ENGINEER'S NOTES

- MARICOPA ASSOCIATION OF GOVERNMENTS (M.A.G.) UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION INCLUDING LATEST REVISION AND CURRENT SUPPLEMENTALS THEREOF PER THE LOCAL TOWN OR CITY) ARE INCORPORATED INTO THIS PLAN IN THEIR
- ALL WORK REQUIRED TO COMPLETE THE CONSTRUCTION COVERED BY THIS PLAN SHALL BE IN ACCORDANCE WITH THE M.A.G. STANDARD SPECIFICATIONS AND DETAILS AND CURRENT SUPPLEMENTS THEREOF PER THE LOCAL CITY OR TOWN UNLESS SPECIFIED OTHERWISE IN THESE PLANS OR ELSEWHERE IN THE CONTRACT DOCUMENTS, CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH ALL REQUIRED STANDARD SPECIFICATIONS, DETAILS AND SUPPLEMENTS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, SEQUENCING, AND SAFETY CONCERNS ASSOCIATED WITH THIS PROJECT DURING CONSTRUCTION, UNLESS SPECIFICALLY ADDRESSED OTHERWISE IN THIS PLAN OR ELSEWHERE IN THE
- THE CONTRACTOR IS TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS APPLICABLE TO THE CONSTRUCTION COVERED BY THIS PLAN. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL
- PERMITS REQUIRED TO COMPLETE ALL WORK COVERED BY THIS PLAN.
 THE QUANTITIES AND SITE CONDITIONS DEPICTED IN THESE PLANS ARE FOR GENERAL INFORMATIONAL PURPOSES ONLY AND MIGHT NOT REFLECT ACTUAL QUANTITIES AND SITE CONDITIONS. CONTRACTORS SHALL SATISFY THEMSELVES AS TO ACTUAL QUANTITIES AND SITE CONDITIONS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THIS PLAN.
- A REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATIONS OF FXISTING UNDERGROUND FACILITIES AND UTILITIES IN THE CONSTRUCTION AREA. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO LITH ITIES AND/OR FACILITIES. CAUSED DURING THEIR CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CALL 48 HOURS IN ADVANCE FOR BLUE STAKE (1-800-STAKE-IT) PRIOR TO ANY
- THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION OF CONSTRUCTION AFFECTING UTILITIES AND THE COORDINATION OF ANY NECESSARY UTILITY RELOCATION WORK
- ALL PAVING, GRADING, EXCAVATION, TRENCHING, PIPE BEDDING, CUT FILL AND BACKFILL SHALL COMPLY WITH THE RECOMMENDATIONS SET FORTH IN THE SOILS (GEOTECHNICAL) REPORT FOR THIS PROJECT IN ADDITION TO THE REFERENCED REQUIRED SPECIFICATIONS AND DETAILS THE CONTRACTOR SHALL BE AWARE THAT CERTAIN UTILITIES REQUIRE PROPER ATTENTION AND CAREFUL PLANNING DURING SITE CONSTRUCTION, PLEASE NOTE THAT UTILITIES ON THESE PLANS MAY NOT EXHIBIT THE FULL PROTECTIVE COVER REQUIRED DURING THE SUBGRADE PREPARATION PHASE OF THE CONSTRUCTION, IN SUCH INSTANCES, THE CONTRACTOR SHALL PROVIDE ADDITIONAL PROTECTION (SUCH AS RAMPING) OR INCREASED PIPE STRENGTH TO PROVIDE THE NECESSARY PROTECTION REQUIRED TO PREVENT DAMAGE DURING THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL HOLD THE ENGINEER HARMLESS IN ALL CASES FOR DAMAGES TO UTILITIES WHERE INADEQUATE PROTECTIVE MEASURES OCCUR.
- THE CONTRACTOR IS TO VERIFY THE LOCATION AND THE ELEVATIONS OF ALI EXISTING UTILITIES AT POINTS OF TIE-IN PRIOR TO COMMENCING ANY NEW CONSTRUCTION, SHOULD ANY LOCATION OR ELEVATION DIFFER FROM THAT SHOWN ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE OWNER'S
- CONTRACTOR TO VERIFY AND COORDINATE ALL DIMENSIONS AND SITE LAYOUT WITH ARCHITECT'S FINAL SITE PLAN AND FINAL BUILDING DIMENSIONS BEFORE STARTING WORK. REPORT DISCREPANCIES TO OWNER'S AGENT.
- COORDINATION RETWEEN ALL PARTIES IS ESSENTIAL PART OF CONTRACT
- CONTRACTOR IS RESPONSIBLE FOR PROJECT AND SITE CONDITIONS, AND TO WORK WITH WEATHER CONDITIONS AS THE PROJECT SITE MAY BE LOCATED IN A FLOOD PRONE AREA AND SUBJECT TO FLOODING AND ITS HAZARDS.
- 14. THE CONTRACTOR IS TO VERIFY THE LOCATION, ELEVATION, CONDITION, AND PAVEMENT CROSS-SLOPE OF ALL EXISTING SURFACES AT POINTS OF TIEIN AND MATCHING PRIOR TO COMMENCEMENT OF GRADING PAVING CURB AND GUTTER OR OTHER SURFACE CONSTRUCTION. SHOULD EXISTING LOCATIONS, ELEVATIONS CONDITION OR PAVEMENT CROSS-SLOPE DIFFER FROM THAT SHOWN ON THESE PLANS, RESULTING IN THE DESIGN INTENT REFLECTED ON THESE PLANS NOT ABLE TO BE CONSTRUCTED THE CONTRACTOR SHALL NOTIFY THE OWNER'S AGENT IMMEDIATELY FOR DIRECTION ON HOW TO PROCEED PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR ALL COSTS ASSOCIATED WITH CORRECTIVE ACTION IF THESE PROCEDURES ARE NOT
- 15. CONTRACTOR IS RESPONSIBLE TO COORDINATE UTILITY CROSSINGS AT CULVERT CROSSINGS BEFORE STARTING WORK ON CULVERT, COORDINATE WITH OWNER REPRESENTATIVE. VERIFY UTILITY LINES AND/OR CONDUITS ARE IN PLACE BEFORE STARTING CUI VERT WORK
- CONSTRUCT RETENTION BASIN AS SHOWN. CONTRACTOR TO SCARIFY BOTTOM OF BASIN TWO FEET DEEP AND NOT ALLOW COMPACTION OVER 80%. THIS PROJECT REQUIRES A REGULAR ONGOING MAINTENANCE PROGRAM FOR THE
- DESIGNED DRAINAGE SYSTEM(S) TO PRESERVE THE DESIGN INTEGRITY AND THE ABILITY TO PERFORM ITS OPERATIONAL INTENT. FAILURE TO PROVIDE MAINTENANCE WILL JEOPARDIZE THE DRAINAGE SYSTEM(S)' PERFORMANCE AND MAY LEAD TO IT'S INABILITY TO PERFORM PROPERLY AND/OR CAUSE DAMAGE ELSEWHERE IN THE PROJECT
- SEWER LINES DESIGNED IN PROFILE AND PUBLIC WATER LINES ARE REQUIRED TO BE ASBUILT AND THE INSTALLATION AND TESTING WITNESSED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH ARIZONA ADMINISTRATIVE CODES R18-9-E301 "4.01 GENERAL PERMIT: SEWAGE COLLECTIONS SYSTEMS" AND R18-5-507 AND 508 APPROVAL OF CONSTRUCTION" AND "RECORD DRAWINGS", RESPECTIVELY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY OWNER 72 HOURS IN ADVANCE WHEN THOSE SYSTEMS ARE READY TO BE WITNESSED.
- THE WORK PRODUCT PRESENTED IS BELIEVED TO BE COMPLIANT WITH THE INTENT OF THE CURRENT AMERICANS DISABILITIES ACT (ADA) REQUIREMENTS AS INTERPRETED BY THE REVIEWING AGENCY(S). IF CONSTRUCTION OF THE PROJECT IS DELAYED, THIS WORK PRODUCT SHOULD BE UPDATED TO ACCOUNT FOR ANY
- RELEVANT ADA UPDATES BEFORE CONSTRUCTION BEGINS.

 LOWEST FLOOR (LF) REFERS TO EITHER FLOOR/SLAB ELEVATION OR TOP OF BASEMENT SLAB LE FLEVATIONS ON THE GRADING AND DRAINAGE PLANS FOR RESIDENTIAL UNITS REFLECT SLAB ON GRADE CONDITIONS AND CANNOT BE LOWERED WITHOUT AGENCY APPROVAL IN LOCATIONS WHERE 'SPECIAL FLOOR HAZARD AREAS' EXIST. IN NON-FLOOD HAZARD LOCATIONS, TO ENSURE THAT ADEQUATE RESIDENTIAL LOT DRAINAGE CAN BE ACHIEVED. A PROFESSIONAL ENGINEER SHOULD BE CONSULTED IF THE LF FOR THE SLAB IS PROPOSED TO BE LOWERED, OR IF A BASEMENT IS TO BE CONSTRUCTED.

FAIRMONT SCOTTSDALE PRINCESS FAIRMONT PARKING GARAGE

IMPROVEMENT PLAN SCOTTSDALE, ARIZONA

A PORTION OF SECTION 35, TOWNSHIP 4 NORTH, RANGE 4 EAST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA

EARTHWORK QUANTITIES (ESTIMATED)

RAW CUT:	15,888	CY
RAW FILL:	2,804	CY

QUANTITIES ARE ESTIMATED IN PLACE. NO PRECOMPACTION, SHRINK OR SWELL IS

CITY OF SCOTTSDALE NOTES

PLEASE REFER TO SHEET C-102 FOR CITY OF SCOTTSDALE NOTES.

QUANTITIES

PLEASE REFER TO SHEET C-102 FOR ESTIMATED QUANTITIES FOR WORK IN PUBLIC RIGHTS-OF-WAY AND EASEMENTS.

PLEASE REFER TO SHEET C-102 FOR LEGEND AND LIST OF ABBREVIATIONS.

UTILITY NOTES

- THESE PLANS HAVE BEEN SUBMITTED TO THE FOLLOWING UTILITY COMPANIES FOR APPROVAL WITHIN THEIR AREA OF INTEREST. THE SIZE AND LOCATIONS, AS SHOWN, OF THE GAS, TELEPHONE AND POWER LINES, AND CONNECTIONS AGREE WITH THE FURNISHED INFORMATION CONTAINED IN THE UTILITY COMPANY'S RECORDS. WHERE THE WORK TO BE DONE CONFLICTS WITH ANY OF THESE UTILITIES, THE CONFLICTS SHALL BE RESOLVED AS SPECIFIED IN THE SPECIAL PROVISIONS 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
- THE CITY WILL NOT PARTICIPATE IN THE COST OF CONSTRUCTION OR UTILITY

FEMA FIRM NOTE (ZONE AO)

COMMUNITY

NUMBER

045012

AND STORMWATER REGULATIONS.

ENGINEER SIGNATURE

ENGINEER'S CERTIFICATION

AS-BUILT CERTIFICATION

THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED ENGINEER/ LAND SURVEYOR

NUMBER

04013C

ACCORDING TO FEMA FLOOD INSURANCE RATE MAPPING, THE SUBJECT PROPERTY IS LOCATED IN SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD' "ZONE AO". ZONE AO IS DESCRIBED AS: "FLOOD DEPTHS OF 1 TO 3 FEET (USUALLY SHEET FLOW ON SLOPING TERRAIN): AVERAGE DEPTHS DETERMINED. FOR AREAS OF ALLUVIAL FAN FLOODING, VELOCITIES ALSO

PANEL

NUMBER

1320

ENGINEER'S CERTIFICATION: THE LOWEST FLOOR ELEVATION(S) AND/OR FLOOD PROOFING ELEVATION(S) ON THIS PLAN ARE SUFFICIENTLY HIGH TO PROVIDE

HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN

HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED AND ARE CORRECT TO

PROTECTION FROM FLOODING CAUSED BY A ONE-HUNDRED YEAR STORM, AND ARE IN

ACCORDANCE WITH CITY OF SCOTTSDALE REVISED CODE, CHAPTER 37-FLOODPLAIN

FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

SUFFIX

DATE OF

FIRM

10/16/2013

INDEX

07/20/2021

07/19/2023

DATE

FIRM

PARCEL DESCRIPTION

LOT 2 OF FAIRMONT SCOTTSDALE PRINCESS. AS SHOWN ON MINOR SUBDIVISION PLAT RECORDED IN BOOK 1104, PAGE 3, MARICOPA COUNTY RECORDS (MCR), LYING WITHIN SECTION 35, TOWNSHIP 4 NORTH, RANGE 4 EAST, OF THE GILA AND SALT RIVER MERIDIAN.

SOILS REPORT NOTE

A SOILS GEOTECHNICAL REPORT HAS BEEN PREPARED FOR THIS PROJECT TITLED GEOTECHNICAL ENGINEERING REPORT - FAIRMONT SCOTTSDALE PRINCESS - PARKING STRUCTURE ADDITION BY ALPHA GEOTECHNICAL & MATERIALS, INC. DATED APRIL 24, 2023 REPORT NO 22-G-13162

STIPULATION CONFORMANCE STATEMENT

"THE ENGINEER OF RECORD ON THESE PLANS HAS RECEIVED A COPY OF THE APPROVED STIPULATIONS FOR THIS PROJECT AND HAS DESIGNED THESE PLANS IN CONFORMANCE WITH THE APPROVED STIPULATIONS."



NO CONFLICT SIGNATURE BLOCK

HAILEY PARKS

JEANETTE DEBOARD

ANDY SAKS

JACOB HORSMA

RICHARD YOUNG

I DARIN L. MOORE, P.E., AS THE ENGINEER OF RECORD FOR THIS DEVELOPMENT, HEREBY

IMPROVEMENT PLANS FOR REVIEW, AND THAT ALL CONFLICTS IDENTIFIED BY THE UTILITIES

HAVE BEEN RESOLVED. IN ADDITION, "NO CONFLICT" FORMS HAVE BEEN OBTAINED FROM

CERTIFY THAT ALL UTILITY COMPANIES LISTED ABOVE HAVE BEEN PROVIDED FINAL

EACH UTILITY COMPANY AND ARE INCLUDED IN THIS SUBMITTAL.

UTILITY

ARIZONA PUBLIC SERVICE

LUMEN

SOUTHWEST GAS

COX COMMUNICATIONS

ELECTRIC

TELEPHONE

NATURAL GAS

SIGNATURE

ENGINEER'S CERTIFICATION

NAME OF COMPANY | TELEPHONE | DATE | DATE

NUMBER CONTACTED SIGNED

06/02/2023

602-493-4401 06/02/2023

480-221-7810 06/02/2023

480-730-3857 06/02/2023

602-615-8995 06/02/2023

07/19/2023

DATE

FINISH FLOOR ELEVATION CALCULATION

HAG = 1561.48 LAG = 1554.74 RFD=1563.48

BASE FLOOD ELEVATION

(IN AO ZONE, USE DEPTH

ALL ELECTROMECHANICAL EQUIPMENT SHALL BE ELEVATED TO RED ELEVATION

SHEET INDEX

NOTES AND QUANTITIES C-102 C-104-C-105 DEMOLITION PLAN GRADING AND DRAINAGE PLAN C-106-C-107 WATER PLAN SIGNING AND STRIPING PLAN

DETAILS AND SECTIONS

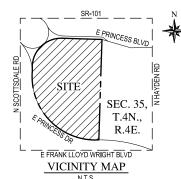
BENCHMARK

CITY OF SCOTTSDALE BRASS CAP FLUSH 450'± NORTH OF PRINCESS DRIVE ON SCOTTSDALE ROAD, BEING THE WEST QUARTER CORNER OF SECTION 35, TOWNSHIP 4 NORTH, RANGE 4 EAST, CITY OF SCOTTSDALE DATUM, NAVD88 DATUM FI FVATION=1553 22'

I HEREBY CERTIFY THAT ALL ELEVATIONS REPRESENTED ON THIS PLAN ARE BASED ON NAVD 1988, MCDOT, AND MEET THE FEMA BENCHMARK MAINTENANCE (BMM) CRITERIA

PUBLIC UTILITIES

WATER CITY OF SCOTTSDALE CITY OF SCOTTSDALE SEWER ELECTRIC TELEPHONE LUMEN NATURAL GAS SOUTHWEST GAS COX COMMUNICATIONS CABLE TV



OWNER / DEVELOPER

STRATEGIC HOTELS & RESORTS
150 NORTH RIVERSIDE PLAZA, SUITE 4270 CONTACT: TIMOTHY TAYLOR PHONE: (312) 658-6038

ENGINEER

WOOD, PATEL & ASSOCIATES, INC. 2051 WEST NORTHERN AVENUE, SUITE 100 PHOENIX ARIZONA 85021 CONTACT: DARIN MOORE, P.E. PHONE: (602) 335-8500 FAX: (602) 335-8580

ARCHITECT

KOLLIN ALTOMARE ARCHITECTS 4265 E. CONANT STREET, SUITE 101 LONG BEACH CA 90808 CONTACT: PAUL ALTOMARE PHONE: (562) 597-8760

PROJECT SITE DATA

ASSESSOR PARCEL NUMBER(S) 215-08-694 PROJECT SITE ADDRESS: 7575 E PRINCESS BLVD SCOTTSDALE ARIZONA 85255 PROJECT SITE AREA(S): NET AREA = 9.02 AC DISTURBED AREA = 5± AC ZONING:

STIPULATION SET RETAIN FOR RECORDS

CITY OF SCOTTSDALE CIVIL APPROVAL REVIEW & RECOMMENDED APPROVAL BY: SIGNS & PAVING MARKINGS GRADING 8 PI ANNING WATER & FIRE SEWER RETAINING SIGNALS 8 WALLS STREET ENGINEERING DEPARTMENT MANAGER



C-101 OF 13

STAMPED ON BEHALF OF J. LYNCH

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PATEI

Wood, Patel & Associates. Inc

ARIZONA811
Arizona Blue Stake, Incl.

AIRMONT PARKING GARAGE
IMPROVEMENT PLAN
SCOTTSDALE, ARIZONA
COVER SHEET

602,335,8500

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AIRMONT

FA

www.woodpateLcom

CITY OF SCOTTSDALE NOTES

GENERAL CONSTRUCTION NOTES FOR CAPITAL PROJECTS

- 1. ALL IMPROVEMENT CONSTRUCTION SHALL COMPLY WITH THE 2020 MARICOPA COUNTY ASSOCIATION OF GOVERNMENTS STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF SCOTTSDALE SUPPLEMENTAL STANDARD SPECIFICATIONS AND DETAILS AND CITY OF SCOTTSDALE'S DESIGN STANDARDS & POLICIES MANUAL (DS&PM). IF THERE IS A CONFLICT, THE LATTER SHALL APPLY. ALL FACILITIES CONSTRUCTION SHALL COMPLY WITH THE LATEST BUILDING CODES AS AMENDED AND ADOPTED BY THE CITY OF SCOTTSDALE.
- 2 THE ENGINEERING DESIGNS ON THESE PLANS ARE APPROVED BY THE CITY IN SCOPE AND NOT IN DETAIL. IF CONSTRUCTION QUANTITIES ARE SHOWN ON THESE PLANS, THEY ARE NOT VERIFIED BY
- 3. BASED ON THE INFORMATION SUBMITTED ON THE PLANS AND ASSOCIATED DOCUMENTS, THE CITY HAS REVIEWED AND FOUND THEM TO BE IN ACCORDANCE WITH THE SCOTTSDALE REVISED CODE AND ARE ACCEPTABLE FOR PERMIT ISSUANCE. THIS ACCEPTANCE BY THE CITY DOES NOT AUTHORIZE VIOLATIONS OF ANY APPLICABLE CODE, ORDINANCE OR STANDARD AS ADOPTED BY THE SCOTTSDALE REVISED CODE.
- APPROVAL OF THE PLANS BY THE CITY IS VALID FOR SIX MONTHS. IF A PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN SIX MONTHS OF REVIEW, THE PLANS SHALL BE RESUBMITTED TO THE CITY FOR REAPPROVAL.
- 5 ANY DEVIATION FROM THE APPROVED PLANS SHALL BE REVIEWED AND APPROVED BY THE CITY PRIOR TO THAT CHANGE BEING INCORPORATED INTO THE PROJECT
- 6. A CITY CAPITAL PROJECTS INSPECTOR WILL INSPECT ALL WORK WITHIN THE CITY RIGHTS-OF-WAY,
- ANY SPECIAL INSPECTION REQUIRED SHALL BE IN ADDITION TO ANY ROUTINE INSPECTION BY THE
- 8. CITY ENCROACHMENT AND BUILDING PERMITS ARE REQUIRED FOR WORK IN PUBLIC RIGHTS-OF-WAY, EASEMENTS GRANTED FOR PUBLIC PURPOSES AND FACILITIES. PERMITS WILL BE ISSUED BY THE CITY THROUGH THE CITY'S ONE STOP SHOP, COPIES OF ALL PERMITS SHALL BE RETAINED ON-SITE AND SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS WILL RESULT IN IMMEDIATE WORK STOPPAGE UNTIL THE PROPER PERMIT DOCUMENTATION IS OBTAINED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR SALVAGING PROTECTED NATIVE PLANTS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR SHALL CONTACT AZ 811 TWO FULL WORKING DAYS PRIOR TO BEGINNING EXCAVATION.
- 11. ALL EXCAVATION AND GRADING WHICH IS NOT IN PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC PURPOSES MUST CONFORM TO SECTION 1803 AND APPENDIX J OF THE LATEST INTERNATIONAL CODE COUNCIL AS ADOPTED AND AMENDED BY THE CITY OF SCOTTSDALE. A PERMIT FOR THIS GRADING MUST BE SECURED FROM THE CITY.
- THRUST RESTRAINT, WHERE REQUIRED, ON ALL CITY WATER LINES SHALL BE PROVIDED USING MEGALUG MECHANICAL JOINT RESTRAINTS OR CITY-APPROVED FOUAL
- 13. ANY ASPHALT MIX DESIGN USED ON CITY PROJECTS SHALL HAVE BEEN APPROVED FOR THAT USE PER SECTION 5-10 OF THE CITY'S DS&PM AND APPEAR ON THE "APPROVED LIST OF ASPHALT MIXES" AS DISTRIBUTED BY THE EAST VALLEY ASPHALT COMMITTEE (EVAC).
- 14 THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND REPLACE AT NO ADDITIONAL COST TO THE CITY, ANY AND ALL PAVEMENT, SIDEWALK, CURB AND GUTTER, DRAINAGE STRUCTURES, ETC. OUTSIDE THE PAY LIMIT THAT ARE DAMAGED DUE TO THEIR ACTIVITIES ON THE PROJECT. THIS INCLUDES, BUT IS NOT LIMITED TO, THE REMOVAL AND REPLACEMENT OF NEWLY CRACKED ROADWAY INFRASTRUCTURE, THE REMOVAL AND REPLACEMENT OF EXISTING CRACKED ROADWAY INFRASTRUCTURE WHERE THE CRACKS HAVE BEEN ENLARGED DUE TO THE CONTRACTOR'S OPERATIONS, THE REMOVAL AND REPLACEMENT OF DEFORMED ROADWAY INFRASTRUCTURE. ALL SAWCUTS USED FOR THE REMOVAL OF THESE ITEMS SHALL BE PERPENDICULAR AND PARALLEL TO THE CENTERLINE CONTROLLING THAT ITEM, OR AT THE DIRECTION OF THE CITY'S CAPITAL PROJECTS INSPECTOR.
- 15. ALL CAPITAL IMPROVEMENT PROJECTS SHALL MEET THE PROCEDURES AND STANDARDS FOR THE USE OF TEMPORARY/SECURITY FENCING AROUND THE PERIMETER OF CONSTRUCTION SITES, AS DEFINED IN THE CITY'S ZONING ORDINANCE, ARTICLE VII, SECTION 7.700.

