

# CALIFORNIA TRANSMISSION NETWORK

**SITE ID: 9CAB009079**  
**SITE NAME: SF90XSD35A**

**SITE LOCATION:**  
**CIROLERO ST. & ESCUELA PKWY.**  
**MILPITAS, CA 95035**

## EXISTING METAL STREET LIGHT

CALIFORNIA TRANSMISSION NETWORK

SITE ACQUISITION



THIS DOCUMENT AND ITS IDEAS AND DESIGNS ARE THE PROPERTY OF SASCO AND SHALL NOT BE USED FOR ANY PROJECT OTHER THAN THE ONE IDENTIFIED HEREIN. THIS DOCUMENT SHALL NOT BE LOANED, REPRODUCED, COPIED, TRANSFERRED, OR DISCLOSED TO ANY THIRD PARTY. NOR SHALL IT BE REPRODUCED OR MODIFIED IN ANY WAY WITHOUT THE EXPRESS WRITTEN CONSENT OF SASCO. THIS DOCUMENT (DRAWINGS AND SPECIFICATIONS) IS UNDER PROTECTION OF COPYRIGHT LAWS AND OTHER RESERVED RIGHTS.

A&E SERVICES

DRAWN BY:	SASCO
DATE:	10/08/2015

REV	DATE	DESCRIPTION	BY
0	01/18/2016	95% CONSTRUCTION	RY

**GENERAL NOTES**

THE FACILITY IS NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

**SITE INFORMATION**

APPLICANT: CALIFORNIA TRANSMISSION NETWORK  
 APPLICANT ADDRESS: 3972 BARRANCA PKWY, SUITE J-606 IRVINE, CA 92606  
 APPLICANT CONTACT: DAVID DOWNS  
 APPLICANT PHONE: (209) 470-0861  
 PUBLIC ROW/PRIVATE PROPERTY: PUBLIC ROW  
 NEAREST ADDRESS: 1315 CIROLERO ST. MILPITAS, CA 95035  
 NEAREST APN(S): 026-250-40  
 SITE LATITUDE: 37° 27' 04.25" N (37.45119856)  
 SITE LONGITUDE: 121° 54' 04.14" W (-121.9002517)  
 GIS TYPE: CA83VF (NAD83)  
 GROUND ELEVATION: ±68' AMSL  
 COUNTY: SANTA CLARA  
 JURISDICTION: CITY OF MILPITAS

**DO NOT SCALE DRAWINGS**

SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & FIELD CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



**PROJECT DESCRIPTION**

APPLICANT PROPOSES TO CONSTRUCT A NEW SMALL CELL SITE WITHIN AN EXISTING RIGHT OF WAY. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- ATTACH NEW EQUIPMENT TO EXISTING 24'-0" METAL STREET LIGHT POLE
- INSTALL ONE (1) AC DISTRIBUTION PANEL
- INSTALL ONE (1) REMOTE RADIO HEAD
- INSTALL ONE (1) UE RELAY
- INSTALL ONE (1) GPS ANTENNA
- INSTALL ONE (1) OMNI-DIRECTIONAL ANTENNA
- INSTALL ONE (1) NEMA-4X DISCONNECT SWITCH

**ENGINEERING**

- 2012 INTERNATIONAL BUILDING CODE
- 2014 NATIONAL ELECTRICAL CODE
- TIA/EIA-222-G-2 OR LATEST EDITION
- LOCAL BUILDING/PLANNING CODE

**DRAWING INDEX**

SHEET NO:	SHEET TITLE
T-1	TITLE SHEET
T-2	GENERAL NOTES
T-3	GENERAL NOTES
A-1	SITE PLANS
A-2	SOUTH ELEVATIONS
A-3	EAST ELEVATIONS
D-1	EQUIPMENT DETAILS
E-1	ELECTRICAL PLAN
G-1	GROUNDING PLAN
TC-1	TRAFFIC CONTROL PLAN

**DESIGN TEAM**

CALIFORNIA TRANSMISSION NETWORK  
 3972 BARRANCA PKWY, SUITE J-606  
 IRVINE, CA 92606  
 PM: SYLVETTE CUEZON  
 PHONE: (562) 299-3645  
 EMAIL: sylvette.cuezon@tbtutility.com



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**SITE ID:**  
**9CAB009079**  
**SITE NAME: SF90XSD35A**  
**CIROLERO ST. & ESCUELA PKWY.**  
**MILPITAS, CA 95035**  
**EXISTING METAL STREET LIGHT**

SHEET TITLE  
**TITLE SHEET**

SHEET NUMBER  
**T-1**





CALIFORNIA  
TRANSMISSION NETWORK

SITE ACQUISITION



THIS DOCUMENT AND ITS IDEAS AND DESIGNS ARE THE PROPERTY OF SASCO AND SHALL NOT BE USED FOR ANY PROJECT OTHER THAN THE ONE IDENTIFIED HEREIN. THIS DOCUMENT SHALL NOT BE LOANED, TRANSFERRED, OR DISCLOSED TO ANY THIRD PARTY, NOR SHALL IT BE REPRODUCED OR MODIFIED IN ANY WAY WITHOUT THE EXPRESS WRITTEN CONSENT OF SASCO. THIS DOCUMENT (DRAWINGS AND SPECIFICATIONS) IS UNDER PROTECTION OF COPYRIGHT LAWS AND OTHER RESERVED RIGHTS.

