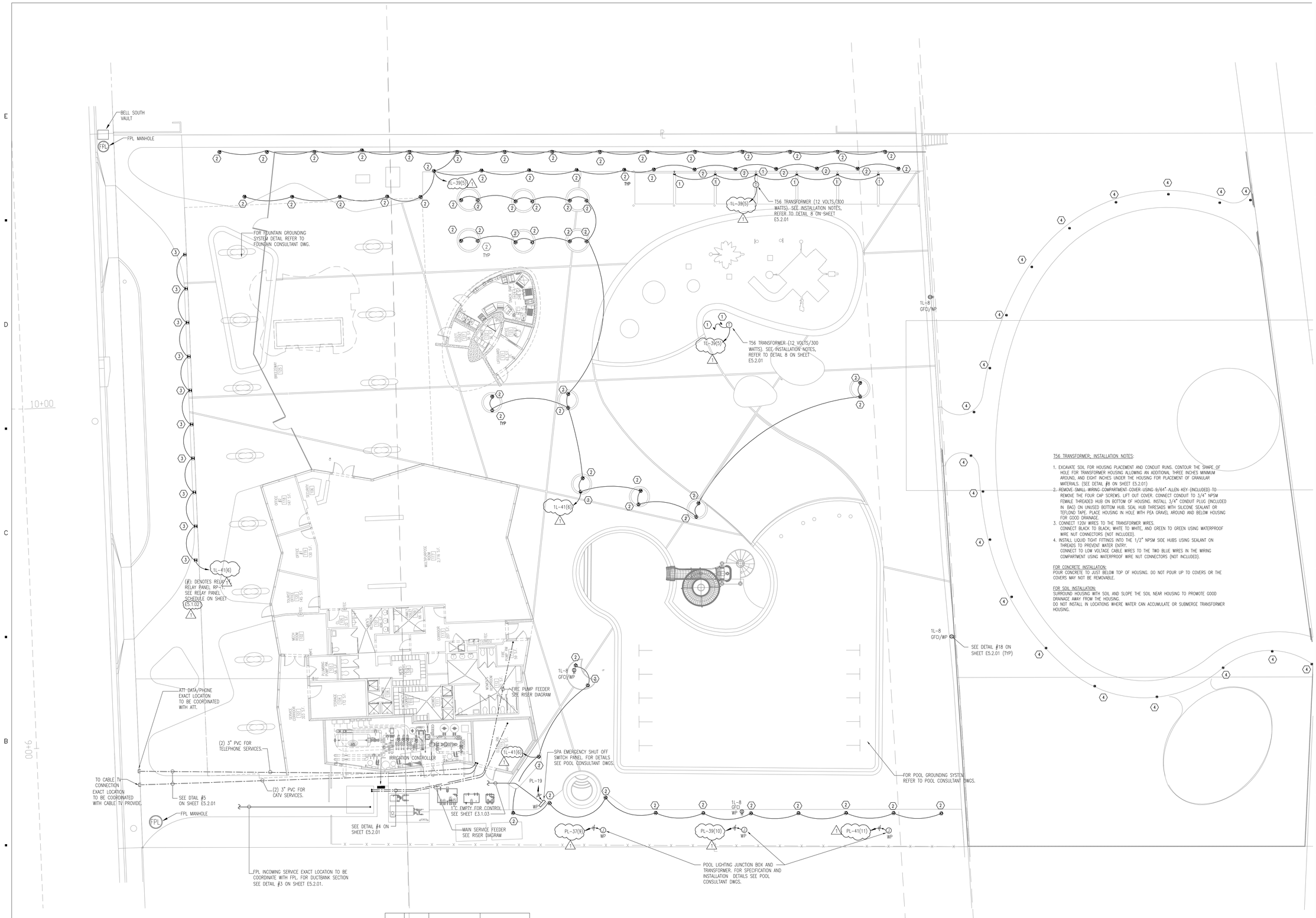

MARK	SYMBOL	DESCRIPTION	REMARKS
1		SPOT LIGHT	REFER TO LANDSCAPING CONSULTANT DRAWINGS AND REFER TO LIGHTING FIXTURE SCHEDULE ON DRAWING E0.1.02
2		BOLLARD	
3		MICROSPARKS DRIVE OVER	
4		SOLAR STEP OVER	

T56 TRANSFORMER: INSTALLATION NOTES:

1. EXCAVATE SOIL FOR HOUSING PLACEMENT AND CONDUIT RUNS. CONTOUR THE SHAPE OF HOLE FOR TRANSFORMER HOUSING ALLOWING AN ADDITIONAL THREE INCHES MINIMUM AROUND, AND EIGHT INCHES UNDER THE HOUSING FOR PLACEMENT OF GRANULAR MATERIALS. (SEE DETAIL #8 ON SHEET E5.2.01)
2. REMOVE SMALL WIRING COMPARTMENT COVER USING 9/64" ALLEN KEY (INCLUDED) TO REMOVE THE FOUR CAP SCREWS. LIFT OUT COVER. CONNECT CONDUIT TO 3/4" NPSM FEMALE THREADED HUB ON BOTTOM OF HOUSING. INSTALL 3/4" CONDUIT PLUG (INCLUDED IN BAG) ON UNUSED BOTTOM HUB. SEAL HUB THRESADS WITH SILICONE SEALANT OR TEFLOND TAPE. PLACE HOUSING IN HOLE WITH PEA GRAVEL AROUND AND BELOW HOUSING FOR GOOD DRAINAGE.
3. CONNECT 120V WIRES TO THE TRANSFORMER WIRES.
   CONNECT BLACK TO BLACK, WHITE TO WHITE, AND GREEN TO GREEN USING WATERPROOF WIRE NUT CONNECTORS (NOT INCLUDED).
4. INSTALL LIQUID TIGHT FITTINGS INTO THE 1/2" NPSM SIDE HUBS USING SEALANT ON THREADS TO PREVENT WATER ENTRY.
   CONNECT TO LOW VOLTAGE CABLE WIRES TO THE TWO BLUE WIRES IN THE WIRING COMPARTMENT USING WATERPROOF WIRE NUT CONNECTORS (NOT INCLUDED).

FOR CONCRETE INSTALLATION:
POUR CONCRETE TO JUST BELOW TOP OF HOUSING. DO NOT POUR UP TO COVERS OR THE COVERS MAY NOT BE REMOVABLE.

FOR SOIL INSTALLATION:
SURROUND HOUSING WITH SOIL AND SLOPE THE SOIL NEAR HOUSING TO PROMOTE GOOD DRAINAGE AWAY FROM THE HOUSING.
DO NOT INSTALL IN LOCATIONS WHERE WATER CAN ACCUMULATE OR SUBMERGE TRANSFORMER HOUSING.

1 SITE ELECTRICAL PLAN
3/32" = 1'-0"

NORTH

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.spilliscandeladmjm.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
1	01-29-10	CITY REVIEW COMMENTS

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

KEY PLAN

SHEET TITLE

SITE ELECTRICAL PLAN

E1.1.00

© 2003 DMJMH+N, Inc. Rev. 2003-1

P:\Surfside_Comm_Center\60028604\CAD\E\Sheet\SCC-E1.1.00.dwg, 1/28/2010 2:09:46 PM, PDF-XChange 3.0