

SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL BUILDINGS AND APPENDITURES.

KEY NOTES:

- 1 PER E200.
- 2 EXISTING MANHOLE #17.
- 3 TO BE REMOVED, PROVIDE NEW GRASS AT EXITING LANDSCAPE GRADE IN THIS AREA.
- 4 TO BE ABANDONED BUT REMOVE CONDUCTORS.
- 5 TO BE REPLACED, SEE E170 & E200.
- 6 TO BE REMOVED & DISPOSED OF BY CONTRACTOR.
- 7 TO BE RECONNECTED PER E170 & E200.
- 8 EXISTING MH 17 WITH EXISTING OLD OIL FILLED SWITCH (SKV) TO BE TESTED FOR PCB & REMOVED FROM VAULT & DISPOSED OF PROPERLY.

REVISIONS	BY

LUCI & ASSOCIATES, INC.
 CONSULTING ELECTRICAL ENGINEERS
 3281 CORTE MALPASO, #816
 SANTA MONICA, CA 90405
 (805) 389-6620 FAX (805) 389-6519
 Web Site <http://www.luciland.com>

LUCI & ASSOCIATES, INC. reserves their right to change plans, specifications, or drawings at any time without notice. It is the responsibility of the client to verify all information shown on these drawings. The user of these drawings shall be held responsible for any errors or omissions. The user shall indemnify and hold LUCI & ASSOCIATES, INC. harmless from and against all claims, damages, losses, and expenses, including reasonable attorneys' fees, arising out of or from the use of these drawings.

SHEET TITLE
SITE ELECTRICAL PLAN -
EXISTING CONDITION

PROJECT:
 Baseball Field Scoreboard Switch
 Transformer & Feeder
 Replacement and Removal of Old
 Oil Switches - Ventura College



DRAWN: L. K. /S. F.
CHECKED: K. LUCCI
DATE: 04-03-2018
SCALE: AS NOTED
JOB NO. 18512
SHEET:

E150
 OF SHEETS

SCALE: 1/4"=1'-0"
 0 2' 4' 8'

SITE ELECTRICAL PLAN - EXISTING CONDITION
 SCALE: 1/4"=1'-0"



