



**Request for Proposal  
25-32**

**for**

**Sherman Plaza Garage Fire Panel Upgrade**

**ADDENDUM No. 1**

**August 21, 2025**

Any and all changes to the Request for Proposal are valid only if they are included by written addendum to all potential respondents, which will be emailed prior to the proposal due date. Each respondent must acknowledge receipt of any addenda by indicating in its proposal. Each respondent, by acknowledging receipt of addenda, is responsible for the contents of the addenda and any changes to the bid therein. Failure to acknowledge receipt of addenda may cause the submittal to be rejected. If any language or figures contained in this addendum are in conflict with the original document, this addendum shall prevail.

This addendum consists of the following:

1. Addendum No. 1 is attached and consists of a total of forty -six (46) pages including this cover sheet.
2. Prevailing Wage
3. Sherman Plaza Garage Floor Plans
4. Sherman Plaza Garage Fire Alarm Plans

Please contact me at 847-866-2935 or [lithomas@cityofevanston.org](mailto:lithomas@cityofevanston.org) with any further questions or comments.

Sincerely,

Linda Thomas  
Purchasing Specialist

**RFP No. 25-32**

**Sherman Plaza Garage Fire Panel Upgrade**

**Addendum No. 1**

**August 21, 2025**

This addendum forms a part of the RFP Documents for RFP # **25-32** and modifies these documents. This addendum consists of the following:

**Questions and Answers:**

- 1. QUESTION:** Who is responsible for any Simplex programming/equipment needed?  
**ANSWER:** The Simplex programming/equipment is a proprietary system, so the vendor/bidder will be responsible to coordinate with Simplex.
- 2. QUESTION:** Any sprinkler/fire alarm drawings available?  
**ANSWER:** There are no sprinkler drawings available as the building is not sprinklered. Yes, there are fire alarm drawings, please see attached.
- 3. QUESTION:** Who will determine what pump room devices need to be monitored through Parking FACP?  
**ANSWER:** All pump room devices need to be monitored, except for devices tagged Retail or 807 Condo Association so the Evanston Fire Department along with the sprinkler contractor will determine which devices will be monitored in the sprinkler room.
- 4. QUESTION:** Who will be responsible for elevator company time onsite?  
**ANSWER:** The vendor/bidder is responsible for booking time and paying the elevator vendor for any elevator pit work that may be required.
- 5. QUESTION:** Who will be responsible for any drywall repair?  
**ANSWER:** The vendor/bidder is responsible for restoring any penetrations.
- 6. QUESTION:** If coring is needed, are floor x-ray required?  
**ANSWER:** Yes, this building is post-tension construction. Floor x-ray and coring should be included by the vendor/bidder.
- 7. QUESTION:** Do any of the new conduit risers require 2-hour rated enclosures?  
**ANSWER:** Yes, cabling for critical circuits are required to be 2-hour rate protection (survivability). That can be achieved by the cable and conduit itself or an enclosure (stair shaft). It is important to remember, this only applies to circuits for notification and communication that ensure continuous operation of the system. This basically means circuits for initiating devices (smoke detectors & pull stations) don't need the same rating.
- 8. QUESTION:** Who will be responsible for the old system demo and is conduit and wire part of it?

**ANSWER:** The awarded contractor/bidder is responsible for the removal of the old system which is a code requirement. The replacement of old conduit and/or wiring is also the responsibility of the contractor/bidder.

**9. QUESTION:** Are we using EMT conduit or is rigid conduit required?

**ANSWER:** The Simplex programming/equipment is a proprietary system, so the vendor/bidder will be responsible to coordinate with Simplex

**10. QUESTION:** Any Nema 3R installations?

**ANSWER:** Rain tight (Bell Box) junction boxes and conduit fittings are required to be installed in wet locations. Some areas of the garage are subject to direct rain, and others experience condensation. For this reason, the entire garage, except for the elevator lobbies, offices, and mechanical rooms, should be considered a wet location.

**11. QUESTION:** Are there any expansion joints across the site?

**ANSWER:** Yes there are many across the drive and parking decks

**12. QUESTION:** Are there any requirements on device rough-in locations?

**ANSWER:** Yes, device location is driven by IFC and NFPA. The plan designer from the alarm company will make those determinations.