A&E SERVICES

DRAWN BY:	SASCO
DATE:	10/08/2015

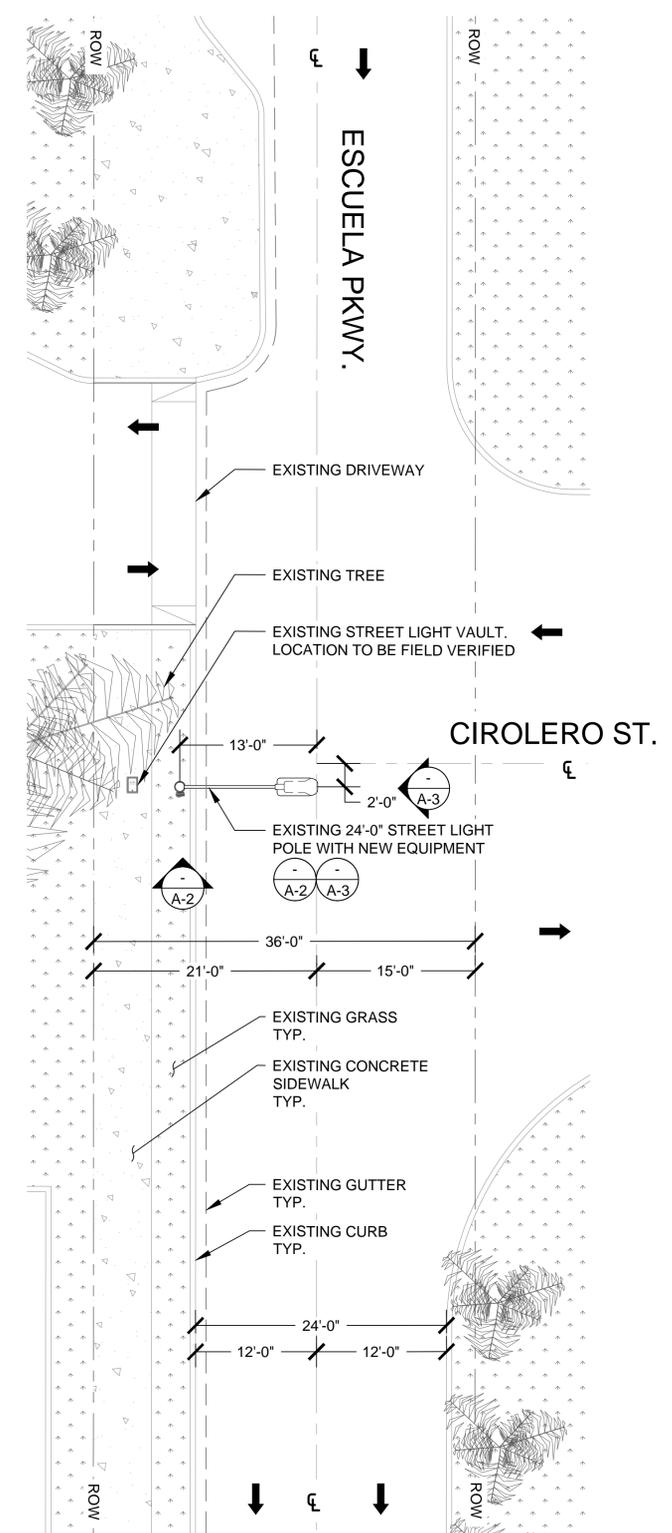
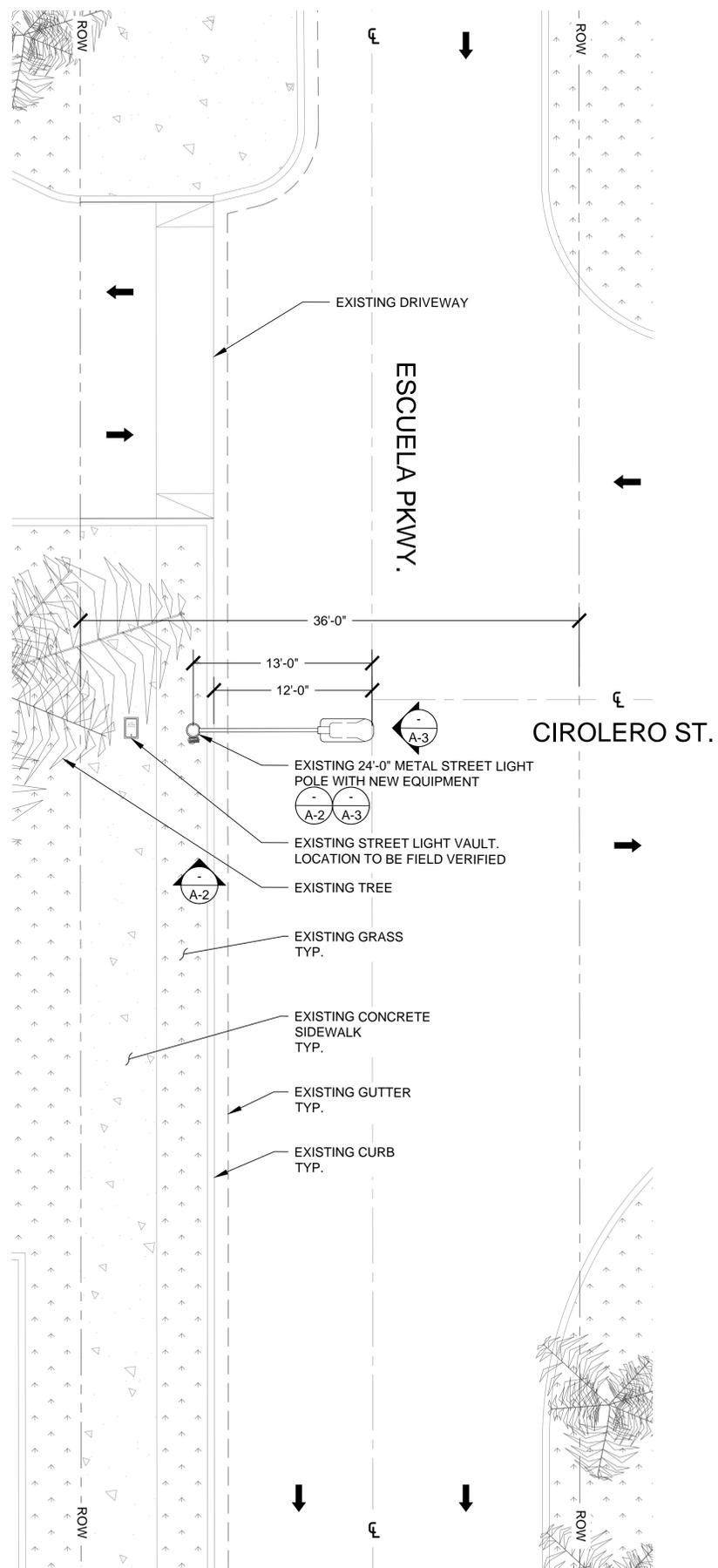
REV	DATE	DESCRIPTION	BY
0	01/18/2016	95% CONSTRUCTION	RY

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**SITE ID:**  
**9CAB009079**  
SITE NAME: SF90XSD35A  
CIROLERO ST. & ESCUELA PKWY.  
MILPITAS, CA 95035  
EXISTING METAL STREET LIGHT

SHEET TITLE  
**SITE PLANS**

SHEET NUMBER  
**A-1**



ENLARGED SITE PLAN

24"x36" SCALE: 3/16" = 1'-0"  
11"x17" SCALE: 3/32" = 1'-0"

SITE PLAN

24"x36" SCALE: 1/8" = 1'-0"  
11"x17" SCALE: 1/16" = 1'-0"

DRAWN BY:	SASCO
DATE:	10/08/2015

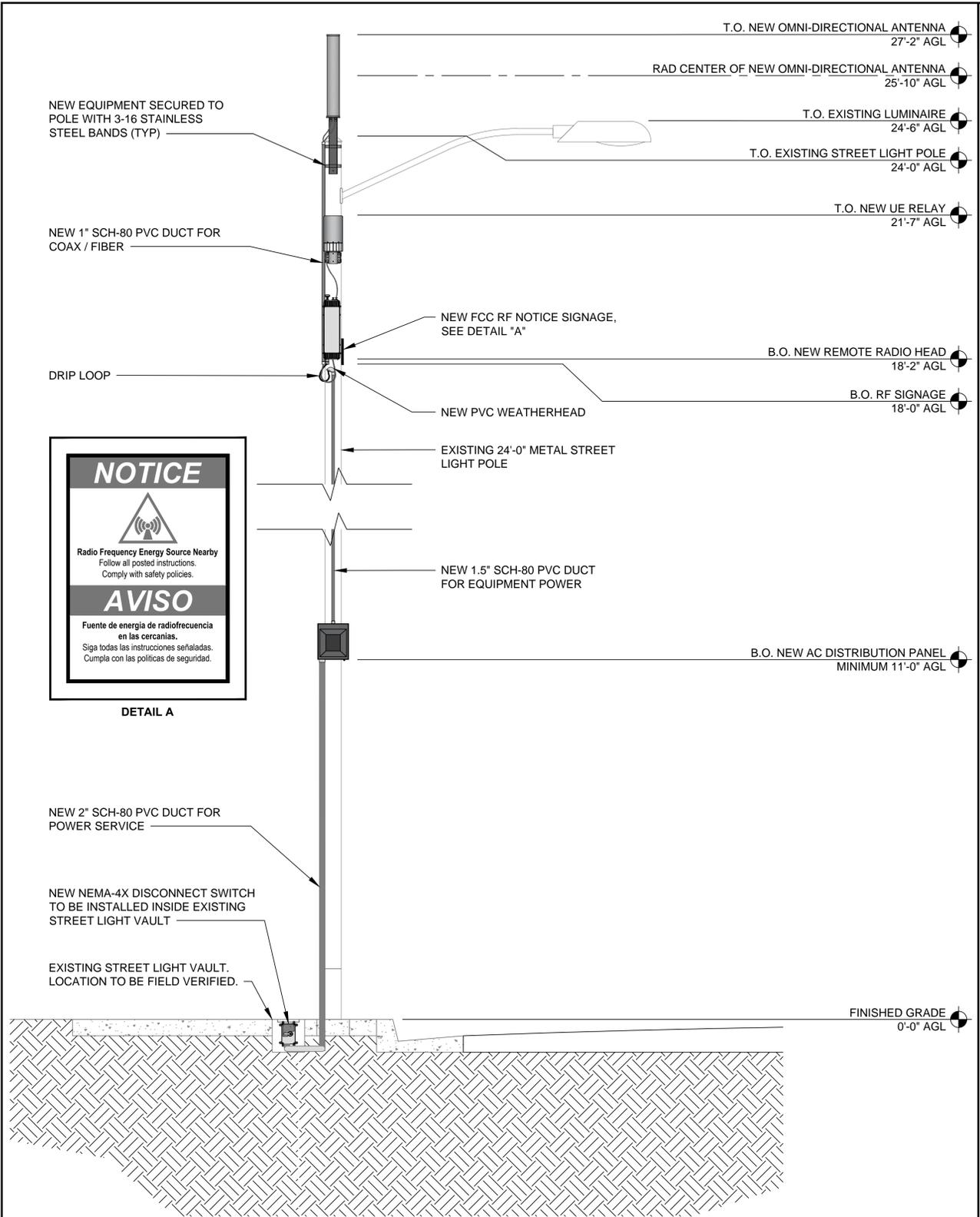
REV	DATE	DESCRIPTION	BY
0	01/18/2016	95% CONSTRUCTION	RY

