

HOLLYWOOD PARK RESIDENTIAL - MU-2C

INGLEWOOD, CALIFORNIA

SECURITY SYSTEM

PROJECT INFORMATION

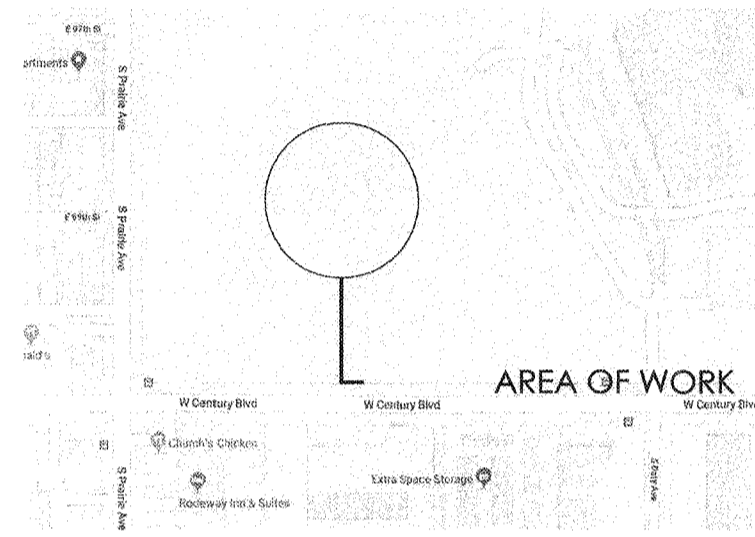
PROJECT ADDRESS INGLEWOOD, CALIFORNIA

PROJECT SUMMARY THIS IS A 5-STORY APARTMENT BUILDING WITH 3 STORIES OF TYPE V-A CONSTRUCTION OVER 2-STORIES OF TYPE IA PODIUM PARKING STRUCTURE AND TOWNHOMES. THERE ARE 98 DWELLING UNITS WITH 195 PARKING STALLS AND RECREATION/AMENITY SPACE

