

ALAMAR AVONDALE BLVD STREET LIGHT IMPROVEMENTS

DEVELOPER

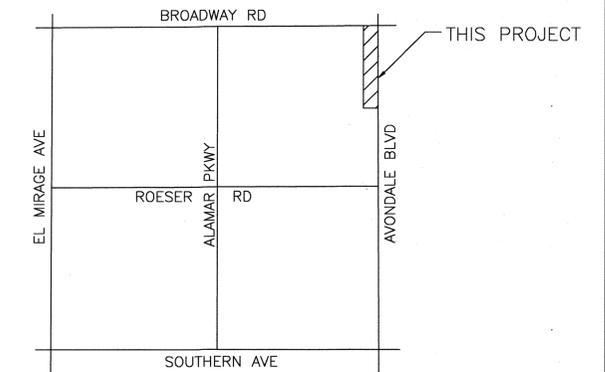
BROOKFIELD RESIDENTIAL
14646 N. KIERLAND BLVD, SUITE 165
SCOTTSDALE, AZ 85254
PHONE: (602) 903-7509
CONTACT: ROGER THEIS

ELECTRICAL ENGINEER

WRIGHT ENGINEERING CORPORATION
165 EAST CHILTON DRIVE
CHANDLER, ARIZONA 85225
PHONE: (480) 497-5829
FAX: (480) 497-5807
CONTACT: ADAM BOWERS

CIVIL ENGINEER

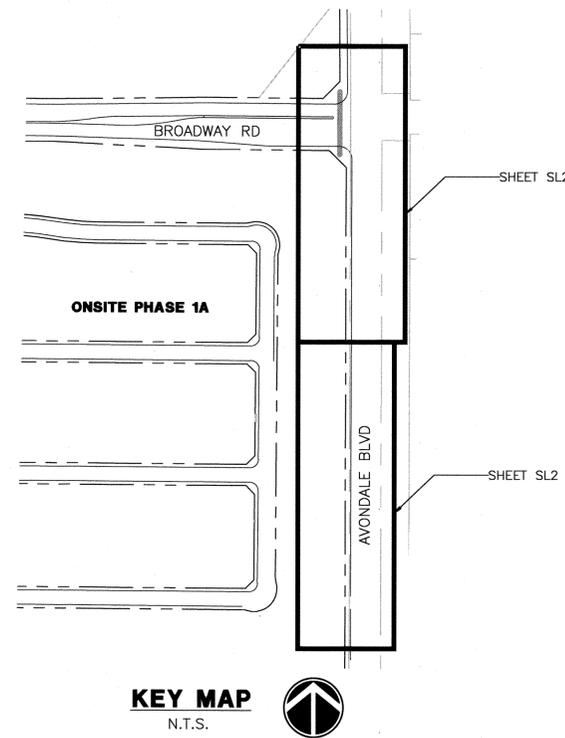
WOOD, PATEL & ASSOCIATES, INC
2051 WEST NORTHERN AVE, SUITE 100
PHOENIX, ARIZONA 85021
PHONE: (602) 335-8500
CONTACT: FRANK KOO, P.E.



VICINITY MAP
N.T.S.

SHEET INDEX:

| | |
|-----------|---------------------|
| SHEET SL1 | COVER SHEET |
| SHEET SL2 | STREET LIGHT DESIGN |
| SHEET SL3 | DETAIL SHEET |
| SHEET PH1 | PHOTOMETRICS |



KEY MAP
N.T.S.