**13. QUESTION:** Can we use the NE & SE stairwells as risers? Are they 2-hour rated?

**ANSWER:** Yes, these stairwells can serve as the risers for the fire alarm cabling. The stairwells are fire rated vertical shafts and should be rated for 2 hours.

**14. QUESTION:** Are there any plans for this project?

**ANSWER:** Yes, there are floor plans, please see attached.

**15. QUESTION:** Are we allowed to bid a totally new system that is NOT a Simplex system?

**ANSWER:** Yes, the RFP specifically request a non-proprietary fire alarm system

**16. QUESTION:** Are there any existing floor plans or drawings available?

**ANSWER:** See question 14.

**17. QUESTION:** Those panels that were listed, are the existing manufacturers listed, correct?

**ANSWER:** Yes, the fire panel and all devices listed are correct by manufacturer

**18. QUESTION:** Is it required that our company be, woman owned, minority owned, or disabled owned?

**ANSWER:** The City of Evanston's Minority, Women, Disadvantaged and Evanston Based Business Policy is a goal not a requirement.

**19. QUESTION:** We are a non-union fire alarm company, are you requiring union or non-union?

**ANSWER:** The RFP does not require a company to be unionized.

**Clarification:**

Please sign and notarize the attached Prevailing Wage Document and return with your RFP Submittal.

**Note: Acknowledgment of this Addendum is required in the Submittal**

**EXHIBIT J**

**CERTIFICATE OF COMPLIANCE  
WITH PREVAILING WAGE RATE ACT**

The undersigned, upon being first duly sworn, hereby certifies to the City of Evanston, Cook, County, Illinois, that all work under this contract shall comply with the Prevailing Wage Rate Act of the State of Illinois, 820 ILCS 130 *et seq*, and as amended by Public Acts 86-799 and 86-693 and current City of Evanston Resolution, with rates to be paid in effect at time work is performed. Contractors shall submit monthly certified payroll records to the city.

Name of Contractor: \_\_\_\_\_

By: \_\_\_\_\_

By: State of \_\_\_\_\_, County of \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day  
of \_\_\_\_\_, \_\_\_\_\_.