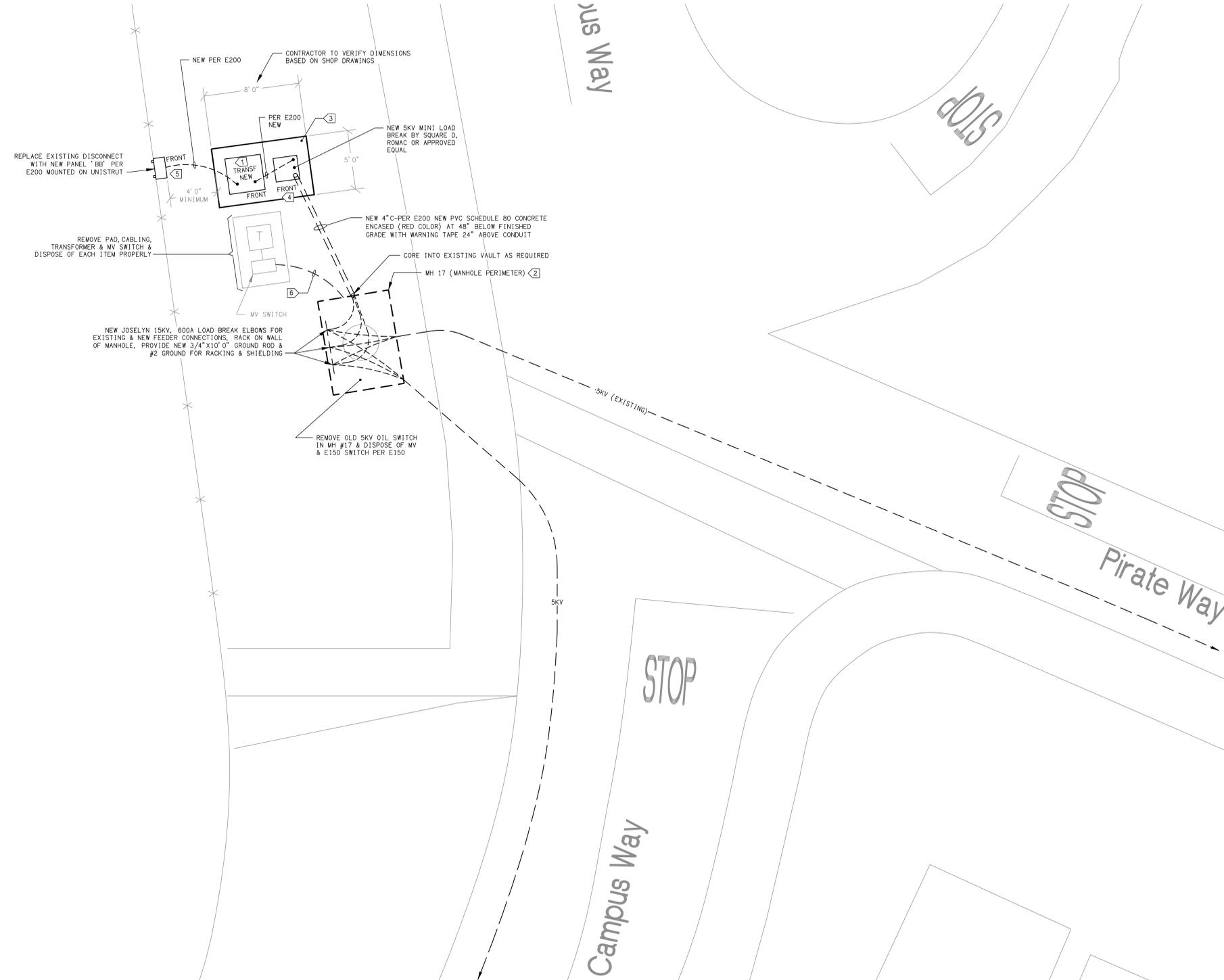
TIME: 12:31 pm

DATE: 30 April 2018

PATHNAME: G:\18512\E170

DRAWING FILENAME: 18512E170

DRAFTER: Lee Keener



SCALE: 1/4"=1'-0"

SITE ELECTRICAL PLAN - NEW WORK CONDITION

1
- E170



SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL BUILDINGS AND APPENDICES.
2. CONTRACTOR SHALL VERIFY LOCATION AND REQUIREMENTS OF ALL ELECTRICAL DEVICES PRIOR TO BID, ROUGH-IN AND INSTALLATION.
3. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY TRENCHING. CONTRACTOR SHALL PROTECT ALL EXISTING/REMAINING UNDERGROUND UTILITY SYSTEMS IN PLACE. CONTRACTOR SHALL REPAIR ANY UTILITY SYSTEM DAMAGED DURING CONSTRUCTION.
4. MINIMUM CONDUIT BURIAL DEPTH IS 24".
5. CONTRACTOR TO PROVIDE GROUND CONDUCTORS IN ALL CONDUITS.
6. 1" CONDUIT MINIMUM UNDERGROUND.

KEY NOTES:

- (1) PER E200.
- (2) EXISTING MANHOLE.
- (3) CONCRETE PAD FOR NEW MEDIUM VOLTAGE SWITCH & NEW TRANSFORMER. PAD TO BE 5' 0" X 8' 0" X 12" (4" ABOVE FINISHED GRADE). PROVIDE #3 BAR TOP & BOTTOM BOTH WAYS ON 6" CENTERS WITH 3" CONCRETE COVER OVER BARS. INSTALL EQUIPMENT WITH (4) HILTI KB-TZ 1/2" X 6" EMBEDS FOR EACH ITEM (3" EMBED). 2500 PSI CONCRETE.
- (4) PROVIDE 5' 6" WORKING CLEARANCE.
- (5) PROVIDE 3' 0" WORKING CLEARANCE.
- (6) REMOVE OLD DAMAGED CONDUCTORS.

MEDIUM VOLTAGE CONTRACTOR TO PROVIDE CREDENTIALS PRIOR TO SCHEDULING ANY MV SPLICES FOR APPROVAL BY EOR

CONTRACTOR TO PROVIDE FOR PREMIUM TIME WORK ON WEEKENDS FOR CAMPUS SCHEDULED POWER OUTAGE AS REQUIRED PER NFPA-70E AND CAMPUS REQUIREMENTS.



REVISIONS	BY

LUCCI & ASSOCIATES, INC.
 CONSULTING ELECTRICAL ENGINEERS
 3281 CORTE MALPASO, #814
 SAN JOSE, CA 95128
 (408) 389-6620 FAX (408) 389-6519
 Web Site: <http://www.lucciland.com>

LUCCI & ASSOCIATES, INC. reserves their right to change plans, specifications, or quantities at any time without notice. The contractor shall be responsible for verifying the accuracy of all information shown on these drawings. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for obtaining all necessary information and data. The contractor shall be responsible for obtaining all necessary information and data. The contractor shall be responsible for obtaining all necessary information and data.