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**SITE ID:**  
**9CAB009079**  
SITE NAME: SF90XSD35A  
CIROLERO ST. & ESCUELA PKWY.  
MILPITAS, CA 95035  
EXISTING METAL STREET LIGHT

SHEET TITLE  
**SOUTH  
ELEVATIONS**

SHEET NUMBER  
**A-2**

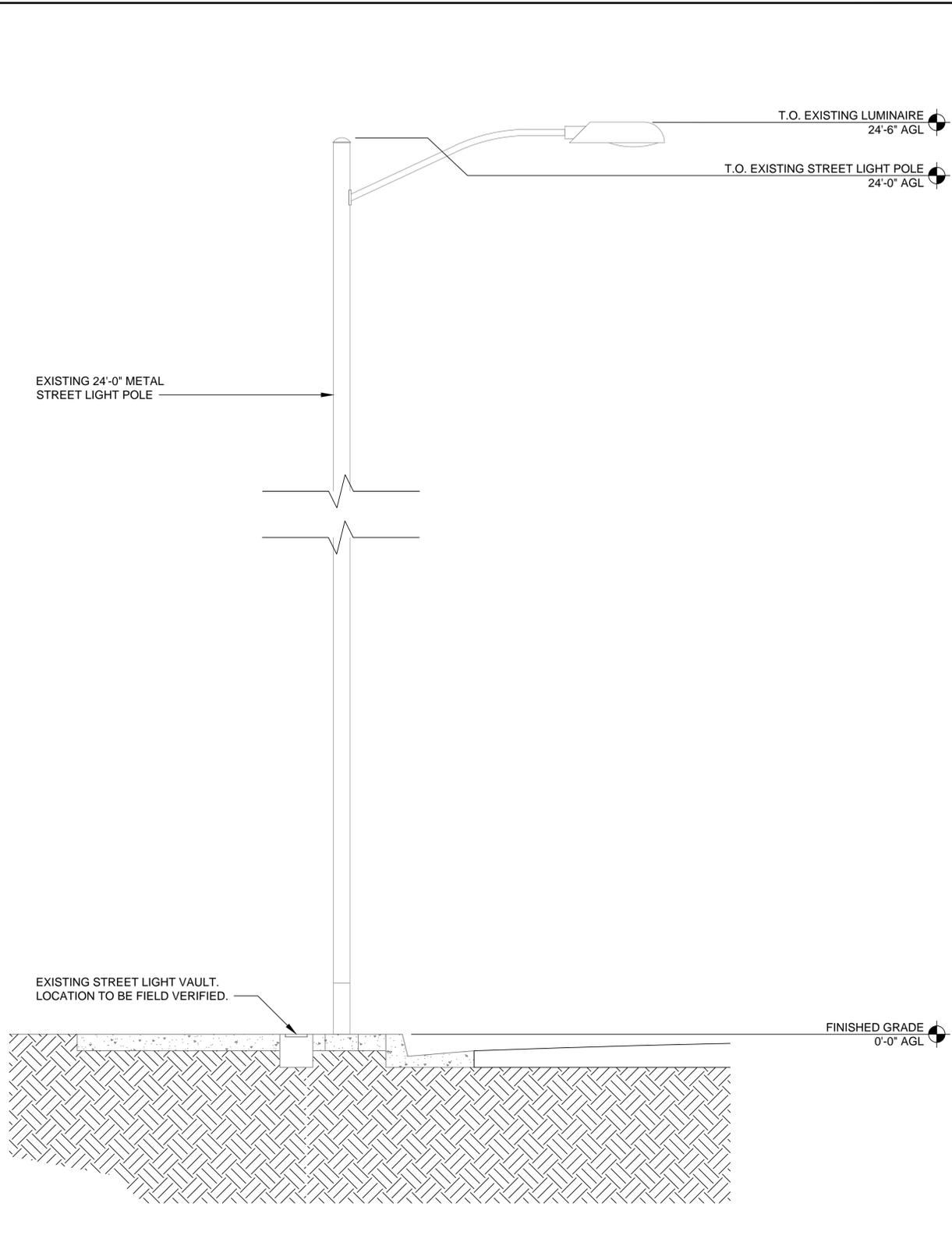


DETAIL A

EQUIPMENT CHART				
QUANTITY	DESCRIPTION	CABLE LENGTH	DIMENSIONS (HxWxD)	WEIGHT
1	ALPHA WIRELESS AW3398 OMNI-DIRECTIONAL ANTENNA	TBD	25.5" X 4.5"Ø	4.6 LBS
1	AIRSPAN IR460 UE RELAY	TBD	13" X 7"Ø	8.8 LBS
1	TALLYSMAN TW3010/TW3012 GPS ANTENNA	TBD	.8" X 2.6Ø	<.2 LBS
1	AIRSPAN AH 1000 REMOTE RADIO HEAD	TBD	21.61" X 5.6" X 8"	24 LBS
1	RAYCAP RSTAC-3111-P-120 AC DISTRIBUTION PANEL	TBD	13.1" X 11.4" X 4.4"	14 LBS
1	HUBBELL HBLDS3 NEMA-4X DISCONNECT SWITCH	TBD	7.62" X 5.12" X 4.12"	TBD

NEW SOUTH ELEVATION

24"x36" SCALE: 1/2" = 1'-0"  
11"x17" SCALE: 1/4" = 1'-0"



EXISTING SOUTH ELEVATION

24"x36" SCALE: 1/2" = 1'-0"  
11"x17" SCALE: 1/4" = 1'-0"

CALIFORNIA  
TRANSMISSION NETWORK

SITE ACQUISITION



2750 Moore Avenue  
Fullerton, CA 92833  
(714) 870-0217

THIS DOCUMENT AND ITS IDEAS AND DESIGNS ARE THE PROPERTY OF SASCO AND SHALL NOT BE USED FOR ANY PROJECT OTHER THAN THE ONE IDENTIFIED HEREIN. THIS DOCUMENT SHALL NOT BE LOANED, TRANSFERRED, OR DISCLOSED TO ANY THIRD PARTY. NOR SHALL IT BE REPRODUCED OR MODIFIED IN ANY WAY WITHOUT THE EXPRESS WRITTEN CONSENT OF SASCO. THIS DOCUMENT (DRAWINGS AND SPECIFICATIONS) IS UNDER PROTECTION OF COPYRIGHT LAWS AND OTHER RESERVED RIGHTS.