Notary Public

## Cook County Prevailing Wage Rates posted on 4/15/2025

Trade Title	Rg	Type	C	Base	Foreman	Overtime					Pension	Vac	Trng	Other Ins	Add OT 1.5x owed	Add OT 2.0x owed
						M-F	Sa	Su	Hol	H/W						
ASBESTOS ABT-GEN	All	ALL		50.15	51.15	1.5	1.5	2.0	2.0	17.71	16.92	0.00	0.91		0.00	0.00
ASBESTOS ABT-MEC	All	BLD		41.27	44.57	1.5	1.5	2.0	2.0	15.84	16.02	0.00	0.90		3.11	6.21
BOILERMAKER	All	BLD		55.76	60.77	2.0	2.0	2.0	2.0	6.97	26.44	0.00	3.34	1.95	0.00	38.26
BRICK MASON	All	BLD		52.06	57.27	1.5	1.5	2.0	2.0	12.70	24.54	0.00	1.24	0.00	3.99	7.98
CARPENTER	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.26	2.15	0.93	0.00	0.00	0.00
CEMENT MASON	All	ALL		52.00	54.00	2.0	1.5	2.0	2.0	17.81	23.00	0.00	1.15		2.00	4.00
CERAMIC TILE FINISHER	All	BLD		47.09	47.09	1.5	1.5	2.0	2.0	13.00	16.82	0.00	1.09	0.00	5.17	10.34
CERAMIC TILE LAYER	All	BLD		54.84	59.84	1.5	1.5	2.0	2.0	13.00	20.68	0.00	1.17	0.00	7.15	14.30
COMMUNICATION ELECTRICIAN	All	BLD		49.86	54.85	1.5	1.5	2.0	2.0	15.60	14.43	1.25	1.22	0.15	0.00	0.00
ELECTRIC PWR EQMT OP	All	ALL		62.10	68.14	1.5	1.5	2.0	2.0	13.08	20.88	0.00	3.32	0.00	18.64	37.28
ELECTRIC PWR GRNDMAN	All	ALL		48.44	68.14	1.5	1.5	2.0	2.0	10.20	16.29	0.00	2.60	0.00	14.55	29.09
ELECTRIC PWR LINEMAN	All	ALL		62.10	68.14	1.5	1.5	2.0	2.0	13.08	20.88	0.00	3.32	0.00	18.64	37.28
ELECTRICIAN	All	ALL		55.55	61.11	1.5	1.5	2.0	2.0	19.06	20.61	1.50	1.78	0.40	0.00	0.00
ELEVATOR CONSTRUCTOR	All	BLD		67.84	76.32	2.0	2.0	2.0	2.0	16.18	20.96	5.42	0.75		0.00	0.00
FENCE ERECTOR	All	ALL		51.00	53.00	1.5	1.5	2.0	2.0	13.74	18.32	0.00	0.75		0.00	0.00
GLAZIER	All	BLD		51.55	53.05	1.5	2.0	2.0	2.0	15.64	26.18	0.00	2.27	0.00	0.00	0.00
HEAT/FROST INSULATOR	All	BLD		55.02	58.32	1.5	1.5	2.0	2.0	15.84	19.01	0.00	0.90		4.60	9.20
IRON WORKER	All	ALL		59.26	62.76	2.0	2.0	2.0	2.0	18.30	26.31	0.00	0.49	0.00	0.00	0.00
LABORER	All	ALL		50.15	50.90	1.5	1.5	2.0	2.0	17.71	16.92	0.00	0.91		0.00	0.00
LATHER	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.26	2.15	0.93	0.00	0.00	0.00
MACHINIST	All	BLD		58.39	62.39	1.5	1.5	2.0	2.0	9.93	8.95	1.85	1.47		0.00	0.00
MARBLE FINISHER	All	ALL		39.50	53.55	1.5	1.5	2.0	2.0	12.70	22.32	0.00	0.73	0.00	2.88	5.76
MARBLE SETTER	All	BLD		51.00	56.10	1.5	1.5	2.0	2.0	12.70	24.01	0.00	0.92	0.00	3.73	7.45
MATERIAL TESTER I	All	ALL		40.15		1.5	1.5	2.0	2.0	17.71	16.92	0.00	0.91		0.00	0.00
MATERIALS TESTER II	All	ALL		45.15		1.5	1.5	2.0	2.0	17.71	16.92	0.00	0.91		0.00	0.00
MILLWRIGHT	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.26	2.15	0.93	0.00	0.00	0.00

## Cook County Prevailing Wage Rates posted on 4/15/2025

OPERATING ENGINEER	All	BLD	1	60.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	2	59.50	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	3	56.95	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	4	55.20	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	5	64.55	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	6	61.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	BLD	7	63.80	64.80	2.0	2.0	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	1	69.35	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	2	67.85	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	3	63.35	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	4	58.85	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	5	70.85	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	FLT	6	58.85	69.35	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	1	59.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	2	58.45	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	3	56.40	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	4	55.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	5	53.80	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	6	62.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
OPERATING ENGINEER	All	HWY	7	60.00	63.00	1.5	1.5	2.0	2.0	23.70	20.80	2.00	2.70	0.00	0.00	0.00
ORNAMENTAL IRON WORKER	All	ALL		57.51	60.51	2.0	2.0	2.0	2.0	14.31	26.50	0.00	2.00	0.00	0.00	0.00
PAINTER	All	ALL		53.05	59.68	1.5	1.5	1.5	2.0	15.76	16.19	0.00	1.86	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		46.76	52.53	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIVER	All	ALL		55.11	57.11	1.5	1.5	2.0	2.0	12.89	26.26	2.15	0.93	0.00	0.00	0.00
PIPEFITTER	All	BLD		57.00	60.00	1.5	1.5	2.0	2.0	13.65	22.85	0.00	3.12	0.00	0.00	0.00
PLASTERER	All	BLD		50.00	53.00	1.5	1.5	2.0	2.0	17.81	21.22	0.00	1.15		0.00	0.00
PLUMBER	All	BLD		58.55	62.05	1.5	1.5	2.0	2.0	17.75	17.74	0.00	1.83		0.00	0.00
ROOFER	All	BLD		50.25	55.25	1.5	1.5	2.0	2.0	11.98	17.34	0.00	1.11	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		53.05	57.29	1.5	1.5	2.0	2.0	14.88	28.65	0.00	1.15	0.00	0.00	0.00

