

APPLEBY ROAD

### GENERAL NOTES - SITE

- REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND COMPLETE CONTRACTUAL OBLIGATIONS.
- ELECTRICAL CONTRACTOR SHALL CONTACT TELEPHONE COMPANY REGARDING EXACT LOCATION OF ALL PRIMARY SERVICE EQUIPMENT, TRENCH LOCATION, ETC.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY TELEPHONE TRENCHING, BACKFILL, AND CONDUIT STUBS INTO TRENCH AS REQUIRED BY TELEPHONE COMPANY AND TO THEIR SPECIFICATIONS.
- ALL WIRING FOR OUTSIDE LIGHTING SHALL BE A MINIMUM OF #10 COPPER WITH TYPE THWN INSULATION. RUN UNDERGROUND CIRCUITS IN P.V.C. AND PROVIDE A #10 COPPER BOND IN ADDITION TO CIRCUIT CONDUCTORS. UNDERGROUND WIRING SHALL COMPLY WITH APPLICABLE CODES OF THE NEC.
- ELECTRICAL CONTRACTOR SHALL PROVIDE NECESSARY SECONDARY CONDUCTORS, POWER TRENCHING, BACKFILL AND CONCRETE PADS FOR TRANSFORMERS AND SERVICE EQUIPMENT. ADDITIONALLY PROVIDE CONDUIT STUBS INTO TRENCH PER POWER COMPANY SPECIFICATIONS AND REQUIREMENTS.
- ALL WIRING SHALL BE COPPER. WIRING #4 AWG AND LARGER SHALL BE XHHW TYPE INSULATION.

### UTILITY COMPANY NOTES

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH SERVING UTILITY COMPANY AND THEIR SPECIFIC REQUIREMENTS WITHIN (5) DAYS OF AWARD OF CONTRACT.
- PROVIDE SERVING UTILITY COMPANY WITH ONE (1) FULL SET OF PLANS INCLUDING SITE PLAN, ONE-LINE DIAGRAM, AND TOTAL LOAD SUMMARY.
- CONFIRM ALL UTILITY COMPANY REQUIREMENTS PRIOR TO TRENCHING.
- CONTRACTOR SHALL COORDINATE WITH SERVING UTILITY COMPANY IF AN UPGRADE IS REQUIRED TO UTILITY TRANSFORMER OR SECONDARY CONDUIT AND CONDUCTORS.
- CONTRACTOR SHALL COORDINATE EXACT COSTS (PER AMP CHARGE, ECT.) OF ANY ADDITIONAL WORK WITH SERVING UTILITY COMPANY PRIOR TO START OF CONSTRUCTION.

**UTILITY COMPANY CONTACT**  
 Power Company:  
 SRP  
 Representative:  
 NEW CONSTRUCTION  
 Telephone #:  
 (602) 236-8833

**PRIOR TO ANY GROUND EXCAVATION CALL**  
**BLUE STAKE**  
 (602) 263-1100  
 (800) 782-5348

### KEYED NOTES

- SERVICE ENTRANCE SECTION SEE ONE-LINE DIAGRAM, SHEET E4.0, FOR ADDITIONAL INFORMATION.
- NEW PAD AND NEW PAD MOUNTED TRANSFORMER. VERIFY EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH SERVING UTILITY COMPANY.
- UNDERGROUND SECONDARY CONDUITS SEE ONE-LINE DIAGRAM, SHEET E4.0 FOR SIZES & QUANTITIES.
- UNDERGROUND PRIMARY CONDUITS TO UTILITY COMPANY PAD MOUNTED TRANSFORMER. COORDINATE EXACT QUANTITY, SIZE AND ROUTING WITH UTILITY CO.
- APPROXIMATE LOCATION OF 4'x8'x3/4" PLYWOOD TELEPHONE MOUNTING BOARD WITH 1 #6 GROUND TO DESIGNATED SERVICE ENTRANCE GROUND BUS. VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
- PROVIDE (2) 2" AND (2) 4" UNDERGROUND COMMUNICATION SYSTEM EMPTY CONDUITS WITH PULLSTRING AND RIGID STEEL BENDS PER COX TELEPHONE COMPANY. COORDINATE EXACT TRENCHING, ROUTING AND POINT OF TERMINATION WITH TELEPHONE COMPANY.

