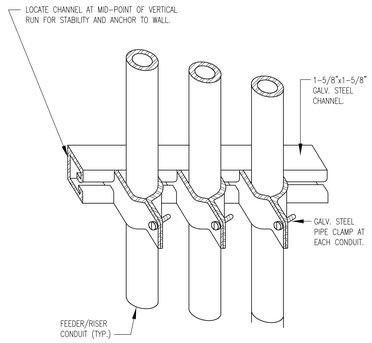
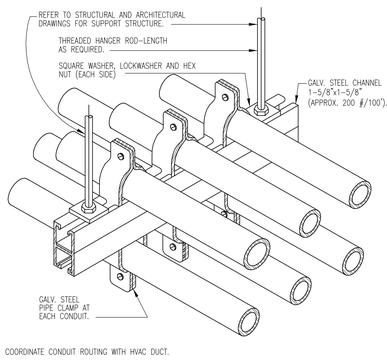


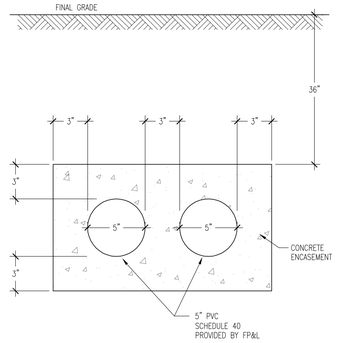
WALL CONDUIT SUPPORT DETAIL 1

NOT TO SCALE



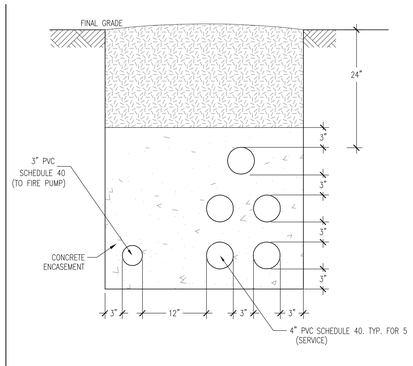
CEILING CONDUIT SUPPORT DETAIL 2

NOT TO SCALE



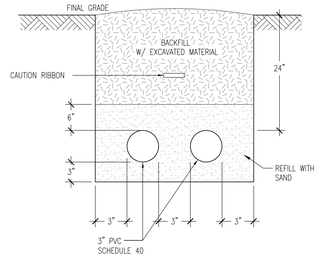
ELECTRICAL DUCT BANK (FP&L) 3

NOT TO SCALE



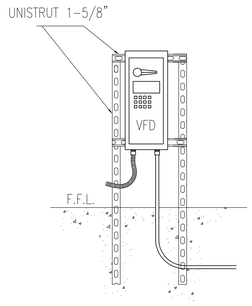
SERVICE DUCT BANK 4

NOT TO SCALE



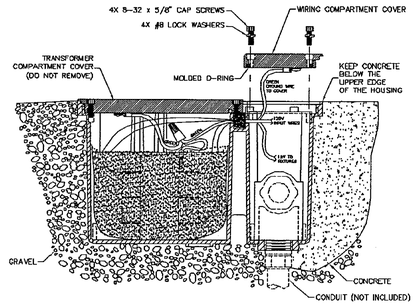
CATV OR COMMUNICATION DUCT BANK 5

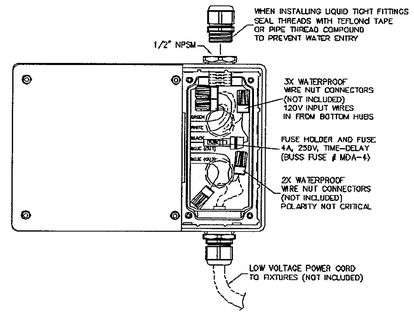
NOT TO SCALE



VFD OR DISCONNECT FREESTAND SUPPORT 7

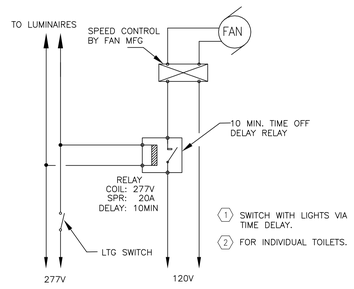
NOT TO SCALE





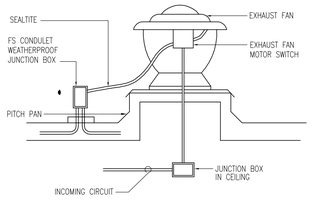
T56 (12V) TRANSFORMER INSTALLATION 8

NOT TO SCALE



TOILET EXHAUST FAN CONTROL 9

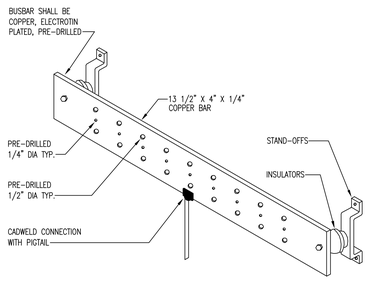
NOT TO SCALE



FOR 120V 1~ FANS: INSTALL 1P-TOGGLE SW MOTOR RATED IF FAN HAS INTERNAL THERMAL PROTECTION. IF NO INTERNAL MOTOR STARTER W/ O.L. FURNISHED BY MECHANICAL CONTRACTOR

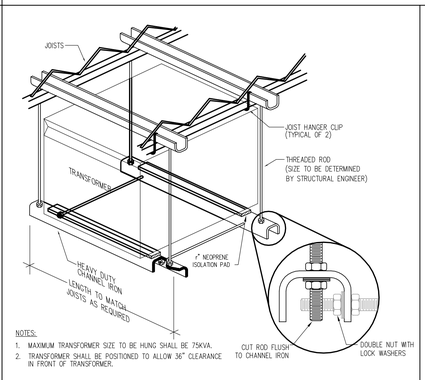
ROOF EXHAUST FAN CONNECTION WHEN E.F. HAS NO INTERNAL DISCONNECT 10