BENCHMARK

BRASS CAP IN HAND HOLE AT
MCDOWELL ROAD AND AVONDALE
BOULEVARD AT THE NEC OF
SECTION 1, T1N, R1W, CNR
54000-1, ELEVATION 1000.426
(NAVD 88) AS SHOWN IN BOOK
694, PAGE 38, MCR.
DATE SHOT: 01/2007

UTILITY CONFLICT NOTIFICATION

THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES. WHERE THE WORK TO BE DONE CONFLICTS WITH ANY OF THESE UTILITIES, THE CONFLICTS SHALL BE RESOLVED AS SPECIFIED IN THE SPECIAL NOTES AND/OR AS OTHERWISE NOTED ON THESE PLANS. CONFLICTS ARISING DURING THE COURSE OF CONSTRUCTION FROM UNFORESEEN CIRCUMSTANCES SHALL BE REPORTED TO THE INTERESTED UTILITY COMPANY AND BE RESOLVED BY THEM AND THE DESIGN ENGINEER.

| | | |
|-------------------------------|--|------------------|
| SALT RIVER PROJECT POWER | CRAIG EITEL COMPANY REPRESENTATIVE | 10/12/18 DATE |
| ARIZONA PUBLIC SERVICE | KATHY GARCIA COMPANY REPRESENTATIVE | 10/12/18 DATE |
| CENTURY LINK | CHRIS LERTIQUE COMPANY REPRESENTATIVE | 10/12/18 DATE |
| COX COMMUNICATIONS | LIN MORRIL COMPANY REPRESENTATIVE | 10/12/18 DATE |
| SOUTHWEST GAS | SUE NEWSOM COMPANY REPRESENTATIVE | 10/12/18 DATE |
| S.R.V.W.U.A. | BOB MAURER COMPANY REPRESENTATIVE | 10/12/18 DATE |
| ROOSEVELT IRRIGATION DISTRICT | STAN ASHBY COMPANY REPRESENTATIVE | 10/12/18 DATE |
| EL PASO NATURAL GAS | RON BROWN COMPANY REPRESENTATIVE | 10/12/18 DATE |

AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE "AS-BUILT" MEASUREMENTS AS SHOWN OR NOTED HEREON WERE MADE BY MYSELF OR UNDER MY SUPERVISION AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SIGNATURE _____ DATE _____ REGISTRATION NUMBER _____

NAME/COMPANY:
ADDRESS:
CITY/STATE/ZIP CODE:
PHONE:

APPROVED BY:

J. Bowers 2-27-19
DEVELOPMENT SERVICES AND ENGINEERING DEPARTMENT DATE
THE CITY APPROVES THESE PLANS FOR CONCEPT ONLY AND ACCEPTS NO LIABILITY FOR ERRORS OR OMISSIONS.
11465 W. CIVIC CENTER DR.
SUITE 120
AVONDALE, AZ 85323
PHONE: (623) 333-4200
FAX: (623) 333-0420

| QUANTITIES LIST (STREET LIGHTS) | | |
|---------------------------------|------|-----------------------------------|
| TOTAL | UNIT | DESCRIPTION |
| 6 | EACH | 133W LED WITH 40' MOUNTING HEIGHT |

WRIGHT ENGINEERING
PROJECT NO:
18184
DESIGN BY: NBG
DRAWN BY: NBG
CHECKED BY: AMB

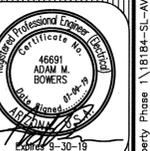
WRIGHT
engineering corporation
ELECTRICAL ENGINEERING AND DESIGN
165 EAST CHILTON DRIVE, CHANDLER, ARIZONA 85225
PHONE: 480.497.5829 • FAX: 480.497.5807
www.wrightengineering.us

PROJECT: TITLE:

AVONDALE, ARIZONA
ALAMAR
AVONDALE BLVD
STREET LIGHT PLAN

NO. DATE SUBMITTALS/REVISIONS (DESCRIPTIONS)