GENERAL NOTES FOR PUBLIC WORKS CONSTRUCTION

- ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MAG UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF SCOTTSDALE SUPPLEMENTAL STANDARD SPECIFICATIONS AND SUPPLEMENTAL STANDARD DETAILS. IF THERE IS A CONFLICT, THE CITY'S SUPPLEMENTAL STANDARD DETAILS WILL
- THE CITY ONLY APPROVES THE SCOPE NOT THE DETAIL OF ENGINEERING DESIGNS: THEREFORE IF CONSTRUCTION QUANTITIES ARE SHOWN ON THESE PLANS, THEY ARE NOT VERIFIED BY THE CITY.
- THE APPROVAL OF PLANS IS VALID FOR SIX (6) MONTHS. IF A RIGHT-OF-WAY PERMIT FOR THE CONSTRUCTION HAS NOT BEEN ISSUED WITHIN THIS TIME FRAME, THE PLANS MUST BE RESUBMITTED TO THE CITY FOR REAPPROVAL
- A CITY INSPECTOR WILL INSPECT ALL WORKS WITHIN THE CITY OF SCOTTSDALE, NOTIFY INSPECTION SERVICES 72 HOURS BEFORE BEGINNING WORK.
 WHENEVER EXCAVATION IS NECESSARY, CALL THE BLUE STAKE CENTER, 811, TWO WORKING DAYS
- BEFORE EXCAVATION REGINS
- PERMISSION TO WORK IN THE RIGHT-OF-WAY (PWR) PERMITS ARE REQUIRED FOR ALL WORKS WITHIN THE RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. COPIES OF ALL PERMITS MUST BE RETAINED ON-SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES FAILURE TO PRODUCE THE REQUIRED PERMITS WILL RESULT IN IMMEDIATE SUSPENSION OF ALL WORK UNTIL THE PROPER PERMIT DOCUMENTATION IS OBTAINED.

FIRE NOTE:

ALL PRIVATE STREETS AND DRIVES SHALL CONFORM TO THE FIRE DEPARTMENT GUIDELINES FOR EMERGENCY VEHICLE ACCESS.

WATER NOTE:

THE WATER SYSTEM SHOWN HEREIN HAS BEEN DESIGNED TO ADEQUATELY SUPPLY WATER IN SUFFICIENT QUANTITY AND PRESSURE TO MEET LOCAL FIRE REQUIREMENTS.

PAVING QUANTITIES (ESTIMATED)

2.5" A.C. OVER 6" A.B.C.	1,520	SY
4" A.C. OVER 6" A.B.C.	2,117	SY
6" VERTICAL CURB & GUTTER	118	LF
6" CURB & GUTTER, DEPRESSED LIP	100	LF
6" SINGLE CURB	1,792	LF
SINGLE CURB (MODIFIED)	59	LF
CONCRETE SCUPPER	2	EA
CONCRETE SIDEWALK	10,161	SF
DRIVEWAY (C.O.S. STD. DET. 2257-2)	2	EA
DRIVEWAY (C.O.S. STD. DET. 2257-1)	1	EA
VALLEY GUTTER	264	LF
SIDEWALK RAMP	6	EA
CURB OPENING	2	EA
SAWCUT, REMOVE & REPLACE EXISTING PAVEMENT	66	SY
GROUTED RIPRAP	10	SY
LOOSE RIPRAP	28	SY

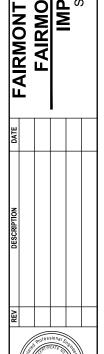
PRIVATE WATER QUANTITIES (ESTIMATED)

	_	
6" GATE VALVE	1	EA
6" POLYWRAPPED D.I.P. PRESSURE CLASS 350 WATER LINE	47	LF
CONNECT TO EXISTING WATERLINE	1	EA

EXISTING SURVEY	PROPOSED GRADIN	IG, DRAINAGE & PAVING
SECTION LINE RIGHT OF WAY PROPERTY LINE ROAD CENTERLINE SASEMENT SURVEY MARKER US ELECTRIC (BURIED CABLE) UG ELECTRIC (DUCT BANK) OHE OVERHEAD ELECTRIC OHT OVERHEAD TELEPHONE TO CABLE TELEVISION OVERHEAD CABLE TELEVISION OVERHEAD CABLE TELEVISION TO OVERHEAD CABLE TELEVISION TO OVERHEAD CABLE TELEVISION TO OVERHEAD CABLE TELEVISION TO CABLE TELEVISION OFFICE BLOCK WALL SASEMENT SEWER LINE STORM DRAIN PIPE 4"IRR (MATERIAL) RIRGATION LINE WATER LINE CURB SIDEWALK	1300 1300 1300 1299 0.000 P.0.00 P.0.00 GB RIDGE TW0.00 TF0.00 OUTFALL ELEVATION EL:XXX.XX	MAJOR CONTOUR MINOR CONTOUR MINOR CONTOUR SPOT ELEVATIONS STORM DRAIN PIPE STORM DRAIN CATCH BASIN SLOPE ARROW GRADE BREAK/RIDGE RIP RAP WALL ELEVATION ROOF DRAIN/DRAIN ARROW DRYWELL SITE ULTIMATE OUTFALL LOCATION & ELEVATION WALL CONCRETE SIDEWALK CONCRETE PAVEMENT LIGHT DUTY ASPHALT PAVEMENT HEAVY DUTY ASPHALT PAVEMENT STREET/PARKING LIGHT ADA PARKING SYMBOL
MAJOR CONTOUR	PROPOSED I H I I A	WATER & SEWER WATER LINE WATER LINE FITTINGS BACKFLOW PREVENTION DEVICE WATER VALVE FIRE DEPARTMENT CONNECTION FIRE HYDRANT WATER METER PLUG REDUCER TAPPING SLEEVE & VALVE CURB STOP PRESSURE RELEASE VALVE SEWER LINE SEWER MANHOLE CLEANOUT

LEGEND

BB	BOTTOM OF BANK
С	CONCRETE ELEVATION
COS	CITY OF SCOTTSDALE
E.S.V.A.E.	EMERGENCY VEHICLE ACCESS EASEMENT
EX	EXISTING
FG	FINISHED GROUND
FL	FLOW LINE ELEVATION
G	GUTTER ELEVATION
GB	GRADE BREAK
INV	INVERT ELEVATION
IRR	IRRIGATION
LF	LINEAR FEET
LFF	LOWEST FINISHED FLOOR ELEVATION
MIN	MINIMUM
NG	NATURAL GROUND ELEVATION
N.T.S.	NOT TO SCALE
P	PAVEMENT ELEVATION
PL	PROPERTY LINE
RIM	RIM ELEVATION
S	SLOPE
SD	STORM DRAIN
SE	SEWER EASEMENT
SS	SEWER SERVICE
STD	STANDARD
TB	TOP OF BANK
TC	TOP OF CURB
TF	TOP OF FOOTING ELEVATION
TW	TOP OF WALL ELEVATION
U.E.	UTILITY EASEMENT
UG	UNDERGROUND
W.I.	WROUGHT IRON



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AIRMONT PARKING GARAGE
IMPROVEMENT PLAN
SCOTTSDALE, ARIZONA
NOTES AND OTTES AND OTTES

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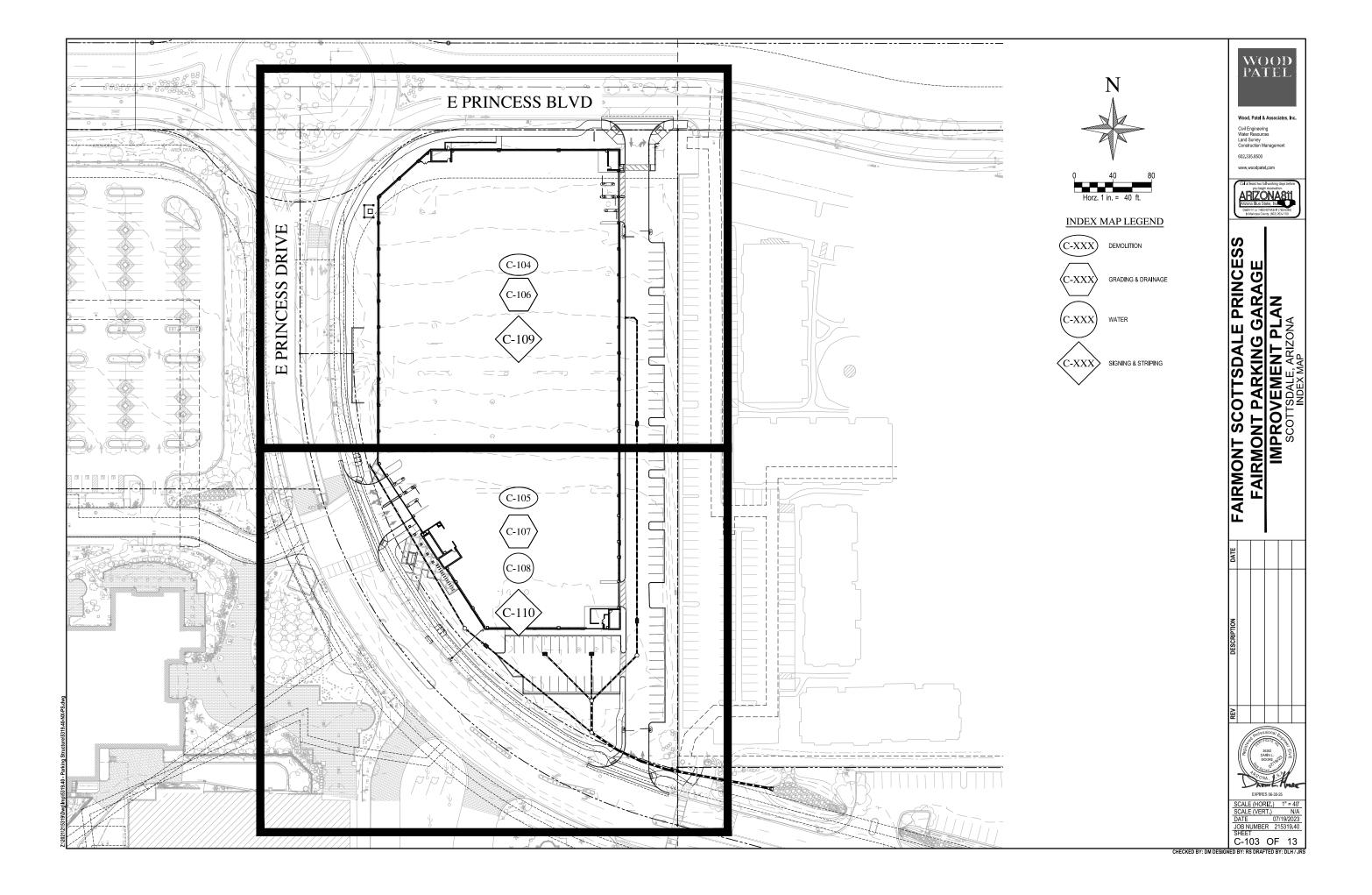
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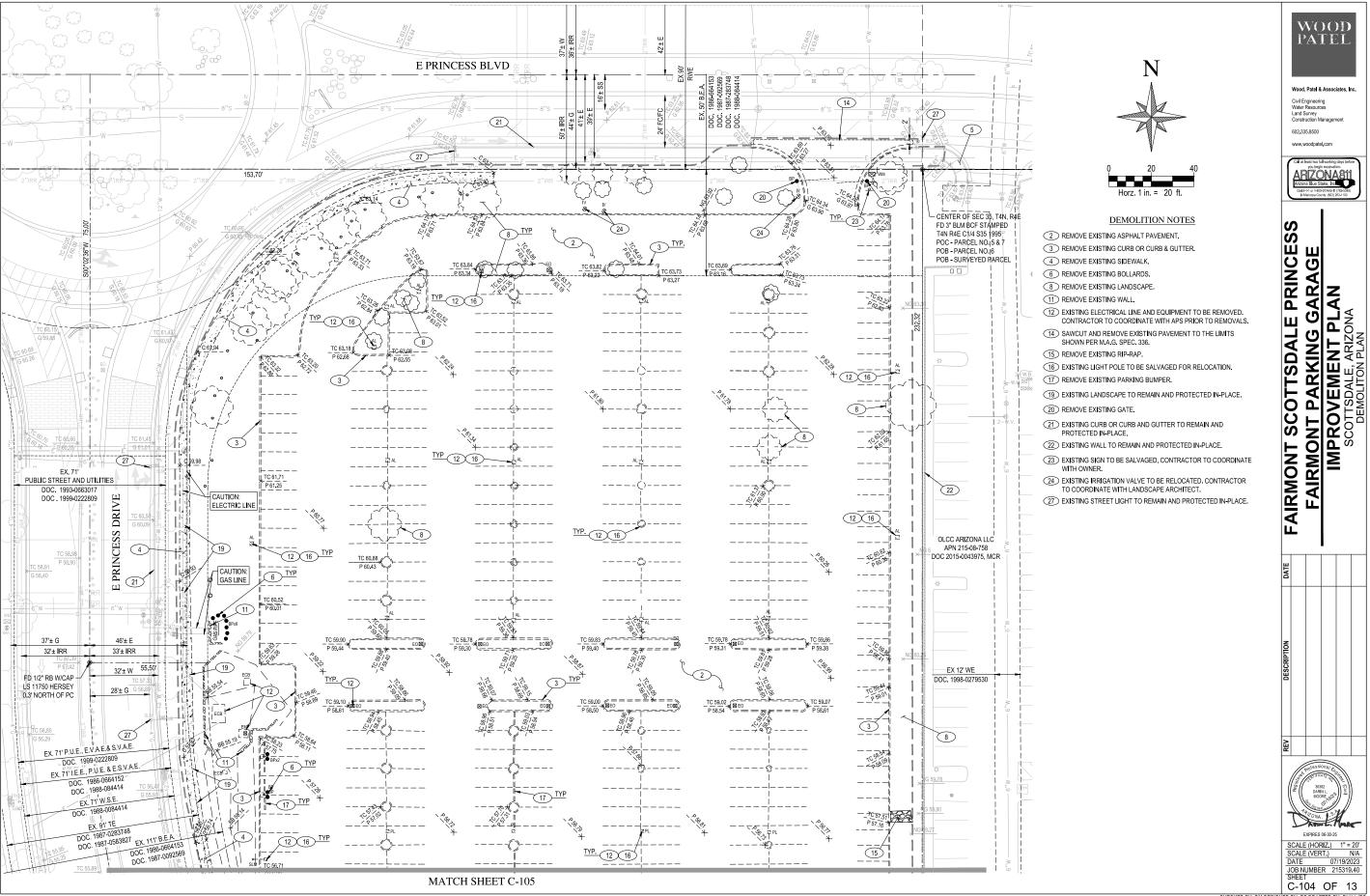
EXPIRES 06-30-25 JOB NUMBER 215319.40 3HEET

BACK OF CURB CURVE TABLE TANGENT CHORD CURVE DELTA RADIUS ARC BC1 89°50'32' 24.50' 38.42' 24.43' 34.60' BC2 89°19'57 24.83 38.71 24.54 34.91 2.36' 1.50' 2.12' BC3 90°00'00' 1.50' BC4 0.67' 2.09' 1.33' 180°00'00' INF' 5.17' 7.39' BC5 91°17'01 8.24' 5.29 BC6 90°00'00' 3.50' 5.50' 3.50 4.95' BC7 87°37'37' 5.17' 7.90' 4.96' 7.15' BC8 87°49'43" 5 17' 7.92' 4.97' 7.17' BC9 2.50' 7.87' 1037.63' 5.00' 180°16'34 BC10 90°00'00" 1.50' 2.36' 1.50' 2.12' BC11 2.50' 7.87' 1037.63' 5.00' 180°16'34' BC12 116°03'42" 24.50' 49.63 39.26' 41.57' BC13 76°55'36" 24 55' 32 96' 19.50' 30.54 BC14 89°43'32" 3.50' 5.48' 3.48' 4.94' BC15 108°47'11" 40.65' 25.00' 47.47' 34.91'

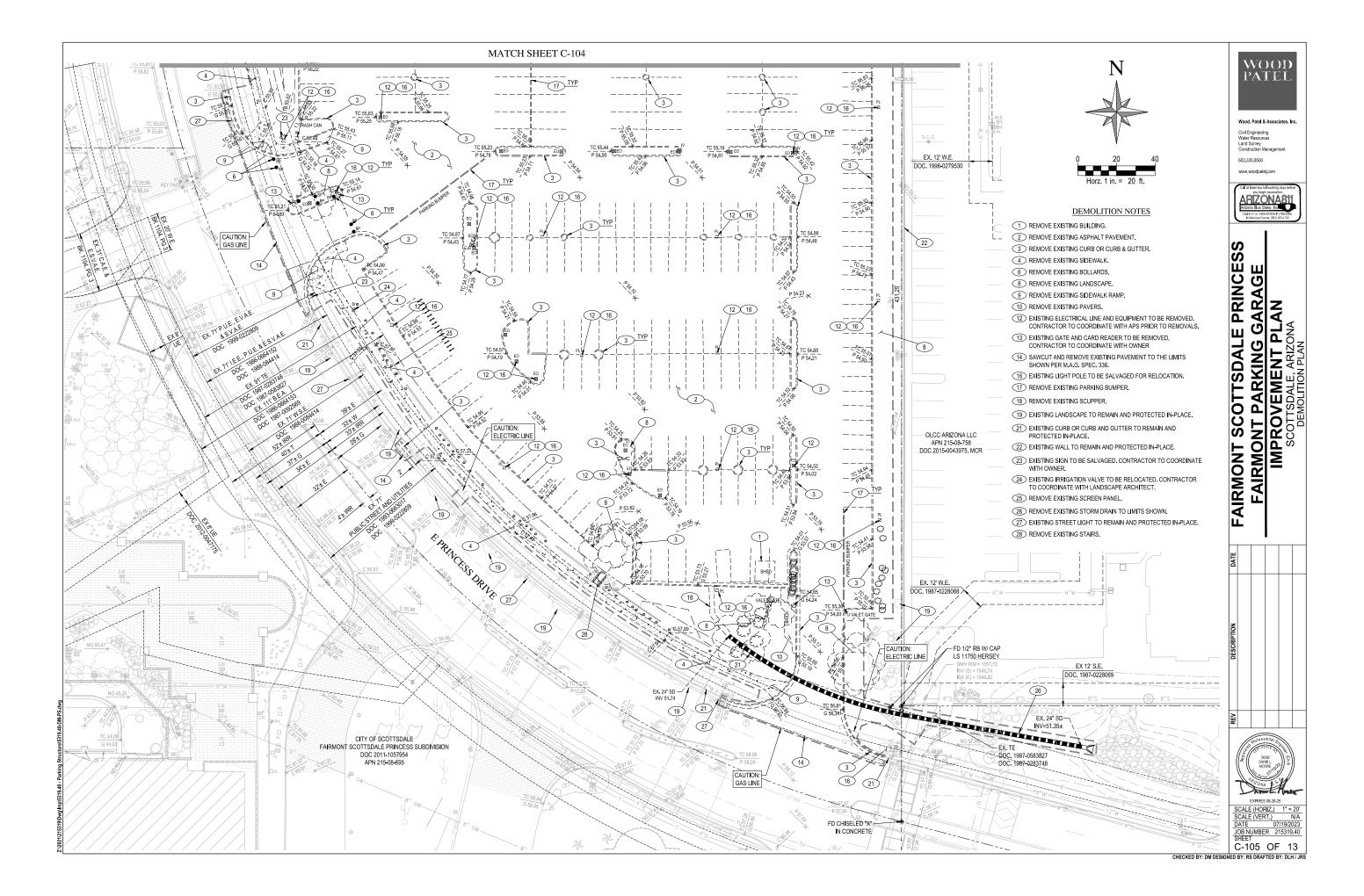
RADIUS ARC CURVE DELTA TANGENT CHORD BC16 85°29'31" 25.00' 37.30 23.11' 33.94 BC17 1.18' 179°59'56' 0.59 1.85 63070.231 3.08' BC18 88°15'28" 2.00' 1.94' BC19 90°00'00" 2.00' 3.14' 2.00' 2.83 BC20 90°00'00' 2.00' 3.14' 2.00' 2.83' BC21 90°00'00" 2.00' 3.14' 2.00' 2.83' BC22 90°00'00" 2.00' 3.14' 2.00' 2.83' BC23 90°00'00" 2.00' 3.14' 2.00' 2.83' BC24 90°00'00' 2.00' 3.14' 2.00' 2.83' BC25 90°00'00" 2.00' 3.14' 2.00' 2.83' 90°00'00" 3.14' 2.83 BC26 2.00' 2.00' BC27 90°00'00" 2.00' 3.14' 2.00' 2.83 2 83' BC28 90°00'00' 2 00' 3 14' 2.00' BC29 90°00'00" 2.00' 3.14' 2.00' 2.83 BC30 90°00'00" 1.50' 2.36' 1.50' 2.12'