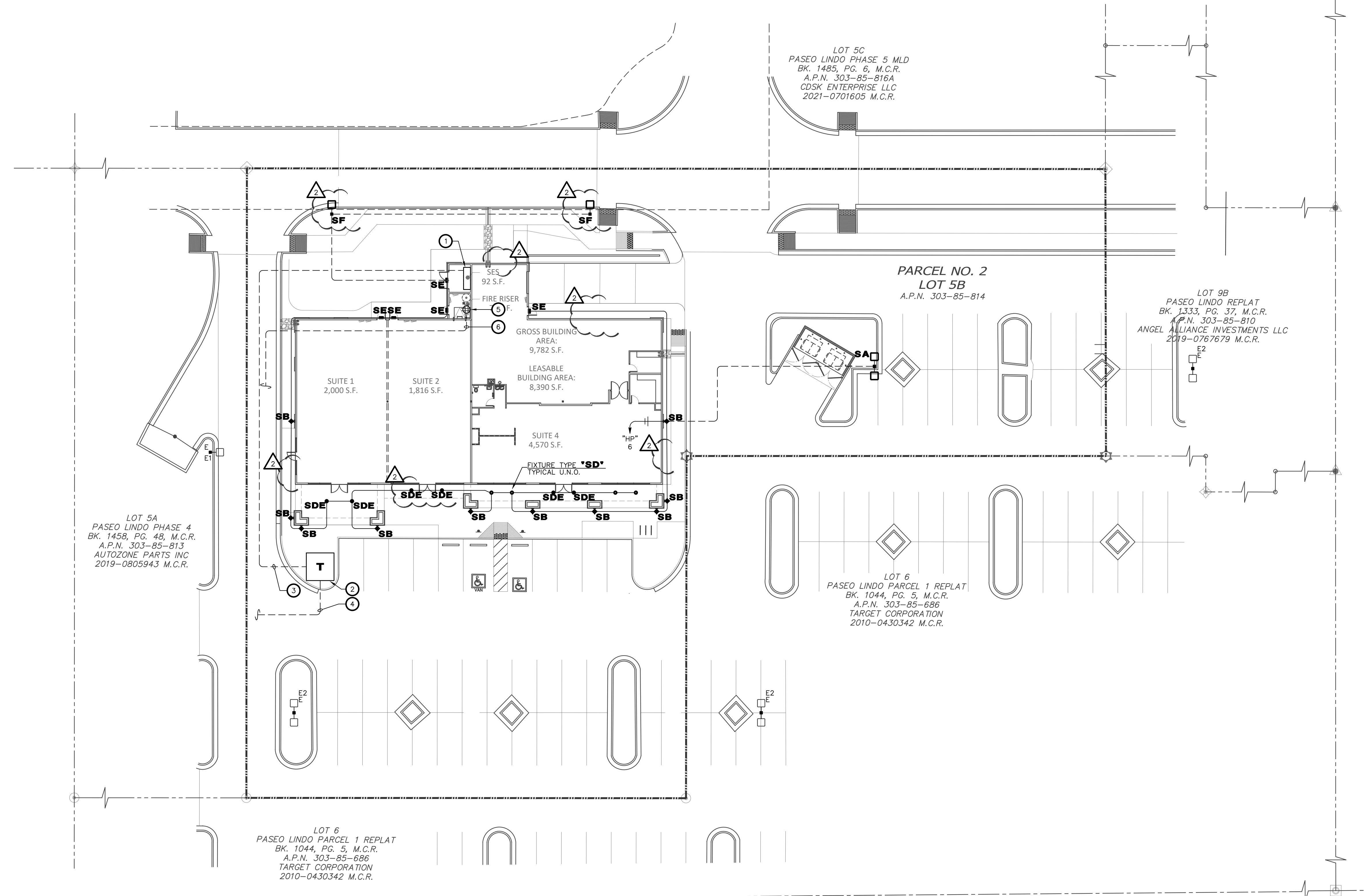
NOTE:  
 REFER TO SHEET ES2.0 FOR SITE LIGHTING FIXTURE SCHEDULE.

NOTE:  
 IN LIEU OF DIMMING LIGHTING CONTROL PANEL, LIGHT FIXTURES ARE EQUIPPED WITH INTEGRAL PHOTOCELL/MOTION SENSOR. STEP DIM BY NO LESS THAN 50% WHEN NO MOTION IS DETECTED FOR MORE THAN 15 MINUTES. EXTERIOR LIGHTING TO COMPLY WITH IECC 2021 C405.2.7.3 EXTERIOR LIGHTING CONTROLS.

NOTE:  
 PER 2021 IECC C405.2.7.3, EXTERIOR LIGHTING SHALL BE CONTROLLED SO THAT TOTAL WATTAGE IS AUTOMATICALLY REDUCED BY NOT LESS THAN 50% BY SELECTIVELY SWITCHING OF OR DIMMING LUMINAIRES AT ONE OF THE FOLLOWING TIMES:  
 1. FROM NO LATER THAN MIDNIGHT TO NOT EARLIER THAN 6a.m.  
 2. FROM NO LATER THAN ONE HOUR AFTER BUSINESS CLOSING TO NOT EARLIER THAN ONE HOUR BEFORE BUSINESS OPENING.  
 3. DURING ANYTIME WHERE ACTIVITY HAS NOT BEEN DETECTED FOR 15 MINUTES.