OCCUPANCY CLASSIFICATION
M, RETAIL
R-2, RESIDENTIAL
S-2, PARKING GARAGES
A-3, ASSEMBLY
B, BUSINESS
S1, STORAGE

CONSTRUCTION TYPE
TYPE V-A - ABOVE 3 HR HORIZONTAL ASSEMBLY
TYPE IA - BELOW HORIZONTAL ASSEMBLY

VICINITY MAP



PROJECT TEAM

OWNER:
HOLLYWOOD PARK RETAIL AND COMMERCIAL INVESTORS, LLC

ARCHITECT:
ICA ARCHITECTS, INC.
801 S. GRAND AVE, SUITE 1020
LOS ANGELES, CA, 90017

MEP ENGINEER:
DONALD F. DICERSON ASSOCIATES
1825 BURBANK BLVD., SUITE 404
TARZANA, CA, 91356

STRUCTURAL ENGINEER:
NISHKAIN CHAMBERLAIN
3710 S. ROBERTSON BLVD, SUITE 220
CULVER CITY, CA, 90232

CIVIL ENGINEER:
D&D ENGINEERING, INC.
8901 S. LA CIENAGA, SUITE 106
INGLEWOOD, CA, 90301

SECURITY CONSULTANT:
HCI SYSTEMS, INC.
1731 REYNOLDS AVENUE
IRVINE, CA 92614
P: 949.724.5000
CONTACT: MIKE PETERS

SECURITY NOTES

- THESE DRAWINGS ARE REPRESENTATIVE OF THE FLOOR PLANS. FIELD VERIFY ALL REQUIRED DIMENSIONS PRIOR TO INSTALLATION.
- ALL EQUIPMENT SHALL BE APPROVED FOR INSTALLATION BY THE OWNER.
- EXACT LOCATION AND MOUNTING REQUIREMENTS FOR ALL SECURITY EQUIPMENT SHALL BE REVIEWED IN THE FIELD AND COORDINATED WITH THE OWNER PRIOR TO INSTALLATION.
- HIGH VOLTAGE POWER SHALL NOT BE RUN WITH VIDEO, SIGNAL, OR DATA CABLING. MAINTAIN MIN. 12" SEPARATION BETWEEN POWER AND DATA CONDUITS WHEN PARALLEL RUNS EXCEED 10'.
- ALL CONDUIT, JUNCTION BOXES, AND METAL WIREWAYS, SHALL BE PROVIDED BY THE DIVISION 26 CONTRACTOR PER THE DIVISION 26 SPECIFICATIONS.
- ALL CONDUIT ABOVE GRADE SHALL BE METALLIC; ALL CONDUIT BELOW GRADE SHALL BE PVC UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL SECURITY RELATED ELECTRONIC LOCKING HARDWARE SHALL BE PROVIDED BY THE DIVISION 8 CONTRACTOR PER THE DIVISION 8 SPECIFICATIONS.
- THE SECURITY CONTRACTOR SHALL FIRE SEAL ALL CORES ASSOCIATED WITH THE SECURITY SCOPE OF WORK FOR THIS PROJECT PER THE DIVISION 26 SPECIFICATIONS.
- REQUEST TO EXIT DEVICES DO NOT PRECLUDE EXITING FROM THE INTERIOR. ALL EXITS ARE FREE EGRESS AND SHALL NOT REQUIRE THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT TO EXIT. ALL EXITING REQUIREMENTS SHALL CONFORM TO THE CALIFORNIA BUILDING CODE 1003.3.1.8.
- THESE DRAWINGS ARE APPROXIMATELY TO SCALE WHERE SCALE IS NOTED. FULL SIZE DRAWINGS ARE 30" X 42". IF DRAWINGS ARE REDUCED OR ENLARGED, RE-SCALE ACCORDINGLY.
- ALL DOUBLE DOORS ARE TO RECEIVE (1) DOOR POSITION SWITCH ON EACH DOOR LEAF AND SHALL REPORT AS ONE ALARM POINT.
- ACCESS CONTROLLED DOORS WITH DOOR POSITION SWITCHES THAT ARE ALSO CONNECTED TO THE INTRUSION ALARM SYSTEM SHALL BE EQUIPPED WITH DOUBLE POLE DOUBLE THROW (DPDT) DOOR CONTACTS.

CABLING NOTES

- DO NOT USE METAL STAPLES OR OTHER METHODS THAT KINK OR DEFORM CABLE JACKET. USE PLASTIC STAPLES SUCH AS THE PETER MAANGONE RB CLIP GUN SYSTEM.
- ALL EXPOSED CONNECTION HARDWARE SHALL BE PROTECTED FROM PLASTER, PAINT AND OTHER SUCH MATERIALS.
- ALL CORING AND DRILLING THROUGH CONCRETE, BLOCK, STONE, OR OTHER IMPERVIOUS MATERIALS IS THE RESPONSIBILITY OF GENERAL CONTRACTOR.
- ALL FIRE STOPPING AS REQUIRED BY CODE AND INSTALLATION IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR.
- ALL LOW-VOLTAGE WIRING SHOULD BE RUN AT LEAST ONE STUD BAY APART (12" MINIMUM) FROM ANY PARALLEL HIGH-VOLTAGE WIRING, AND CROSS AT RIGHT ANGLES WHENEVER NECESSARY. WHERE THERE IS SUFFICIENT CLEARANCE TO MEET THAT REQUIREMENT, THE CABLING MUST BE ARRANGED TO PROVIDE THE MAXIMUM POSSIBLE SEPARATION, OVER AS MUCH DISTANCE AS POSSIBLE (UNDER NO CIRCUMSTANCES SHALL THE LATERAL DISTANCE BE LESS THAN 4" WITHOUT SUPPLEMENTAL SHIELDING). THE ONLY EXCEPTION IS WHERE CABLES CROSS AT RIGHT ANGLES, WHERE A 2" MINIMUM SEPARATION MUST BE MAINTAINED.
- COORDINATE WITH THE ELECTRICAL CONTRACTOR BEFORE THE HIGH-VOLTAGE WIRING COMMENCES.
- PROTECTING CABLING FROM DAMAGE IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR. ALL CABLING MUST BE RUN WHERE IT IS UNLIKELY TO BE DAMAGED AFTER INSTALLATION. NAIL PLATES SHOULD BE INSTALLED WHERE CABLING PASSES THROUGH WALL STUDS. WHERE STEEL FRAMING IS USED, PLASTIC BUSHINGS MUST BE INSTALLED WHERE EVER CABLES PASS THROUGH METAL STRUCTURAL MEMBERS. CABLES MUST NOT TOUCH ANY EDGES OF METAL FRAMING.
- ALL CABLING MUST BE PROPERLY SUPPORTED AND SECURED IN A WAY THAT WILL NOT COMPRESS OR DEFORM THE CABLES.
- ALL CABLE BENDS MUST MAINTAIN MANUFACTURERS BEND RADIUS REQUIREMENTS.
- ANY DEFECTIVE OR DAMAGED CABLING, OR ANY CABLE OR CABLE INSTALLATION THAT DOES NOT MEET THESE SPECIFICATIONS, MUST BE REPLACED. THIS WILL BE AT THE INSTALLATION CONTRACTOR'S EXPENSE, UNLESS IT IS THE RESULT OF GROSS NEGLIGENCE BY ANOTHER TRADE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING SECURITY INSTALLATION CONTRACTOR OF ANY SUCH CABLE DAMAGE.