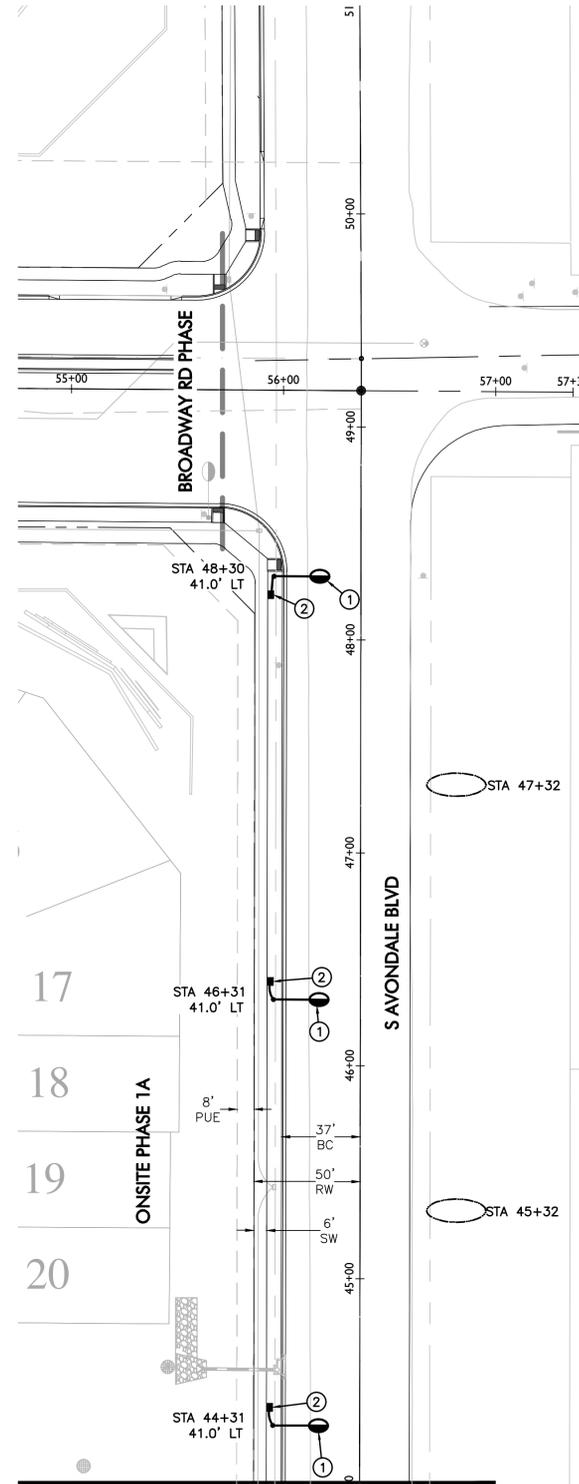
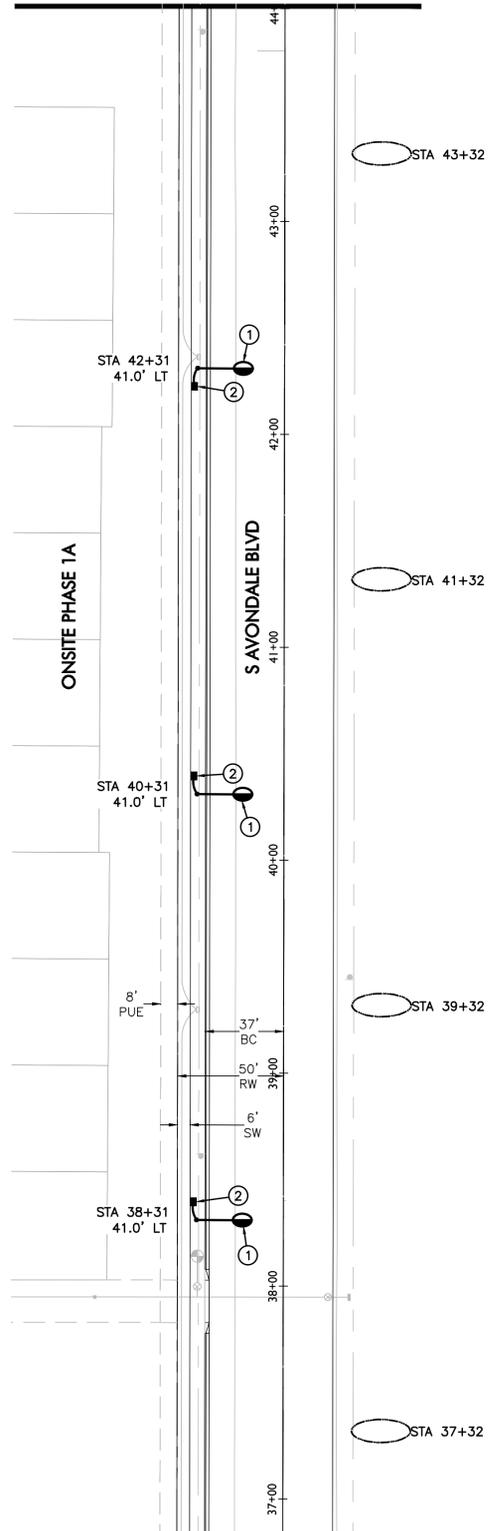
| | | |
|---|----------|---------------|
| 1 | AUG 2018 | 1ST SUBMITTAL |
| 2 | OCT 2018 | 2ND SUBMITTAL |