NOT TO SCALE



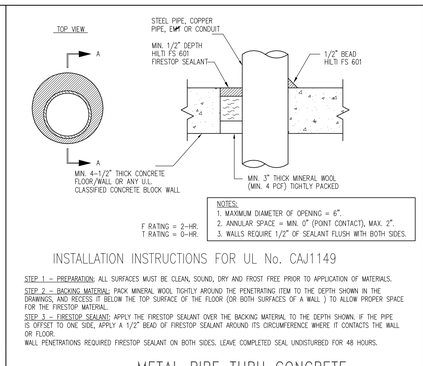
TYPICAL GROUND BAR 11

NOT TO SCALE



TRANSFORMER HANGER 12

NOT TO SCALE



INSTALLATION INSTRUCTIONS FOR UL No. CAJ1149

STEP 1 – PREPARATION: ALL SURFACES MUST BE CLEAN, SOUND, DRY AND FROST FREE PRIOR TO APPLICATION OF MATERIALS.

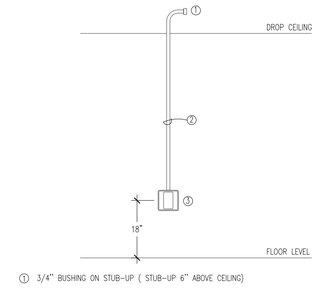
STEP 2 – BACKING MATERIAL: PACK MINERAL WOOL TIGHTLY AROUND THE PENETRATING ITEM TO THE DEPTH SHOWN IN THE DRAWINGS, AND RECESS IT BELOW THE TOP SURFACE OF THE FLOOR (OR BOTH SURFACES OF A WALL) TO ALLOW PROPER SPACE FOR THE FIRESTOP MATERIAL.

STEP 3 – FIRESTOP SEALANT: APPLY THE FIRESTOP SEALANT OVER THE BACKING MATERIAL TO THE DEPTH SHOWN. IF THE PIPE IS OFFSET TO ONE SIDE, APPLY A 1/2" BEAD OF FIRESTOP SEALANT AROUND ITS CIRCUMFERENCE WHERE IT CONTACTS THE WALL OR FLOOR.

WALL PENETRATIONS REQUIRED FIRESTOP SEALANT ON BOTH SIDES. LEAVE COMPLETED SEAL UNDISTURBED FOR 48 HOURS.

METAL PIPE THRU CONCRETE FL/WALL OR BLOCKWALL 13

NOT TO SCALE



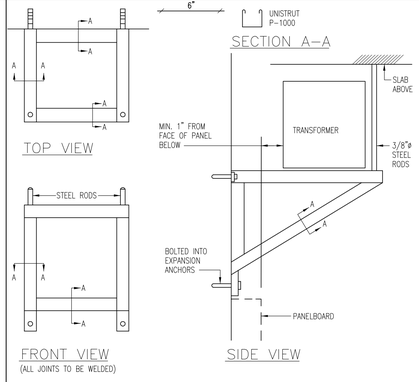
1 3/4" BUSHING ON STUB-UP (STUB-UP 6" ABOVE CEILING)

2 3/4" EMT RECESSED IN WALL.