CONDUIT NOTES:

- CONDUIT RUNS SHALL NOT CONTAIN LB'S.
- CONDUIT RUNS SHALL NOT EXCEED 200 CONTINUOUS FEET. FOR RUNS IN EXCESS OF 200 FEET, INSERT AN ACCESSIBLE PULL BOX.
- IF A CONDUIT REQUIRES MORE THAN TWO 90'S BENDS, THEN PROVIDE AN ACCESSIBLE PULL BOX BETWEEN SECTIONS WITH 2 BENDS OR LESS. IF A CONDUIT RUN REQUIRES A REVERSE BEND (BETWEEN 100° AND 180°), THEN INSERT AN ACCESSIBLE PULL BOX AT EACH BEND HAVING AN ANGLE FROM 100° AND 180°. IF A CONDUIT RUN REQUIRES MORE THAN TWO 90° BENDS BETWEEN PULL BOXES, THEN FOR EACH ADDITIONAL BEND EITHER DERATE THE CONDUIT CAPACITY BY 15% OR USE THE NEXT LARGER SIZE CONDUIT.
- REAM ALL CONDUIT ENDS, FIT STUBBED CONDUITS WITH AN INSULATED BUSHING SHARP EDGES THAT MAY DAMAGE CABLE DURING INSTALLATION OR SERVICE. EQUIP ALL CONDUIT WITH PULL CORD A MINIMUM TEST RATING OF 200LBS.
- CONTRACTOR SHALL MAINTAIN A MINIMUM BEND RADIUS OF 24" FOR ALL 2" CONDUIT RUNS UNLESS NOTED OTHERWISE.

