

COMMERCIAL SERVICE-221 NE ALURA WAY
2000A, 120/208V, 3Ø, 4W
6 SETS IN 4" SCH 40 PVC - 4 SPARE 4"
(3) 4 GANG METER SECTIONS W/225A BREAKERS

COMMERCIAL SERVICE-251 NE ALURA WAY
2000A, 120/208V, 3Ø, 4W
6 SETS IN 4" SCH 40 PVC-1 SPARE 4"
3 C.T.'S IN CUSTOMER CT CABINET.
400A, 120/208V, 3Ø, 4W
1 SET IN 4" SCH 40 PVC-1 SPARE 4"

COMMERCIAL SERVICE-1901 NE DISCOVERY AVE
4000A, 120/208V, 3Ø, 4W
11 SETS IN 4" SCH 40 PVC-1 SPARE 4"
3 C.T.'S IN CUSTOMER CT CABINET.
400A, 120/208V, 3Ø, 4W
1 SET IN 4" SCH 40 PVC-1 SPARE 4"

COMMERCIAL SERVICE-1921 NE DISCOVERY AVE
1200A, 120/208V, 3Ø, 4W-METER CENTER 1
5 SETS IN 4" SCH 40 PVC - 1 SPARE 4"
(7) 4 GANG METER SECTIONS W/150-2 BREAKERS 1Ø
1600A, 120/208V, 3Ø, 4W-METER CENTER 2
5 SETS IN 4" SCH 40 PVC - 1 SPARE 4"
(5) 4 GANG METER SECTIONS W/150-2 BREAKERS 1Ø
(2) 4 GANG METER SECTIONS W/225-3 BREAKERS 3Ø

COMMERCIAL SERVICE-1900 NE DISCOVERY AVE
2000A, 120/208V, 3Ø, 4W-METER CENTER 1
6 SETS IN 4" SCH 40 PVC-1 SPARE 4"
(9) 4 GANG METER SECTIONS W/150-2 BREAKERS 1Ø
(3) 4 GANG METER SECTIONS W/225-3 BREAKERS 3Ø

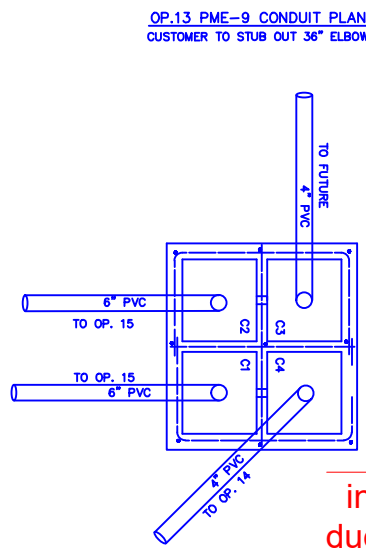
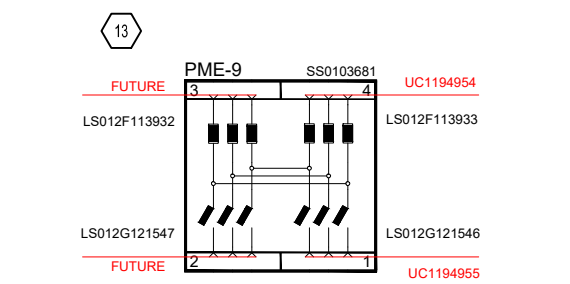
COMMERCIAL SERVICE-1901 NE TRAILS EDGE BLVD
400A, 120/208V, 3Ø, 4W
1 SET IN 4" SCH 40 PVC - 4 SPARE 4".

COMMERCIAL SERVICE-1921 NE TRAILS EDGE BLVD
400A, 120/208V, 3Ø, 4W
1 SET IN 4" SCH 40 PVC - 4 SPARE 4".

C.T.'S AND METER SOCKET FURNISHED BY EVERGY AND INSTALLED
BY CUSTOMER. 1-1/4" METALIC CONDUIT FOR C.T. CABLE NOT TO
EXCEED 65" IN LENGTH PER SECTION III.B. B - C.T. RATED
METERING (PAGE 77) AND PER STANDARD DWG. 900.1-56.
METER LOCATION WILL BE PROVIDED BY EVERGY.

SECTION III.F. A - INFORMATION (PAGE 95)
IT IS REQUIRED THAT THE CUSTOMER'S SERVICE LATERAL
CONDUCTORS BE NO GREATER THAN EITHER 500-kcm COPPER OR
750-kcm AA-8000 SERIES ELECTRICAL GRADE ALUMINUM ALLOY.