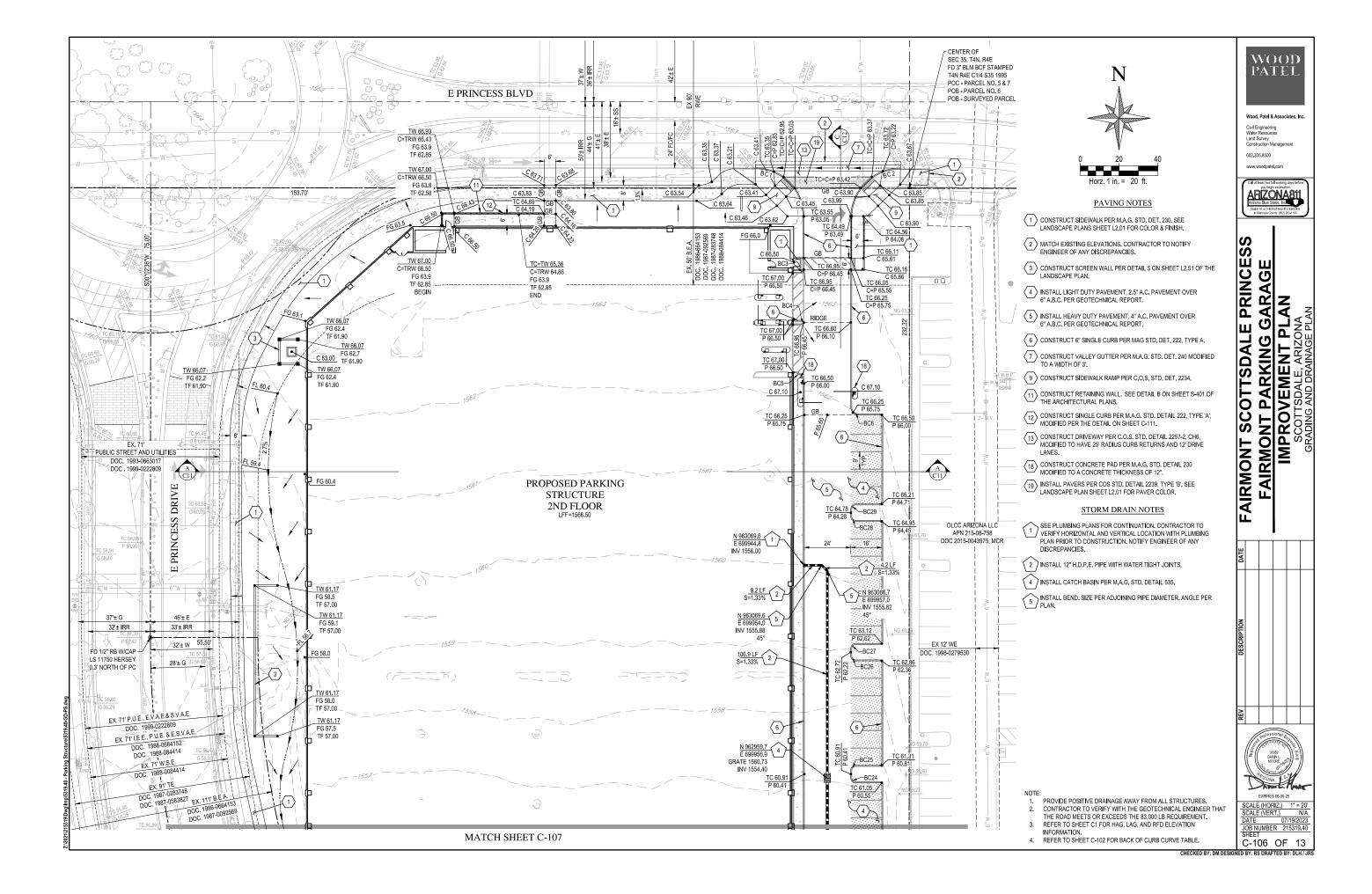
BACK OF CURB CURVE TABLE

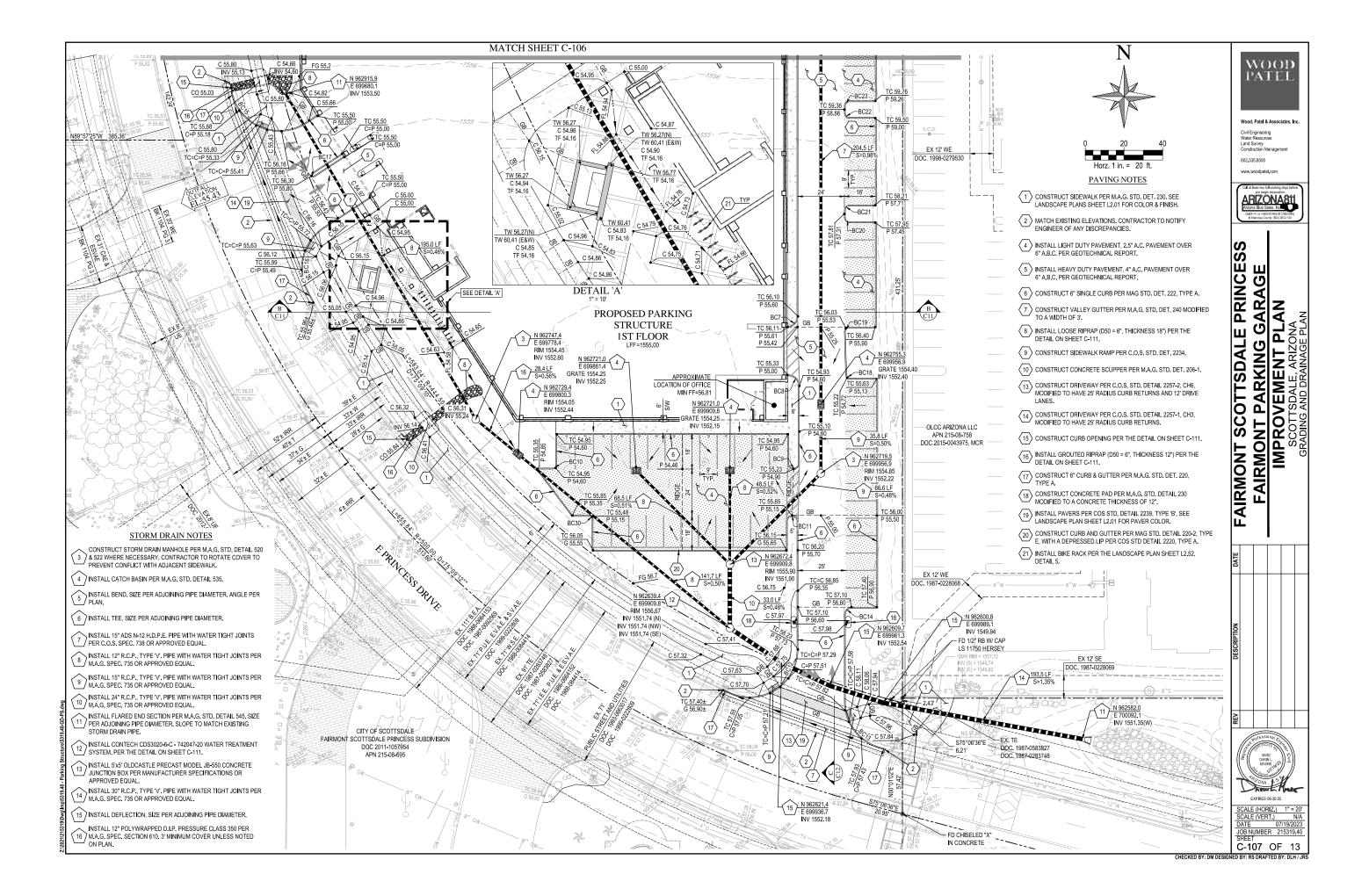


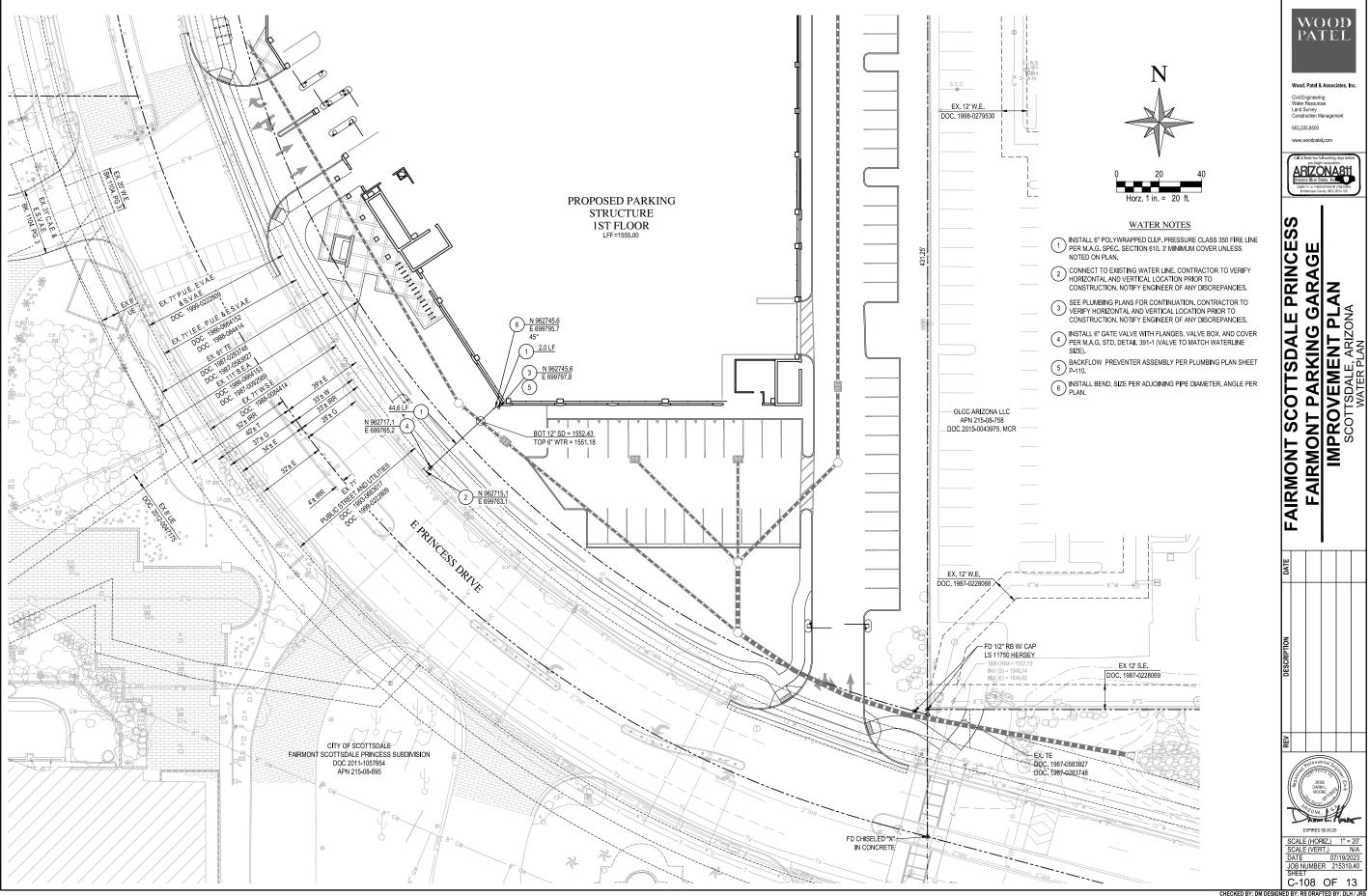


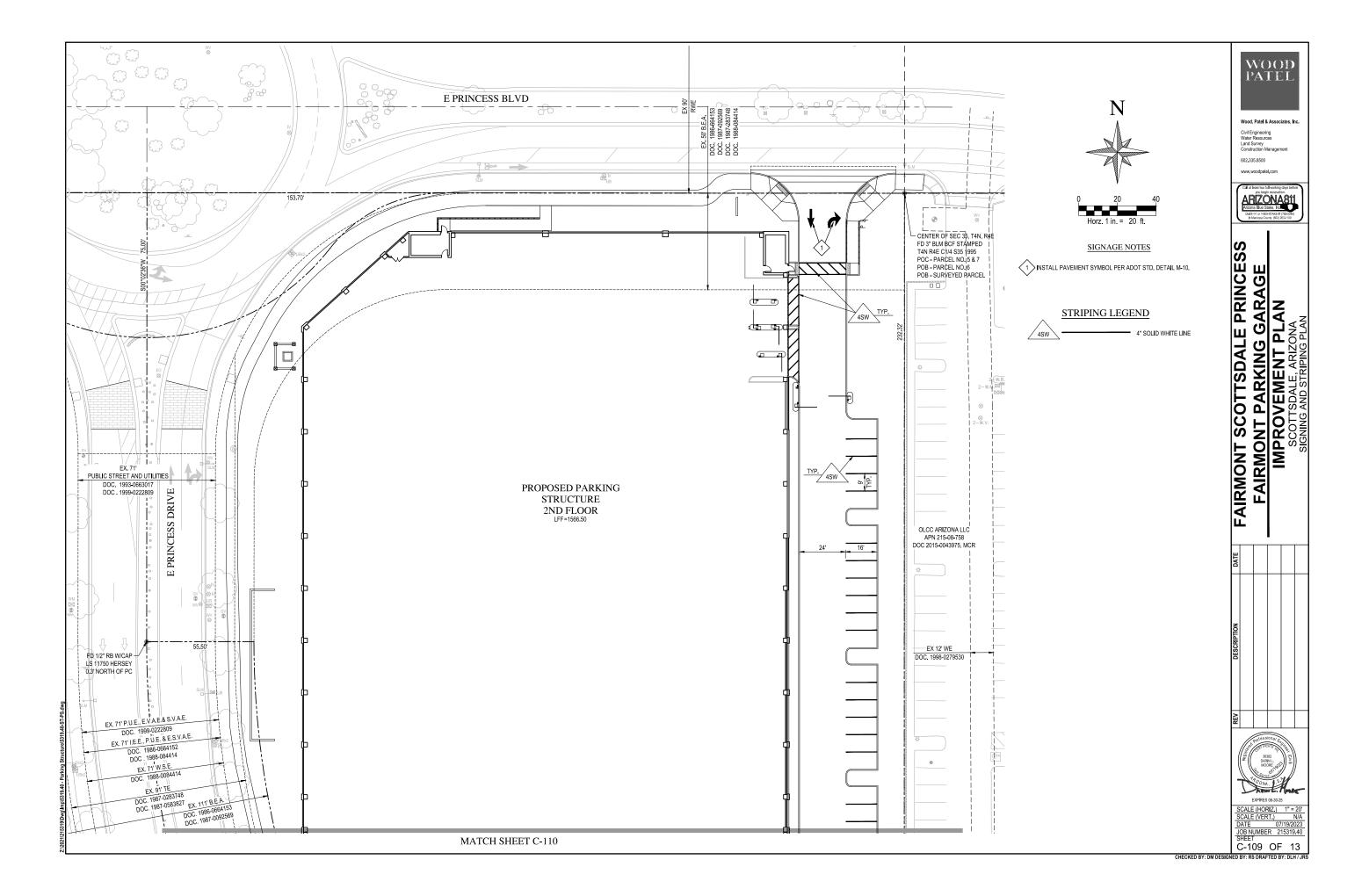
CHECKED BY: DM DESIGNED BY: RS DRAFTED BY: DLH / JRS

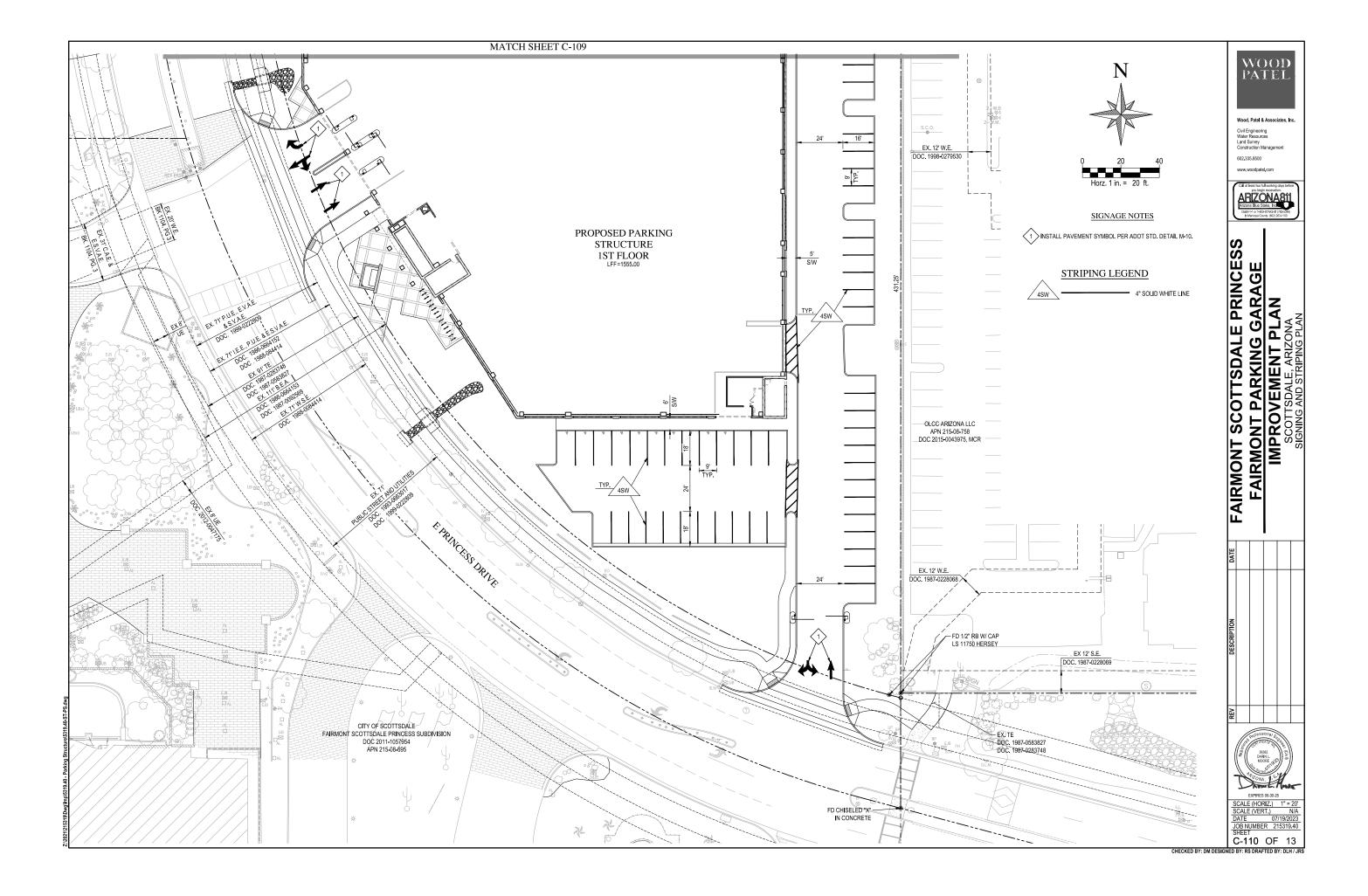


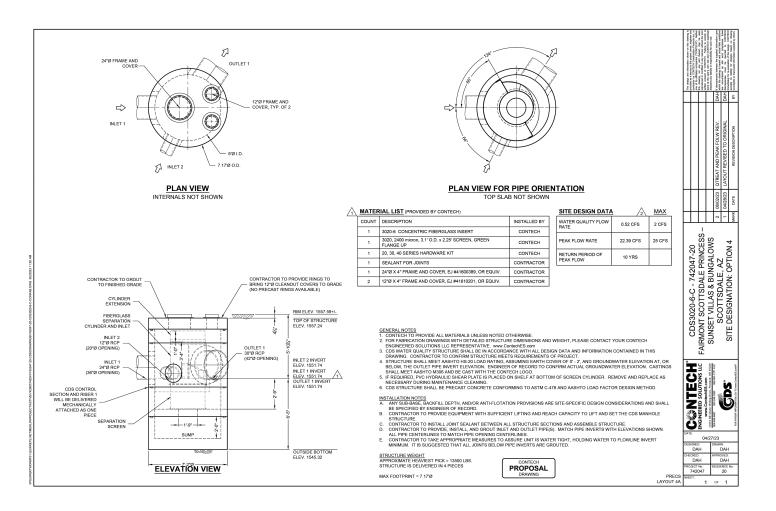


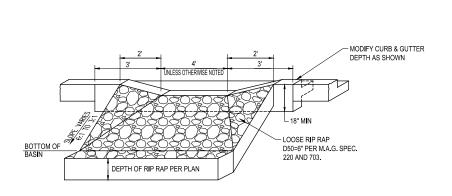




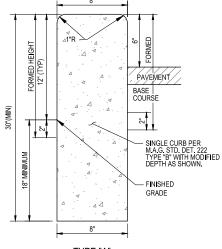




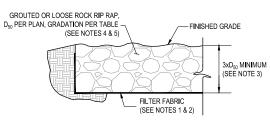




CURB OPENING AND SPILLWAY DETAIL



TYPE "A" MODIFIED SINGLE CURB (N.T.S.)



ROCK RIPRAP SECTION

ROCK RIPRAP GRADATION TABLE				
PERCENT		ROCK SIZE (IN.)		
PASSING	D ₅₀ =4"	D ₉₀ =6"	D ₉₀ =8"	D ₅₀ =12"
100 TO 90	8	12	16	24
85 TO 70	6	9	12	18
50 TO 30	4	6	8	12
15 TO 5	3	4	5	8
5 TO 0	1	2	3	4

- NOTES:

 1. FOR LOOSE RIPRAP APPLICATIONS INSTALL "MIRAFI 140NL"
 FILTER FABRIC, OR APPROVED EQUAL, UNDER ALL LOOSE
- RIPRAP.
 2. FOR GROUTED RIPRAP APPLICATIONS OMIT FILTER FABRIC.
- 3. DEPTH OF LOOSE RIPRAP SHALL BE $3xD_{50}$ MINIMUM UNLESS OTHERWISE SPECIFIED. DEPTH OF GROUTED RIPRAP SHALL BE
- 2xD₅₀ MINIMUM UNLESS OTHERWISE SPECIFIED.
 4. RIPRAP SHALL BE ANGULAR ROCK.
- 5. REFER TO LANDSCAPE PLAN FOR RIPRAP COLOR.



Wood, Patel & Associates, Inc.

Civil Engineering Water Resources Land Survey Construction Management

602.335.8500 www.woodpateLcom



FAIRMONT SCOTTSDALE PRINCESS FAIRMONT PARKING GARAGE IMPROVEMENT PLAN SCOTTSDALE, ARIZONA

DATE			
DESCRIPTION			
REV			



C-111 OF 13

Horz. 1 in. = 20 ft. Vert. 1 in. = 4 ft.



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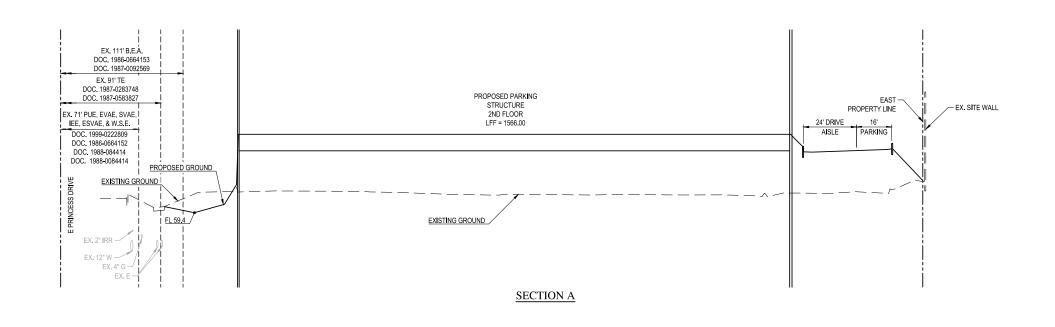


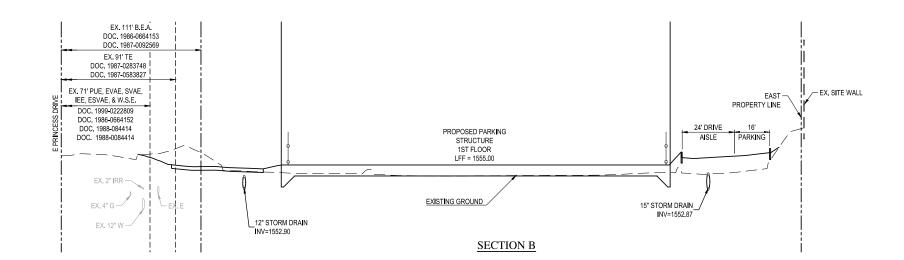
ARIZONA811
Arizona Blue State, Inc.