GENERAL NOTES

- ALL CORING SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR AND SECURITY CONTRACTOR.
- GENERAL CONTRACTOR TO PROVIDE 3/4-INCH FIRE RATED 8' X 4' PLYWOOD BOARD AT EACH ACCESS CONTROL PANEL LOCATION.
- ELECTRICIAN TO PROVIDE 120VAC ON DEDICATED 20 AMP CIRCUIT FOR SECURITY PANELS.
- ELECTRICIAN TO PROVIDE 120VAC ON DEDICATED 20 AMP CIRCUIT FOR SECURITY EQUIPMENT.
- REFER TO ARCHITECTURAL AND LANDSCAPE DRAWINGS FOR ADDITIONAL CONDUIT AND BOXES.
- MAXIMUM DISTANCE BETWEEN JUNCTION BOXES SHALL BE 200 FEET.
- MAXIMUM DISTANCE FOR EACH CAMERA IS 300 FEET FROM THE NEAREST POWER-OVER-ETHERNET NETWORK SWITCH.
- BACK BOXES, PULL BOXES, AND CONDUIT ARE TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR. CONDUIT ROUTING SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY. CONDUIT ROUTES MAY REQUIRE MODIFICATION DUE TO CONSTRUCTION FIELD CONDITIONS. CONDUIT SHOULD NOT EXCEED 200 FEET BETWEEN PULL BOXES OR 180 DEGREES OF BENDS. PULL BOXES SHALL NOT BE USED IN LIEU OF A BEND.
- ELECTRICIAN TO PROVIDE PULL STRING IN ALL CONDUITS.
- ELECTRICIAN SHALL PROVIDE AND INSTALL CORES AND CONDUITS AS NOTED ON THE SECURITY PLAN.
- ELECTRICIAN SHALL PROVIDE 4S ELECTRICAL BOXES AND SWITCH RINGS FOR SECURITY DEVICES. ALL KEY FOB READERS WILL REQUIRE BACK BOXES.
- MOUNTING HEIGHTS OF WALL MOUNTED SECURITY DEVICES SHALL ADHERE TO ADA REQUIREMENTS AND COORDINATED WITH THE ARCHITECT.
- SURGE SUPPRESSION AND GROUNDING SHALL BE ADDED TO ALL LOW VOLTAGE, LINE VOLTAGE, CABLE, DATA AND PHONE LINES.
- ELECTRICIAN SHALL PROVIDE EARTH GROUND WITH .5-25 OHM RESISTANCE.
- PRODUCTS SHALL BE OF MATERIALS THAT ARE SUITABLE FOR THE ENVIRONMENT IN WHICH THEY ARE TO BE INSTALLED.
- WORKING CLEARANCES AROUND ELECTRICAL EQUIPMENT SHALL BE MAINTAINED IN COMPLIANCE WITH THE NATIONAL ELECTRICAL CODE ARTICLE 110. COORDINATE EQUIPMENT INSTALLATION TO MAINTAIN REQUIRED CLEARANCES.
- LOCATIONS OF EQUIPMENT SHOWN ON THE DRAWINGS ARE FOR DIAGRAMMATICAL PURPOSES ONLY. COORDINATE EXACT EQUIPMENT LOCATION AND CONNECTION REQUIREMENTS WITH THE APPROPRIATE TRADE PRIOR TO INSTALLATION.
- FOR EXACT LOCATION OF CEILING MOUNTED EQUIPMENT, REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN. LOCATIONS OF EQUIPMENT NOT INCLUDED ON THE REFLECTED CEILING PLAN SHALL BE COORDINATED WITH THOSE ITEMS SHOWN. COORDINATION OF CEILING MOUNTED EQUIPMENT SHALL BE PRIOR TO ANY ROUGH-IN. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- THE DESIGNATION "N.I.C." SHALL DENOTE ITEMS WHICH ARE "NOT IN CONTRACT".
- THE DESIGNATION "F.B.O." SHALL DENOTE ITEMS WHICH ARE "FURNISHED BY OTHERS".
- THE DESIGNATION "O.F.E." SHALL DENOTE ITEMS WHICH ARE "OWNER FURNISHED EQUIPMENT".
- THE DESIGNATION "D.H.I." SHALL DENOTE THE "DOOR HARDWARE INSTALLER".
- THE SYMBOL LEGENDS SHOWN ON THIS SHEET ARE ALL INCLUSIVE. SYMBOLS INCLUDED IN THE LEGENDS MAY OR MAY NOT BE USED IN THESE PROJECT DRAWINGS.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SLEEVES AS REQUIRED FOR ALL LOW VOLTAGE CABLE PATHWAYS. RESTORE THE FIRE RATING OF THE SURFACE.
- ALL OUTLETS ARE TO BE POSITIONED SECURELY IN UNIFORM WITH ADJACENT OUTLETS.
- ALL FIRE STOPPING REQUIRED BY CODE AND INSTALLATION SHALL BE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR.
- ALL NECESSARY LOW VOLTAGE PERMITS AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR.
- ALL WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL APPLICABLE STATUTES, ORDINANCES, RULES, CODES, REGULATIONS, DECISIONS, AND ORDERS OF ALL LOCAL, STATE AND FEDERAL AUTHORITIES HAVING JURISDICTION OVER THE CONSTRUCTION OF TELECOMMUNICATIONS CABLE SYSTEMS, INCLUDING BUT NOT LIMITED TO, APPLICABLE BUILDING CODES, FIRE CODES, AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION AND FEDERAL COMMUNICATIONS COMMISSION.