LARGE TRANSFORMER PAD REQUIRED FOR ALL
TRANSFORMERS (10.34) EXCEPT 150KVA @ OP#14



Developer to
install 2 additional
ducts in this stretch

Conduit installed
by Mark One on
M107471371

Directional Bore
By Everyg - Connect
to customer conduit

UG. COMMERCIAL - CUSTOMER RESPONSIBILITY

ALL PER EVERYG ELECTRIC SERVICE STANDARDS
FOR LOCATIONS OF PADMOUNT TRANSFORMERS, SEE ESS DWG 10.42

LANDSCAPING
DEVELOPER/OWNER WILL BE RESPONSIBLE FOR PLANNING,
PLANTING AND MAINTAINING ANY LANDSCAPING OF
EVERGY FACILITIES THAT ARE REQUIRED BY LOCAL ORDINANCES.

PRIMARY CONDUIT
ALL CONDUIT TO BE 6" SCH 40 PVC CONDUIT FOR 3Ø 600A PRIMARY
AND 4" SCH. 40 PVC CONDUIT FOR 3Ø 200A PRIMARY.
ALL ELBOWS TO BE A MIN OF 36" RADIUS, MAXIMUM OF (3) 90'S

XF PAD
BASE FOR 1Ø PADMOUNT TRANSFORMER FURNISHED BY EVERGY AND
INSTALLED BY CUSTOMER PER ESS DWG. 10.30.

XF PAD
BASE FOR 3Ø PADMOUNT TRANSFORMER FURNISHED AND
INSTALLED BY CUSTOMER PER ESS DWG. 10.33 OR 10.34.

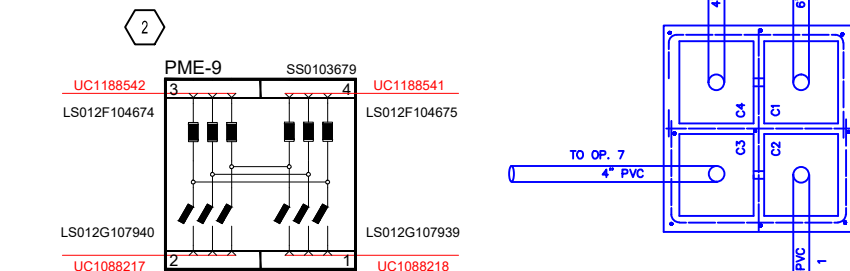
200A SECTIONALIZING CABINET
1Ø & 3Ø SECTIONALIZING CAB. FURNISHED BY EVERGY & INSTALLED
BY CUSTOMER PER STANDARD DWG. 1013.34-001 AND 1014.34-021.

600A SECTIONALIZING CABINET
3Ø SECTIONALIZING CAB. FURNISHED BY EVERGY & INSTALLED
BY CUSTOMER PER STANDARD DWG. 1015.32-001.

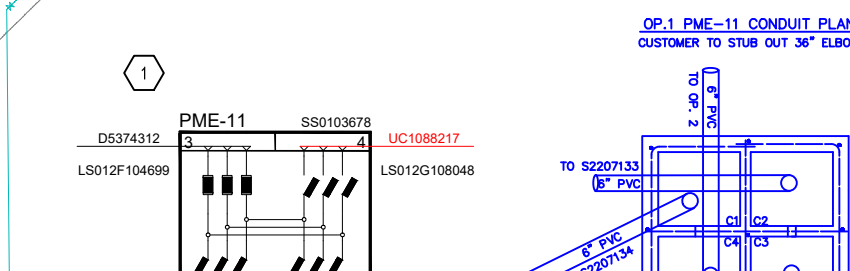
BASE PME-9 OR PME-11
CONCRETE BASE FURNISHED AND INSTALLED BY CUSTOMER
PER STANDARD DWG. 976.94-001.

OTHER
CUSTOMER TO CONTACT EVERGY FOR OPEN TRENCH
INSPECTION OF CONDUIT & EQUIPMENT. NEED TO CALL
(785) 730-1731 OR (913) 579-8215 48 HOURS IN ADVANCE.

EVERGY RESPONSIBILITY
UG PRIMARY
3 1000-1C AL FOR 3Ø 600A UNLESS NOTED OTHERWISE
3 1/0-1C AL FOR 3Ø UNLESS NOTED OTHERWISE
TERMINATE CUSTOMER'S CABLE IN TRANSFORMER
MAX 65' CT CABLE



Directional Bore
By Everyg - Connect
to customer conduit



WL1
INSTALL
SWITCHGEAR-AIR INS-STYLE-11
SS0103678
WL2
INSTALL
SWITCHGEAR-AIR INS-STYLE-9
SS0103679
WL3
INSTALL
SECT CAB 600A-2 WAY-3 PH-15KV
LS012103011
WL4
INSTALL
SWITCHGEAR-AIR INS-STYLE-11
SS0103680