FAIRMONT SCOTTSDALE PRINCESS
FAIRMONT PARKING GARAGE
IMPROVEMENT PLAN
SCOTTSDALE, ARIZONA
DETAILS AND SECTIONS

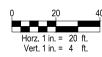


C-112 OF 13





EX. 111' B.E.A. DOC. 1986-0664153 DOC. 1987-0092569 EX. 91' TE DOC. 1987-0283748 DOC. 1987-0583827 EX. 71'PUE, EVAE, SVAE, IEE, ESVAE, & W.S.E. DOC. 1999-0222809 DOC. 1986-0664152 DOC. 1988-084414 DOC. 1988-084414 MATCH LOWER LEFT MATCH EXISTING P=1557.23± PROPOSED DRIVE AISLE EX. 4" G — EXISTING GROUND __30" STORM DRAIN INV=1504.27 EX. 12" W -SECTION C EX. 50' B.E.A. EX. 90' DOC. 1986-664153 DOC. 1987-092569 DOC. 1987-283748 DOC. 1988-084414 RWE MATCH UPPER RIGHT STA 7+21.84 P=1563.26 PROPOSED DRIVE AISLE EXISTING GROUND V_EX.E EX. 2" IRR — SECTION C





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FAIRMONT SCOTTSDALE PRINCESS
FAIRMONT PARKING GARAGE
IMPROVEMENT PLAN
SCOTTSDALE, ARIZONA
DETAILS AND SECTIONS



THE FOLLOWING SCHEDULE SHALL BE ADHERED TO UNLESS THEY CON THE DRAWINGS, THE INSTALLATION OF RMC CONDUIT WILL BE PERMITT CONDUIT AND BOXES SPECIFICATION 26 05 33 FOR ADDITIONAL INFORM.	ED IN PLACE OF	ATION OF AF F ALL CONDU	PLICABLE CO IT SPECIFIED	DDES OR ARE N IN THIS SCHEE	OTED OTH	ERWISE ON ER TO
NSTALLATION TYPE	RMC	IMC	EMT	PVC COATED RMC	PVC	PVC CONCRETE ENCASED
FEEDERS: SWITCHBOARDS, DISTRIBUTION PANELS, PANELBOARDS, MOTOR CONTROL CENTERS, ETC:		х	x			
BRANCH CIRCUITS: LIGHTING, RECEPTACLES, CONTROLS, ETC.		х	x			
MECHANICAL EQUIPMENT FEEDERS: PUMPS, CHILLERS, AIR HANDLING UNITS, ETC.		х	x			
FLOOR MOUNTED EQUIPMENT FEEDERS; PUMPS, ETC. (INCLUDE NO MORE THAN 8 FEET OF LFMC TO PUMP)		x	x			
CONTROLS (LIGHTING, POWER, BUILDING AUTOMATION, ETC.)		х	x			
FINISHED SPACES / CONCEALED			х			
WET AND DAMP LOCATIONS: (CONDUIT, BOXES, FITTINGS, INSTALLED AND EQUIPPED TO PREVENT WATER ENTRY)	х					
CORROSIVE LOCATIONS				x		
ELEVATED CONCRETE SLABS (ABOVE GRADE)	×				x	
INTERIOR LOCATIONS: CONCEALED			×			
INTERIOR LOCATIONS: EXPOSED		x	x			
UNDERGROUND / SLABS ON GRADE (IN OR UNDER SLABS ON GRADE)						
WITHIN 5' FROM THE PERIMETER OF THE BUILDING	х			x	х	
WITHIN 5' FROM THE PERIMETER OF THE BUILDING WHEN PASSING THROUGH THE PERIMETER OF THE BUILDING FOUNDATION:	х					x
UNDERGROUND SITE CONDUITS:						
WITHIN 5' FROM THE PERIMETER OF A BUILDING FOUNDATION	х					х

x

х

x

x

	VIE	W KEY
● NAME 10'-0"	LEVEL NAME HEIGHT ABOVE PROJECT 0'-0'	1 INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL
	_	- INDICATES DIRECTION OF TRUE NORTH
	//	PLAN OR DETAIL NUMBER
	//	PLAN OR DETAIL NAME
	√ VIÉV	V NAME
7	N(1)— _{1/8" = 1:0"}	· · · · · · · · · · · · · · · · · · ·
40 p		-PLAN OR DETAIL SCALE
	INDICATES SI IN MULTIPLE	MILAR DETAIL REFERENCED LOCATIONS
- 1		RRED TO BY SECTION CUT
	M101 SHEET DETAI	LIS LOCATED ON TID1
	0.00	
LINE TYPE A	ND TAG KEY:	
NEW WORK	BY THIS CONTRACTOR (WIDE I	INE)
	 NEW EXISTING TO BE REMOVED 	
		DERGROUND (LONG DASHED PATTERN)
EXISTING TO	REMAIN OR WORK BY OTHER EXISTING	S (NARROW LINE)
	 EXISTING TO BE REMOVED EXISTING UNDERFLOOR OF 	BY OTHERS (SHORT DASHED PATTERN) : UNDERGROUND (LONG DASHED PATTERN)
HALFTONING	DOES NOT MODIFY SCOPE.	
'TAG'-E	TAGS WITH DASH 'E' INDICA	TES THE REFERENCED OBJECT IS EXISTING
TAG		S OBJECT IS IN-SCOPE. IF NEW, ADDITIONAL IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST
	INFORMATION IS AVAILABLE	IN A SCHEDULE, MATERIAL LIST, ON STMBOL LIST

5' OR GREATER FROM THE PERIMETER OF A BUILDING FOUNDATION

DUCTBANKS
(REFER TO DUCTBANK DETAILS WHEN APPLICABLE)

ZENFORCING SHALL CONSIST OF ONE-HALF INCH DEFORMED BS
SPACED 12 INCHES ON CENTER PARALLELING THE DUCTS ON
BOTTOM, WITH ONE-HALF INCHESTORMED THE BARS SPACED
TWELVE INCHES ON CENTERS.

PROVIDE MINIMUM 3" CONCRETE COVER ON ALL SIDES OF REINFORCING. ENTIRE DUCTBANK SHALL BE INSTALLED ON PRECAST CONCRETE PAVERS ON 3' CENTERS.

	ELECTRICAL ABBREVIATION KEY		
ABBR:	DESCRIPTION:		
AFF	ABOVE FINISHED FLOOR		
С	CONDUIT		
GFI	GROUND FAULT INTERRUPTER		
N.C.	NORMALLY CLOSED		
NIC	NOT IN CONTRACT		
N.O.	NORMALLY OPEN		
SV	SOLENOID VALVE		
TYP	TYPICAL		
UON	UNLESS OTHERWISE NOTED		

	LUMINAIRE SYMBOL KEY		
SYMBOL:	DESCRIPTION:		
°	NORMAL BRANCH LUMINAIRE		
•	[CRITICAL] BRANCH LUMINAIRE		
3 0	EMERGENCY [LIFE SAFETY] BRANCH LUMINAIRE [UNSWITCHED FOR NIGHT LIGHT, UNLESS NOTED 'SE']		

ELECTRICAL SYMBOL LIST

SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:
COMMON AND			SUBSCRIPTS: TYPE / PROGRAMMING
SEQUENCE OF OPERATION SUBSCRIPTS			WG - WRIC CLARD IS RECOVED W W - WEATHERPOOF A - A TRIBLY
П	EACP-#	28 31 00	FIRE ALARM CONTROL PANEL
	FAA-#	28 31 00	FIRE ALARM ANNUNCIATOR
	RPS-#	28 31 00	NOTIFICATION APPLIANCE CIRCUIT PANEL
	AMP-#	28 31 00	AMPLIFIER RACK, FIRE ALARM
	FATC-#	28 31 00	FIRE ALARM TERMINAL CABINET
⑤* Š	<u>FA-120</u>	28 31 00	FIRE ALARM SMOKE DETECTOR, CEILING OR WALL MOUNT
			BLANK - PHOTOELECTRIC CO = COMBINATION SMOKE / CARBON MONOXIDE H = COMBINATION SMOKE / HEAT DETECTOR ION = IONIZATION TYPE
⊕* ሕ	FA-140	28 31 00	FIRE ALARM HEAT DETECTOR
] 💸			BLANK = COMBINATION RATE OF RISE / FIXED TEMP F = FIXED TEMP
F	FA-130	28 31 00	FIRE ALARM MANUAL PULL STATION
FT	FA-131	28 31 00	FIRE ALARM MANUAL PULL STATION W/ COVER
gα	FA-200	28 31 00	FIRE ALARM VISUAL ALARM DEVICE, CEILING OR WALL MOUNT
			#= CANDELA RATING. CD = CANDELA RATING SELECTED BY NICET DESIGNER
© ŒQ	FA-263	28 31 00	ELECTRIC BELL FOR SPRINKLER SYSTEM
® 4 5 4	<u>FA-220</u> FA-221	28 31 00 28 31 00	AUDIO (SPEAKER) ALARM DEVICE, CEILING OR WALL MOUNTED COMBINATION AUDIO (VOICE) AND VISUAL ALARM DEVICE, CEILING OR WALL MOUNTED
			ALARM DEVICE, CEILING OR WALL MOUNTED # = CANDELA RATING CD = CANDELA RATING SELECTED BY NICET DESIGNER
FS	EA-260	28 31 00	FIRE ALARM FLOW SWITCH TO MONITOR SPRINKLER SYSTEM
			BLANK = REFER TO PLANS
TS	FA-261	28 31 00	FIRE ALARM TAMPER SWITCH TO MONITOR SPRINKLER SYSTEM
ММ	FA-160	28 31 00	BLANK = REFER TO PLANS PIV = POST INDICATOR VALVE FIRE ALARM ADDRESSABLE
EVING	12.100		MONITOR MODULE BLANK = REFER TO PLANS KB = KNOX BOX MONITOR
CM	<u>FA-161</u>	28 31 00	FIRE ALARM ADDRESSABLE
			CONTROL MODULE BLANK = REFER TO PLANS LC = LIGHTING CONTROL OVERRIDE DH = DOOR HOLD OPEN PD = HOLD OPEN OVERRIDE
EOL	EOL	28 31 00	FIRE ALARM END OF LINE DEVICE, DRAWINGS ONLY
FSD	EA-250	28 31 00	FIRE ALARM SMOKE OR FIRE/SMOKE DAMPER CONTROL
.05			WITH DETECTOR, AND ADDRESSABLE MODULE, AND REMOTE INDICATOR (WITH TEST SWITCH WHEN APPLICABLE)

ELECTRICAL SYMBOL LIST							
SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:				
GB	GB	26 05 26	GROUND BUS				
IBT	<u>IBT</u>	26 05 26	INTERSYSTEM BONDING TERMINATION				
© E	ECONN	26 05 33	ELECTRICAL CONNECTION				
	<u>JB</u>	26 05 33	JUNCTION BOX				
	PANEL '###'	26 24 16	PANELBOARD - SURFACE MOUNT				
	MX-#/MS-# /CB-#/CS-#	26 24 19	MANUAL SWITCH / STARTER / COMBINATION STARTER/ CIRCUIT BREAKER. REFER TO DISC/STA SCHEDULE				
\boxtimes	IPC-#	26 24 22	INTEGRATED POWER CENTER				
\boxtimes	TR-#/DTR-#	26 22 00	TRANSFORMER: REFER TO TRANSFORMER SCHEDULE				
□	DS-#/FDS-#/DSS-#	26 28 16	DISCONNECT. REFER TO DISC/STA SCHEDULE				
DPM	DPM	26 09 13/ 26 24 13	DIGITAL POWER METER				

	ELECTRICAL SYMBOL LIST								
SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:						
⇒ 0	REC-DUP-O	26 27 26	DUPLEX RECEPTACLE CONTROLLED BY OCCUPANCY						
⇒ 0	REC-QUAD-O	26 27 26	QUAD RECEPTACLE CONTROLLED BY OCCUPANCY						
-0	REC-DUP	26 27 26	DUPLEX RECEPTACLE, 125V						
**	REC-DUP-GFI	26 27 26	DUPLEX GFI RECEPTACLE, 125V						
G	REC-DUP-GFI-R	26 27 26	GROUND FAULT DEVICE						
₩ w	REC-DUP-WP	26 27 26	DUPLEX GFI WEATHERPROOF RECEPTACLE 125V						
⇒ χ	REC-DUP-XP	26 27 26	DUPLEX RECEPTACLE, EXPLOSION PROOF, 125V						
◆ w	REC-OUAD-WP	26 27 26	QUAD GFI WEATHERPROOF RECEPTACLE, 125V						

	ELECTRICAL SYMBOL LIST							
SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:					
S	SW-1P	26 09 33	SWITCH - SINGLE POLE					
s _K	SW-1P-K	26 09 33	SWITCH - SINGLE POLE - KEY LOCK					
s _w	SW-1P-WP	26 09 33	SWITCH - WEATHERPROOF					
s ₂	SW-2P	26 09 33	SWITCH - TWO POLE					
s _{K2}	SW-2P-K	26 09 33	SWITCH - TWO POLE - KEY LOCK					
D _D	SW-D-LED	26 09 33	DIMMER - LED					
Do	SW-OD	26 09 33	DIMMER - WALL DIMMER OCCUPANCY SENSOR					
e	SW-LS-PC	26 09 33	PHOTOCELL					
OC D	SW-OC-D-W	26 09 33	OCCUPANCY SENSOR - DUAL TECHNOLOGY - WALL MOUNTED					
s _o	SW-0C-P-0	26 09 33	SWITCH - OCCUPANCY SENSOR WALL SWITCH					
\$ ₀₂	SW-0C-P-02	26 09 33	SWITCH - OCCUPANCY SENSOR AND DUAL SWITCH					
TC	TC-#	26 09 33	TIME SWITCH					
S _{LV}	SW-LV	26 09 33	CENTRAL CONTROL - STATION					
	LCS-#	26 09 33	LIGHTING CONTROL STATION					

	ELEC	TRICAL	SYMBOL LIST
SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:
			LINEAR LUMINAIRES
			TROFFER
\Box		WALL SCONCE LUMINAIRE	
0			DOWNLIGHT LUMINAIRE
⟨○			AIMABLE OR WALL WASH LUMINAIRE
	REFER TO LU		INDUSTRIAL LUMINAIRE
오모	SCHED	SCHEDULE WALL BRACKET LUMINAIRE	
□⊸			POLE MOUNTED LUMINAIRE
⊗			SINGLE FACE EXIT SIGN
②			DOUBLE FACE EXIT SIGN
ᄬ⇜			WALL/CEILING EMERGENCY EXIT SIGN
4_			EMERGENCY UNIT

		EMERGENCY UNIT
	APPLICA	BLE CODES
CONTRA	CTOR SHALL COMPLY WITH APP	PLICABLE CODES AND LOCAL AMENDMENTS.
BUILDING CODE	i I	BC 2021 EDITION
FIRE CODE:	II	C 2021 EDITION (NFPA 72 REFERENCES)
PLUMBING COD	E: II	PC 2021 EDITION
MECHANICAL C	ODE:	MC 2021 EDITION
ELECTRICAL CO	DDE: N	IFPA 70 (NEC) 2020 EDITION
ENERGY CONSI	ERVATION CODE:	ECC 2021
LOCAL BUILDIN	G CODE: 2	022 CITY OF SCOTTSDALE AMENDMENTS

E-000	ELECTRICAL COVERSHEET
E-101	SITE PLAN - ELECTRICAL
E-110	LEVEL 1 - OVERALL - FLOOR PLAN - POWER
E-120	LEVEL 2 - OVERALL - FLOOR PLAN - POWER
E-130	LEVEL 3 - OVERALL - FLOOR PLAN - POWER
E-140	ROOF PLAN - ELECTRICAL
E-210	LEVEL 1 - OVERALL - FLOOR PLAN - LIGHTING
E-220	LEVEL 2 - OVERALL - FLOOR PLAN - LIGHTING
E-230	LEVEL 3 - OVERALL - FLOOR PLAN - LIGHTING
E-501	ELECTRICAL SINGLE LINE DIAGRAM
E-502	LIGHTING FIXTURE SCHEDULE AND CONTROL DETAILS
E-503	ELECTRICAL PANEL SCHEDULES
E-504	COMCHECK COMPLIANCE REPORT
E-601	ELECTRICAL DETAILS
E-602	FA RISER, OPERATION MATRIX AND LIGHTING CONTROL DETAILS

ELECTRICAL GENERAL NOTES:

- . (LEMP) INDICATES THE LIGHTING SEQUENCE OF OPERATION FOR THE SPACE, REFER TO THE LIGHTING SEQUENCE OF OPERATION MATRIX ON SHEET ERDOX. "NILT MICROTES LUMPMARIES INSWITCHED FOR NICHT LIGHT." SE'NDICATES LUMPMARIES IS SWITCHED CONTROLLED DURING NORMAL OPERATION AND OPERATION FOR MEMORENCE STATIENT (EXTENDING INOWINICHED CHICALITY LIGHT OF ANTICHY).

- "SE' INDICATES LUMINAIRE IS SYNTCHED CONTROLLED DURING NORMAL OPERATION AND OPERATION ROLLED TO BATTERY (EXTEND UNSWINDED CIRCUIT LEG TO BATTERY) SHADED LUMINAIRE OR DEVICE INDICATES LUMINAIRE OR DEVICE INDICATES LUMINAIRE OR DEVICE IS CONNECTED TO AN EMBRERENCY CROUT.
 REFERT OSHEET 1-692 FOR LUMINAIRE SCHEDULE:
 REFERT OSHEET 1-692 FOR LUMINAIRE SCHEDULE:
 REFERT OSHEET 1-692 FOR LUMINAIRE SCHEDULE:
 DESIGN INTENT AND MAY SOT REPRESENT EVERY DEVICE. PROVIDE MANUFACTURER PROCEDED TO CONTROLLED TO CONTROL

27 26	DUPLEX RECEPTACLE CONTROLLED BY	s
	OCCUPANCY	C N
7 26	QUAD RECEPTACLE CONTROLLED BY OCCUPANCY	, N
27 26	DUPLEX RECEPTACLE, 125V	
27 26	DUPLEX GFI RECEPTACLE, 125V	
27 26	GROUND FAULT DEVICE	LUMI
27 26	DUPLEX GFI WEATHERPROOF RECEPTACLE 125V	
27 26	DUPLEX RECEPTACLE, EXPLOSION PROOF, 125V	LUN
27 26	QUAD GFI WEATHERPROOF RECEPTACLE, 125V	
		"
		DEVI
CAL	SYMBOL LIST	DEV

	ELECTRICAL SYMBOL LIST						
MBOL:	TAG:	SPEC SECTION:	DESCRIPTION:				
-			LINEAR LUMINAIRES				
			TROFFER				
			WALL SCONCE LUMINAIRE				
0			DOWNLIGHT LUMINAIRE				
$\langle \circ \mid$			AIMABLE OR WALL WASH LUMINAIRE				
	REFER TO LU		INDUSTRIAL LUMINAIRE				
오보	SCHED	ULE	WALL BRACKET LUMINAIRE				
□⊷			POLE MOUNTED LUMINAIRE				
⊗			SINGLE FACE EXIT SIGN				
3			DOUBLE FACE EXIT SIGN				
? *•			WALL/CEILING EMERGENCY EXIT SIGN				
4_₽			EMERGENCY UNIT				

- 1	
APF	PLICABLE CODES
CONTRACTOR SHALL COMPL	Y WITH APPLICABLE CODES AND LOCAL AMENDMENTS.
DING CODE:	IBC 2021 EDITION
CODE:	IFC 2021 EDITION (NFPA 72 REFERENCES)
MBING CODE:	IPC 2021 EDITION
CHANICAL CODE:	IMC 2021 EDITION
CTRICAL CODE:	NFPA 70 (NEC) 2020 EDITION
RGY CONSERVATION CODE:	IECC 2021

UMINAIRE K	EV-
LUMINAIRE	ET = FIXTURE TAG T = CIRCUIT NUMBER a = SWITCH DESIGNATION NL = SUBSCRIPT (IF APPLICABLE) Z = ZONE DESIGNATION
	1F LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION, EX: F1 / 1 / 8 / NL
EVICE KEY:	
DEVICE P	A = MOUNTING (IF APPLICABLE) 1 = CIRCUIT NUMBER

'IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: A / 1 $\,$

INFORMATION, EX. A / I

ELECTRICAL MOUNTS SUBSCRIPT KEY

A MOUNT AT 48'T O CENTERLINE ABOVE COUNTER OR BACKSPLASH
C MOUNT AT 48'T O CENTERLINE ABOVE COUNTER OR BACKSPLASH
C MOUNT IN CASEN OF K.
MOUNT IN CASEN OF K.
MOUNT IN MODULAR FUNNITURE
R MOUNT IN SURFACE PRICEWAY
EVEC ELECTRIC WATER COOLER

TYPICAL NEW CONSTRUCTION:

ELECTRICAL INSTALLATION NOTES:

- ELECTRICAL INSTALLATION NOTES:

 1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO THE ADA GUIDLES FOR ALL COMPUTATION DETAILS ON THIS PAGE FOR ADDITIONAL INFORMATION.

 BENACH CIPCLITES BALL AND FOR CIPCLITY DETAILS CHARLES THE STANDARD CAN BE ADDITIONAL STANDARD FOR EACH STANDARD FOR





ADA GUIDELINES - FRONT ACCESS









10"-24" MAX. INSTALL DEVICE AT 42" ABOVE FINISHED FLOOR.

ADA GUIDELINES - SIDE ACCESS

ADA STANDARDS FOR ACCESSIBLE DESIGN

▲ ISSUANCE







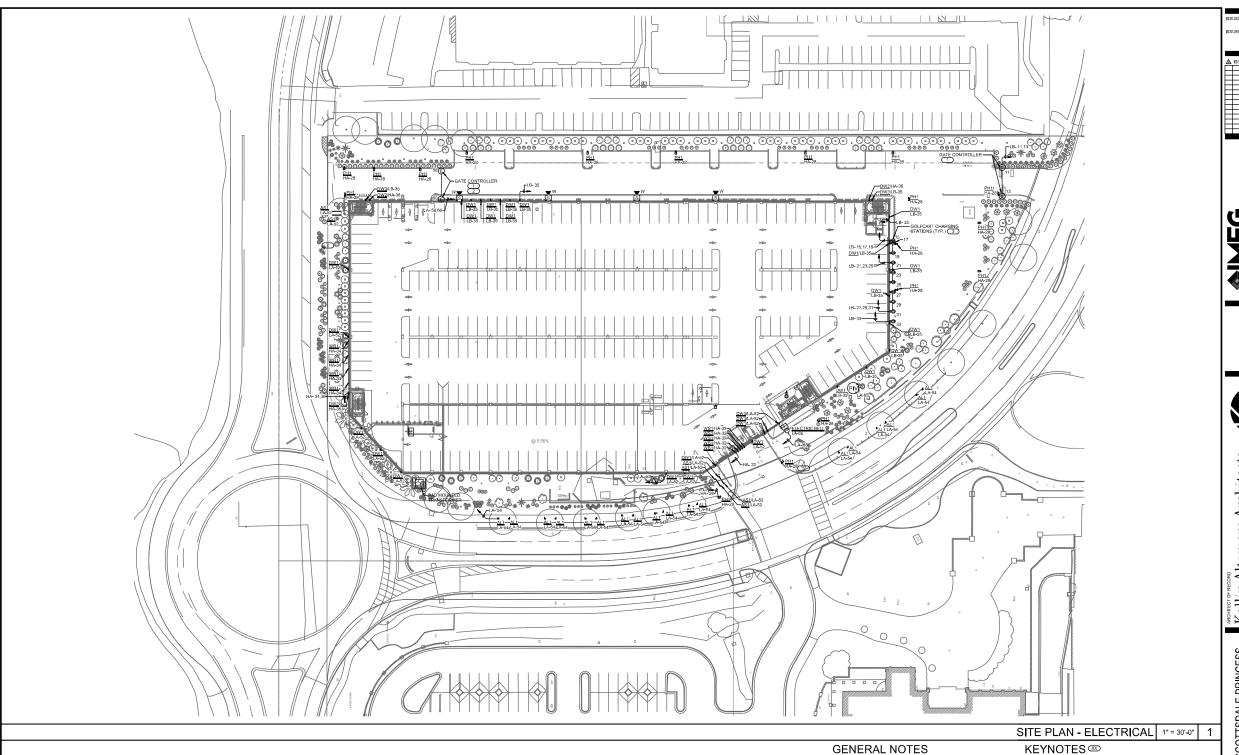
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PRINCESS GARAGE VCESS DRIVE, F AZ RESS S FAIRMONT SCOTTSDALE PARKING (

JOB NUMBER DATE

SHEET NAME ELECTRICAL COVERSHEET

SHEET NUMBER E-000



- CORDINATE ALL UTILITY REQUIREMENTS INCLUDING PROTECTED BOLLARDS WITH UTILITY AND UTILITY SHOP DRAWINGS PRIOR TO ROUGH-IN.
 PROVIDE ALL THE UTILITY EQUIPMENT PADS PER PUBLISHED UTILITY STANDARDS.