LUMINAIRES SERVING OUTDOOR PARKING AREAS AND HAVING A RATED INPUT WATTAGE OF GREATER THAN 78 WATTS AND MOUNTING HEIGHT OF 24' OR LESS ABOVE GROUND SHALL BE CONTROLLED SO THAT TOTAL WATTAGE OF SUCH LIGHTING IS AUTOMATICALLY REDUCED BY NOT LESS THAN 50% DURING ANY TIME WHERE ACTIVITY HAS NOT BEEN DETECTED FOR 15 MINUTES OR MORE. NOT MORE THAN 1,500 WATTS TO BE CONTROLLED TOGETHER PER IECC 2021 C405.7.3(2).

NOTE: ALL EXTERNAL LIGHTING SHALL BE LOCATED AND DESIGNED TO PREVENT RAYS FROM BEING DIRECTED OFF OF THE PROPERTY UPON WHICH THE LIGHTING IS LOCATED.



PARCEL NO. 2  
 LOT 5B  
 A.P.N. 303-85-814

LOT 5C  
 PASEO LINDO PHASE 5 MLD  
 BK. 1485, PG. 6, M.C.R.  
 A.P.N. 303-85-816A  
 CDSK ENTERPRISE LLC  
 2021-0701605 M.C.R.

LOT 9B  
 PASEO LINDO REPLAT  
 BK. 1333, PG. 37, M.C.R.  
 A.P.N. 303-85-810  
 ANGEL ALLIANCE INVESTMENTS LLC  
 2019-0767679 M.C.R.

LOT 6  
 PASEO LINDO PARCEL 1 REPLAT  
 BK. 1044, PG. 5, M.C.R.  
 A.P.N. 303-85-686  
 TARGET CORPORATION  
 2010-0430342 M.C.R.

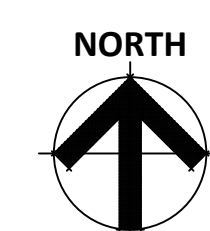
LOT 5A  
 PASEO LINDO PHASE 4  
 BK. 145B, PG. 48, M.C.R.  
 A.P.N. 303-85-813  
 AUTOZONE PARTS INC  
 2019-0805943 M.C.R.

LOT 6  
 PASEO LINDO PARCEL 1 REPLAT  
 BK. 1044, PG. 5, M.C.R.  
 A.P.N. 303-85-686  
 TARGET CORPORATION  
 2010-0430342 M.C.R.

OCOTILLO ROAD  
 (BASIS OF BEARINGS)

### ELECTRICAL SITE PLAN

1" = 20'-0"



**IRKAA**  
 ARCHITECTS  
 2333 EAST THOMAS ROAD, PHOENIX, ARIZONA 85016  
 602-955-3900



09.18.24 CITY COMMENTS  
 ELECTRICAL SITE PLAN

NOTICE OF ALTERNATE BILLING OR PAYMENT CYCLE:  
 THIS CONTRACT MAY ALLOW THE OWNER TO REQUIRE THE CONTRACTOR TO BILL IN 15 DAY CYCLES INSTEAD OF THE 30 DAY CYCLES OTHER THAN THIRTY DAYS. THIS CONTRACTOR MAY ALLOW OWNER TO MAKE PAYMENT CERTIFICATION AND APPROVAL OF BILLING AND ESTIMATES. A WRITTEN RECORD OF ANY OTHER BILLING CYCLE APPLICABLE TO THE PROJECT IS AVAILABLE FROM OWNER OR DESIGN AGENT.

NEW COMMERCIAL PAD  
 PAD 5B AT PASEO LINDO SHOPPING CENTER  
 NEC OF ARIZONA AVE AND OCOTILLO RD.  
 CHANDLER, AZ  
**CONSTRUCTION SET\_11-12-24**

design by: MA  
 drawn by: MA  
 checked by: AG

**ES1.0**  
 project #: 23057

**DESIGN CODES**  
 IECC, 2021    NEC, 2020

**ELECTRICAL CONTRACTOR SHALL NOTIFY DESIGNER/ENGINEER PRIOR TO ANY DEVIATION FROM THIS SET OF ELECTRICAL DESIGN PLANS. ANY CHANGES TO THE DESIGN, IF APPROVED BY ENGINEER, WILL REQUIRE REVISIONS TO PLANS AND POSSIBLE ADDITIONAL SERVICE FEE.**

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 Project # 24197  
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IF DRAWING IS NOT PLOTTED AT 24"x36" THEY ARE NOT FULL SIZE

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