A&E SERVICES

DRAWN BY:	SASCO
DATE:	10/08/2015

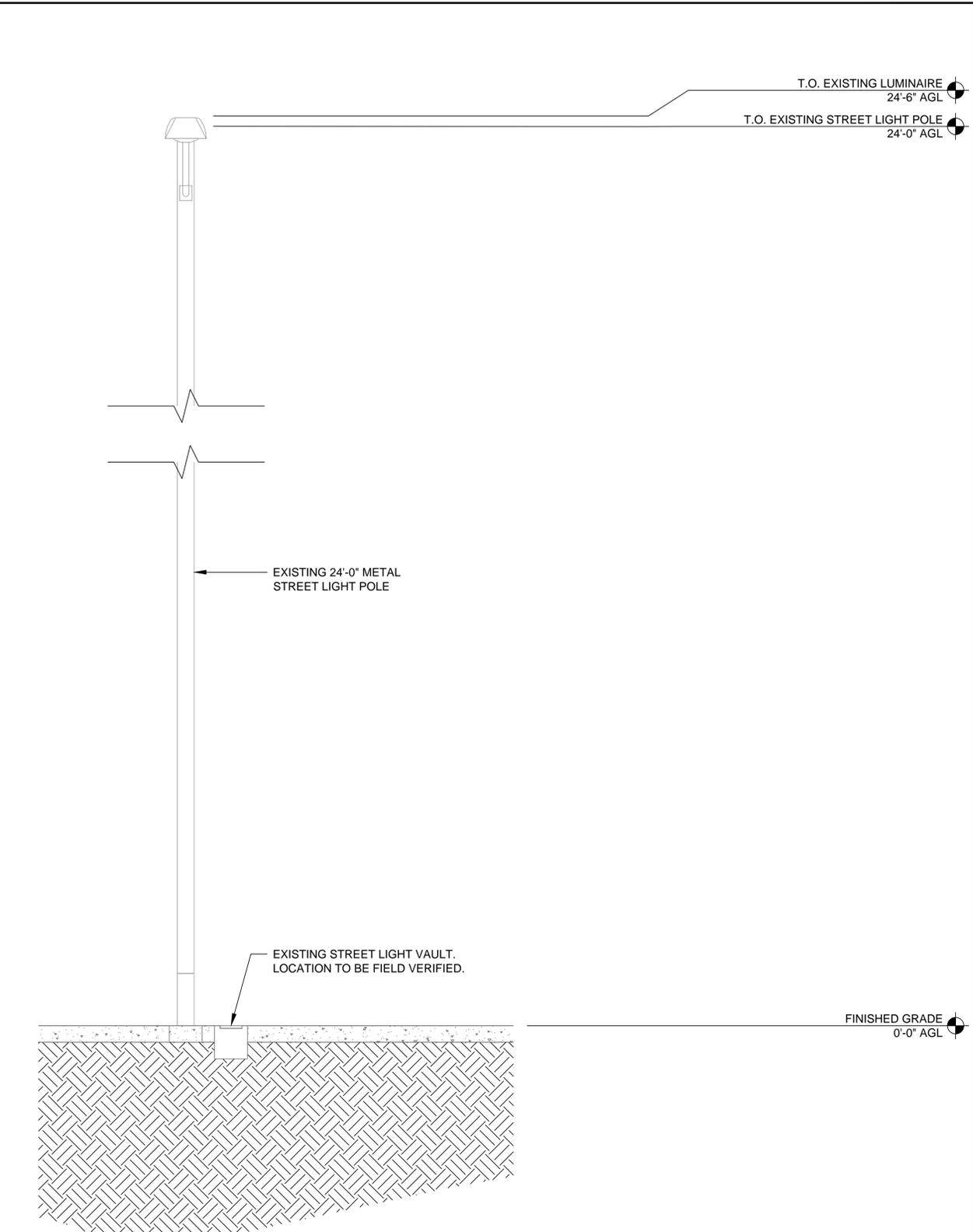
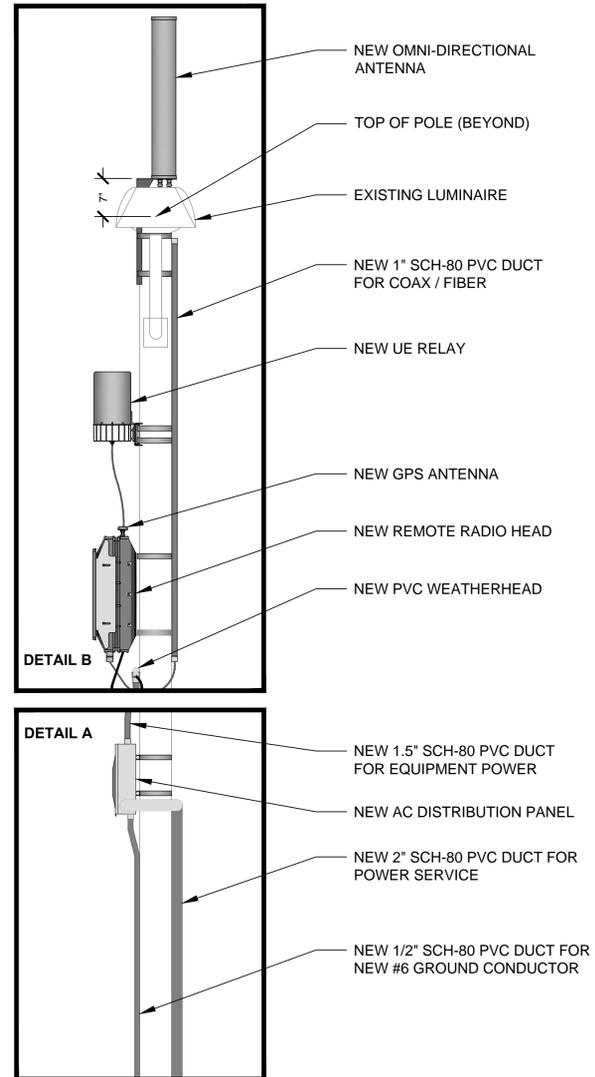
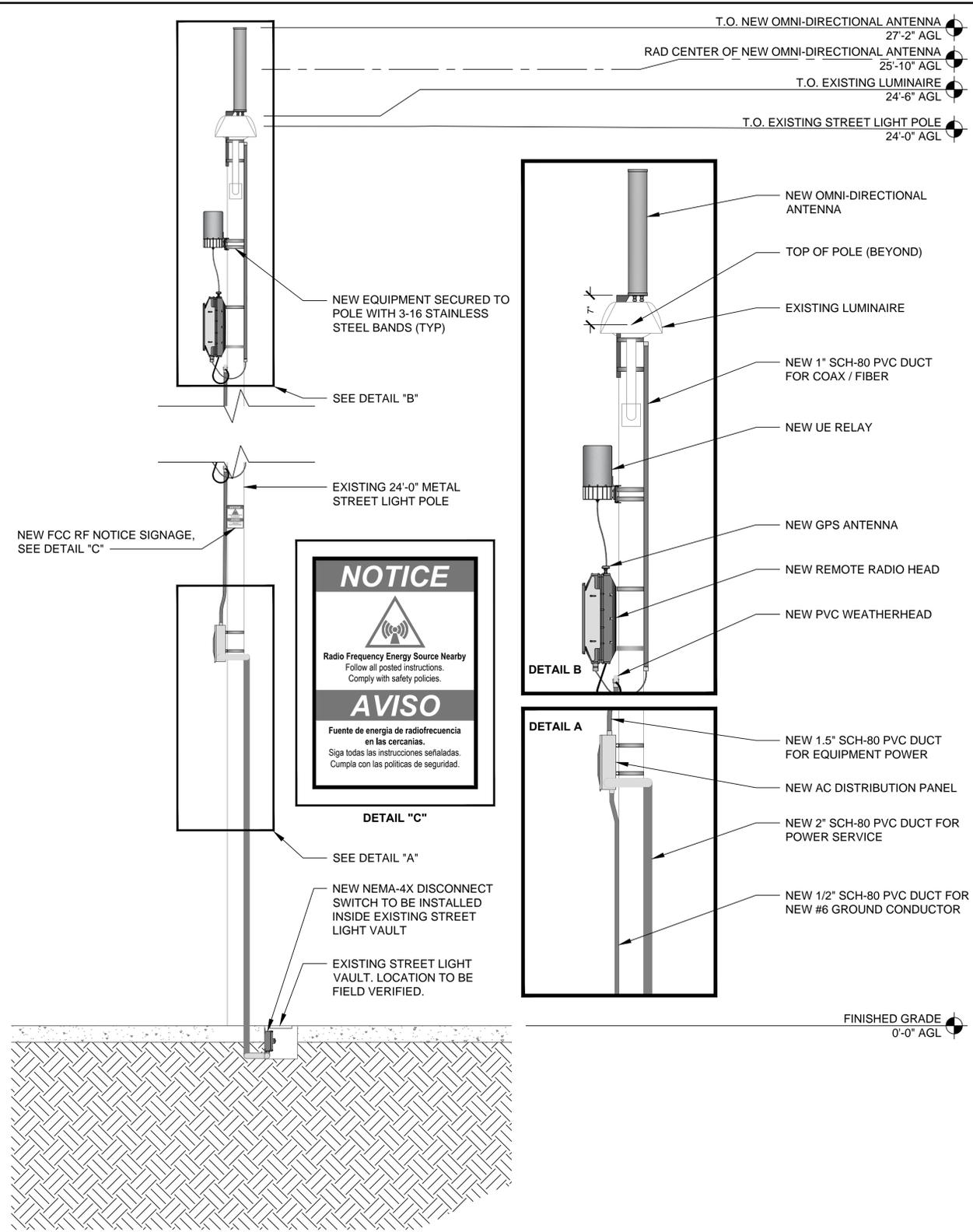
REV	DATE	DESCRIPTION	BY
0	01/18/2016	95% CONSTRUCTION	RY