- PROVISE THE CONDUIT AND WIRING PROVISION FOR THE GATE CONTROLLERS.
 COORDINATE THE EARCT LOCATIONS AND WIRING REQUIREMENTS FOR THE DEVICES
 PER THE COMMENT CONDUIT LET FLET L.

 PROVIDE WEATHER PROOF OF DUPLE, RECEPTACLE FOR GOLF CART CHARGING.
 COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.

 4. EASTING POLES ALONG EAST PRINCESS BOLLEVARD WILL BE REPLACED WITH NEW
 WILL MEET THE CITY OF SCOTTSDALE STREET LICHTING DESIGN QUEELINES FOR A
 MAJOR COLLECTOR STREET AND WILL BE ETHINE GE ERLH-HOGSSO OR SIGNIFY
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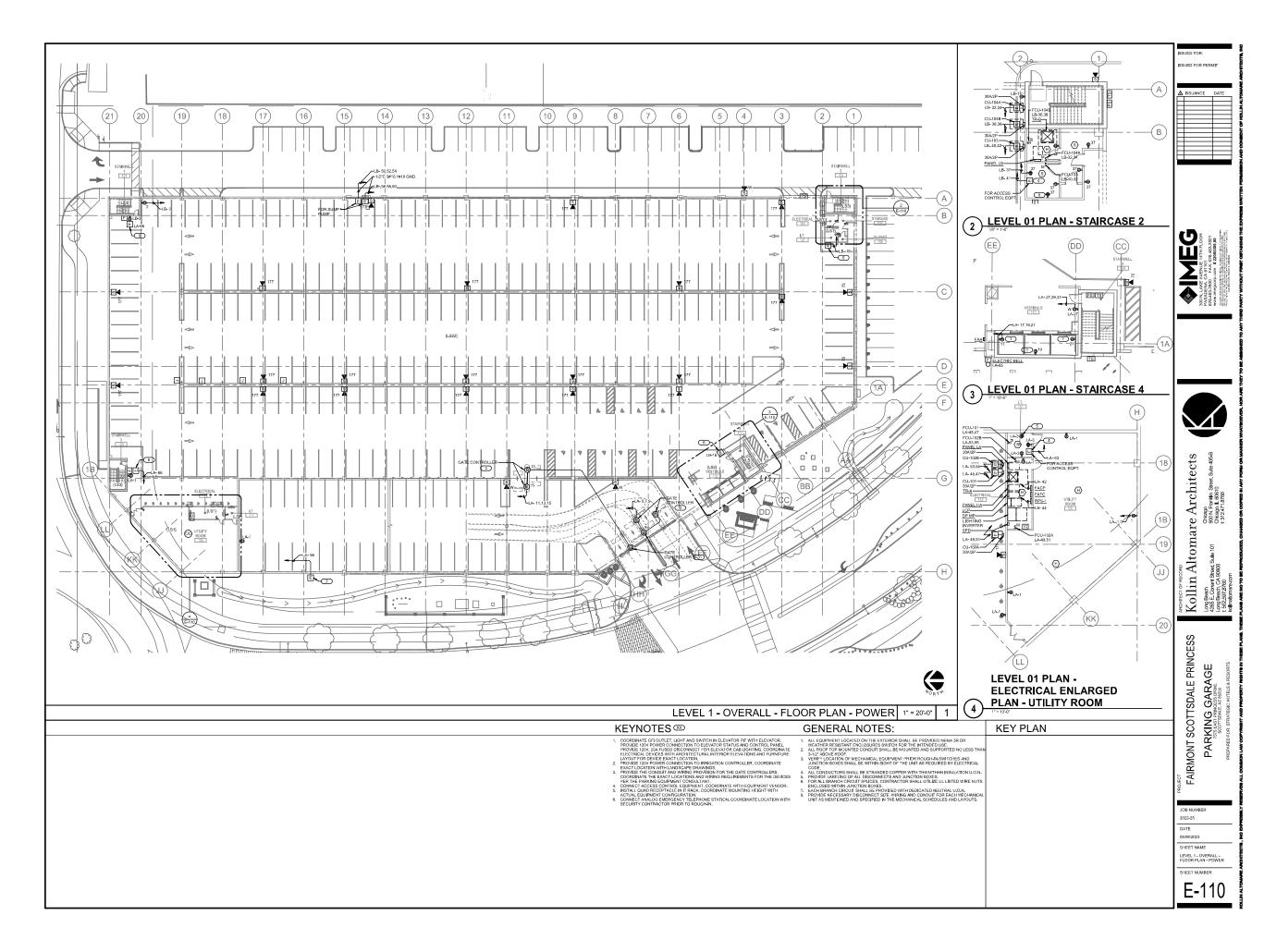
FAIRMONT SCOTTSDALE PRINCESS PARKING GARAGE
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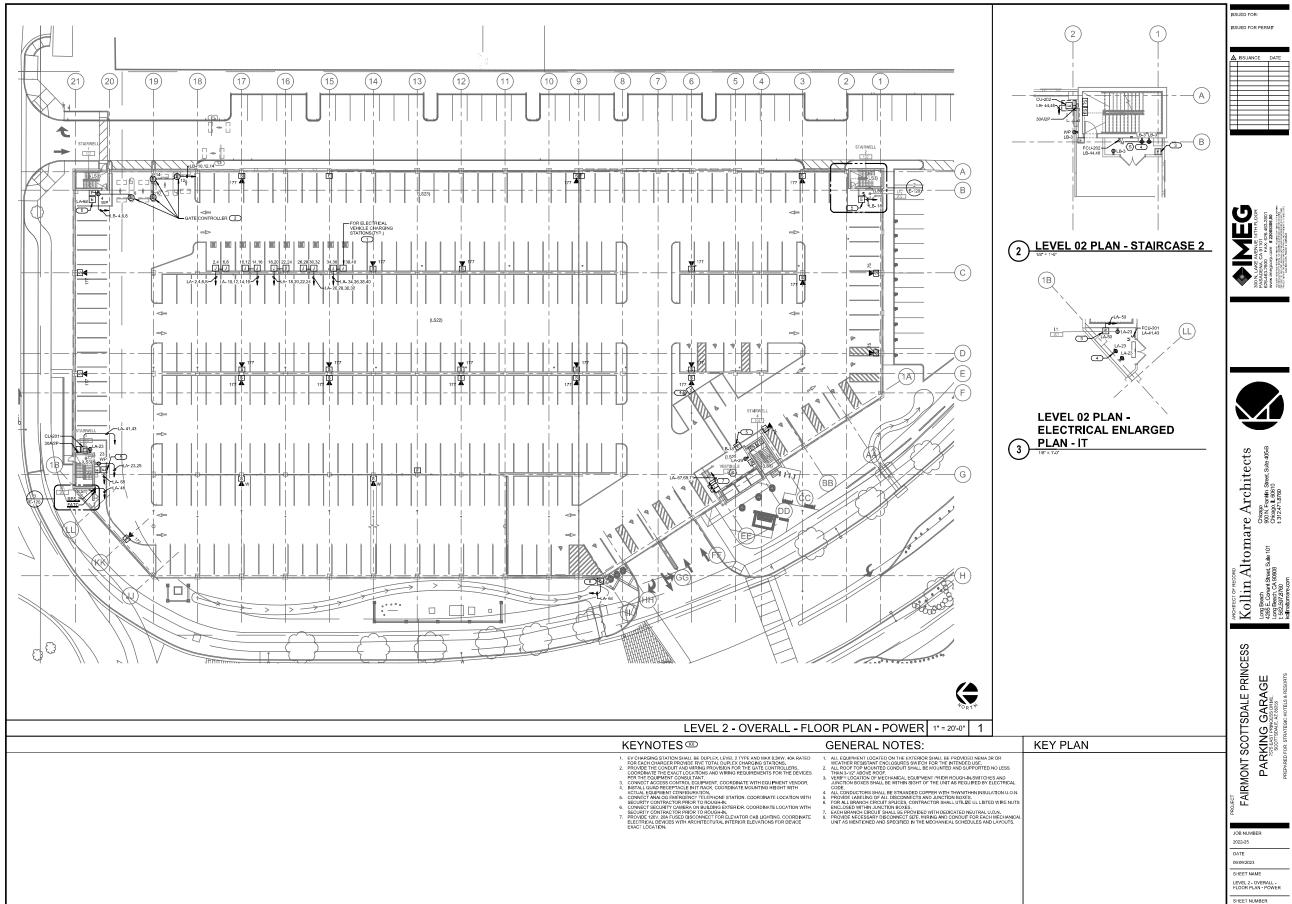
JOB NUMBER

DATE

SITE PLAN - ELECTRICAL

SHEET NUMBER

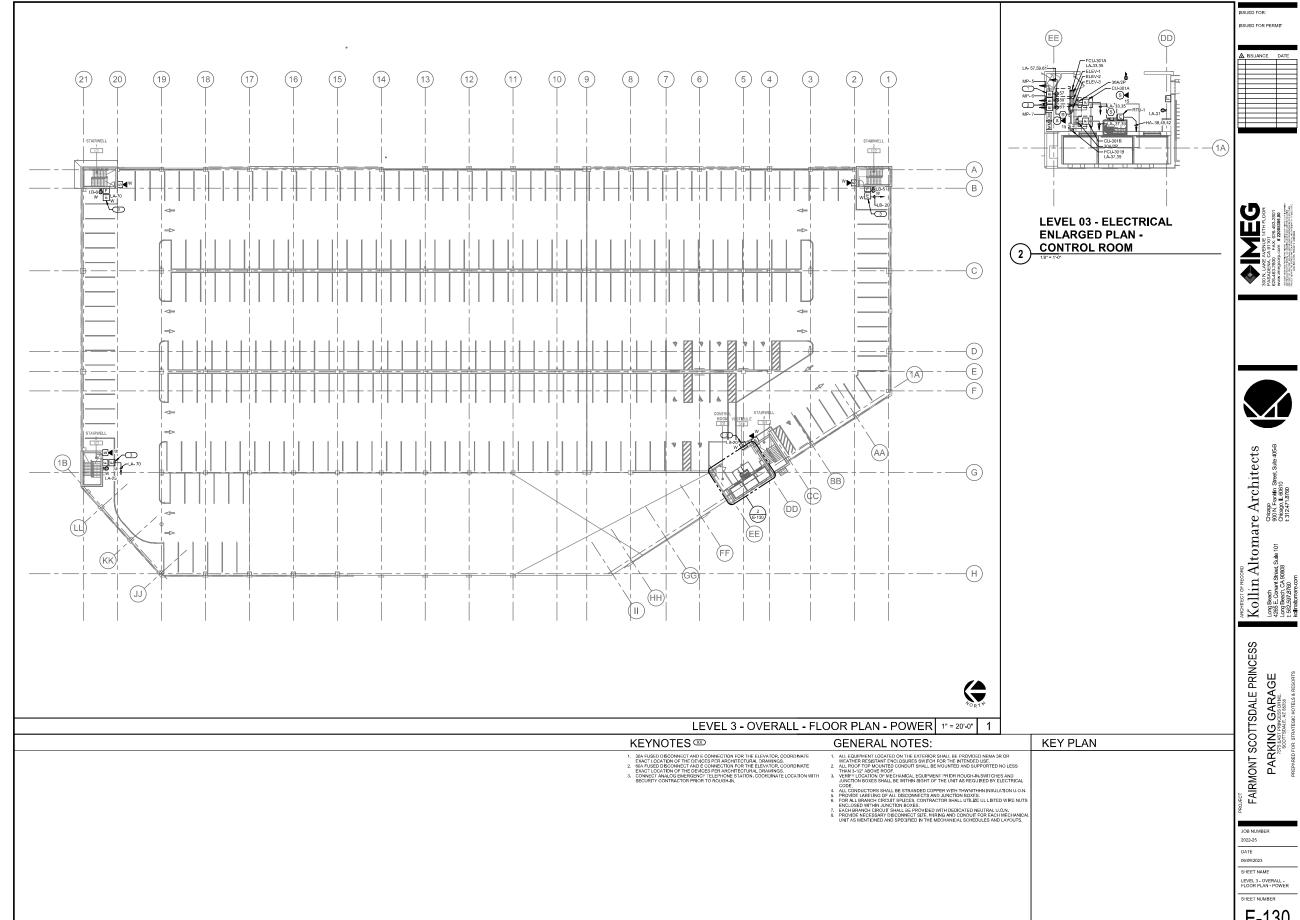


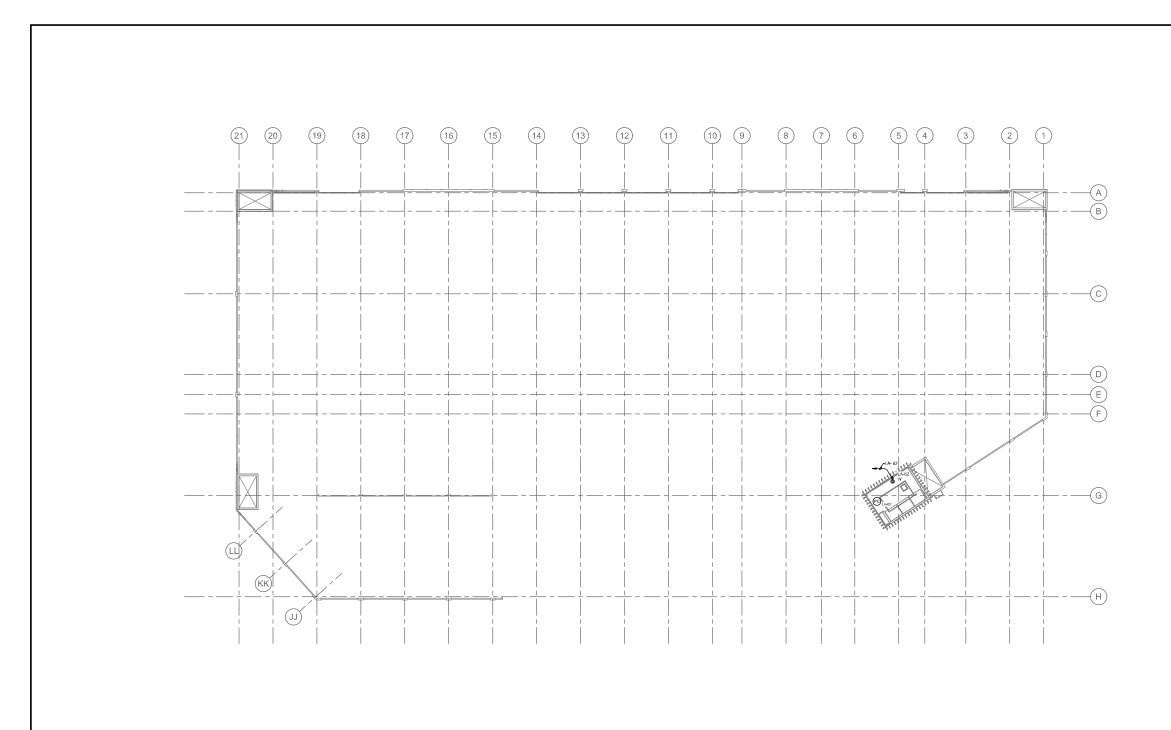


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PARKING GARAGE
TATE AND THE PRINCES DIFFE.
SCOTTS AND THE PRINCES DIFFE.

LEVEL 2 - OVERALL -FLOOR PLAN - POWER





(A)

ROOF PLAN - ELECTRICAL 1" = 20'-0" 1

GENERAL NOTES:

ALL EQUIPMENT LOCATED ON THE EXTERIOR SHALL BE PROVIDED NEMA 3R OR WEATHER RESISTANT ENCLOSURES SWITCH FOR THE INTENDED USE.

KEY PLAN

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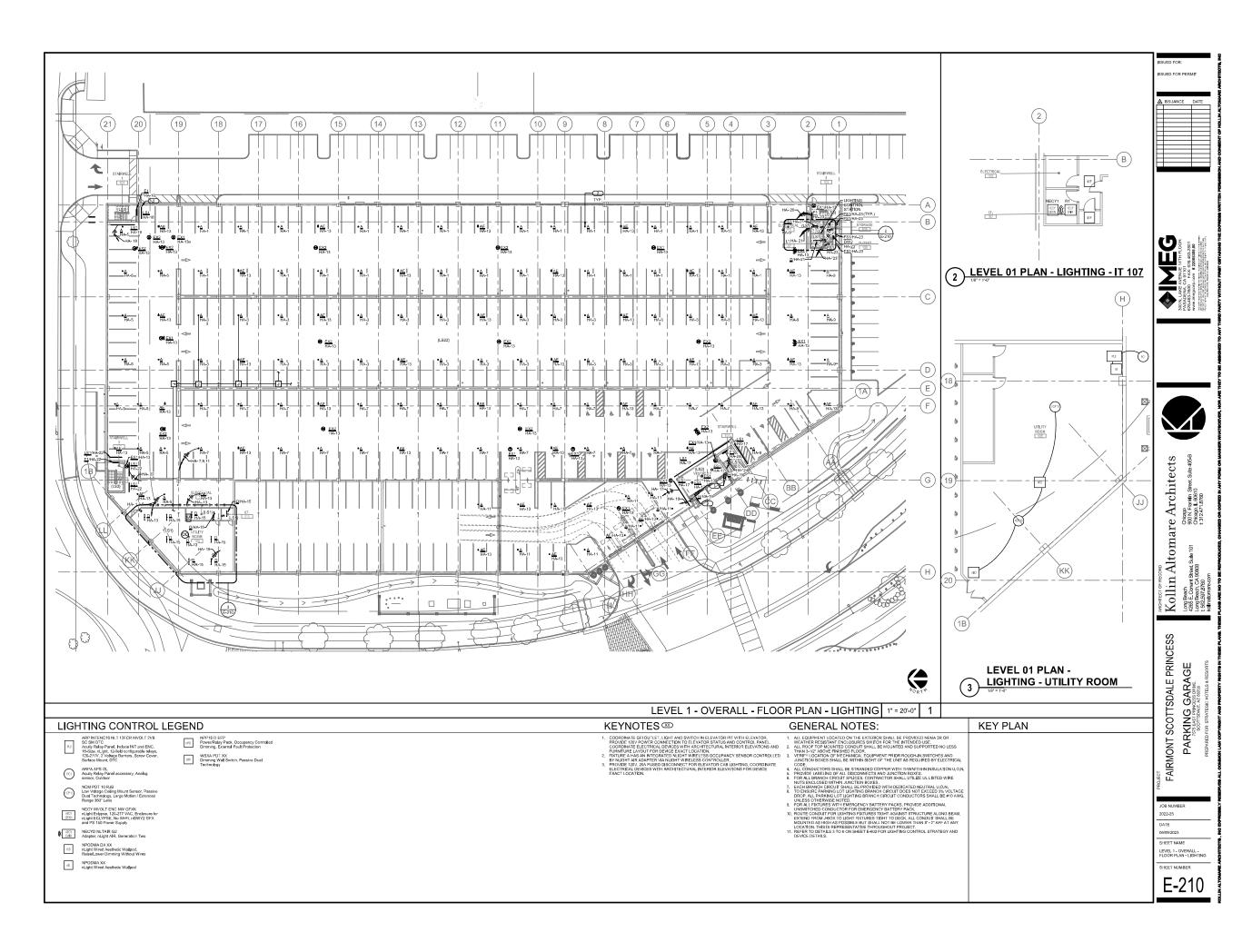
FAIRMONT SCOTTSDALE PRINCESS