ABBREVIATIONS

ACP	- ACCESS CONTROL PANEL	POTS	- PLAIN OLD TELEPHONE SERVICE
AFF	- ABOVE FINISHED FLOOR	PTZ	- PAN-TILT-ZOOM (CAMERA)
AFG	- ABOVE FINISHED GRADE	PS	- POWER SUPPLY
AWG	- AMERICAN WIRE GAUGE	PWR	- POWER
CO	- CONDUIT	RK	- EQUIPMENT RACK
CAM	- CAMERA	RM	- ROOM
CCTV	- CLOSED CIRCUIT TELEVISION	RSC	- RIGID STEEL CONDUIT
CL	- CENTER LINE	SHLD	- SHIELDED
CLG	- CEILING	SOC	- SECURITY OPERATIONS CENTER
CONC	- CONCRETE	SQ	- SQUARE
CT	- CABLE TRAY	SS	- STAINLESS STEEL
DIA	- DIAMETER	TBD	- TO BE DETERMINED
DIM	- DIMENSION	TELE	- TELECOMMUNICATIONS
DWG	- DRAWING	TW	- TWISTED
ELECT	- ELECTRICAL	TYP	- TYPICAL
ELEV	- ELEVATION	UG	- UNDERGROUND
EMT	- ELECTRICAL METALLIC TUBING	USGCO	- UNDERGROUND CONDUIT
FIN	- FINISHED	UON	- UNLESS OTHERWISE NOTED
FO	- FIBER OPTIC	UPS	- UNINTERRUPTED POWER SUPPLY
FOV	- FIELD OF VIEW	VAC	- VOLTS ALTERNATING CURRENT
GND	- GROUND	VDC	- VOLTS DIRECT CURRENT
IAP	- INTRUSION ALARM PANEL	VIF	- VERIFY IN FIELD
NIC	- NOT IN CONTRACT	WP	- WEATHERPROOF
NVR	- NETWORK VIDEO CAMERA	(E)	- EXISTING
PBO	- PROVIDED BY OTHERS	(ER)	- EXISTING TO BE REMOVED
PNL	- PANEL	(F)	- FUTURE
POE	- POWER OVER ETHERNET	(N)	- NEW

SHEET INDEX

SHEET NUMBER	SHEET TITLE
SEC-101	COVER SHEET
SEC-501	1ST STORY FLOOR PLAN
SEC-502	2ND STORY FLOOR PLAN
SEC-503	3RD STORY FLOOR PLAN
SEC-504	4TH STORY FLOOR PLAN
SEC-505	5TH STORY FLOOR PLAN
SEC-506	ROOF PLAN

SYMBOL LEGEND

SYMBOL	DESCRIPTION
ACP	ACCESS CONTROL PANEL
APPS	ANCILLARY POWER SUPPLY
AKM	ARMING KEYPAD - INTRUSION ALARM
CS	COMPUTER WORKSTATION
CC	CONCEALED ALARM CONTACT AND/OR DOOR POSITION SWITCH
ET	EMERGENCY TELEPHONE
GS	GLASSBREAK SENSOR
IAH	INTRUSION ALARM HORN
IP	INTRUSION ALARM PANEL
KFR	KEYFOB READER
KB	KNOX BOX
KS	KNOX KEY SWITCH
LPS	LOCK POWER SUPPLY
MFC	MEGAPIXEL FIXED POSITION DOME CAMERA - MEGAPIXEL VALUE IS DESIGNATED AT EACH CAMERA (EX: 1MPX)
NVR	NETWORK VIDEO RECORDER
NSL	POE NETWORK SWITCH
RE	REQUEST TO EXIT DEVICE
SL	STAND ALONE ELECTRIFIED LOCK
TE	TELEPHONE ENTRY PANEL
TR	TRANSPONDER READER
DU	DUPLEX ELECTRICAL OUTLET