SITE ELECTRICAL PLAN - NEW WORK CONDITION

PROJECT:
 Baseball Field Scoreboard Switch Transformer & Feeder Replacement and Removal of Old Oil Switches - Ventura College

DRAWN:
L. K. /S. F.
 CHECKED:
K. LUCCI
 DATE:
04-03-2018
 SCALE:
AS NOTED
 JOB NO.
18512
 SHEET:

E170 OF SHEETS

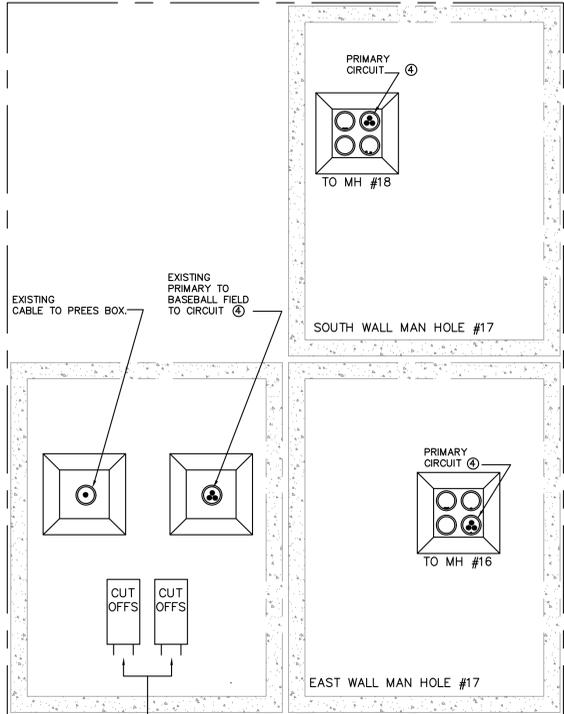
TIME: 12:32 pm

DATE: 30 April 2018

PATHNAME: G:\18512\E250

DRAWING FILENAME: 18512E250

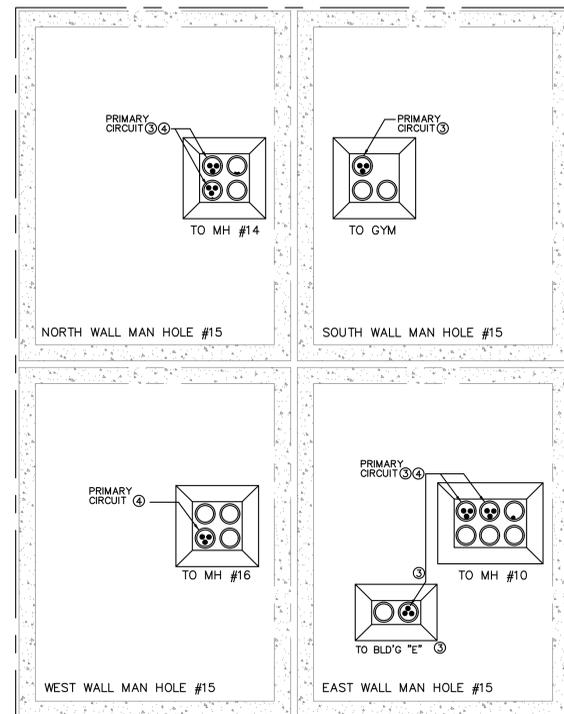
DRAFTER: Lee Keener



EXISTING CUTOUTS FROM MH-15. CONNECT EXISTING TRANSFORMER TO BASEBALL FIELD TO PRIMARY CIRCUIT ④ VIA RE-LOCATED CUTOUTS. WITH STRESS KIT CONNECTIONS.