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**SITE ID:**  
**9CAB009079**  
SITE NAME: SF90XSD35A  
CIROLERO ST. & ESCUELA PKWY.  
MILPITAS, CA 95035  
EXISTING METAL STREET LIGHT

SHEET TITLE  
**EAST  
ELEVATIONS**

SHEET NUMBER  
**A-3**



EQUIPMENT CHART				
QUANTITY	DESCRIPTION	CABLE LENGTH	DIMENSIONS (HxWxD)	WEIGHT
1	ALPHA WIRELESS AW3398 OMNI-DIRECTIONAL ANTENNA	TBD	25.5" X 4.5"Ø	4.6 LBS
1	AIRSPAN IR460 UE RELAY	TBD	13" X 7"Ø	8.8 LBS
1	TALLYSMAN TW3010/TW3012 GPS ANTENNA	TBD	.8" X 2.6Ø	<.2 LBS
1	AIRSPAN AH 1000 REMOTE RADIO HEAD	TBD	21.61" X 5.6" X 8"	24 LBS
1	RAYCAP RSTAC-3111-P-120 AC DISTRIBUTION PANEL	TBD	13.1" X 11.4" X 4.4"	14 LBS
1	HUBBELL HBLDS3 NEMA-4X DISCONNECT SWITCH	TBD	7.62" X 5.12" X 4.12"	TBD

NEW EAST ELEVATION

24"x36" SCALE: 1/2" = 1'-0"  
11"x17" SCALE: 1/4" = 1'-0"



2

EXISTING EAST ELEVATION

24"x36" SCALE: 1/2" = 1'-0"  
11"x17" SCALE: 1/4" = 1'-0"



1

NOT USED

SCALE N.T.S. 9

POLE CLAMP

MANUFACTURER: AIRSPAN  
MODEL: 402-00-328  
(OR APPROVED EQUAL)  
HEIGHT: 4.4 IN  
WIDTH: 4.9 IN  
DEPTH: 1 IN  
WEIGHT: 2 LBS

NOT USED

SCALE N.T.S. 10

AC DISTRIBUTION PANEL

MANUFACTURER: RAYCAP  
MODEL: RSTAC-3111-P-120  
HEIGHT: 13.1 IN  
WIDTH: 11.4 IN  
DEPTH: 4.4 IN  
WEIGHT: 14 LBS

NOT USED

SCALE N.T.S. 11

NOT USED

MANUFACTURER: AIRSPAN  
MODEL: AH 1000  
(OR APPROVED EQUAL)  
HEIGHT: 21.6 IN  
WIDTH: 5.6 IN  
DEPTH: 8 IN  
WEIGHT: 24 LBS  
MOUNT WEIGHT: 2 LBS

SCALE N.T.S. 6

REMOTE RADIO HEAD

MANUFACTURER: TALLYSMAN  
MODEL: TW3010/TW3012  
HEIGHT: .8 IN  
DIAMETER: 2.6 IN

SCALE N.T.S. 7

GPS ANTENNA

MANUFACTURER: HUBBELL  
MODEL: HBLDS3  
(OR APPROVED EQUAL)  
HEIGHT: 7.62 IN  
WIDTH: 5.12 IN  
DEPTH: 4.12 IN  
WEIGHT: TBA

SCALE N.T.S. 8

NEMA-4X DISCONNECT SWITCH

MANUFACTURER: ALPHA WIRELESS  
MODEL: AW3398  
(OR APPROVED EQUAL)  
HEIGHT: 25.5 IN  
DIAMETER: 4.5 IN Ø  
WEIGHT: 4.6 LBS  
MOUNT WEIGHT: 1.1 LB

SCALE N.T.S. 3

OMNI DIRECTIONAL ANTENNA

MANUFACTURER: AIRSPAN  
MODEL: iR460  
(OR APPROVED EQUAL)  
HEIGHT: 13 IN  
DIAMETER: 7 IN Ø  
DEPTH: 7 IN  
WEIGHT: 8.8 LBS

SCALE N.T.S. 4

iRELAY 460 MOUNTING BRACKET

MANUFACTURER: AIRSPAN  
MODEL: MC40200285 OR  
MC40200284  
(OR APPROVED EQUAL)  
HEIGHT: 5.6 IN  
WIDTH: 7.1 IN  
DEPTH: 1.5 IN  
WEIGHT: 2 LBS

SCALE N.T.S. 5

UE RELAY

CALIFORNIA TRANSMISSION NETWORK  
SITE ACQUISITION

SASCO  
2750 Moore Avenue  
Fullerton, CA 92833  
(714) 870-0217

A&E SERVICES

DRAWN BY: SASCO  
DATE: 10/08/2015

REV	DATE	DESCRIPTION	BY
0	01/18/2016	95% CONSTRUCTION	RY

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE ID:  
**9CAB009079**  
SITE NAME: SF90XSD35A  
CIROLERO ST. & ESCUELA PKWY.  
MILPITAS, CA 95035  
EXISTING METAL STREET LIGHT

SHEET TITLE  
**EQUIPMENT  
DETAILS**

SHEET NUMBER  
**D-1**

CALIFORNIA  
TRANSMISSION NETWORK

SITE ACQUISITION

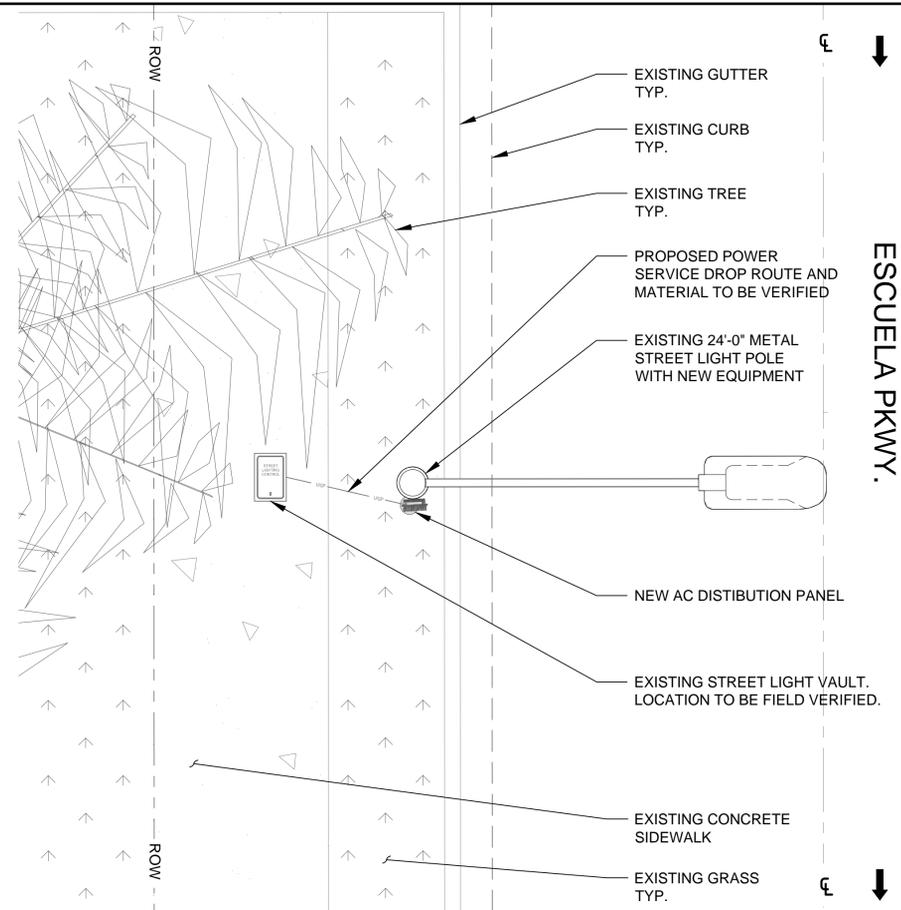


THIS DOCUMENT AND ITS IDEAS AND DESIGNS ARE THE PROPERTY OF SASCO AND SHALL NOT BE USED FOR ANY PROJECT OTHER THAN THE ONE IDENTIFIED HEREIN. THIS DOCUMENT SHALL NOT BE LOANED, REPRODUCED, COPIED, TRANSFERRED, OR DISCLOSED TO ANY THIRD PARTY, NOR SHALL IT BE REPRODUCED OR MODIFIED IN ANY WAY WITHOUT THE EXPRESS WRITTEN CONSENT OF SASCO. THIS DOCUMENT (DRAWINGS AND SPECIFICATIONS) IS UNDER PROTECTION OF COPYRIGHT LAWS AND OTHER RESERVED RIGHTS.