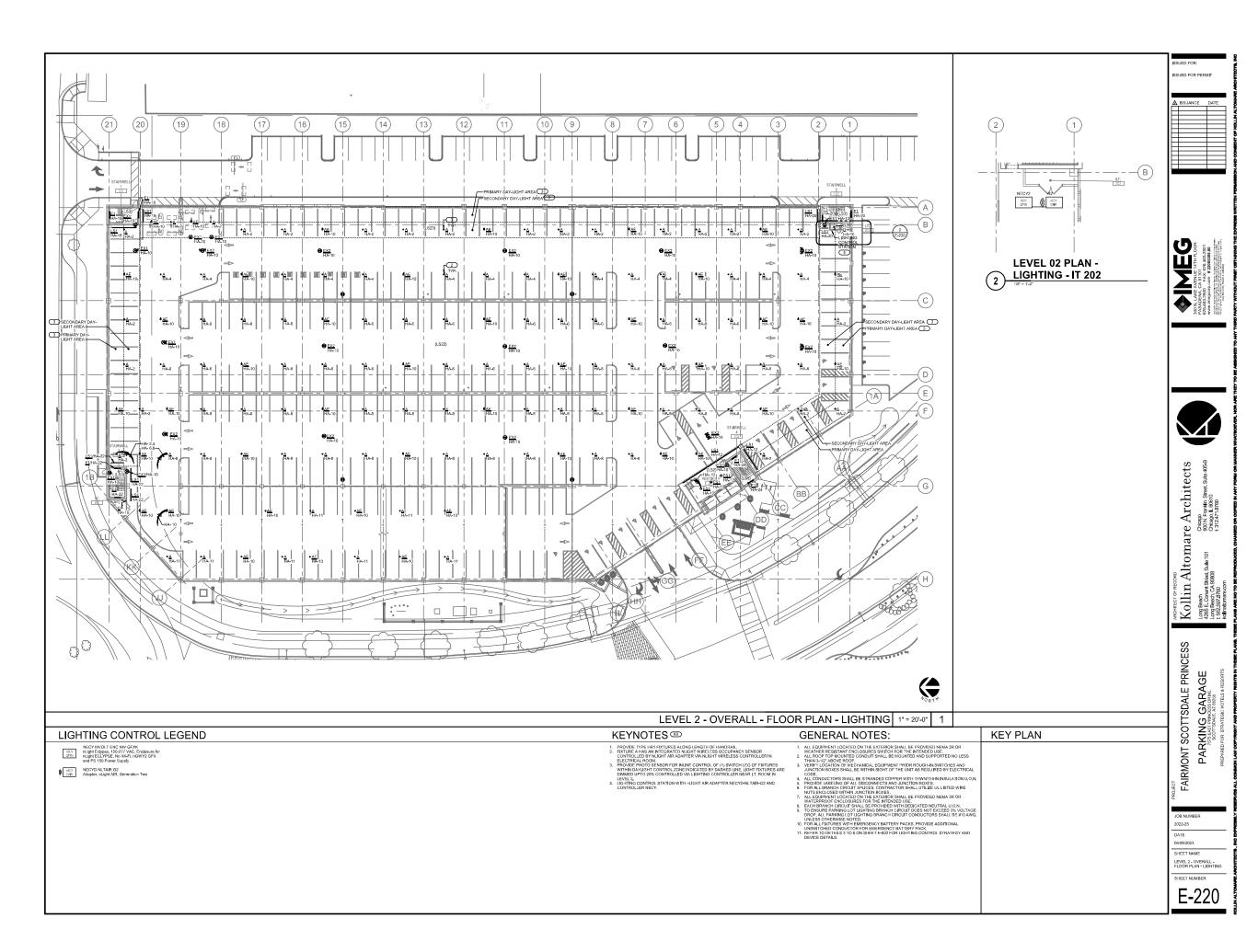
PARKING GARAGE

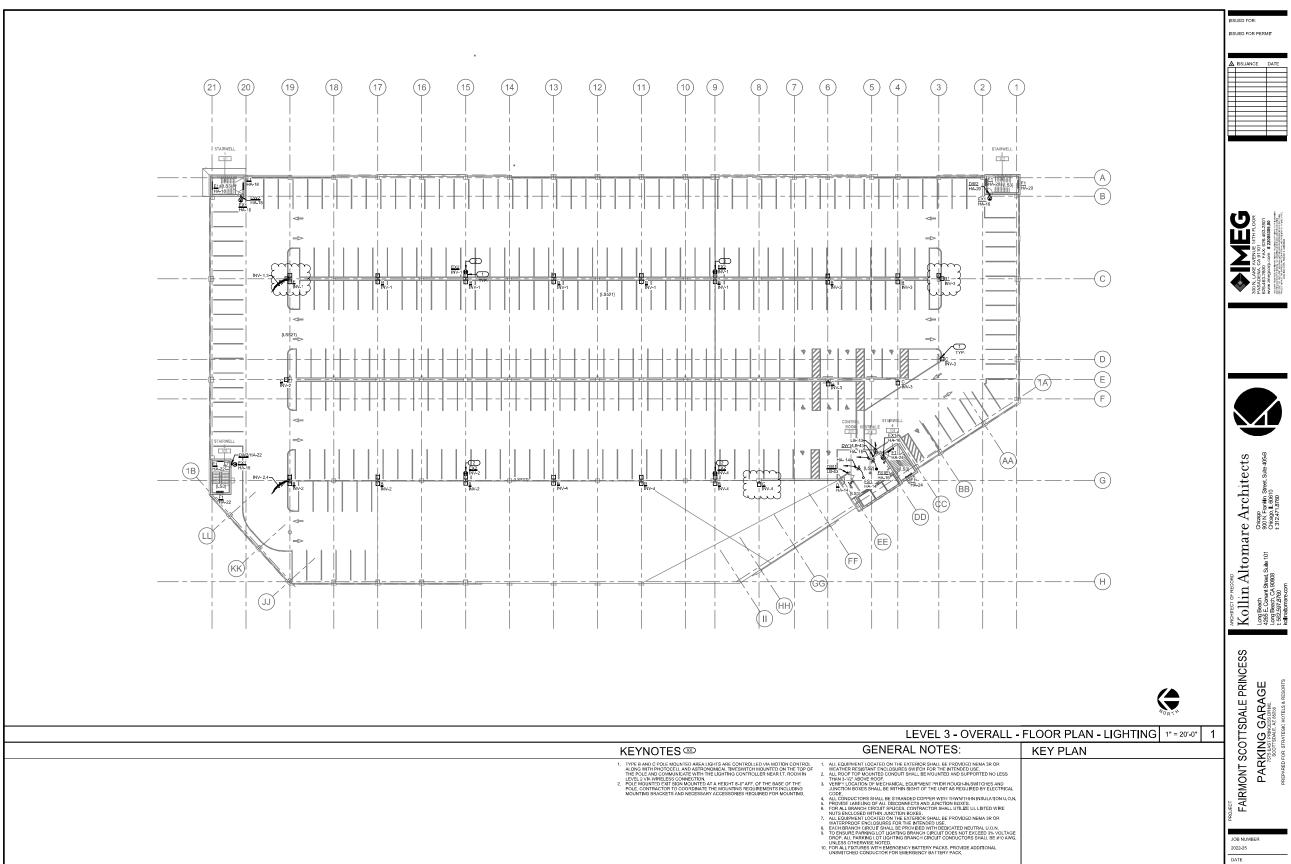
**GOTTSDALE TREASE
PREPARE FOR STRATEGY FORTERS RESORTS

DATE 06/09/2023

ROOF PLAN - ELECTRICAL SHEET NUMBER







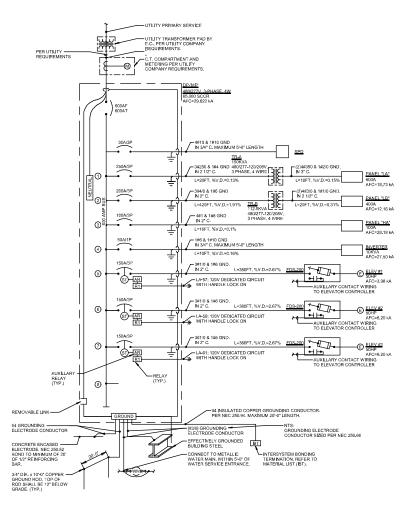
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JOB NUMBER

DATE

SHEET NAME LEVEL 3 - OVERALL -FLOOR PLAN - LIGHTING

SHEET NUMBER E-230



SINGLE LINE DIAGRAM
NO SCALE

		NOTE	: ALL DIS	CONNECTS (EXCEPT	MANUAL S	TARTER	S) SHALL E	E HEAVY DUTY	TYPE.	
DISCONNECT TYPE:			AC	CESSORIES	& OPTION	IS					
FU - FUSED			SA	SA - STANDARD ACCESSORIES (INCLUDES * ITEMS)					PF - PHASE LOS	S PROTE	CTION (5 HP OR GREATER, 3 PHASE,
NF - NON-FUSED				- CONTROL							OVERLOADS (1 PHASE)
CB - CIRCUIT BREAKER				- ELECTRO					TS - 2 SPEED SELECTOR SWITCH IN DOOR		
				*HA - HAND-OFF-AUTO IN DOOR					GP - GREEN (OFF) PILOT LIGHT IN DOOR		
STARTER TYPE:			*RF								GUARY CONTACTS
EV - FULL VOLTAGE	V - FULL VOLTAGE *			- TWO CON				CTS	EI- ELECTRICAL	INTERL	OCK (2)+N.O. & (2)+N.C.
YD - WYE - DELTA				I-INSULATE							UTTON IN DOOR
RE - REVERSING									HL - HANDLE PA		
TW - 2 SPEED, 2 WINDING			_								
SW -2 SPEED, 2 WINDING			_								
RV - REDUCED VOLTAGE AUT	OXEMB		-								
SS - SOLID STATE	570 1001		_								
MS - MANUAL STARTER			_								
MX - MANUAL SWITCH			_								
ES - FUSED SWITCH			_								
AMS-ASSEMBLED MOTOR STA	DTED		_								
AND ASSEMBLED MOTOR STA		ONNECT	TVDE 8		_						
	1000	CONNECT TYPE &				STARTER			REQUIRED		
			TRIP		l	NEMA		1	ACCESSO	RIES &	
ITEM	TYPE	RATING	RATING		POLES	SIZE	TYPE	ENCLOS		NS	COMMENTS
		30 A	30 A	208 V	1	ı		NEMA	1		
	NF										
DS-CU-102A	NF	30 A	30 A	208 V	1			NEMA			
DS-CU-102A DS-CU-102B	NF NF	30 A	30 A 30 A	208 V	i			NEMA	1		
DS-CU-102A DS-CU-102B DS-CU-103	NF NF	30 A 30 A	30 A 30 A 30 A	208 V 208 V	1			NEMA NEMA	1		
DS-CU-102A DS-CU-102B DS-CU-103 DS-CU-104A	NF NF NF	30 A 30 A 30 A	30 A 30 A 30 A 30 A	208 V 208 V 208 V	1 1			NEMA NEMA NEMA	1		
DS-CU-102A DS-CU-102B DS-CU-103 DS-CU-104A DS-CU-104B	NF NF NF NF	30 A 30 A 30 A 30 A	30 A 30 A 30 A 30 A 30 A	208 V 208 V 208 V 208 V	1 1 1			NEMA NEMA NEMA	1 1 1 1 1 1		
DS-CU-102A DS-CU-102B DS-CU-103 DS-CU-104A DS-CU-104B DS-CU-201	NF NF NF NF NF	30 A 30 A 30 A 30 A 30 A	30 A 30 A 30 A 30 A 30 A 30 A	208 V 208 V 208 V 208 V 208 V	1 1 1 1 1			NEMA NEMA NEMA NEMA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
DS-CU-102A DS-CU-102B DS-CU-103 DS-CU-104A DS-CU-104B DS-CU-201 DS-CU-201	NF NF NF NF NF NF	30 A 30 A 30 A 30 A 30 A 30 A	30 A 30 A 30 A 30 A 30 A 30 A 30 A	208 V 208 V 208 V 208 V 208 V 208 V	1 1 1 1 1 1			NEMA NEMA NEMA NEMA NEMA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
DS-CU-102A DS-CU-102B DS-CU-103 DS-CU-104A DS-CU-104B DS-CU-20M DS-CU-202 DS-CU-202 DS-CU-202	NF NF NF NF NF NF	30 A 30 A 30 A 30 A 30 A 30 A 30 A	30 A 30 A 30 A 30 A 30 A 30 A 30 A	208 V 208 V 208 V 208 V 208 V 208 V 208 V 208 V	1 1 1 1 1 1 1 1			NEMA NEMA NEMA NEMA NEMA NEMA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
DS-CU-102A DS-CU-102B DS-CU-103 DS-CU-104A DS-CU-104B DS-CU-201 DS-CU-201 DS-CU-201A DS-CU-301A DS-CU-301B	NF NF NF NF NF NF NF	30 A 30 A 30 A 30 A 30 A 30 A 30 A 30 A	30 A 30 A 30 A 30 A 30 A 30 A 30 A 30 A	208 V 208 V 208 V 208 V 208 V 208 V 208 V 208 V 208 V	1 1 1 1 1 1			NEMA NEMA NEMA NEMA NEMA NEMA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
DS-CLL-102A DS-CLL-102B DS-CLL-102B DS-CLL-103 DS-CLL-104A DS-CLL-104B DS-CLL-201 DS-CLL-202 DS-CLL-201A DS-CLL-201B DS-CLL-201B	NF NF NF NF NF NF NF	30 A 30 A 30 A 30 A 30 A 30 A 30 A 30 A	30 A 30 A 30 A 30 A 30 A 30 A 30 A 30 A	208 V 208 V	1 1 1 1 1 1 1 1 1 1 1 1 1			NEMA NEMA NEMA NEMA NEMA NEMA NEMA NEMA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
DS-CU-101 DS-CU-102A DS-CU-102B DS-CU-102B DS-CU-104B DS-CU-104B DS-CU-201 DS-CU-201 DS-CU-201 DS-CU-201 DS-CU-201 DS-CU-201 DS-CU-201A DS-CU-201B DS-CU-201B DS-CU-201B DS-CU-201B DS-CU-201B DS-CU-201B DS-CU-201B DS-CU-201B	NF NF NF NF NF NF NF	30 A 30 A 30 A 30 A 30 A 30 A 30 A 30 A	30 A 30 A 30 A 30 A 30 A 30 A 30 A 30 A	208 V 208 V 208 V 208 V 208 V 208 V 208 V 208 V 208 V	1 1 1 1 1 1 1 1 1 1			NEMA NEMA NEMA NEMA NEMA NEMA	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

TI	RANSFOR	MER S	CHE	ULE								
Т	TYPE:										ACCESSOR	IES & OPTIONS
┪	K1 - DOE 2016 DRY T	YPE				AUT - AUTOT	RANSFO	ORMER			AL - ALUMIN	IUM WINDINGS
T	K4 - K4 RATED DRY 1	TYPE				BB - BUCK B	OOST				CU - COPPE	R WINDINGS
┪	K13 - K13 RATED DR	Y TYPE				LIQ - LIQUID	FILLED				RS - EPOXY	RESIN ENCAPSULATED
T	HM - HARMONIC MIT	GATING									FL - FILTER	ED
T	PE - NEMA PREMIUM	EFFICIENC	Υ								NV - NON-VI	ENTILATED
7											NL - 200% R	ATED NEUTRAL
T											EL - ELECTE	ROSTATIC SHIELD
Т												
_					MAX.	PRIM	ARY	SECON	DARY			
	ITEM	KVA RATING	TYPE	ENCLOSURE	RISE C		PH	VOLTS	PH	REQUIRED ACC		COMMENTS
TR-		150 KVA	K1		150	480	3	120/208	3	AL, NL		
TR-	В	112.5 kVA	K1		150	480	3	120/208	3	AL, NL		





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FAIRMONT SCOTTSDALE PRINCESS PARKING GARAGE
TATS EAST PRINCESS DRIVE.
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JOB NUMBER

DATE

SHEET NAME

ELECTRICAL SINGLE LINE DIAGRAM SHEET NUMBER

				DIMEN	ISIONS		W	ATT	LED	DRIVER		
ITEM	DESCRIPTION	MTG	L	w	н	DIA.	ANSI WATTS	PER	TYPE	VOLTS	TYPE	MANUFACTURER AND MODEL
AL1	Stake-mounted landscape uplight with glare shield and: • Optics: 35" • Dimensions: 2.45"Ø x 8.65"L Driver Type: Magnetic Low Voltage	PL	4*	4"	9"		12 W	FIX	LED	120 V	0	Aspen LED - Luminaire: ASPEN-A-P2-90-27K-12-35-WSL-KM-C3-(FINISH) - Mount: PM60C
	Sake-mounted linear landscape uplight with: - Oplics: Apyrmathit: Wel Wash - Dimensions: 4" x 4"L - Accessorties: 12" Steel Mounting Spike	0	4"-0"	4*	3"		21 W	FIX	LED	120 V		Hydrel 4750. Staft: White 4750.4T-250LMF-27K-ANVOLT-WWD-KM-MS12-INJB 27T-CR-(FINSH) Junction Box Junction Box Junction Box Junction Box Mounting-17-050-Jiminsh)
DW1	Decorative wall sconce, suitable for exterior, with: • Dimensions: 28.5"H x 4.75"W x 4" Proj. • Rating: wet, darksky	WL	2'-4 1/2"	4 205/256*	4 3/4"		7 W	FIX	LED	120 V	ELV	Hinkley Lighting Mist 1225BZ
DW2	Downlight wall sconce, suitable for exterior, with: • Dimensions: 4.5"H x 4.5"W x 6.7" Proj. • Rating: wet, darksky	WL	4*	4"	0"		18 W	FIX	LED	277 V	ELV	Tech Lighting Bowman 4 700WSBOW 4 Z LED827
DW3	Deccrative wall sconce, suitable for exterior, with: • Dimensions: 15.5"H x 4.75"W x 4" Proj. • Rating: wet, darksky	WL	2'-4 1/2"	4 205/256*	4 3/4"		7 W	FIX	LED	120 V	ELV	Hinkley Lighting Mist 12206Z
FS1	Flush mounted downlight pendant, suitable for exterior, with: • Dimensions: 2.5"H x 15"Ø • Rating:	SP			3/4"	1'-3"	31 W	FIX	LED	277 V	ELV	Modern Forms Pi FM-W44815-2700K-BK
LS1	Suspended mount linear, asymemetric dristricution, with: - Dimensions: - Rating:	SP	<varies< td=""><td>2"</td><td>2"</td><td></td><td>10 W</td><td>FT</td><td>LED</td><td>277 V</td><td>0-10</td><td>A-Light ALD8ST-[Length]-LH-27-CRI-U-H-S-[Finish]-D-[Emergency]-[Options]</td></varies<>	2"	2"		10 W	FT	LED	277 V	0-10	A-Light ALD8ST-[Length]-LH-27-CRI-U-H-S-[Finish]-D-[Emergency]-[Options]
PH1	11' exterior pole-mounted downlight cylinder, with: Optics: type IV downlight Dimensions: 10.7"H x 7.3"Ø Rating: IP65, IK08, B1-U0-G1 Driver: integral, dimming	PL	1'-10"	1'-3"	5 1/2"		38 W	FIX	LED	277 V	0-10	Ligman USA Tango 36 Single Head Post Top - Luminaire: UTA-20011 38w T4 W30 (finish color) 120/277V DIM - Pole: SC76 (finish)
WR1	Recessed steplight, with: Optics: 30 degree Dimensions: TBD Rating: Driver: Wet Location	WL	10 5/8"	4 9/32*	5 5/8"		17 W	FIX	LED	277 V	0-10	Ligman Rado 2 Recessed URA-40541-17W-W27-(finish)-120/277v
WS1	Wall mounted signage light, with: - Optics: 30 degree - Dimensions: TBD - Rating: - Driver: Wet Location	WL			1'40"	6"	11 W	FIX	LED	277 V	0-10	Spectrum Lighting Light SL0306LEDXT-10L-27K-MD-DS10-[Voltage]-WL-[Finish] Mounting Arm PA23

A	Suspended Light. Provide with NLIGHT wireless sensor. Bottom of fixture minimum 8-2" AFF.	SP			6"	8"	43 W	FIX	LED	277 V	0-10	Lithonia Lighting #VCPG LED-V4-P3-40K-80CRI-T5W-MVOLT-PIR-NLTAIR2 PIR
AE	Same as Type A with Emergency Battery pack	SP			6"		43 W	FIX	LED	277 V	0-10 EM	Lithonia Lighting #VCPG
\sim	$\sim\sim\sim\sim$	\sim				\sim				$\sim\sim$		t-RD-A-C-A-D-A-D-A-D-A-D-A-D-A-D-A-D-A-D-A-
3	Pole mount light with dual head and 12' Pole BE. Provide with NLIGHT wireless sensor	PL	2"-3"	2'-3"	1'-7 13/128"			FIX	LED	277 V		Stemberg #1527LED 2A-1527LED-R-24L-27-T4- MDL014-FG-R7 PE HSS USL
31	Pole mount light with dual head (90 degree) and 12' Pole BE. Provide with NLIGHT wireless sensor	PL	2'-3"	2'-3"	1'-7"		176 W	FIX	LED	277 V	MV	Stemberg #1527LED 2A90-1527LED-R-24L-27-T4- MDL014-FG-R7 PE HSS USL
	Pole mount light with single head and 12' Pole. Provide with NLIGHT wireless sensor.	PL	2'-3"	2'-3"	1'-7"		88 W	FIX	LED	277 V	MV	Stemberg #1527LED 1A-1527LED-R-24L-27-T4- MDL014-EG-B7 PE HSS USL
\sim		280	200	000	COSC.		48ADC	FIXO			1000	
	Pole mount light with three head(90 degree) and 12' Pole BE, Provide with NLIGHT wireless sensor		2"-3"	2'-3"	1'-7 13/128"			FIX	LED	277 V	EB	Sternberg #1527LED 3A90-1527LED-R-24L-27-T4- MDL014-FG-R7 PE HSS USL
×	Single-face exit sigh, White themoplastic body, Red letters, Emergency Ni-cad battery inside of sign, Universal arrows/mounting. Self test & diagnostics of inverter and lamps.	حيد	44	ميد	ميد		5W~	his.	THE STATE OF THE S	Way w		Elthonia LOMS 1 EL (SD) MCPHILBEN CXXIL
X2	Double-face exit sign, White thermoplastic body, Red letters, Emergency Ni-cad battery inside of sign, Universal arrows/mounting. Self test & diagnostics of inverter and lamps.	CL	1'-1"	2"	9"		5 W	FIX	LED	277 V		DusHLite LXU [I] Lithonia LQMS 3 EL [SD] MCPHILBEN CXXL3
-1	Wall mounted linear light with integral battery	WL	4"-0"	6"	4"		40 W	FIX	LED	277 V	EM	Lithonia BLWP with nLight AIR wireless platform 2700K
-S1E	Same as Type FS1 with Integral Battery.	RE			3/4"	1'-3"	31 W	FIX	LED	277 V	ELV	Modern Forms PI FM-W44815-2700K-(Finish)
н	Globe light for Elevator pit	W	_		_		15 W	FIX	LED	277 V	FB	i w re-actor strong fringing

LIGHTING SEQUENCE OF OPERATION

INOTES:

IL JUMP DENOTES THE LIGHTING SEQUENCE OF OPERATIONS FOR THIS SPACE.

JUMP JUST BUTTON REFERS TO SCENE QUANTITY. CONTROL STATION SHALL BE CAPABLE OF [RAISELOWER AND]

SWITCHING ONDER FOR MILTIPE S CENES AS INJOICATED ON SHEETS AND THE LIGHTING SEQUENCE OF OPERATIONS (LIM).

COCKRIGHTE QUANTITIES OF BUTTONS FOR CONTROL STATIONS WITH LIGHTING CONTROL MANUFACTURER.

ASSOCIATED WITH THE SAME ZONE SHALL OPERATE TEGESTEES WITH GUIDEN FOR FOR MANUFACTURE OVER LIGHTING SWITCH OSCIENCE OF THE WITHOUT THE SAME ZONE SHALL OPERATE TEGESTEES WITHOUT THE THE PROGRAMMED SCENE.

A SERIEY AND CORROMATE ALL INSIDE BUTTON WALL DEVICES AND QUANTITIES OF PROVIDENCE MANUFACTURES.