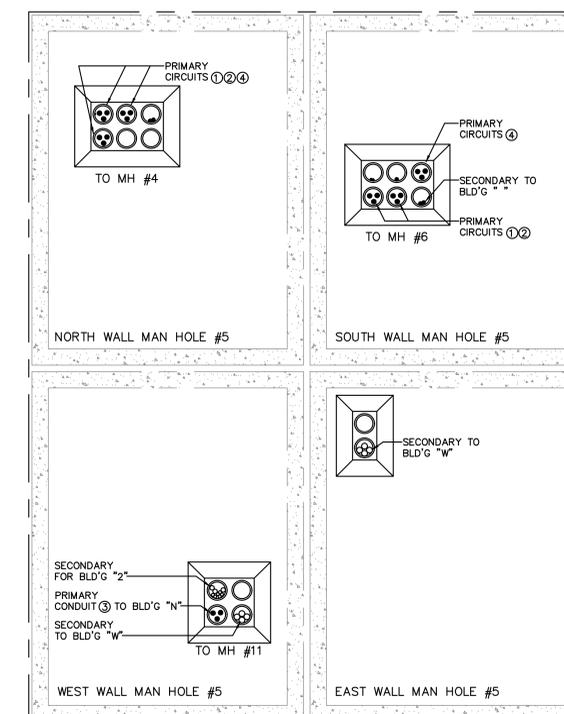
MANHOLE 17

MANHOLE #17 6
SCALE: NONE



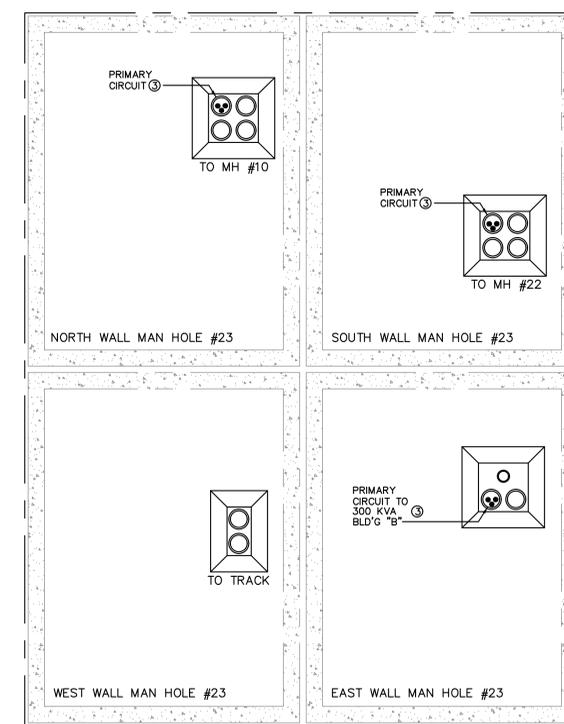
MANHOLE 15

MANHOLE #15 4
SCALE: 1"=1'-0"



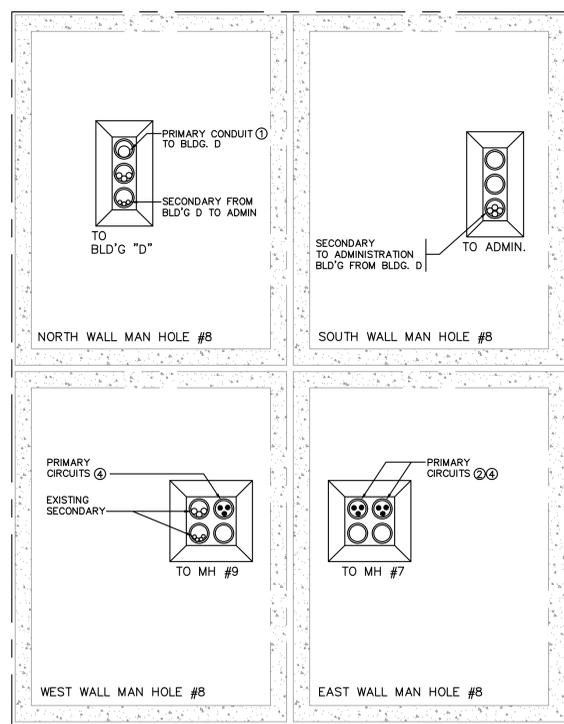
MANHOLE 5

MANHOLE #5 2
SCALE: 1"=1'-0"



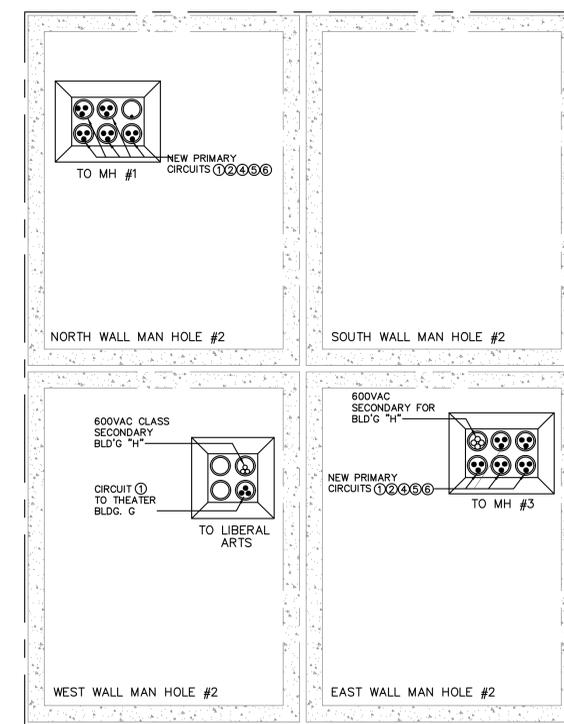
MANHOLE 23

MANHOLE #23 5
SCALE: 1"=1'-0"