A&E SERVICES

DRAWN BY:	SASCO
DATE:	10/08/2015

REV	DATE	DESCRIPTION	BY
0	01/18/2016	95% CONSTRUCTION	RY

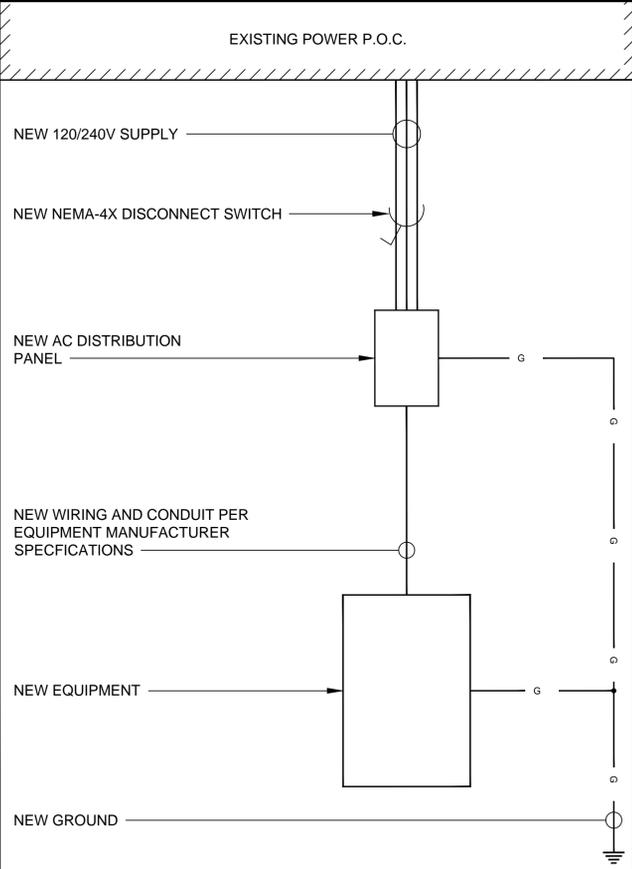


PRELIMINARY UTILITY PLAN

24"x36" SCALE: 3/8" = 1'-0"  
11"x17" SCALE: 3/16" = 1'-0"



1

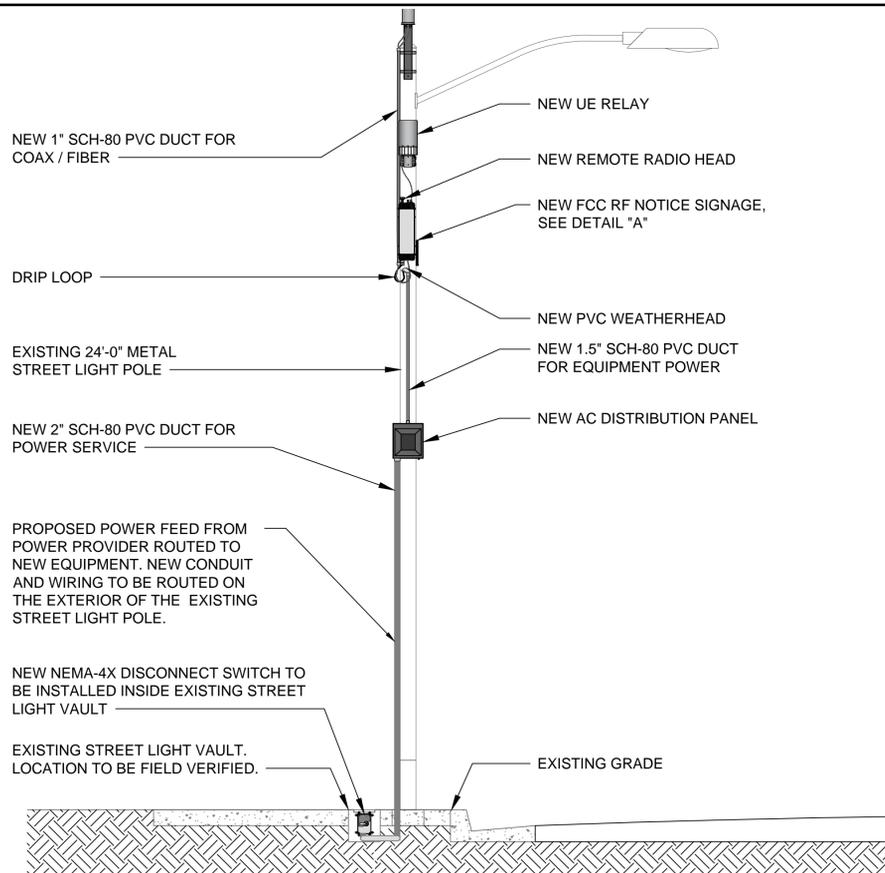


ONE-LINE DIAGRAM

24"x36" SCALE: NTS  
11"x17" SCALE: NTS

3

PRELIMINARY UTILITY ELEVATION - SOUTH



DETAIL A

24"x36" SCALE: 3/8" = 1'-0"  
11"x17" SCALE: 3/16" = 1'-0"



2

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**SITE ID:**  
**9CAB009079**  
SITE NAME: SF90XSD35A  
CIROLERO ST. & ESCUELA PKWY.  
MILPITAS, CA 95035  
EXISTING METAL STREET LIGHT