B. VERIEY AND COORDINATE ALL PUSH BUTTON WALL DEVICES AND QUANTITIES OF PROVIDENCE BUTTONS WITH SCENES AND CONCRIDENCE ALL PUSH BUTTON WALL DEVICES AND QUANTITIES OF PROVIDENCE BUTTONS WITH SCENES AND CONCRIDENCE ALL PUSH BUTTON WALL DEVICES AND QUANTITIES OF PROVIDENCE BUTTONS WITH SCENES AND CONCRIDENCE ALL PUSH BUTTON WALL DEVICES AND QUANTITIES OF PROVIDENCE BUTTONS WITH SCENES AND CONCRIDENCE AND CONCRIDENCE BUTTONS WITH SAME SWITH OWNER PROPIOR TO SHAME SWITH O

PLAN ID	LIGHTING SWITCHED
(LS1)	Sequence: Switched lights are manually controlled in this space. ON: The lights turn or using switches. OFF: After the space has been vacant for 30 minutes, the lights will automatically turn off.
(LS2)	Sequence: Switched luminaires are controlled in this space. ON: The luminaires are turned on using switches at every other floor level in the shaft. OFF: The luminaires are manually turned off.
{LS3}	Sequence: Switched multi-level lights are occupancy controlled in this space. ON: The lights in the space will automatically turn on to 100% when the space becomes occupied. OFF: After the space has been vacant for 30 minutes, the lights will reduce to a minimum of 50% level.
{LS22}	Sequence: Switched lights are occupancy controlled in this space. On: The normal lights will automately turn on to 100% when the space becomes occupied. Egress lights will remain on all times. The security system shall have an over-ride to turn all lights to 100% on. AUJUST: After be zone has been vacant for 30 minutes, the lights will be reduced to 50% power.
{LS23}	Sequence: Switched lights are occupancy controlled in this space, ON: The lights in a zone will automatically turn on to 100% when the space becomes occupied. Egress lights will remain of all fines. The security exercising health have a representation to the result invite to 100% on

ON: The lights in a zone will abornatically turn on to 100% when the space becomes occupied. Egress lights will remain on at all times. The security system shall have an overvice to but in 1 gives to 100% over the security of the security

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Original Character State 105

Lorg Beach Character State 105

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FAIRMONT SCOTTSDALE PRINCESS PARKING GARAGE
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SCOTTS AND THE STATE OF THE STA

DATE

SHEET NAME LIGHTING FIXTURE SCHEDULE AND CONTROL DETAILS

SHEET NUMBER E-502

	ENC FE	DUNTING: SURFACE LLOSURE: NEMA PB 1 ED FROM: 600 A/3P @ TR-A DCATION: ELECTRICAL 112								SOL	ID NEI OUND	JTRAL						P	MAIN: 600 A MCB OLTS: 120/208 Wye HASE: 3 WIRE: 4 SCCR: 22 kA ISC: 18.72 kA			
N	OTES	3:																				
K E Y	CKT NO.	LOAD DESCRIPTION	OCF AMPS	'D P	ı	WIRI SIZE N	E G	Γ.	Α		В		:	G	MRI SIZE N	E H		DCPD AMPS	LOAD DESCRIP		KT	KEY
\Box		RECEPTACLES - UTILITY RM	20 A	1		12		1,26	3,6					8	8	8	2	40 A	EV CHARGING STATIONS - L		2	2
4		RECEPTACLES - IT RM GATE CONTROLLERS - LEVEL 1	20 A 15 A	1		12		-	-	0.9	3.6	1.2	3.6	8	8	8	2	40 A	- EV CHARGING STATIONS - L		6	2
\dashv		GATE CONTROLLERS - LEVEL 1	15 A		12			1.2	3.6	-		1.2	3.0	-	-	-	-	40 A	EV CHARGING STATIONS - L		8	Ľ
┪		GATE CONTROLLERS - LEVEL 1	15 A	1		12	12		0.0	1.2	3.6		-	8	8	8	2	40 A	EV CHARGING STATIONS - L		10	2
┪		GATE CONTROLLERS - LEVEL 1	15 A		12	12	12					1.2	3.6	-	-	-	-	-	-		12	-
		GATE CONTROLLERS - LEVEL 1	15 A		12	12		1.2	3.6					8	8	8	2	40 A	EV CHARGING STATIONS - L	EVEL 2	14	2
コ		GATE CONTROLLERS - LEVEL 1	15 A		12					1.2	3.6			ĮΞ	Ξ	Ξ	E	=	-		16	Œ
4	17	RECEPTACLES - ELEVATOR PIT	20 A	1		12	12	0.18	3.6	-	-	0.18	3.6	8	8	8	2	40 A	EV CHARGING STATIONS - L		18	2
4		RECEPTACLES - ELEVATOR PIT RECEPTACLES - ELEVATOR PIT	20 A	1	12	12		U.18	3.6	0.18	3.6	\vdash	\vdash	8	8	8	2	40 A	EV CHARGING STATIONS - L		20 22	2
\dashv		RECEPTACLES - ELEVATOR PIT	20 A	1		12		-	-	0.18	3.0	1.26	3.6	l-	-	-	l-	40 A	- CANDING STATIONS - F		24	-
+		RECEPTACLES - LEVEL 3	20 A	1	12	12	12	0.18	3.6		\vdash		0.0	8	8	8	2	40 A	EV CHARGING STATIONS - L		26	2
╛	27	RECEPTACLES - LEVEL 1	20 A	1	12	12	12			0.18	3.6			-	-	-	-	-	-		28	-
	29	RECEPTACLES - LEVEL 2	20 A	1	12	12	12					0.18	3.6	8	8	8	2	40 A	EV CHARGING STATIONS - L		30	2
		RECEPTACLES - LEVEL 3	20 A	1	12	12		0.18	3.6					ᆕ	ΙΞĪ	Ę	ΙΞ	I =	-		32	Œ
3	33	OU-301A	30 A	2	10	10	10	_	_	1.92	3.6			8	8	8	2	40 A	EV CHARGING STATIONS - L		34	2
3	35 37	CU-301B	30 A	2	10	10	10	1.92	3.6	\vdash		1.92	3.6	8	8	8	2	40 A	EV CHARGING STATIONS - L		36 38	2
-	39	-	30 A	†÷	-	-	-	1.02	3.0	1,92	3,6		_	-	-	-	É	40 A	EV CHARGING STATIONS* L		40	H
3	41	CU-201	30 A	2	10	10	10			1100	0,0	1.92	0.2	12	12	12	1	20 A	FACP		42	1
=1	43	=	-	1-	-	-	-	1,92	0.5					12	12	12	1	20 A	RPS-1		44	1
3	45	CU-101	30 A	2	10	10	10			1.92	0.5			12	12	12		20 A	RPS-2		46	1
_	47	=		ᆂ	1-	느	-					1.92	0.5	12	12	12		15 A	ACCESS CONTROL EQPT		48	┖
3	49 51	OU-102A	30 A	2	10	10	10	1.92	0.5	1.92	0.29		_	12	12	12		15 A	ACCESS CONTROL EQPT LIGHTING - EXTERIOR		50 52	⊢
3	53	OU-1028	30 A	2	10	10	10	_	_	1.92	0.23	1.92	0.24	10	10	10		20 A	LIGHTING - EXTERIOR		54	Н
Ť	55	_	-	ŧΞ	-	-	-	1.92	1.2			1,02	0.21	10		10			IRRIGATION SYSTEM		56	Н
1	57	RELAY - ELEV #1	20 A	1	12	12	12			0.18	1.2			12	12	12	1	15 A	GATE CONTRILERS - LEVEL	1 EXT	58	Г
1		RELAY - ELEV #2	20 A		12	12						0.18	1.2	12	12	12		15 A	GATE CONTRILERS - LEVEL		60	Г
1		RELAY - ELEV #3	20 A	1		12		0.18	0.18				_	12	12	12		20 A	RECEPTACLES - ROOF ELEV		62	4
-	63 65	FOR ACCESS CONTROL EQPT. ELECTRIC BELL + PIV	15 A 20 A		12 12	12		_	-	0.5	0.05	0.0	0.05	12 12	12	12		15 A	SECURITY CAMERA TELEPHONE STATION - LEVE		64 66	Н
\dashv		ELEV CAB LIGHT	20 A	1		12		0.2	0.05	-		0.2	0.05	12	12	12		20 A	TELEPHONE STATION - LEVE		68	Н
+		ELEV CAB LIGHT	20 A	1		12	12		0.00	0.2	0.05		\vdash	12	12	12		20 A	TELEPHONE STATION - LEVE		70	H
7	71	ELEV CAB LIGHT	20 A	1		12	12			1	1	0,2	0	ΙĒ	T-	=	1	20 A	SPARE		72	r
Ξ	73	SPARE	20 A	1	Ŀ	Ξ	_	0	0					Ξ	Ξ	Ξ	1	20 A	SPARE		74	Œ
=1	75	SPARE	20 A	1	Ε	Ε	Ξ			0	0			Ξ	Ξ	Ξ	1	20 A	SPARE		76	Œ
=4	77	SPARE	20 A	1		느	1-	Ļ	<u> </u>	<u> </u>	-	0	0	느	느	느	1	20 A	SPARE		78	Ŀ
=	79 81	SPARE SPARE	20 A	1	1=	⊨	⊢	0	0	0	0	-	-	⊨	F	ᆖ	1	20 A	SPARE SPARE		80 82	۲
₽	83	SPARE	20 A	1	ΗĒ	E	ΗĒ	-	-	0	V	0	0	E	E	E	1	20 A	SPARE		82 84	H
_	00	PR- C-C-P-	1207	-	_	al Lo	oad:	39.8	7 KVA	39.49	kVA		kVA	Н	_	ı,	Ė	2011	I=			_
					Tota			33	3.66	333	3.47		0.42		_		1					
										DAD S						_						
		ASSIFICATION	co				OAE	DEN		ACTO	R ES		ED DE 6 kVA	MAN	4D	-			TOTALS*			
ign Xhe	ting		-		528 0.1 k			+	125.0		+		1 kVA		-	TO	ΤΔΙ	CONNI	CTED LOAD:	114.21 kVA		_
OW			-		3.18			+	100.0		+		18 kVA	_	-				ATED DEMAND LOAD:	132.34 kVA		_
	eptad	es			5.4 k			+	100.0		+		4 kVA						CTED AMPS:	317.01 A		_
	Chargi	ing Station			72 k\	/A		土	125.0	0%	土	90	kVA			то	TAL	ESTIM.	ATED DEMAND AMPS:	367.3 A		Ξ
ľ		*TOTAL DEMAND CALCS SUBTRAG JIT KEY NOTES: 1, PROVIDE LOCK																				1
L															_	_	_					_

					DP	MP				
FEC	OSURE: NEMA PB 1 D FROM: 01和印象PAD MOUNT CATION: ELECTRICAL 112					NEUTRAL ND BUS		MAIN: 600 A M VOLTS: 480/277 Wye PHASE: 3 WIRE: 4 SCCR: 65 kA ISC: 29 62 kA	MCB	
NOTES	3:							100. 20.02 87		
скт	LOAD DESCRIPTION	LOAD	POLES	FRAME	TRIP	TYPE	ACC.	WIRE AND RACEWAY		CIRCU
-1	TR-A	115,41 kVA	3	250 A	250 A			4#250 & 1#4 EGC IN 2 1/2" C.		
2	TR-8	49.13 kVA	3	250 A	200 A			4#300 & 1#3 EGC IN 2 1/2" C.		
3	HA	29.29 kVA	3	150 A	100 A			4#3 & 1#8 EGC IN 1 1/4" C.		
4	INVERTER	3.54 kVA	1	100 A	50 A			2#6 & 1#8 EGC IN 3/4* C.		- 1
5	ELEV#1	56.62 kVA	3	250 A	150 A			3#1/0 & 1#6 GND. IN 2" C.		
6	ELEV #2	56.62 kVA	3	250 A	150 A			3#1/0 & 1#6 GND. IN 2" C.		
7	ELEV#3	56-62 kVA	3	250 A	150 A			3#1/0 & 1#6 GND. IN 2" C.		
8	SPARE	0 kVA	- 1	100 A	100 A	-	-	-		-
9										
10										
11										
12										
						ALL TUBS IN		.)		
OAD CL	ASSIFICATION	CONNECTED						TOTALS*		
ghting	·	25.526 k ³		125.0		31.908				
ther		0.1 kVA		100.0		0.1 k		TOTAL CONNECTED LOAD:	366.02 k\	
ower	·	249,211 k		100.0		249,21		TOTAL ESTIMATED DEMAND LOAD:	385,809 k	(VA
eceptad		19.18 kV		76.07		14.59		TOTAL CONNECTED AMPS:	440.25 A	
V Chargi	ing Station	72 kVA		125.0	10%	90 k	VA	TOTAL ESTIMATED DEMAND AMPS:	464.1 A	
	*TOTAL DEMAND CALCS SUBTRACT.	ANY REDUNDANT	LOAD AT	ND THE SI	MALLER	OF ANY NON	COINCIDENT	HVAC LOADS, THIS CALC IS DONE AT	EACH PAN	IEL.
CIRCU	IT KEY NOTES: 1, COORDINATE BR	EAKER SIZE WITH	H INVERT	ER MANU	FACTUR	ER.				
1	2. COORDINATE BR	EAKER SIZE WITH	H ELEVAT	OR MANU	JFACTUR	RER.				

									F/	١NE	LF	1A									
	ENC FE	DUNTING: SURFACE LOSURE: NEMA PB 1 ID FROM: 100 A/3P @ MP DCATION: ELECTRICAL 112									ID NEU	JTRAL BUS						P	MAIN: 100 A MCB OLTS: 480/277 Wye HASE: 3 WIRE: 4		
																			SCCR: 35 kA ISC: 28.72 kA		
N	OTES	:																			7
	скт		ОСР		l	WIR			Ą		3		;		MRE			CPD		скт	
1	NO.	LOAD DESCRIPTION	AMPS	P	н	N	G							G	N	н	Р	AMPS	LOAD DESCRIP	TION NO.	Y
J		LIGHTING - LEVEL-1	20 A	1				1.15	1,1						12		1		LIGHTING - LEVEL-2	2	I
ſ		LIGHTING - LEVEL-1	20 A	1			12			1,15	0.67				12	12	1		LIGHTING - LEVEL-2	4	Г
ľ		LIGHTING - LEVEL-1	20 A	1								0.53	1.24		12		1		LIGHTING - LEVEL-2	6	Г
		LIGHTING - LEVEL-1	20 A	1				1.05	1.05							12	1		LIGHTING - LEVEL-2	8	Г
		LIGHTING - LEVEL-1	20 A	1			12			0.33	2.28				10		1		LIGHTING - LEVEL-2	10	
		LIGHTING - LEVEL-1 & 2 RAMP	20 A	1	12		12					0.72	0.67		12	12	1		LIGHTING - LEVEL-2 ELEV. LO		
Ī		LIGHTING - LEVEL-1	20 A	1	10		10	2.1	0.05						12	12	1		LIGHTING - LEVEL-3 ELEV. LO		Т
		LIGHTING - 105 UTILITY ROOM	20 A	1						0.43	0.02					12	1		LIGHTING - LEVEL-3	16	I
ı		LIGHTING - LEVEL-1 ELEV. LOBBY	20 A		12		12					88.0	1.44		10		1		LIGHTING - 101 STAIRWELL-1		L
L		LIGHTING - ELEV. PIT	20 A	1				0.03	1.05						10		1		LIGHTING - 102 STAIRWELL-2		L
L	21	LIGHTING - 106 ELEC, RM + 107 IT RM,	20 A	1	12		12			0.05	1.44				10	10	1	20 A	LIGHTING - 103 STAIRWELL-3		L
1	23	LIGHTING - 108 STOR, + 109 CLOSET	20 A	1			12					0.02	0.89		10	10	1		LIGHTING - 104 STAIRWELL-		┸
1	25	SPARE	20 A	1		느	느	0	0	_	_			_	느	_	1		SPARE	26	ᅸ
1		SPARE	20 A	1	-	-	-			0	0.76				10		1		LIGHTING - EXTERIOR	28	┸
4	29	SPARE	20 A	1	-	-	-					0	0	-	=	_	1		SPARE	30	┶
4		SPARE	20 A	1	-	-	느	0	0.06	_		_			10		1		LIGHTING - EXTERIOR	32	+
4		SPARE	20 A	1	-	느	-	_	_	0	0.08					10	1		LIGHTING - EXTERIOR	34	╄
4		SPARE	20 A	1	-	1=	1=1	_		_	_	0	0.06		10	10	1		LIGHTING - EXTERIOR	36	╀
ļ	37	SPARE	20 A	1		-	-	0	2.66	_				10	10	10	3		RTU-1	38	+
4	39	SPARE SPARE	20 A	1	-	-	-			0	2,66			1	-	ш	Ξ	-	-	40	ĻΞ
1	41	SPARE	20 A	1	느	L-	ب					0	2.66	_	느	느	브	-	-	42	ᅸ
				_		al Lo			1 kVA .64	9.87		9.10		-	_	-	ł				
									LC	DAD SI	JMMAI	RY									
Α	D CL	ASSIFICATION	co	NNI	CT	ED L	OAD	DEN	IAND F		R ES	TIMAT			1D				TOTALS*		
ht	ting					kV/			125.0				31 kV/						TOTALS		
WE	er			7.	981	kVA			100.0	3%		7.9	31 kVA						CTED LOAD:	29.29 kVA	
_																			ATED DEMAND LOAD:	34.612 kVA	
								Τ			1					TO	TAL	CONNE	CTED AMPS:	35.23 A	
																TO	TAL	ESTIM/	ATED DEMAND AMPS:	41.6 A	
_		TOTAL DEMAND CALCS SUBTRACT	ANY RE	DUI	NDA	NTL	OAD.	AND	THE SI	MALLE	R OF A	NY NO	NCOI	(CIE	ENT	HV.	AC I	OADS.	THIS CALC IS DONE AT	EACH PANEL.	
C	CIRCU	IT KEY NOTES:																			7

									- IN	1/							
	ENCLC FED	NTING: SURFACE ISURE: NEMA PB 1 FROM: 50 A/IP @ MP ATION: ELECTRICAL 112							ID NEU						MAIN: 50 A MCB VOLTS: 277 Single PHASE: 1 WIRE: 2 SCCR: 35 kA ISC: 27.50 kA		
NO	TES:																
K E Y	CKT NO.	LOAD DESCRIPTION	OCP AMPS	D _P		WIRE SIZE N					WIRE SIZE N			OCPD AMPS	LOAD DESCRIPTIO	CKT NO.	
	1	LIGHTING - LEVEL-3	20 A	1	10	10	10	1.28	0.69	10	10	10	1	20 A	LIGHTING - LEVEL-3	2	T
	3	LIGHTING - LEVEL-3	20 A	1	10	10	10	0.88	0.69	10	10	10	1	20 A	LIGHTING - LEVEL-3	4	
-	5	SPARE	20 A	1	-	-	-	0	0	-	-	-	1	20 A	SPARE	6	1-
	7			_	╙	_	╙			_	_	ш				8	_
_	9		_	⊢	⊢	_	-	_		⊢	⊢	Н		-		10	+
	11			-	┢	_	\vdash			-	—	\vdash	_	\vdash		12	+
_	15		_	\vdash	-		\vdash			-	\vdash		-	-		16	+
	17		_	_	\vdash		_	_						 		18	+
				_	۲,	Total	Load:	3,54	kVA		_	-		-	!	1.0	-
							Imps:	12		-		_					
								LOAD SI									
		SIFICATION	CONNEC	TED	ΙΟΔΠ	IDE				IMAT	ED DE	MAN	пΤ				
OAI	CLAS	01.10.1.10.1		2 kV/		-	125		1		28 kV/		7		TOTALS*		
						-							ተ	TOTAL CO	NNECTED LOAD:	3.54 kVA	
L OA L																	
						+								TOTAL ES	TIMATED DEMAND LOAD:	4.428 kVA	
						F			\vdash						DIMATED DEMAND LOAD: DINNECTED AMPS:	4.428 kVA 12.79 A	

	OTES	ED FROM: 400 A/3P @ TR-B DCATION: ELECTRICAL 108									ID NEU							P	OLTS: 120/208 Wye HASE: 3 WRE: 4 SCCR: 22 kA ISC: 12.63 kA			_
K (скт		ОСР		ı	MRI			۱		В		 c		WIRI			OCPD			скт	
Υ	NO.	LOAD DESCRIPTION	AMPS 20 A	P	12	N 12		0.40	0.00		_		_	G 12	N 12	12	P	20 A	LOAD DESCRIP RECEPTACLES - LEVEL 1	MOIT	NO. 2	Ľ
+		Receptacles RECEPTACLES - LEVEL 2	20 A	1	12	12		0.18	0.56	1.08	0.18	-	\vdash		12	12	1	20 A	RECEPTACLES - LEVEL 1		4	╀
+	5	RECEPTACLES - LEVEL 2	20 A			12	12	-	-	1,06	0.18	0.18	0.18		12	12	+	20 A	RECEPTACLES - LEVEL 2		6	╁
_		SPARE	20 A	1	-	12	12	0	1.2	_	_	0.10	v.10		12	12	+	15 A	GATE CONTROLLERS - LEVE	EI 2	8	+
÷		SPARE	20 A	1	Ε	E	E	-	1.4	0	1.2		-		12	12	1	15 A	GATE CONTROLLERS - LEVE		10	t
+	11	GATE CONTRLIERS - LEVEL 1 EXT	15 A	1	12	12	_	-	-	۲	1.2	1.2	1.2		12	12	+	15 A	GATE CONTROLLERS - LEVE		12	t
+		GATE CONTRLIERS - LEVEL 1 EXT	15 A	1		12		1.2	1.2	_	_	1.6	1.4		12	12	1	15 A	GATE CONTROLLERS - LEVE		14	t
1		FOR GOLF CART CHARGERS	20 A	1		12		1.6	1.6	1	0.05		-			12	1	20 A	TELEPHONE STATION - LEV		16	t
+	17	FOR GOLF CART CHARGERS	20 A		12	12	12	-	-	_	0.00	1	0.05		12	12	1	20 A	TELEPHONE STATION - LEV		18	t
+		FOR GOLF CART CHARGERS	20 A	l i		12	12	1	0.05	_	_	Ė	0.00	12	12	12	1	20 A	TELEPHONE STATION - LEV		20	t
1	21	FOR GOLF CART CHARGERS	20 A	1		12	12	i i	0.00	1	0			-	-	-	1	20 A	SPARE	LLV	22	t
+	23	FOR GOLF CART CHARGERS	20 A	i i	12	12	12	-	-	<u> </u>	Ľ	1	0	E	E	÷	÷	20 A	SPARE		24	t
+	25	FOR GOLF CART CHARGERS	20 A	Ť	12	12	12	1	0	_	_	Ė	-	=	-	_	÷	20 A	SPARE		26	t
1	27	FOR GOLF CART CHARGERS	20 A	1	12	12	12	-	ř	1	0			-	-	-	÷	20 A	SPARE		28	t
1	29	FOR GOLF CART CHARGERS	20 A	1	12	12	12		-		-	1	0	_	-	_	1	20 A	SPARE		30	t
1	31	FOR GOLF CART CHARGERS	20 A	1	12	12	12	1	1.92			_	Ť	10	10	10	2	30 A	CU-104A		32	t
1		FOR GOLF CART CHARGERS	20 A	1		10		_		1	1.92			-	-	-	Ξ	-	-		34	t
+		LIGHTING - EXTERIOR	20 A		12	12	12					0.14	1.92	10	10	10	2	30 A	CU-1048		36	t
+		RECEPTACLES - LEVEL 1	20 A	Ť		12		1.62	1.92					=	=	-	Ē	-	-		38	t
=†	39	SPARE	20 A	1	-	Ξ	=			0	1,92			10	10	10	2	30 A	CU-103		40	t
+	41	FOR ACCESS CONTROL EQPT.	15 A	1	12	12	12					0.5	1.92	-	-	-	Ξ	-	-		42	t
+		LIGHTING - EXTERIOR	20 A	1		12	12	0.01	1.92					10	10	10	2	30 A	CU-202		44	t
=†	45	SPARE	20 A	1	-	Ξ	=			0	1.92			-	=	-	_	-	-		46	t
=†	47	SPARE	20 A	1	-	Ξ	=					0	0	=	=	_	1	20 A	SPARE		48	t
=†	49	SPARE	20 A	1	-	-	=	0	2.01					8	8	8	3	40 A	SUMP PUMP SP-1 LEVEL 1		50	t
=1	51	SPARE	20 A	1	-	-	-			0	2.01			-	-	-	_	-	-		52	t
-1	53	SPARE	20 A	1	-	-	-					0	2.01	-	-	-	-	-	-		54	T
=1	55	SPARE	20 A	1	-	Ξ	Ξ	0	2.01					8	8	8	3	40 A	SUMP PUMP SP-1 LEVEL 1		56	T
=1	57	SPARE	20 A	1	=	Ξ	F			D	2.01			-	-	-	-	-	-		58	Т
-1	59	SPARE	20 A	1	-	Ξ	Ξ					0	2.01	-	-	Н	Н	-	-		60	T
					Tot	al Lo	ad:	18.58	kVA	16.27	7 kVA	14.29	kVA									
					Tota	l An	nps:	157	.37	138	3.08	119	9.07		_							
~	2 01	ASSIFICATION	100				~	DEN			UMMAI					_						
		ASSIFICATION	100		152		UAL	DEN	125.0		K ES	TIMAT	9 kVA	MAP	ΨD				TOTALS*			
ighti			_				_	+			+			_	_	TO	FAI	CONIN	ECTED LOAD:	40.40.644		-
owe			_		202		_	+	100.0		+		02 KVA 89 KVA		_				ATED DEMAND LOAD:	49.13 kVA 47.282 kVA		-
ece	ptacl	es	_	13	1.78	¢νΑ		+	06.28	975	+	11.0	OB KV/	_	_				CTED AMPS:	47.282 KVA 136.38 A		_
								_			_											
		*TOTAL DEMAND CALCS SUBTRAC				_		٠			ـــــــــــــــــــــــــــــــــــــــ								ATED DEMAND AMPS:	131.2 A		_