MANHOLE 8

MANHOLE #8 3
SCALE: 1"=1'-0"



MANHOLE 2

MANHOLE #2 1
SCALE: 1"=1'-0"

REVISIONS	BY

LUCCI & ASSOCIATES, INC.
CONSULTING ELECTRICAL ENGINEERS
3281 CORTE MALPASO, #814
SAN JOSE, CA 95128
(408) 307-6000 FAX (408) 389-6519
Web Site: <http://www.lucciland.com>

LUCCI & ASSOCIATES, INC. reserves the right to change the design, specifications, or materials without notice. These drawings are not to be used for construction without the written consent of Lucci & Associates, Inc. The user agrees to indemnify and hold Lucci & Associates, Inc. harmless from all claims, damages, and costs, including reasonable attorneys' fees, arising from the use of these drawings.

ELECTRICAL MANHOLE DETAILS
REFERENCE ONLY
and FIELD VERIFY

PROJECT:
Baseball Field Scoreboard Switch Transformer & Feeder Replacement and Removal of Old Oil Switches - Ventura College

DRAWN: L. K. /S. F.
CHECKED: K. LUCCI
DATE: 04-03-2018
SCALE: AS NOTED
JOB NO.: 18512
SHEET:

E250
OF SHEETS

TIME: 12:32 pm

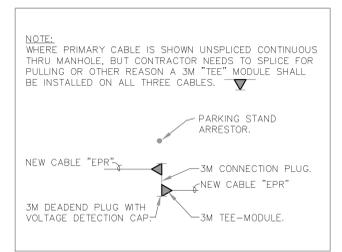
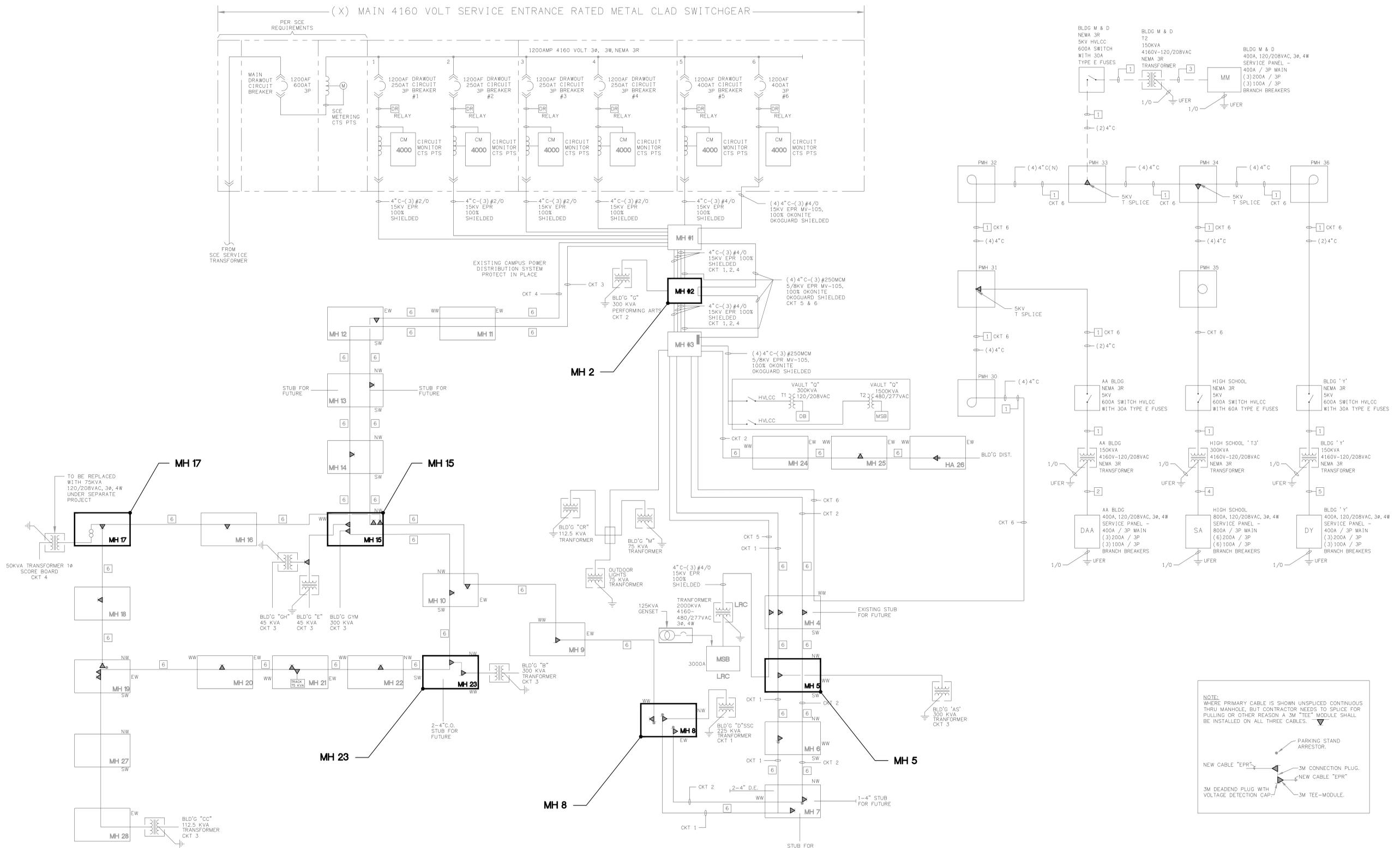
DATE: 30 April 2018