SHEET TITLE  
**ELECTRICAL PLAN**

SHEET NUMBER  
**E-1**

DRAWN BY:	SASCO
DATE:	10/08/2015

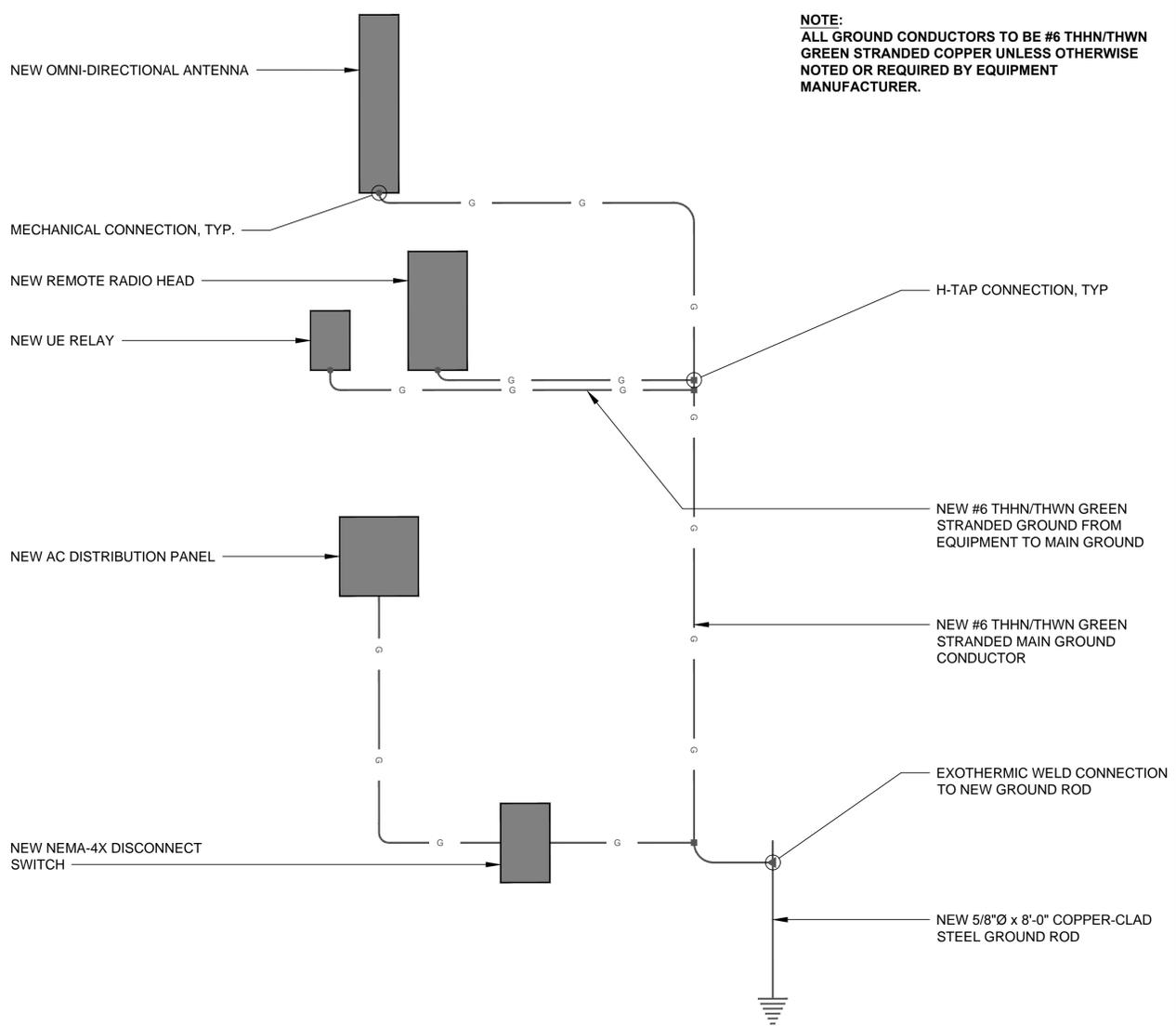
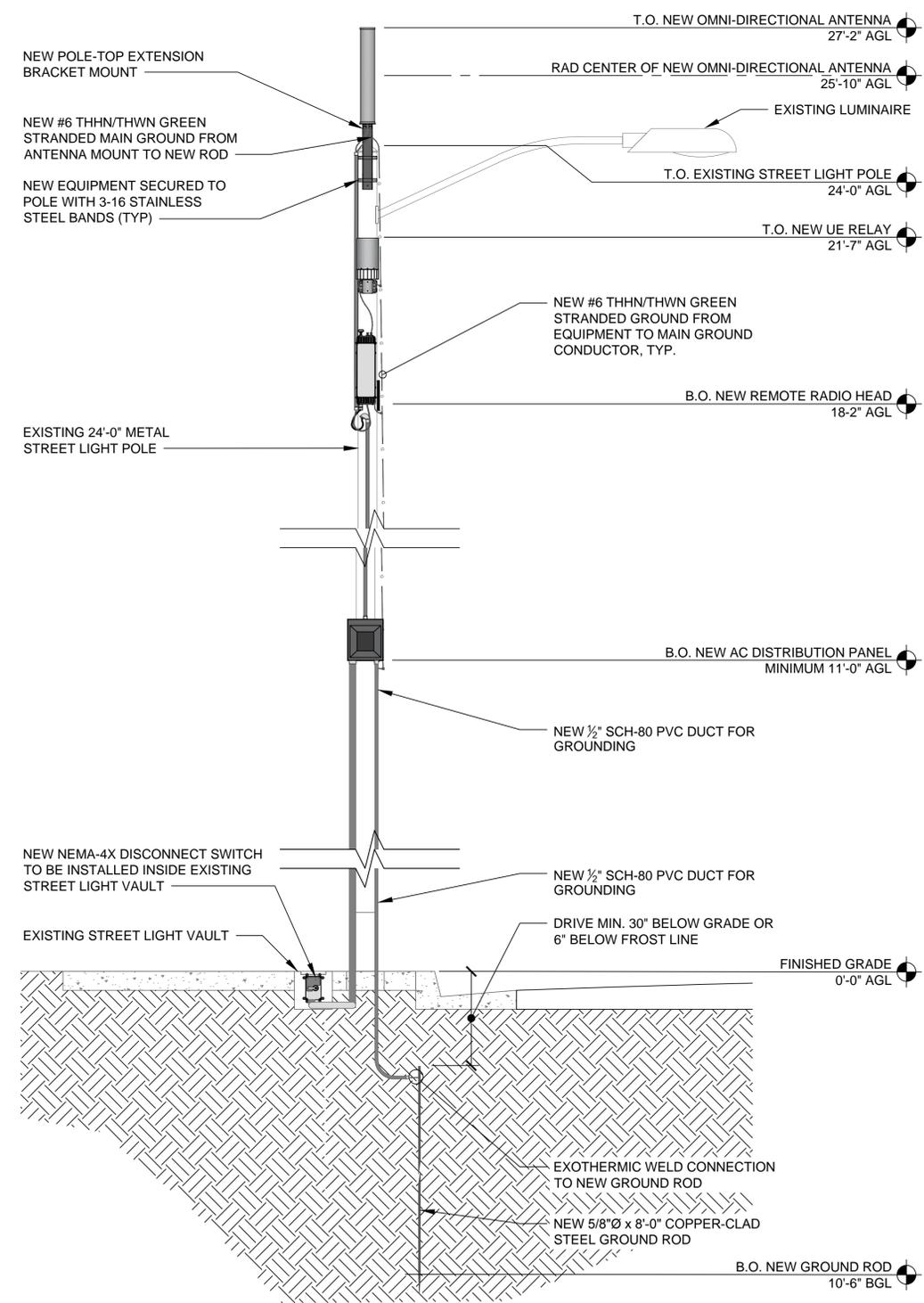
REV	DATE	DESCRIPTION	BY
0	01/18/2016	95% CONSTRUCTION	RY


IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**SITE ID:**  
**9CAB009079**  
SITE NAME: SF90XSD35A  
CIROLERO ST. & ESCUELA PKWY.  
MILPITAS, CA 95035  
EXISTING METAL STREET LIGHT

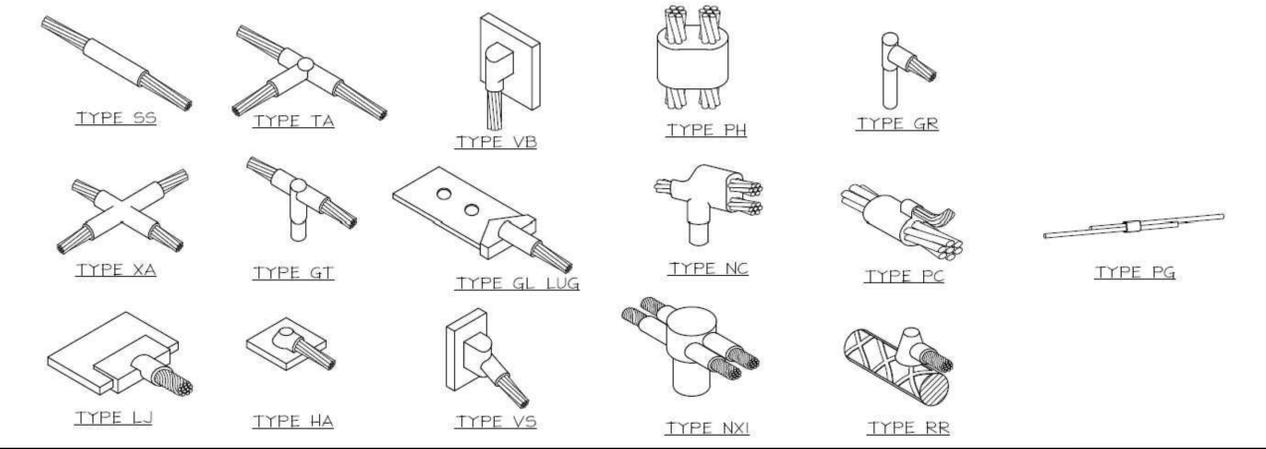
SHEET TITLE  
**GROUNDING PLAN**

SHEET NUMBER  
**G-1**



**NOTE:**  
ALL GROUND CONDUCTORS TO BE #6 THHN/THWN GREEN STRANDED COPPER UNLESS OTHERWISE NOTED OR REQUIRED BY EQUIPMENT MANUFACTURER.