WL5
INSTALL 315.1-441
POLE-WOOD-50" CLASS 3
ST10210453
3P SHLD HORZ 10 FT-TAN STD
3P SHLD HORZ 10 FT-RISER 3P SWITCH DISC
BS012D107935
//

WL6
INSTALL
RECLOSER 3P LARGE-7200/12470
RC_R1917651

REMOVAL
POLE-WOOD-50" CLASS 3
STE1392660
3P SHLD HORZ 10 FT-TAN STD

WL7
INSTALL
SECT CAB 200A-4 WAY-3 PH-15KV
LS012107202

WL8
INSTALL
SECT CAB 200A-4 WAY-3 PH-15KV
LS012107203

WL9
INSTALL
TX-3P-UG-7200/12470-120/208-750 KVA
TS1188003

WL10
INSTALL
TX-3P-UG-7200/12470-120/208-500 KVA
TS1188002

WL11
REMOVAL
3P SHLD HORZ 10 FT-TAN STD

WL13
INSTALL
SWITCHGEAR-AIR INS-STYLE-9
SS0103681

WL14
INSTALL
TX-3P-UG-7200/12470-120/208-150 KVA
TS1196796

WL18
INSTALL
TX-3P-UG-7200/12470-120/208-500 KVA
TS1196797

WL19
INSTALL
TX-3P-UG-7200/12470-120/208-500 KVA
TS1196798

WL20
INSTALL
TX-3P-UG-7200/12470-120/208-500 KVA
TS1188004

WL21
INSTALL
SECT CAB 200A-4 WAY-3 PH-15KV
LS012107204

WL22
INSTALL
TX-3P-UG-7200/12470-120/208-500 KVA
TS1196799

WL23
INSTALL
SECT CAB 200A-4 WAY-3 PH-15KV
LS012107476

WL24
INSTALL
TX-3P-UG-7200/12470-120/208-500 KVA
TS1196880

WL25
INSTALL
TX-3P-UG-7200/12470-120/208-500 KVA
TS1196881

WL26
INSTALL
SECT CAB 200A-4 WAY-3 PH-15KV
LS012107482

WL27
INSTALL 315.1-441
POLE-WOOD-55" CLASS 3
ST10637361
3P SHLD HORZ 10 FT-TAN STD
3P SHLD HORZ 10 FT-RISER 3P SWITCH DISC
LS012D121696
//

SPAN 1-2
INSTALL
3PH-COND-EPR-000A3-3C/1C-15
UC1088217
CONTR-BORING : Manual Material

SPAN 26-21
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1194766

SPAN 24-25
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1194837

SPAN 23-22
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1194763

SPAN 23-19
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1194764

SPAN 22-14
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1194952

SPAN 20-21
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1188548

SPAN 19-18
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1194765

SPAN 16-17
INSTALL
DUCT BANK-6 IN-2x3
3PH-COND-EPR-000A3-3C/1C-15
UC1194957

SPAN 15-16
INSTALL
DUCT BANK-6 IN-2x2
3PH-COND-EPR-000A3-3C/1C-15
UC1194956

SPAN 15-13
INSTALL
3PH-COND-EPR-000A3-3C/1C-15
UC1194955

SPAN 14-13
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1194954

SPAN 8-23
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1194762

SPAN 8-9
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC118544

SPAN 8-24
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1194836

SPAN 7-8
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1188543

SPAN 4-26
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC1194901

SPAN 4-5
INSTALL
3PH-COND-EPR-000A3-3C/1C-15
UC1088220
C : Manual Material

SPAN 3-4
INSTALL
3PH-COND-EPR-000A3-3C/1C-15
UC1088219

SPAN 2-3
INSTALL
3PH-COND-EPR-000A3-3C/1C-15
UC1088218

SPAN 2-7
INSTALL
3PH-COND-EPR-1/0A3-3C/1C-15
UC118542

REV. DATE BY CHECKED APPROVED

overgy

Think Safety!

DWG FILE # M108133693

BUILT AS DESIGNED
CHANGES AS NOTED
LEADSMAN
FCS

DATE
DATE

EXISTING
INSTALL
REMOVE
MODIFY



CONTACTS
PROJECT DESIGNER: JENNY CASEY
PHONE #: (913) 579-8215
INTRINSIC: SEAN MCCANNON
PHONE #: (573) 801-8903

TITLE DISCOVER PARK-PHASE 1
COMMERCIAL/MIXED USE DEVELOPMENT
ADDRESS 1900 NE DISCOVERY AVE
CITY LEES SUMMIT STATE MO

WQ# M108133693
CENTER LEES SUMMIT
CIRCUIT 0376012022
DESIGNED BY JLC8165

SHEET 1 OF 1

DWG FILE # M108133693