PATHNAME: G:\181512\ELLSheets

DRAWING FILENAME: 181512E260

DRAFTER: Lee Keener

FEEDER SCHEDULE	
TAG	CONDUIT/CONDUCTOR
1	4" - 3#250MCM & 1#1/0 GND 5/8KV OKONITE OKOGUARD 133% COPPER SHIELDED MV105 CABLE
2	4" - 4#500MCM & 1#2 GND
3	4" - 4#500MCM & 1#2 GND
4	(2) 4" - 4#500MCM & 1#1/0 GND EACH
5	4" - 4#500MCM & 1#2 GND
6	4" - 3#2/0 15KV 100% COPPER SHIELDED



EXISTING MEDIUM VOLTAGE ELECTRICAL SINGLE LINE DIAGRAM 1
SCALE: NONE E260

REVISIONS	BY

LUCCI & ASSOCIATES, INC.
CONSULTING ELECTRICAL ENGINEERS
3281 CORTE MALPASO, #814
SAN JOSE, CA 95128
(805) 389-6630 FAX (805) 389-6519
Web Site: <http://www.lucciland.com>

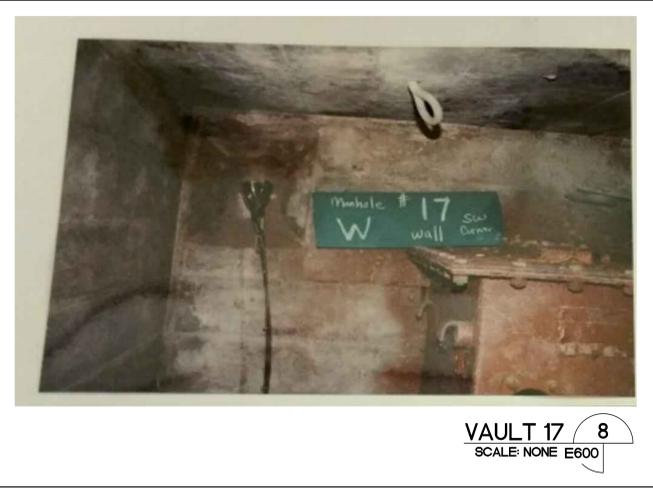
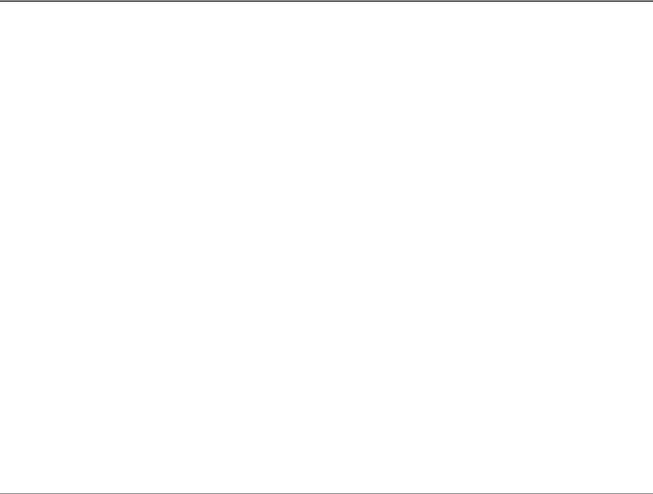
LUCCI & ASSOCIATES, INC. reserves their right to change the design of any part of this drawing without their written consent. The user must obtain their written permission for any change to this drawing.