3 4"X4"X 2 1/8" BOX WITH ONE DOUBLE GANG MUD RING (1/4" RAISED) PROVIDE ONE BLANK WALL PLATE – WALL PLATE COLOR TO MATCH WITH OTHER WALL PLATES.

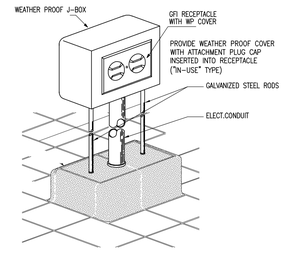
DATA OUTLET DETAIL 15

NOT TO SCALE



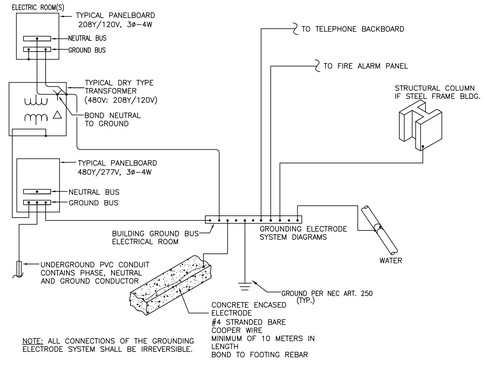
DETAIL-TRANSFORMER MTG. BRACKET 16

NOT TO SCALE



RECEPTACLE ON POOL AREA 18

NOT TO SCALE



NOTE: ALL CONNECTIONS OF THE GROUNDING ELECTRODE SYSTEM SHALL BE IRREVERSIBLE.

SYSTEM GROUNDING SCHEMATIC DIAGRAM 19

NOT TO SCALE

CLIENT

TOWN OF SURFSIDE COMMUNITY CENTER

9301 Collins Avenue, Surfside, Florida 33154

DESIGNER

SPILLIS CANDELA DMJM

800 DOUGLAS ENTRANCE, SUITE 200
CORAL GABLES, FL. 33134
T: 305-444-4691 F: 305-447--3580
www.spillliscandeladmjm.com

FLORIDA LICENSE AA0003298

CONSULTANTS

LANDSCAPE ARCHITECTURE
SAVINO & MILLER DESIGN STUDIO
12345 NE 6TH AVENUE, MIAMI, FLORIDA 33161
Tel.: (305) 892-9082 Fax: (305) 895-9083

ESTIMATING CONSULTANT
CMS CONSTRUCTION MANAGEMENT SERVICES
10 FARWAY DRIVE SUITE 301 DEERFIELD BEACH, FL 33441
Tel.: (954) 481-1611 Fax: (954) 427-3142

COASTAL CONTRUCTION
EDC CORPORATION
2455 SW 27TH AVENUE , MIAMI, FLORIDA 33145
Tel.: (305) 858-8100 Fax: (305) 858-4760

FOOD SERVICES CONSULTANT
SYSTEMS DESIGN INTERNATIONAL
110 EAST BROWARD BOULEVARD FT. LAUDERDALE, FL 33301
Tel.: (954) 315-3855 Fax: (954) 208-9018

POOL CONSULTANT
AQUADYNAMICS, INC.
5000 SW 75TH AVE. SUITE 203, MIAMI, FLORIDA 33155
Tel.: (305) 667-8975 Fax: (305) 662-1002

LEED CONSULTANT
SPINNAKER GROUP, INC.
501 SPINNAKER, WESTON, FL. 33326
Tel.: (954) 347-0967 Fax: (954) 217-3614

REGISTRATION

PROFESSIONAL OF RECORD: E. RIVERO, P.E.
DISCIPLINE: ELECTRICAL ENGINEERING
REGISTRATION NO.: 42709

ISSUE

MARK	DATE	DESCRIPTION

PROJECT NO: 60028604
DRAWN BY:
CHECKED BY:
DATE: 10-22-2009

KEY PLAN

SHEET TITLE

DETAILS

E5.2.01

© 2003 DMJMH+N, Inc. Rev. 2003-1