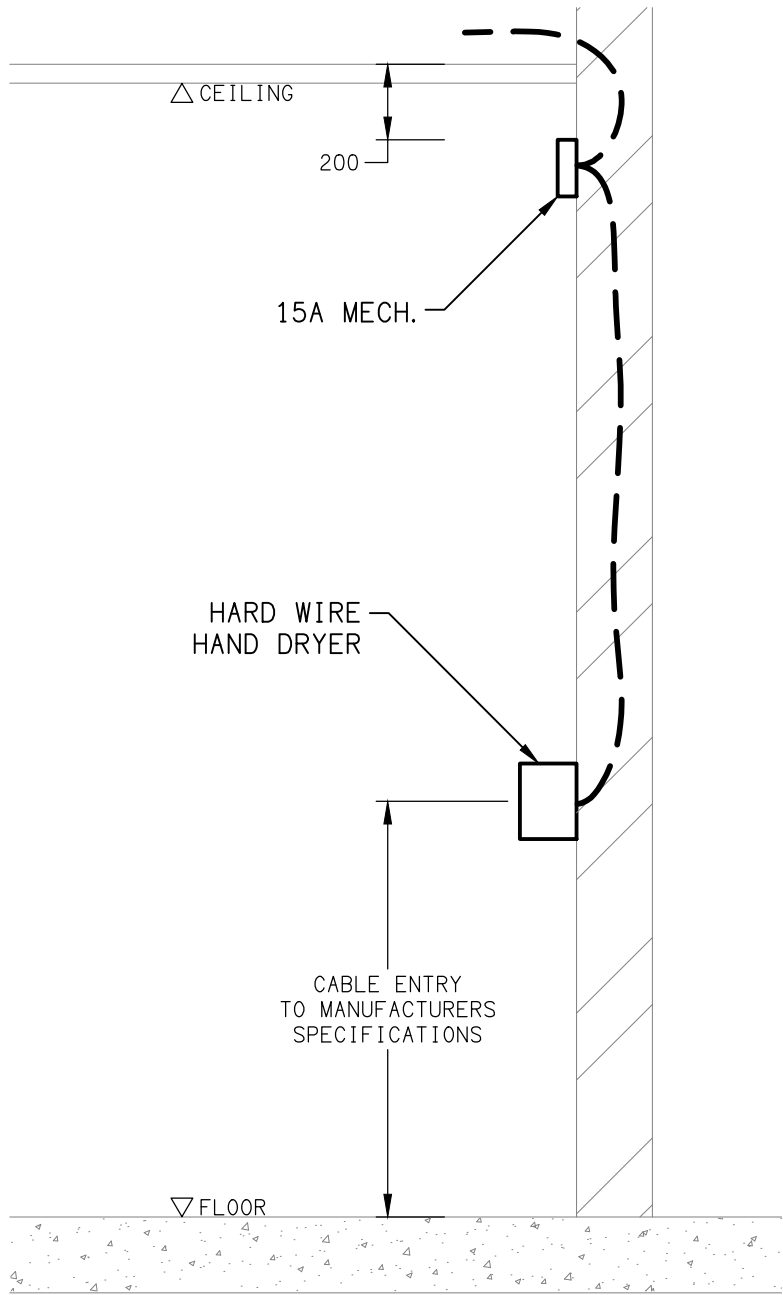
SCHEMATIC
RJ45 PINOUT CONFIGURATION
NOT TO SCALE



DETAIL
EV CHARGING ISOLATION SWITCH (CIS)
NOT TO SCALE

NOTE

ALL ELECTRICAL PENETRATIONS THROUGH THE ROOF SHEETING ARE TO BE IN LINE WITH THE STRUCTURAL OR MECHANICAL SERVICES PENETRATIONS TO AVOID DEDICATED FLASHINGS FOR THE ELECTRICAL SERVICES.



DETAIL
HAND DRYER CONNECTION
NOT TO SCALE