-IT WILL BE THE CUSTOMER/CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE PROPOSED LOCATION OF ALL STRUCTURES/CONDUITS ARE CLEAR. SCE MUST BE NOTIFIED OF ALL CONFLICTS. MINOR CONFLICTS MAY BE RESOLVED WITH FIELD CHANGES. MAJOR CONFLICTS MAY REQUIRE REDESIGN.
-2-10" VENT PIPES REQUIRED, SEE DECAL ON PG. 1

2 CI: V5646789 VAULT
7'x18'x8' TUB STYLE
CI: 1- S V 7'X18'X8' TUB 2 PIECE
CF: 1- SS TAX EXCV CST FOR VLT
IN: 1- SL CBL RACK STL 30" FOR VLT/MH
IN: 1- SW UG SF6 LB RAG 4-WY 600A 17.5KV (GS4428)
SN: _____
IN: 200- CBL 1/0 AL 3-1/C 17KV CLP PJ TO S3382
IN: 1302- CBL 350 AL 1/C 17KV CLP PJ (3 x 434') TO V9820
CF: 387- CM DUCT FOR EXCAVATION 6' TO S3382 (SPLIT Y to POE) 381' TO V9820
CF: 1640- CM DUCT 5" 116' TO SPLIT 'Y' 1524' (4 x 381') TO V9820
IN: 1- JJ 3-DBE 350 600A
IN: 3- JJ DE DB RCPT INS W/TST PNT 600A
IN: 3- JJ DB EXT 1/0 600A W/LBE 1/0 200A 25KV
IN: 1- JJ 3-DBE W/BUSH EXT 350 600A

MATCH LINE "A"
LINCOLN CT
WILSHIRE BLVD
7TH STREET
7TH COURT (ALLEY)
LINCOLN BLVD

1 | 5" / 110'
8216E TO V6789
IN: 188' 3-#350 JCN 16kV
TEN 5646789 to 4238216E - 489.34 LBS
TEN 4238216E to 5646789 - 249.80 LBS

2 | 5" / 116'
SPIT "Y" TO V6789
IN: 200' 3-1/0 JCN 16kV (S3382 TO V6789)
TEN 5646789 to 5393382 - 268.71 LBS
TEN 5393382 to 5646789 - 202.12 LBS

EX: S5393382 BURD SW 3
4'x4' CONCRETE PKWY
EX: SW UG BS F SS SF6 2-WY 2-PL 200A 17KV
SN: _____
IN: 3- JJ DBE W/BAIL 1/0 200A
NEW ELBOWS ORDERED FOR EX. BS0777

R 90'x150"
R 22'x150"
CURB
12.6%
ABDN:18' OF 5" DUCT FROM 8216E TO INTERCEPT "Y"
COST PLUS TO INSTALL INTERCEPT "Y"
S5393382 4'X4' CUST 1-2W 3P FBS 95
EX:336A-16 4238216E-350
V5393370 15'X18' CUST 3/167/16-277/480

1 EXISTING 4238216E
55' Class C3
RM: 18- CM DUCT 2" AND UP
RM: 86- CBL 1/0 AL 3-1/C 17KV CLP PJ 8216E TO S3382
RM: 1- PH CS 10' XA 16KV 3P 3-1/0
RM: 1- RSR 4" TO 3" EXTENSION
IN: 564- CBL 350 AL 1/C 17KV CLP PJ (3 x 188') TO V6789
IN: 1- RSR 5" TO 4" EXTENSION
IN: 1- PH CS 10' XA 16KV 3P 3-1/0
IN: 1- SA POLY W/GND NO PRI-N 16KV 3P
IN: 1- FE CO OPEN W/10' XA 100A 16KV 3P
CF: 110- CM DUCT 5"
CF: 110- CM DUCT FOR EXCAVATION

WILSHIRE BLVD / LINCOLN CT
EX.RISER (TO BE ABANDONED)
RUN: 100'
RISER: 35'
TOTAL: 135'

EX: V5039820 VAULT 4
8'X22'X9'4" Tub TUB STYLE
EX: 4-WAY SWITCH
S/N: _____
IN: 1- JJ 3-DBE 350 600A (FOR POS 1, GS0605)
IN: 3- JJ LB JUNC BAR 4WY 200A 25KV FED FROM POS 2, GS 0605
IN: 3- JJ DB EXT 1/0 600A W/LBE 1/0 200A 25KV (POS 2, GS0605)
IN: 12- JJ LBE 1/0 200A 16KV (FOR LB J-BARS)
CF: 213- CM DUCT 5"
CF: 213- CM DUCT FOR EXCAVATION (V7576 SOUTH TO P/L)
IN: 264- CBL 1/0 AL 3-1/C 17KV CLP PJ (TO 8845)

3 | 4 5" / 381'
VLT TO VLT
IN: 434' 3-#350 JCN 16kV
TEN 5037576 to 5646789 - 739.29 LBS
TEN 5646789 to 5037576 - 733.83 LBS