SHEET TITLE:
MEDIUM VOLTAGE ELECTRICAL SINGLE LINE DIAGRAM

PROJECT:
Baseball Field Scoreboard Switch Transformer & Feeder Replacement and Removal of Old Oil Switches - Ventura College

DRAWN: L. K. /S. F.
CHECKED: K. LUCCI
DATE: 04-03-2018
SCALE: AS NOTED
JOB NO.: 181512
SHEET:

E260
OF SHEETS



VAULT 17 8
SCALE: NONE E600



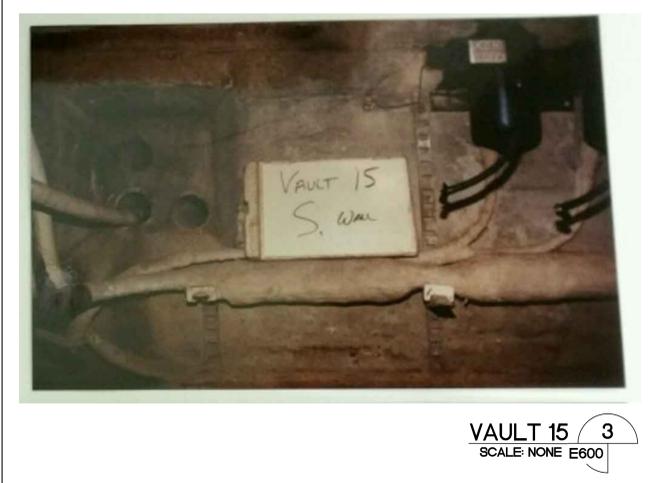
VAULT 15 4
SCALE: NONE E600



VAULT 23 11
SCALE: NONE E600



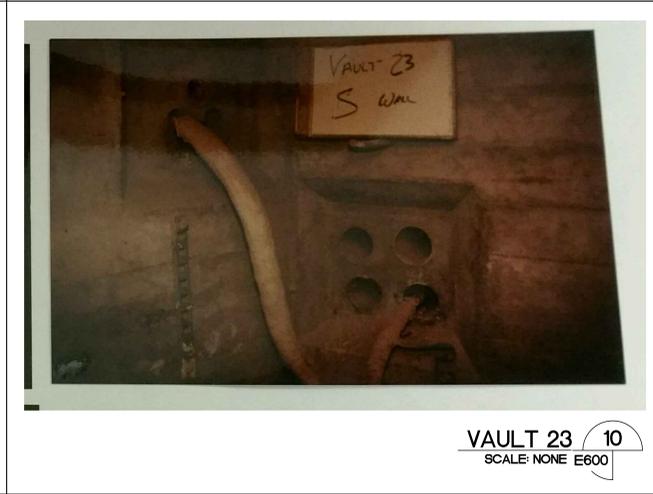
VAULT 17 7
SCALE: NONE E600



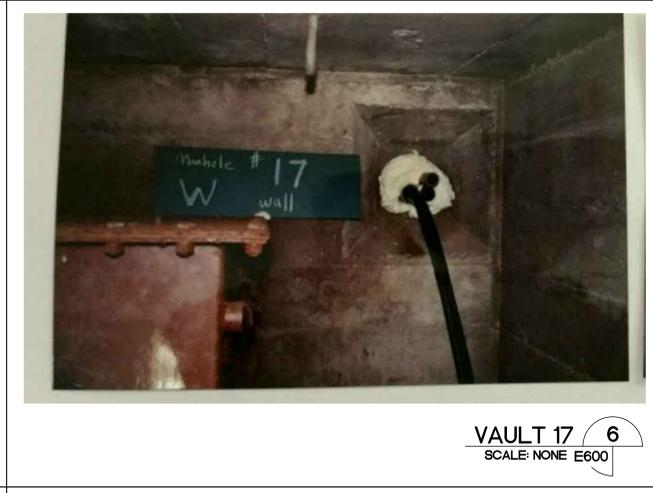
VAULT 15 3
SCALE: NONE E600



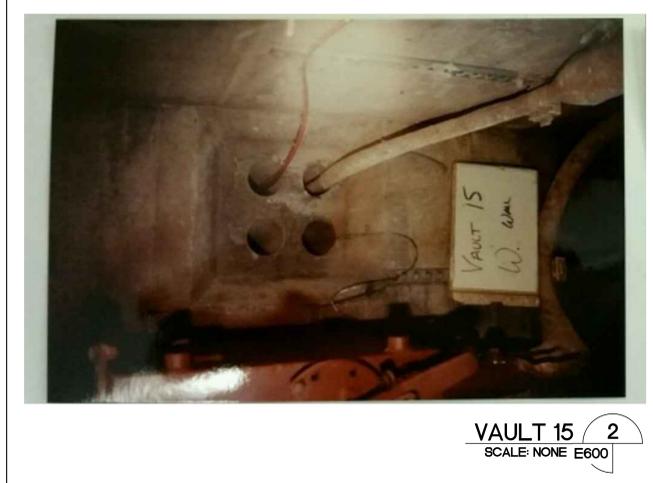
VAULT 8 13
SCALE: NONE E600



VAULT 23 10
SCALE: NONE E600



VAULT 17 6
SCALE: NONE E600



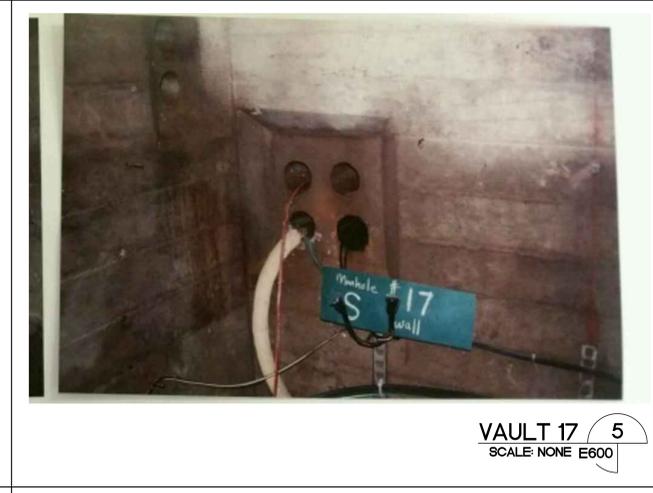
VAULT 15 2
SCALE: NONE E600



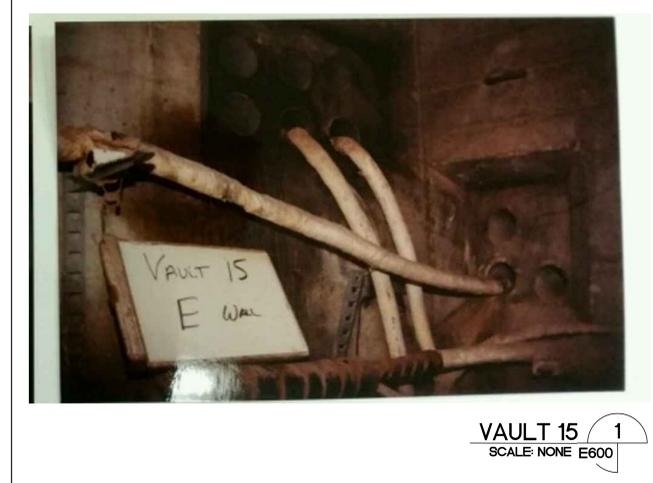
VAULT 23 12
SCALE: NONE E600



VAULT 23 9
SCALE: NONE E600



VAULT 17 5
SCALE: NONE E600



VAULT 15 1
SCALE: NONE E600

REVISIONS	BY

LUCCI & ASSOCIATES, INC.
 CONSULTING ELECTRICAL ENGINEERS
 3281 CORTE MALPASO, 80th
 FLOOR, SUITE 200, SAN
 JOSE, CA 95128-3072-800 FAX (805) 389-6589
 (805) 389-6520 Web Site: <http://www.lucciland.com>

LUCCI & ASSOCIATES, INC. reserves their right to change their name, address, phone number, fax number, e-mail address, or website without first obtaining the written consent of the client. The user agrees to indemnify and hold Lucci & Associates, Inc. harmless from all claims, damages, and expenses, including reasonable attorneys' fees, arising out of or from the use of this information.

SHEET TITLE:
PHOTOS OF MANHOLES

PROJECT:
 Baseball Field Scoreboard Switch
 Transformer & Feeder
 Replacement and Removal of Old
 Oil Switches - Ventura College

DRAWN:
 L. K. /S.F.
 CHECKED:
 K. LUCCI
 DATE:
 04-03-2018
 SCALE:
 AS NOTED
 JOB NO.
 18512
 SHEET:

E600
 OF SHEETS