## Cook County Prevailing Wage Rates posted on 4/15/2025

SIGN HANGER	All	BLD		36.72	39.66	1.5	1.5	2.0	2.0	7.45	4.70	0.00	0.00	0.00	0.00	0.00
SPRINKLER FITTER	All	BLD		60.00	62.75	1.5	1.5	2.0	2.0	14.95	19.40	0.00	1.10	0.00	0.00	0.00
STEEL ERECTOR	All	ALL		59.26	62.76	2.0	2.0	2.0	2.0	18.30	26.31	0.00	0.49	0.00	0.00	0.00
STONE MASON	All	BLD		52.06	57.27	1.5	1.5	2.0	2.0	12.70	24.54	0.00	1.24	0.00	3.99	7.98
SURVEY WORKER	All	BLD		56.50	57.50	1.5	1.5	2.0	2.0	17.75	14.15	0.00	1.49		0.00	0.00
SURVEY WORKER	All	HWY		56.50	57.50	1.5	1.5	2.0	2.0	17.75	14.15	0.00	1.49		0.00	0.00
TERRAZZO FINISHER	All	BLD		48.94	48.94	1.5	1.5	2.0	2.0	13.00	18.42	0.00	1.11	0.00	4.22	8.44
TERRAZZO MECHANIC	All	BLD		52.85	56.35	1.5	1.5	2.0	2.0	13.00	19.81	0.00	1.15	0.00	4.47	8.94
TRAFFIC SAFETY WORKER I	All	HWY		42.10	43.70	1.5	1.5	2.0	2.0	11.11	9.81	0.00	1.05	0.00	0.00	0.00
TRAFFIC SAFETY WORKER II	ALL	HWY		43.10	44.70	1.5	1.5	2.0	2.0	11.11	9.81	0.00	1.05	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	1	43.45		1.5	1.5	2.0	2.0	13.15	16.09	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	2	43.70		1.5	1.5	2.0	2.0	13.15	16.09	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	3	43.90		1.5	1.5	2.0	2.0	13.15	16.09	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	E	ALL	4	44.10		1.5	1.5	2.0	2.0	13.15	16.09	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	1	43.43		1.5	1.5	2.0	2.0	11.70	16.11	0.00	0.25		0.00	0.00
TRUCK DRIVER	W	ALL	2	43.58		1.5	1.5	2.0	2.0	11.70	16.11	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	3	43.78		1.5	1.5	2.0	2.0	11.70	16.11	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	W	ALL	4	43.98		1.5	1.5	2.0	2.0	11.70	16.11	0.00	0.25	0.00	0.00	0.00
TUCK POINTER	All	BLD		51.53	52.53	1.5	1.5	2.0	2.0	10.05	22.66	0.00	1.15	0.00	0.00	0.00

### Legend

**Rg** Region

**Type** Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

**C** Class

**Base** Base Wage Rate

**OT M-F** Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

**OT Sa** Overtime pay required for every hour worked on Saturdays

**OT Su** Overtime pay required for every hour worked on Sundays

**OT Hol** Overtime pay required for every hour worked on Holidays

**H/W** Health/Welfare benefit

**Vac** Vacation

**Trng** Training

## **Cook County Prevailing Wage Rates posted on 4/15/2025**

**Other Ins** Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial,

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education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

### **MARBLE FINISHER**

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

### **OPERATING ENGINEER - BUILDING**

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

## **Cook County Prevailing Wage Rates posted on 4/15/2025**

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

### **OPERATING ENGINEERS - HIGHWAY CONSTRUCTION**

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro

## **Cook County Prevailing Wage Rates posted on 4/15/2025**

Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

### **OPERATING ENGINEER - FLOATING**

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

### **SURVEY WORKER**

## **Cook County Prevailing Wage Rates posted on 4/15/2025**

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking.

### **SURVEY FOREMAN**

Operates survey equipment (such as levels, transits, data collectors, GPS and robotic total stations) for the purpose of performing construction layout and/or grade checking; oversees survey crew operations; and/or coordinates work of survey crews.

### **TERRAZZO FINISHER**

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

### **TRAFFIC SAFETY Worker I**

Traffic Safety Worker I - work associated with the delivery, installation, pick-up and servicing of safety devices during periods of roadway construction, including such work as set-up and maintenance of barricades, barrier wall reflectors, drums, cones, delineators, signs, crash attenuators, glare screen and other such items, and the layout and application or removal of conflicting and/or temporary roadway markings utilized to control traffic in construction zones, as well as flagging for these operations.