Kollin Altomare Architects
Gregory Congression and Congression

FALIRMONT SCOTTSDALE PRINCESS
FALING GARAGE
TSTEADS INVIESS PHINE
SCOTTSDALE, ARGUST
REPARED FOR STRATED HOTELS RESORTS

JOB NUMBER
2022-25

DATE
06/09/2023

SHEET NAME
ELECTRICAL PANEL
SCHEDULES

SHEET NUMBER

Area Category	Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-PARKING (Parking Garage:Garage Area)	197554	0.15	29633
2-STAIRS (Common Space Types:Stairwell)	1616	0.49	792
3-IT (Common Space Types:Electrical/Mechanical)	300	0.43	129
4-STORAGE (Common Space Types:Storage)	155	0.38	59
5-VESTIBULE (Common Space Types:Corridor/Transition <8 ft wide)	846	0.71	596
6-UTILITY (Common Space Types:Laundry/Washing Area)	4851	0.53	2571
		Total Allowed Watts =	33780

Proposed Interior Lighting Power				
A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/	C # of	D Fixture	(C X D
rixture is . Sestription / Lamp / Wattage Fer Lamp / Ballast	Fixture	Fixture		,,,,,
1-PARKING (Parking Garage:Garage Area)				
LED: A: Other:	1	198	43	8514
LED: AE: Other:	1	93	43	3999
LED: LS1: Other:	1	248	10	2480
2-STAIRS (Common Space Types:Stairwell)				
LED: F1: Other:	1	8	40	320
3-IT (Common Space Types:Electrical/Mechanical)				
LED: D: Other:	1	3	48	144
LED: FS1: Other:	1	1	32	32
4-STORAGE (Common Space Types:Storage)				
LED: FS1: Other:	1	7	32	224
5-VESTIBULE (Common Space Types:Corridor/Transition <8 ft wide)				
LED: FS1: Other:	1	6	32	192

COMcheck Software Version COMcheckWeb
Exterior Lighting Compliance ng design represented in his decument is consistent with the building plant his permit against the properties of the pro A Area/Surface Category Parking area Proposed Exterior Lighting Power

A

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast

Signature

Signature

Signature

Signature

Exterior Lighting Compliance Certificate

COMcheck Software Version COMcheckWeb
Inspection Checklist
Energy Code: 2021 IECC
Requirements: 00% were addressed directly in the COMcheck software
Text in the "Comments/Assingations: column is provided by the user in the COMcheck Requirements or requirement, thus user certifies that a code requirement will be met and how that is documented, or that is being claimed, where complaines are hermoded in a separate table, a reference to that table so provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed, information lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	□Compiles □Does Not □Not Observable □Not Applicable	
C103.2 [PRS] ¹	Fleans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed, information lighting power calculations, waitage of bulbs and ballasts, transformers and control devices.	□Comptes □Does Nat □Not Observable □Not Applicable	
C406 [PR9] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	Complies Does Nat Not Observable Not Applicable	

Section # & Reg.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3. 1 [EL22] ^L	Spaces required to have light- reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern >= 50 percent.	Compiles Does Not Not Observable Not Applicable	
	Occupancy sensors installed in classrooms-set cure rhaining rooms, conference-meeting/multipurpose rooms, copypint rooms, lourged/broakerooms, enclosed offices, storage rooms, bother rooms, considers, warehouse storage areas, considers, warehouse storage areas, and other spaces = 200 setf that are enclosed by floor-to-ceiling beight portions. Reference section language warehouses and section C405.2.1.3 for open plan office spaces.		
C405.2.1. 2 [EL19] ¹	Occupancy seasons control function in weeknowses in waveflowses, the lighting in sideways and open areas is controlled with occupant seasons that automatically reduce lighting power by 50% or once within 20 minutes of occupant sensors control lighting in each alleway independently and do not control lighting beyond the indexwey being controlled by the sensor, lights not turned off by sensor, lights not turned off by time-switch.	Compiles Does Not Not Observable Not Applicable	
C405.2.1, 3 [EL20] [[]	Occupant sensor control function in open plan cities areas. Occupant common control function in open office spaces configured to that open office spaces configured to that open office open office of the control function of the control separately in control to the control separately in control in each zone permitted to turn on upor concepancy in central cases. 3) open configuration in all control zones within 25 crimitates affect all occupants have lift the space. 4) are configured to other plans of the control zones within 25 central control zones within 25 central control zones.		
C405.2.2, C405.2.2, 1 [EL21] ²	Each area not served by occupancy sensors (per C405.2.1.1) have time-switch controls and functions detailed in sections C405.2.2.1.	Complies Coes Not Not Observable Not Applicable	

	1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier)	3)		
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Section # & Reg.ID	Rough-In Electrical Inspection	Camplies?	Comments/Assumptions
C405.2.4. C405.2.4. 1, C405.2.4. 2 (EL23) ²	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces, C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidellit zone.	Complies Does Not Not Observable Not Applicable	
C405.2.5 [EL27] ¹	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	Complies Does Not Not Observable Not Applicable	
C405.2.7 [EL28] ¹	Automatic lighting controls for exteror lighting installed. Controls will be daylight controlled, set based on business operation time-of-cay, or reduce connected lighting > 30%.	Complies Does Not Not Observable Not Applicable	
C405.7 [EL26] ²	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	Complies Does Not Not Observable Not Applicable	
C405.8 [EL27F	Electric motors meet the minimum afficientry requirements of Table C405.7(4), through C405.7(4). Efficiency verified through certification under an agroved certification program or the equipment efficiency ratings shall be provided by motor manufacturar (where certification programs do not exist).	□Complies □Does Not □Not Observable □Not Applicable	
C405.9.1, C405.9.2 (EL28) ²	Escalators and moving walks comply with ASME A17.1/CSA 884 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA 844 or applicable local code when not conveying passengers.	Complies Does Not Not Observable Not Applicable	
C405.10 [EL29] ²	Total voltage drop across the combination of feeders and branch circuits <= 5%.	Complies Does Not Not Observable Not Applicable	
C405.1.1 [EL30] ²	At least 90% of dwelling unit permanently installed lighting shall have lamp efficacy >= 65 lm/W or juminaires with efficacy >= 45 lm/W or comply with C403.2.4 or C405.3.	Complies Does Not Not Observable Not Applicable	
C405.11, C405.11.1 [EL31] ²	50% of 15/20 amp receptacles installed in enclosed offices. conference rooms, copy rooms, break rooms, classrooms and workstations and > 25% of branch circuit feeders for modular furniture will have automatic receptacle control in accordance with C405.11.1.	□Complies □Does Not □Not Observable □Not Applicable	

	Low Impact (Tier 3)	Impact (Tier 2)) [2	1 High Impact (Tier 1)	
ste: 06/07	Report date:			FSP PARKING STRUCTURE	Project Title:
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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions	
C303.1, C408.2.5, 2 [FI17] ¹	Furnished C&M instructions for systems and equipment to the building owner or designated representative.	Complies Does Not Not Observable Not Applicable		
C405.5.1 [FI19] ¹	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	Complies Does Not Not Observable Not Applicable	See the Exterior Lighting fixture schedule for values.	
C408.1.1 (FIS7) ¹	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installled, maintained, and operated.	Complies Does Not Not Observable Not Applicable		
C408.2.5 (FI16) ³	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	Complies Does Not Not Observable Not Applicable		
C408.3 [F133] ¹	Ughting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	Complies Does Not Not Observable Not Applicable		

	1 High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)		
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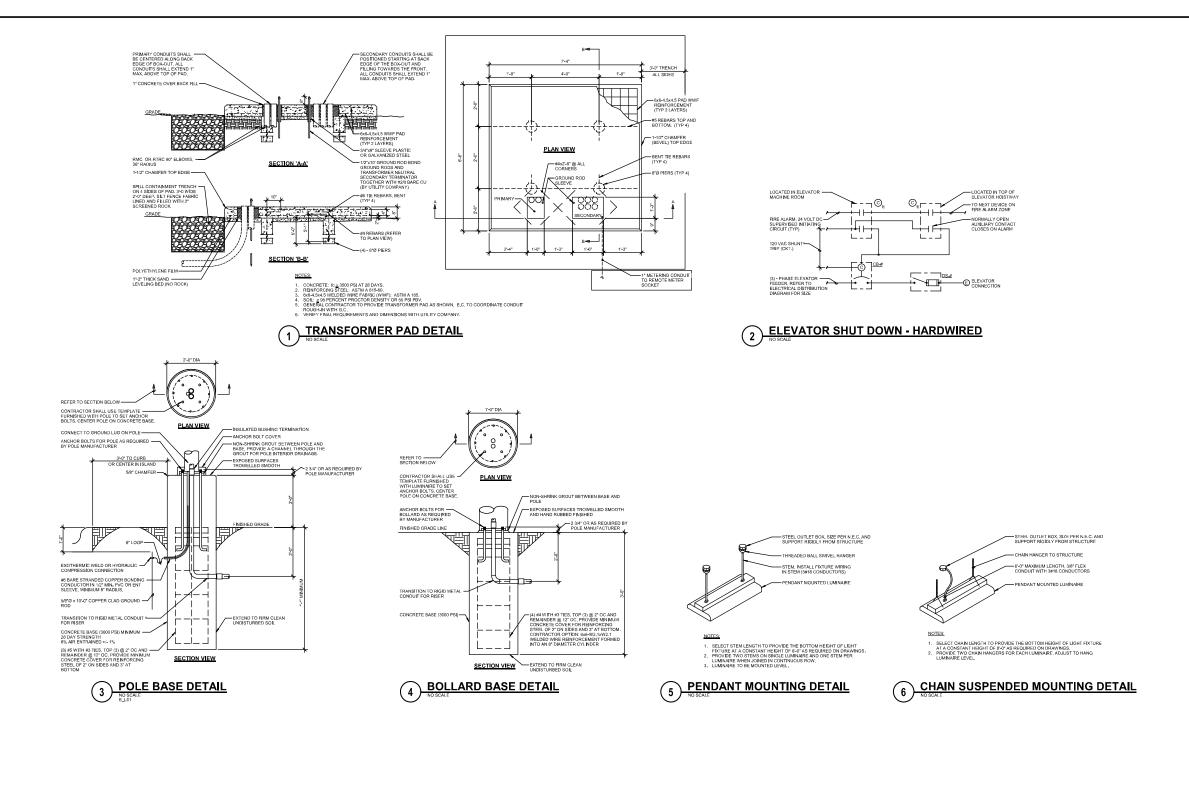
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FAIRMONT SCOTTSDALE PRINCESS PARKING GARAGE
TATE AT BRUEES DEFE.
SCOTSPALE AZ 82555

JOB NUMBER

DATE SHEET NAME

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FAIRMONT SCOTTSDALE PRINCESS PARKING GARAGE
7575 EAST PRINCESS DRIVE.
SCOTTSDALE AZ ROTHS

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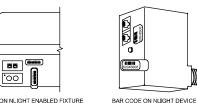
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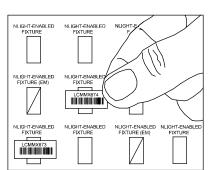
ALL SYSTEM EVENTS SHALL BE LOGGED, AND DISPLAYED ON THE ANNUNCIATOR INTERFACE, IF APPLICABLE. SEE SPECIFICATIONS FOR MORE INFORMATION AND DESCRIPTIONS OF SEQUENCES OF OPERATION.

- UTILIZE A GENERAL PURPOSE RELAY TO MONITOR POWER LOSS. CONNECT THE CONTROLS OF THE RELATION MONITOR POWER LOSS. CONNECT THE CONTROLS OF THE RELATION MONITOR MODULINGS WITH A COLL TO A REPORT OF THE MOTOR FEDERAL COSS. CONNECT EACH RELAY COLL TO ONE PHASE OF THE WOTOR FEDERAL COSS. CONNECT EACH RELAY COLL TO ONE PHASE OF THE WOTOR FEDERAL TO THE DISCONNECTION MEANS BUT HAVE OF THE CONTROL OWNST IREAS OF THE GENERAL OF THE CONTROL OF THE MEAN OF THE CONTROL OWNST IREAS OF THE GENERAL OF THE CONTROL OWNST IREAS OF THE GENERAL OWNST INFORMATION OF THE MEAN OF SERVICE TO A PIECE ALARM MONITOR MODULE. TO REACH OF SERVICE AND THE MEAN OF THE PROVIDE ADDRESSABLE MONITOR MODULE FOR EACH FAILURE. ANTENNA MALFUNCTION.

FIRE ALARM OPERATION MATRIX









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 CREQUITS REQUESTED OR DISTANCE TO THE STATE OF THE STATE SHALL MEET ALL APPLICABLE CODES AND
 MANUFACTURES RECOMMENDED WITH STATE OF THE STATE OF T
- RY RELAYS MAY NOT BE SHOWN ON THIS PLAN, BUT WHERE R PROPER OPERATION OF THE SYSTEM THEY SHALL BE PROVIDED

FIRE ALARM RISER

RPS E NOTIFICATION APPLIANCE CIRCUIT (A.V)

TO ELEVATOR SHUNT TRIP BREAKER

(5)

€

RELEASE PANEL

SKISHAL LINE CIRCUIT

MM FIRE PROTECTION AND FIRE PUMI

FSDI

(TYP)

AT THE ENTRANCE NEAR STAIRS

EAA

NETWORKED DESIGN NOTES:

- 1. THE RELIABILITY OF ALL WIRELESS SIGNALS ARE HEAVILY DEPENDANT ON DEVICE LOCATION
- PHYSICAL OBJECT INTERFERENCE (ESPECIALLY METAL AND LARGE BARRIERS) CAN INHIBIT NLIGHT AIR WIRELESS COMMUNICATION FROM LOCAL DEVICES REACHING THE NLIGHT AIR ADAPTER.
- 3. FOR OPTIMAL PERFORMANCE INSTALL THE NLIGHT AIR ADAPTER VERTICALLY IN A CENTRAL LOCATION, SUCH AS IN A CORRIDOR OR A SPACE WITH LITTLE OBSTRUCTION BETWEEN THE ADAPTER AND THE RECEINING DEVICES IN 1TS INITIAL BROADCAST RANGE.
- THE NLIGHT AIR ADAPTER CABLE WILL ALLOW FOR MOUNTING UP TO 15' FROM THE NLIGHT ECLYPSE.
- 5. IF SITE CONDITIONS PREVENT UNOBSTRUCTED ACCESS, CONTACT LOCAL ACUITY BRANDS REPRESENTATIVE OR TECHNICAL SUPPORT.

LOCAL REP LOCATOR: https://www.acuitybrands.com/support/how-to-buy ACUITY BRANDS TECH SUPPORT: (800) 535-2465

nLight AIR System Notes:

- INITIAL NETWORKED NUGHT AIR DEVICES SHOULD BE LOCATED WITHIN 100 FEET OF AN NLIGHT AIR ADAPTER IN INDOOR APPLICATIONS, UNLESS A SITE SURVEY HAS BEEN DONE TO CONFIRM OTHERWISE.
- FOR MAXIMUM RANGE, THE NLIGHT AIR ADAPTER. WHICH IS USED FOR NETWORK COMMUNICATION, SHOULD BE MOUNTED IN AN OPEN INDOOR AREA (SUCH AS A CORRIDOR) AND SHOULD NOT BE LOCATED IN AN ENCLOSED SPACE (SUCH AS AN ELECTRICAL CLOSE).
- A MAXIMUM 1,000-FOOT, LINE-OF-SIGHT DISTANCE SHOULD BE USED FOR OUTDOOR APPLICATIONS WHERE LINE OF SIGHT IS AVAILABLE BETWEEN THE NLIGHT AIR ADAPTER AND DEVICES RECEIVING AN INITIAL BROADCAST.
- 4. AN NLIGHT ECLYPSE WITH CONNECTED NLIGHT AIR ADAPTER CAN SUPPORT 750 DEVICES TOTAL. STANDALD NLIGHT AIR GROUPS CAN CONTAIN UP TO 128 NLIGHT AIR DEVICES, AND ALL DEVICES SHOULD BE LOCATED V MAXIMUM OF 1,000 FEET CLEAR LINE-OF-SIGHT OF EACH DEVICE WITHIN THE GROUP.
- SOME CELLING MOUNTED NUIGHT AIR SENSORS WILL REQUIRE A CONNECTION TO A POWER SUPPLY OR NUIGHT AIR POWERPACK FOR LOW VOLTACE POWER SET THE ROAS SPECIFICATION SHEETS FOR MORE IN FORMATION. BATTERY POWERED SENSORS ARE AVAILABLE FOR INDOOR APPLICATIONS (ROMS SENSORS). SEE THE ROMSS SPECIFICATION SHEETS FOR MORE INFORMATION.
- NLIGHT AIR DEVICES MUST BE PROGRAMMED THROUGH THE CLAIRITY PRO MOBILE APPLICATION BEFORE THEY CAN
 BE CONTROLLED OR NETWORKED TO AN NLIGHT ECLYPSE WITH CORRESPONDING NLIGHT AIR ADAPTER.

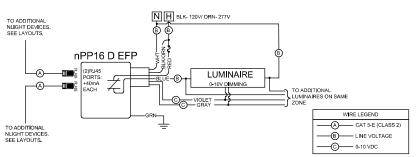
EVERY NLIGHT ENABLED DEVICE (INCLUDING NLIGHT EANABLED FIXTURES) IS FURNISHED WITH (1) PERMARKHINY ADMERED DI TAG AND (1) MATCHING, PARTIALLY ADHERED DI TAG TO BE PLACED ON THE TOPACTION STATE ON THE PLACED ON THE SHOWN ON RISER DIAGRAM TO FACILITATE FACTORY STARTUR. FALURE TO COMPLY MAY RESULT IN STARTUP DELAYS AND ADDITIONAL COSTS AT THE CONTRACTOR'S EXPENSE. ON DOTI PLACE DEVICE ID STICKERS ON TICOR PLAN UNLESS REQUIRED TO EXCLUTE INLICORPLAN SERVICES, REFERENCE WILCOMPAUN SERVICE NOTES ON THE SHEET FOR SEPCICE REQUIREMENTS.

THE SMALL BARCODE LABELS INCLUDED WITH ALL NLIGHT DEVICES AND NLIGHT ENABLED FIXTURES MUST BE PLACED ON A PRINTED PLAN BY THE INSTALLER PRIOR TO ONSITE SYSTEM STARTUP.

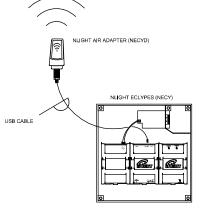
THE BARCODE INDICATES THE UNIQUE ID OF EACH NLIGHT DEVICE, THIS ID IS USED DURING SYSTEM STARTUP TO PROGRAM DEVICES WITH THE CORRECT GROUPINGS AND SETTINGS. WITHOUT THIS, SYSTEM STARTUP WILL REQUIRE ADDITIONAL DAYS ON THE JOB TO LOCATE DEVICE DE BARCODE INSTRUCTIONS:

- PRINT A PLAN OF THE INSTALLATION AREA TO A MINIMUM D SIZE (24X 38). THE PLAN MAY BE A REFLECTED CEILING PLAN, LIGHTING PLAN, OR ELECTRICAL PLAN, SO LONG AS ALL DEVICES CAN BE LOCATED BY THE FIELD SUPPORT ENGINEER.
- SAVE THE PLAN AT THE JOB SITE, AND HAND OVER TO ACUITY FIELD SUPPORT ENGINEER OR OTHER PRESONNEL RESPONSIBLE FOR ONSITE SYSTEM STRATUP. IT IS ALSO ACCEPTABLE TO PROVIDE THE BRACCOS PLAN AS SCANNED POF THE SE, BANGLED TO YOUR LOCAL LIGHTING AGENCY. IF YOU DO NOT INKNOW YOUR LOCAL LIGHTING AGENCY, PLEASE REACH OUT TO TECH SUPPORT AT 1,800 3532-856, OPTION 1 FOR MIGHT. THEY VILLE EABLET TO INCHIFTY YOUR LOCAL REP.
- DRAW ON PLAN ANY LOCATION CHANGES FOR A FIXTURE OR DEVICES, IF DIFFERENT THAN SHOWN ON PLAN

NLIGHT BARCODE INSTRUCTIONS



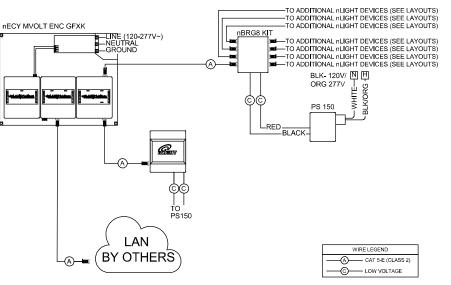
TYPICAL WIRING DIAGRAM: NPP16 D EFP



SYSTEM NOTES

- 1. EACH ZONE OF CONTROL IS LIMITED TO 128 DEVICES.
- 2. EVERY FLOOR THAT CONTAINS NETWORKED NLIGHT AIR DEVICES REQUIRES ITS OWN DEDICATED NECY WITH NECYD.
- 3. DEVICES WITHIN INITIAL BROADCAST RANGE SHOULD BE WITHIN 100 FEET (TYPICAL FOR INDOOR CONSTRUCTION) OR WITHIN 1,000 FEET LINE-OF-SIGHT (TYPICAL FOR OUTDOOR CONSTRUCTION).
- 4. NLIGHT AIR ADAPTER SHOULD BE PLACED IN AN OPEN SPACE FOR BEST WIRELESS SIGNAL STRENGTH.

NLIGHT ECLYPSE (NECY) TO NLIGHT AIR ADAPTER (NECYD)



TYPICAL WIRING DIAGRAM: nECY MVOLT ENC GFXK







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FAIRMONT SCOTTSDALE PRINCESS PARKING GARAGE

SHEET NAME FA RISER, OPERATION MATRIX AND LIGHTING CONTROL DETAILS