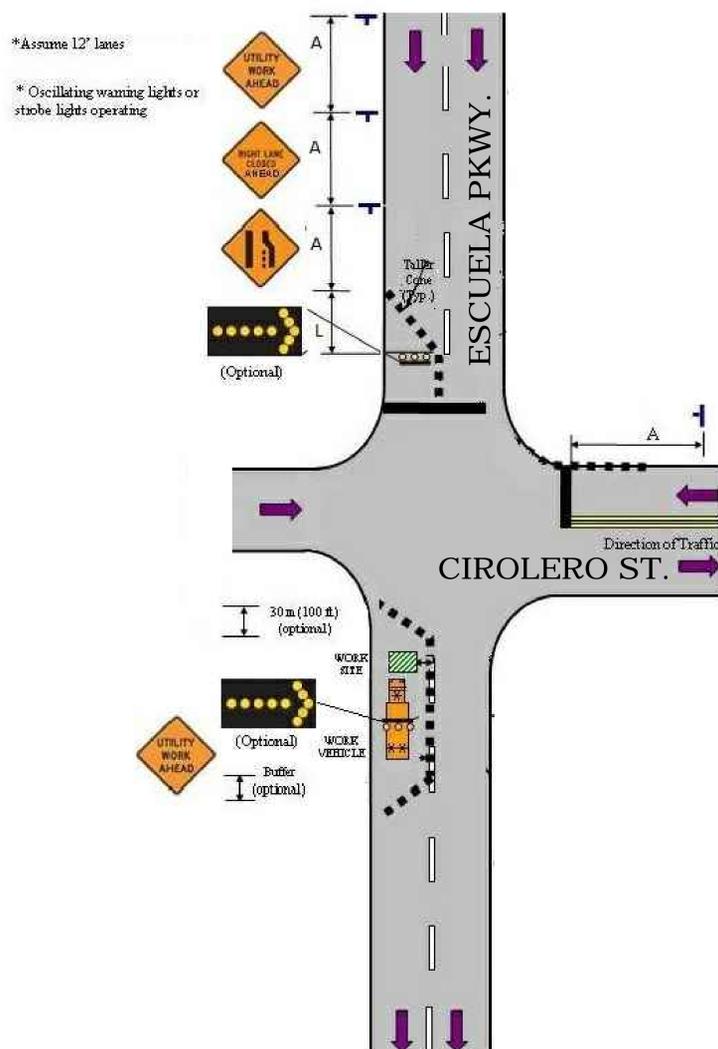
**GROUNDING SCHEMATIC** 24"x36" SCALE: NTS 11"x17" SCALE: NTS **1**



**TYPICAL CADWELD TYPES** 24"x36" SCALE: NTS 11"x17" SCALE: NTS **2**

- GROUND BONDS:** ALL BONDS ARE TO BE MADE WITH #6 AWG STRANDED COPPER IN GREEN INSULATION. (ATT-TP-76416 7, 6.7)
- EXTERIOR UNIT BONDS:** ALL METALLIC OBJECTS SHALL BE BONDED TO THE GROUND ROD. (ATT-TP-76416 7, 12.6)
- GROUND ROD:** UL LISTED COPPER CLAD STEEL GROUND ROD WITH MINIMUM DIAMETER OF 5/8" AND MINIMUM LENGTH OF 8 FEET. ALL GROUND RODS MAY BE INSTALLED WITH INSPECTION SLEEVES. GROUND RODS SHALL BE DRIVEN TO A MINIMUM DEPTH OF 30" BELOW GRADE OR 6 INCHES BELOW FROST LINE. (ATT-TP-76416 1.4 / 2.2, 3, 10)

## Right Lane Closure on Far Side of Intersection



Unit Selected	Feet
A (Distance Between Signs)	100
L (Taper Length)	156
Taper Cone Spacing	25
Tangent Cone Spacing	50

BUFFER SPACE	
Speed (MPH)	Distance (ft.)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730

When Buffer Space cannot be attained due to geometric constraints, the greatest attainable length shall be used, but not less than 200 ft.

### CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA BETWEEN THE CENTERLINE AND A LINE 2' OUTSIDE THE EDGE OF TRAVEL WAY

DISTANCE BETWEEN SIGNS				
Speed (MPH)	Spacing (ft.)			
	A	B	C	D
40 or less	200	200	200	100
41 to 49	350	350	350	175
50 to 54	500	500	500	250
55 or greater	2640	1640	1000	500

- \* "ROAD WORK 1 MILE" sign may be used as an alternate to the "ROAD WORK AHEAD" sign
- \*\* 500' beyond the "ROAD WORK AHEAD" sign or midway between signs, whichever is less
- \*\*\* "BE PREPARED TO STOP" sign may be omitted for speeds of 45 MPH or less

### GENERAL NOTES

1. Work operations shall be confined to one traffic lane, leaving the opposite lane open to traffic.
2. Additional one-way control may be effected by the following means:
  - Flag-carrying vehicle
  - Official vehicle
  - Pilot vehicle
  - Traffic signal
3. The "ONE LANE ROAD" signs are to be fully covered and the "FLAGGER" signs either removed or fully covered when no work is being performed and the roadway is open to two-way traffic
4. When a side road intersects the roadway within the TTC zone, additional TTC devices shall be placed in accordance with applicable TCZ Indexes.
5. The two channelizing devices directly in front of the work area and the one channelizing device directly at the end of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
6. For general TCZ requirements and additional information, refer to MUTCD.

### DURATION NOTES

1. "ROAD WORK AHEAD" and the "BE PREPARED TO STOP" signs may be omitted if all of the following conditions are met:
  - a. Work operations are 60 minutes or less
  - b. Speed limit is 45 MPH or less
  - c. No sight obstructions to vehicles approaching the work area for a distance equal to the buffer space
  - d. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating
  - e. Volume and complexity of the roadway has been considered

### LEGEND

- CHANNELIZING DEVICE
- † SIGN
- ▨ WORK SPACE
- 🚧 FLAGGER
- ➡ DIRECTION OF TRAFFIC

CALIFORNIA  
TRANSMISSION NETWORK

SITE ACQUISITION

**SASCO**  
2750 Moore Avenue  
Fullerton, CA 92833  
(714) 870-0217

THIS DOCUMENT AND ITS IDEAS AND DESIGNS ARE THE PROPERTY OF SASCO AND SHALL NOT BE USED FOR ANY PROJECT OTHER THAN THE ONE IDENTIFIED HEREIN. THIS DOCUMENT SHALL NOT BE LOANED, REPRODUCED, COPIED, TRANSFERRED, OR DISCLOSED TO ANY THIRD PARTY, NOR SHALL IT BE REPRODUCED OR MODIFIED IN ANY WAY WITHOUT THE EXPRESS WRITTEN CONSENT OF SASCO. THIS DOCUMENT (DRAWINGS AND SPECIFICATIONS) IS UNDER PROTECTION OF COPYRIGHT LAWS AND OTHER RESERVED RIGHTS.

A&E SERVICES

DRAWN BY:	SASCO
DATE:	10/08/2015

REV	DATE	DESCRIPTION	BY
0	01/18/2016	95% CONSTRUCTION	RY

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**SITE ID:**  
**9CAB009079**  
SITE NAME: SF90XSD35A  
CIROLERO ST. & ESCUELA PKWY.  
MILPITAS, CA 95035  
EXISTING METAL STREET LIGHT

SHEET TITLE  
**TRAFFIC CONTROL PLAN**

SHEET NUMBER  
**TC-1**