GENERAL NOTES

(TYPICAL) CONDUIT DEPTH SHALL BE A MINIMUM 3'-6" BFG (I.E. BELOW FROSTLINE) U.O.N., COORDINATE DEPTH WITH PAVING DETAILS.

REFER TO SITE-CIVIL DRAWINGS FOR TELEPHONE AND COMMUNICATIONS COMPANY CONTACT INFORMATION

USE RIGID GALVANIZED SLEEVES UNDER VEHICLE TRAFFIC AREAS. EXTEND SLEEVES 5'-0" BEYOND THE PAVED VEHICLE TRAFFIC AREAS.

CONTRACTOR SHALL FIELD COORDINATE (ON-SITE) PRIOR TO CONSTRUCTION WITH ELECTRIC UTILITY, TELEPHONE UTILITY AND CABLE TV UTILITY TO FIELD COORDINATE EXACT UTILITY REQUIREMENTS.

ROUTINGS ARE DIAGRAMMATIC. FIELD COORDINATE EXACT ROUTINGS WITH SITE CIVIL CONTRACTOR, PRIOR TO CONSTRUCTION, TO AVOID UNDERGROUND UTILITIES, OBSTACLES, ETC. AS REQUIRED.

REFER TO SITE CIVIL PLANS FOR UNDERGROUND UTILITIES, PIPING, STRUCTURES, RIGHT OF WAYS, PROPERTY LINES, ETC. CONTRACTOR SHALL PATCH AND REPAIR ALL SURFACES DISTURBED TO MATCH NEW, ADJACENT SURFACES UNLESS OTHERWISE NOTED. FIELD COORDINATE UNDERGROUND ROUTINGS WITH STIE CIVIL CONTRACTOR, PRIOR TO CONSTRUCTION, TO MINIMIZE PATCH AND REPAIR WORK.

BURY GROUNDING ELECTRODE CABLE A MINIMUM OF 30" B.F.G. PER NEC.

BURY COMMUNICATIONS CONDUITS A MINIMUM OF 3'-0" BFG (I.E. BELOW FROSTLINE) U.O.N.

PRIOR TO CONSTRUCTION, COORDINATE WITH CIVIL CONTRACTOR WHERE NECESSARY TO PROVIDE FINAL GRADING COVER AT POLE BASE FOUNDATIONS, BURIED CONDUITS, ETC. FOR SUFFICIENT GROUND COVER WHERE TOPOGRAPHY DROPS OFF STEEPLY AT EDGES OF ROADWAYS FOR DETENTION BASINS, ETC.

ORIENT LIGHTING POLES HANDHOLES ON THE OPPOSITE SIDE (NON-TRAFFIC SIDE) OF PAVED ROADWAYS/PARKING AREAS U.O.N.

CONTRACTOR SHALL USE LONG RADIUS BENDS FOR ALL COMMUNICATION/SECURITY ELECTRONICS (I.E. FIBER OPTIC CABLING) CONDUITS. MINIMIZE BENDS BETWEEN PULL POINTS TO NO MORE THAN THREE (3) 90 DEGREE BENDS; COORDINATE/COMPLY WITH CABLING MANUFACTURERS PULLING TENSION REQUIREMENTS PRIOR TO INSTALLATION.

KEYED NOTES

1. PROVIDE MINIMUM 1"C TO ACCOMMODATE A DEDICATED 208/240V "EV CAPABLE". THE PANEL SHALL PROVIDE THE CAPACITY TO INSTALL A 40-AMPERE MINIMUM. THE INSTALLATION OF "EV CAPABLE", INCLUDING THE WIRING CIRCUIT BREAKER SIZE, CONFIGURATION OF RECEPTACLE, AND FINAL TERMINATION SHOULD BE PROVIDED BY THE CONTRACTOR.
2. PROVIDE MINIMUM 1"C, 2#8 + 1#10 GND TO ACCOMMODATE A DEDICATED 208/240V EV READY. REFER TO MANUFACTURER SPEC SHEET FOR EXACT WIRE SIZE, BREAKER SIZE, AND ALL ELECTRICAL REQUIREMENTS.
3. PROVIDE MINIMUM 1"C, 2#8 + 1#10 GND TO ACCOMMODATE A DEDICATED 208/240V EV CHARGER. REFER TO MANUFACTURER SPEC SHEET FOR EXACT WIRE SIZE, BREAKER SIZE, AND ALL ELECTRICAL/DATA REQUIREMENTS.
4. DENOTES APPROXIMATE LOCATION OF JUNCTION BOX OR CHRISTY N09 PULL BOX FOR CONNECTION TO GATE MOTOR/CALL POST. VERIFY EXACT LOCATION WITH ARCHITECTURAL PLANS AND OWNER BEFORE ROUGH-IN.