V5037576_28
6'X12'X8'6"
NECK 13"

R 22'x150"
V5039820_65
8'X22'X9'4"
2-8" SP VENTS
NECK 19"
100/2495792104/16
120/240
1-4W RAM GS 07
0605
CURB
12.6%
V5304493
8'x23'4"x9'4"
V5440764
7'X16'X8' CUST
3/75/16
3088919601
3088919602
3088919603
120/208
V5038017
5'X7'6"X8' CUST
X5039821_65
2'6"X4"
36'X22' POURED IN PLACE STRUCTURE YARD CUSTOMER OWNED
SEE EQUIPMENT YARD DETAIL ON PAGE 1
4000AMP PANEL
277/480V 3PHASE
1013.82KW 0TON
VD=0.23%
1435A - 1195kVA
9' OF 1-5" CONDUIT P/L TO PME CUSTOMER OWNED
X5039988 66
2'6"X4'

4 | 1 5" / 213'
PAD TO VLT
IN: 264' 3-1/0 JCN 16kV
TEN 5037576 to 5648845 - 334.78 LBS
TEN 5648845 to 5037576 - 187.42 LBS

SLAB BOX WILL BE POURED IN PLACE WITH CABLE TRENCH WINDOW OR, IF PRECAST, SLAB BOX SHALL BE SPECIAL ORDERED WITH CABLE TRENCH WINDOW.

CO: P5646792 SLAB BOX 5
10'x12' CONCRETE
CO: 1- S SB 10' X 12' W/TUB 5'X8'6"X5'
IN: 3-1/0 JCN 17' (1 runs)
MI: 3-1/0 JCN 42' (1 runs)
IN: 1- GR 2/0 STR PM/BURD TRANS 500 & UP W/RODS
IN: 3- JJ LBE 1/0 200A 12KV
IN: 10- CNN HYLUGS PM 3-700 1-350 12/16KV 3P
IN: 5- CNN BOLTS PM 4/0 AND UP 12/16KV 3P
IN: 1- TR PM DE 1000KVA 16KV 480 3P
SN: _____
IN: 3-#700 1-#350 CLP (5 runs) 28' (5 runs)
MI: 3-#700 1-#350 CLP (5 runs) 30' (5 runs)
IN: 1- MTR KWH 2.5A WN 4" 400/5 277/480 3P 4W
IN: 2- MTR KWH 2.5A CT BAR 200/5 277/480 3P 4W
IN: 7- MTR KWH/KVARH 30A 277/480 3P 4W
IN: 3- JJ STRAIGHT PLG 1/0 200A (FOR CONN. IN P8845)
IN: 3- JJ STRAIGHT RCPT 1/0 200A (FOR CONN. IN P8845)

R 90'x48"
17' OF 1-5" CONDUIT PME TO SLAB BOX CUSTOMER OWNED
IN: 59' 3-1/0 JCN 16kV
TEN SLAB to PME - 3.92 LBS
TEN PME to SLAB - 3.92 LBS

CO: P5648845 PAD 6
4'6" x 7' CONCRETE
CO: 1- S SB 4'X6' W/2'-6"X4' BOX FOR PMH-5
-SWITCH NOT CURRENTLY REQUIRED.
-NO MATERIAL ORDERED ON THIS STATION.
-PRIMARY TO PASS THROUGH THIS STRUCTURE TO TRANSFORMER.
-REFER TO UGS SS 591
-CUSTOMER TO PROVIDE DIAMOND PLATE LID TO SECURE P8845 OPENING.

T.L.M. DATA:

	SIZE	KVA	CUST	% LOAD
EXIST.	N/A	N/A	N/A	N/A
PROP.	1000	1013	1	101.3%

VOLTAGE DROP: 0.23 %
FLICKER FACTOR: N/A
PRI. CIRCUIT: ALBATROSS 16kV

701 WILSHIRE BLVD HM SANTA MONICA CA 90404
701 WILSHIRE BLVD UNIT A SANTA MONICA CA 90404
701 WILSHIRE BLVD UNIT A1 SANTA MONICA CA 90404
701 WILSHIRE BLVD UNIT B SANTA MONICA CA 90404
701 WILSHIRE BLVD UNIT B1 SANTA MONICA CA 90404
701 WILSHIRE BLVD UNIT C SANTA MONICA CA 90404
701 WILSHIRE BLVD UNIT C1 SANTA MONICA CA 90404
701 WILSHIRE BLVD UNIT D1 SANTA MONICA CA 90404
701 WILSHIRE BLVD UNIT E1 SANTA MONICA CA 90404
701 WILSHIRE BLVD UNIT E1 SANTA MONICA CA 90404

RM 799693E 7
45' Class C3
RM: 1- POLE 45' CLASS 3 WOOD FULL TREAT
RM: 3- INS GLASS/POLY 35KV & LESS
RM: 2- XA SNGL VB 10' STEEL PINS
RM: 1- XA DBLE VB 10' STEEL PINS
RM: 1- MISC POLE TOP EXTENSION 5' STEEL & WOOD