DRAWING NO:
SL1
OF 4

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MATCHLINE 'A'
SEE BELOW RIGHT



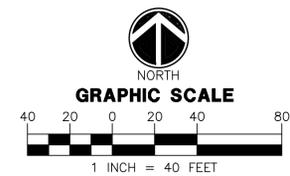
MATCHLINE 'A'
SEE ABOVE LEFT

CONSTRUCTION NOTES

- ① INSTALL (1) 133W LED 15,700 LUMEN, TYPE III, 4000K, BRONZE LUMINAIRE (ACUITY CAT# ATBM/F/MVOLT/R3/BZ/MP/NL/P7) WITH A 7-PRONG PECR (SEE PHOTOCCELL SPECIFICATION) ON A 32'-0" POLE (DETAIL A1784-2) WITH A 8'X8" MAST ARM (DETAIL A1784-3). FOUNDATION PER DETAIL A1784-1. POLE SHALL BE CENTERED PER OFFSET ON PLAN. INSTALL 2-#12 AWG TYPE THHN/THWN CONDUCTORS WITH 1-#12 BOND IN STREET LIGHT POLE FROM BUSSMAN FUSE HOLDER IN PULL BOX TO LUMINAIRE (DETAIL A1791) DETAILS ON SHEET SL3.
- ② INSTALL PULL BOX PER UTILITY REQUIREMENTS DETAIL A1790 ON SHEET SL3. INSTALL 1" PVC SCH 40 SWEEP TO PULL BOX WITH 2-#12 AWG TYPE THHN/THWN CONDUCTORS AND 1-#12 COPPER BOND, AND 1-#6 COPPER BOND (FOR GROUNDING) FROM PULL BOX TO POLE HAND HOLE, PER UTILITY REQUIREMENTS. USE ONLY MATERIAL SUITABLE FOR TERMINATING ALUMINUM AND COPPER WIRING WHERE APPLICABLE.

LEGEND

- 133W LED 15,700 LUMEN STREET LIGHT WITH 40' MOUNTING HEIGHT.
- STREET LIGHT PER ADJACENT PHASE
- NEW STREET LIGHT CONDUIT
- PULL BOX
- FIRE HYDRANT
- FUTURE LIGHT



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS BEFORE YOU DIG
Dial 811 or 602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)

WRIGHT ENGINEERING
PROJECT NO:
18184
DESIGN BY: NBG
DRAWN BY: NBG
CHECKED BY: AMB

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|-----|----------|-------------------------------------|
| 1 | AUG 2018 | 1ST SUBMITTAL |
| 2 | OCT 2018 | 2ND SUBMITTAL |



DRAWING NO:
SL2
OF 4

H:\2018\18184-Locn Property Phase 1\18184-SL-AVONDALE.dwg