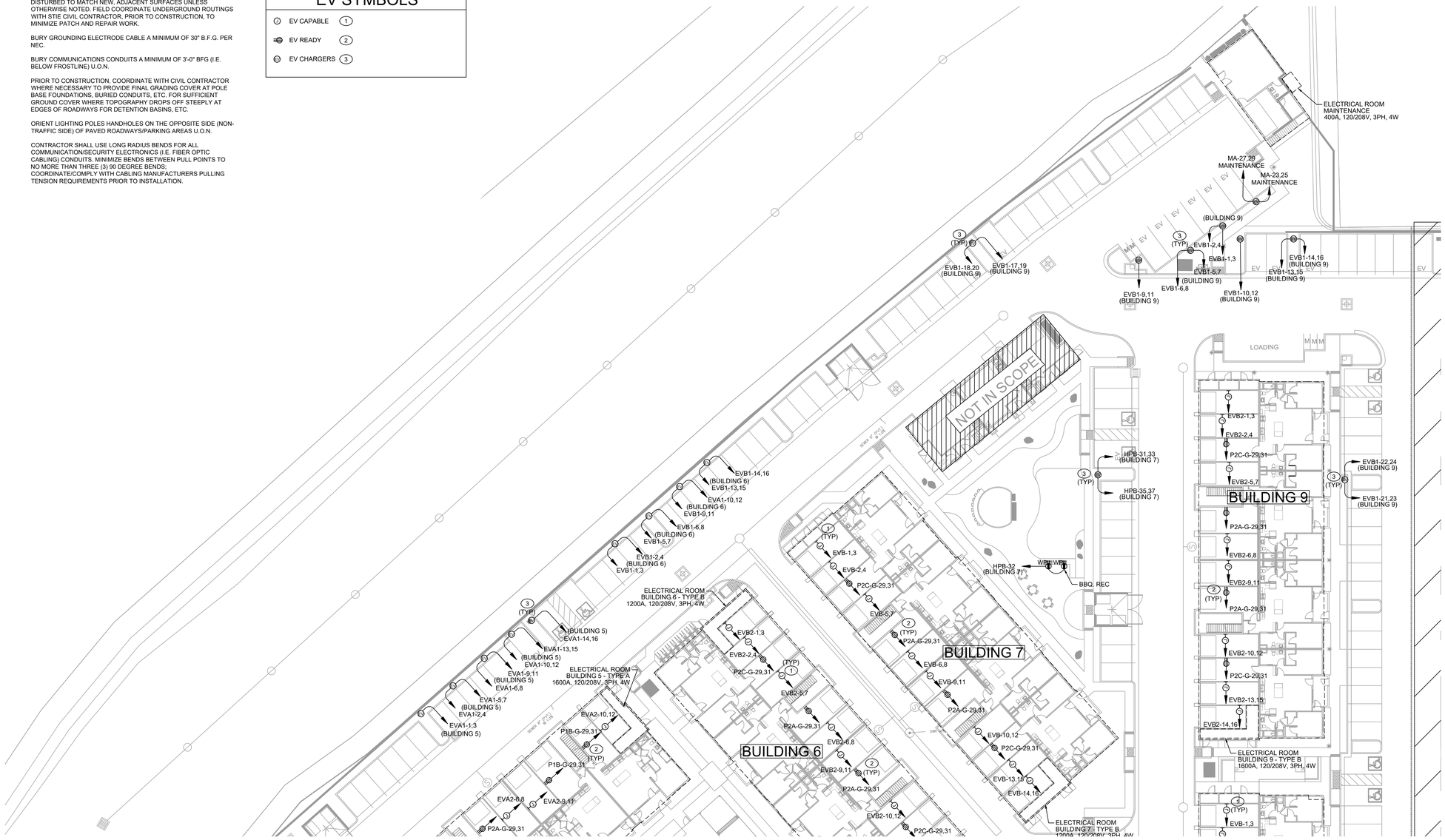
EV SYMBOLS

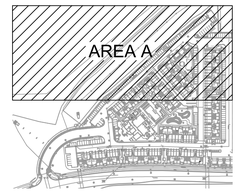
- EV CAPABLE (1)
- EV READY (2)
- EV CHARGERS (3)

Parking Total
Indoor: 98 garage parking spaces
Outdoor: 171 parking spaces

Total Parking = 269 spaces

EV REQUIREMENT PER 4.106.4.2 CALIFORNIA GREEN CODE 2022		
(1) 10% EV CAPABLE	(2) 25% EV READY	(3) 5% EV CHARGER
Indoor: 98 garage spaces x 10% = 10 Outdoor: 171 spaces x 10% = 18 --- Total = 28 EV Capable required	Indoor: 98 garage spaces x 25% = 25 Outdoor: 171 spaces x 25%= 43 --- Total = 68 EV Ready required	Indoor: 98 garage spaces x 5%= 5 Outdoor: 171 spaces x 5%= 9 --- Total = 14 EV Chargers required
Total = 110 required		





KEY PLAN

NORTH

0 10' 20' 40' 60'
1/20" = 1'-0"

SEAL / SIGNATURE

JOB NO. 66351 **727-017**

DRAWN

CHECK

SITE UTILITY PLAN
AREA A

SHEET
EL-1.0

SITE UTILITY PLAN - AREA A

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