EX:336A-16
799693E
45
799692E
45
75/4153545/16
EX:2/0B-120
4315458E
50
100/16
120/240
EX:4/0AT120
1487273E
55
3/37.5/16
120/208 3P
SEE MATCH LINE "A"
LINCOLN CT
LINCOLN BLVD
WILSHIRE BLVD
4238216E
55
EX:336A-16

POLE 799693E 8
55' Class C1
IN: 1- POLE 55' CLASS 1 WOOD FULL TREAT
IN: 1- CAP BANK SW 1200 KVAR 16KV W/PT & 17" FH (0189115)
S/N: _____
EQUIP# 0189115
IN: 1- XA SNGL VB 10' STEEL PINS
IN: 3- INS POLY W/PIN 16KV CLMP #4-653 ACSR
IN: 1- RSR PRECUT UNISTRUT W/ HARDWARE NO PVC
IN: 1- XA DBLE VB 10' STEEL PINS N/BOND
IN: 2- SEC 3-WIRE (284 RACK)
IN: 1- CAP CONTROL W/DC RADIO EL
IN: 3- SEC DE 1/0 ACSR TRI OR QUAD AUTO BAIL
IN: 3- SEC DE #2 STR CU AUTO FLEX
IN: 1- SEC STEEL PIN & INS - NEUTRAL
IN: 2- SEC STEEL PIN & INS - PHASE
IN: 1- SEC 2" PVC FOR UNDER ARM W/#2 TW
IN: 6- SEC ROLLER (166-CLEVIS & SPOOL)
INCLUDED MATERIAL TO ALLOW FOR SECONDARY ARM CONSTRUCTION OR ELIMINATION OF ARM CONSTRUCTION
SET SAME HOLE DUE TO RISERS
IN: 2- MISC AVIAN HOOD FOR HENDRIX INSUL #4-653

9TH STREET
LINE DEVICE ID# 0189115
TO BE PROVIDED BY DISTRICT AT THE TIME OF INSTALL

RUN: 20'
RISER: 35'
TOTAL: 55'
LINCOLN CT
WILSHIRE BLVD

M. Varela
MAY 23 2014

CAPACITOR LOCATION:
34°01'23", 188°29'41"

V5037576 CONDUIT ENTRY POINT DETAIL
Measurements from C/L of vault lid
New Conduits to be installed above existing duct bank. Approximately 80" below grade.
V5039820_65
8'X22'X9'4"
2-8" SP VENTS
NECK 19"
100/2495792104/16
120/240
1-4W RAM GS 07
V5037576
6'X12'X8'6"
NECK 13"
11"
27"
45°
61"
45°
New Conduits to be installed above existing duct bank. Approximately 65" below grade.
NTS

METER SERVICE REQUESTS:
701 WILSHIRE HM - 7337028
701 WILSHIRE A - 7337029
701 WILSHIRE A1 - 7337030
701 WILSHIRE B - 7337031
701 WILSHIRE B1 - 7337032
701 WILSHIRE C - 7337033
701 WILSHIRE C1 - 7337034
701 WILSHIRE D1 - 7337035
701 WILSHIRE F1 - 7337036
701 WILSHIRE E1 - 7337037

INVENTORY MAPS:
60-58A-1
60-58A-4
60-58A
61-58C

PLAN
SOUTHERN CALIFORNIA EDISON
An EDISON INTERNATIONAL Company
SCALE: 1" = 30'
0 30 60

FINAL DESIGN
APPROVED FOR CONSTRUCTION

DISTRICT: 42 - SANTA MONICA			PROJ. MGR. ARAW, ANDREW PHONE 310-909-4161		PLANNER ARAW, ANDREW PHONE 310-909-4161	
FOREMAN		TRUCK NO.	P/E	INVENTORY MAP NO. 60-58A-1	THOMAS GUIDE	GRID NO.
DESIGN NO. 517229_0.01						
CSD 140 Y / N	BY-PASS CODE	EXISTING CHANGE TO	TLM	J.P.A. NO.	ASSOCIATED DESIGN NO.	
			CHECKED	%LOAD 56042-406051749		
PRODUCT/SAP NO. 736126-LINE EXTENSION			PRODUCT/SAP NO.		PRODUCT/SAP NO.	

F	R.TORRES	5/20/14	RT	A.ARAW	35214
P	R.TORRES		RT	M.DIAZ	
TYPE	APPROVED BY	DATE	CHECKED BY	DRAWN BY	PAX #

PROPOSED CONSTRUCTION (LOCATION)
RULE 15 - LINE EXTENSION
701 WILSHIRE BLVD
SANTA MONICA CA 90401 1718

Southern California Edison Company

SHEET 3 OF 3
JOB NO. 517229_0.01