### **TRAFFIC SAFETY WORKER II**

Work associated with the installation and removal of permanent pavement markings and/or pavement markers including both installations performed by hand and installations performed by truck.

### **TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST**

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch

## **Cook County Prevailing Wage Rates posted on 4/15/2025**

trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

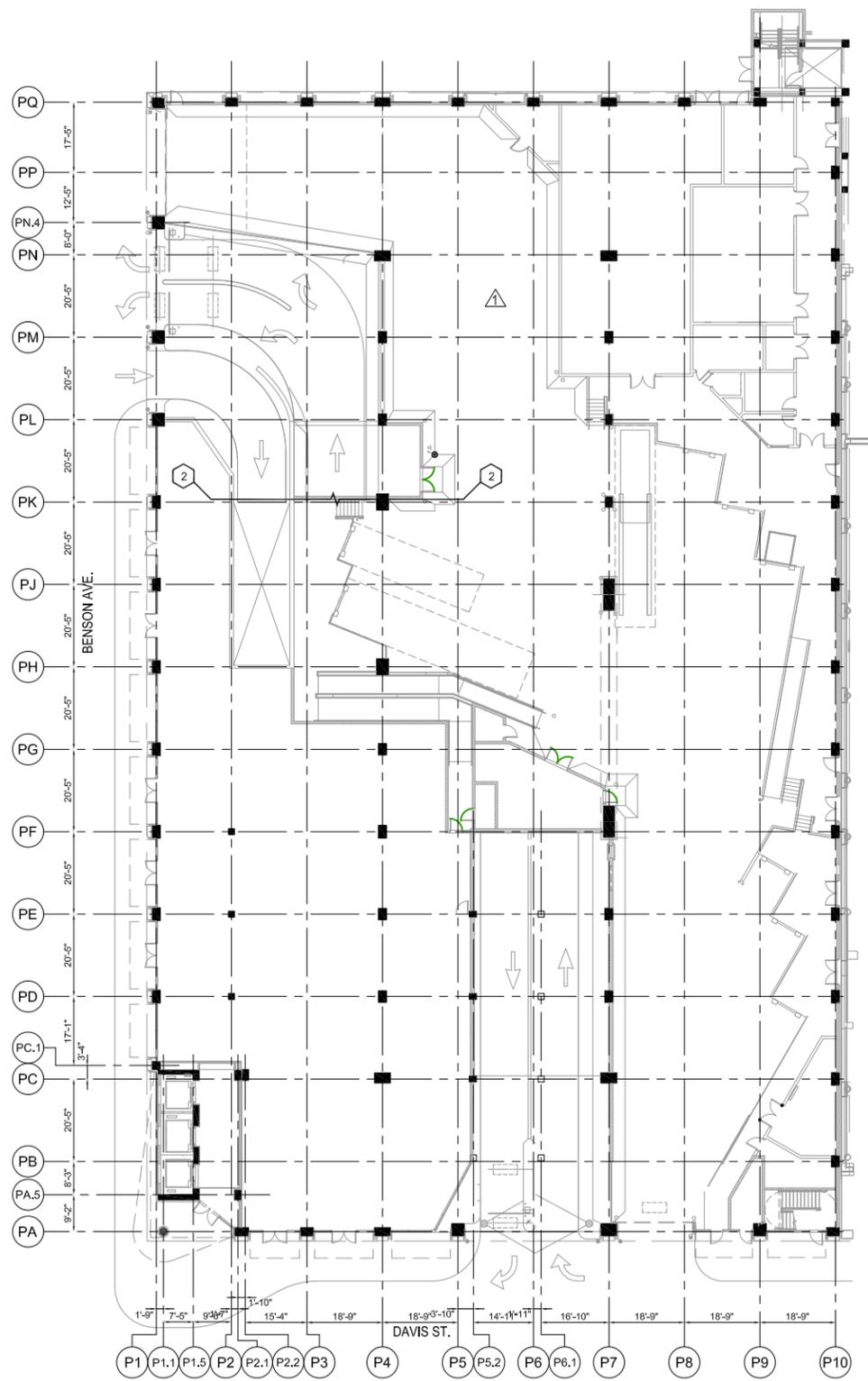
### **LANDSCAPING**

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

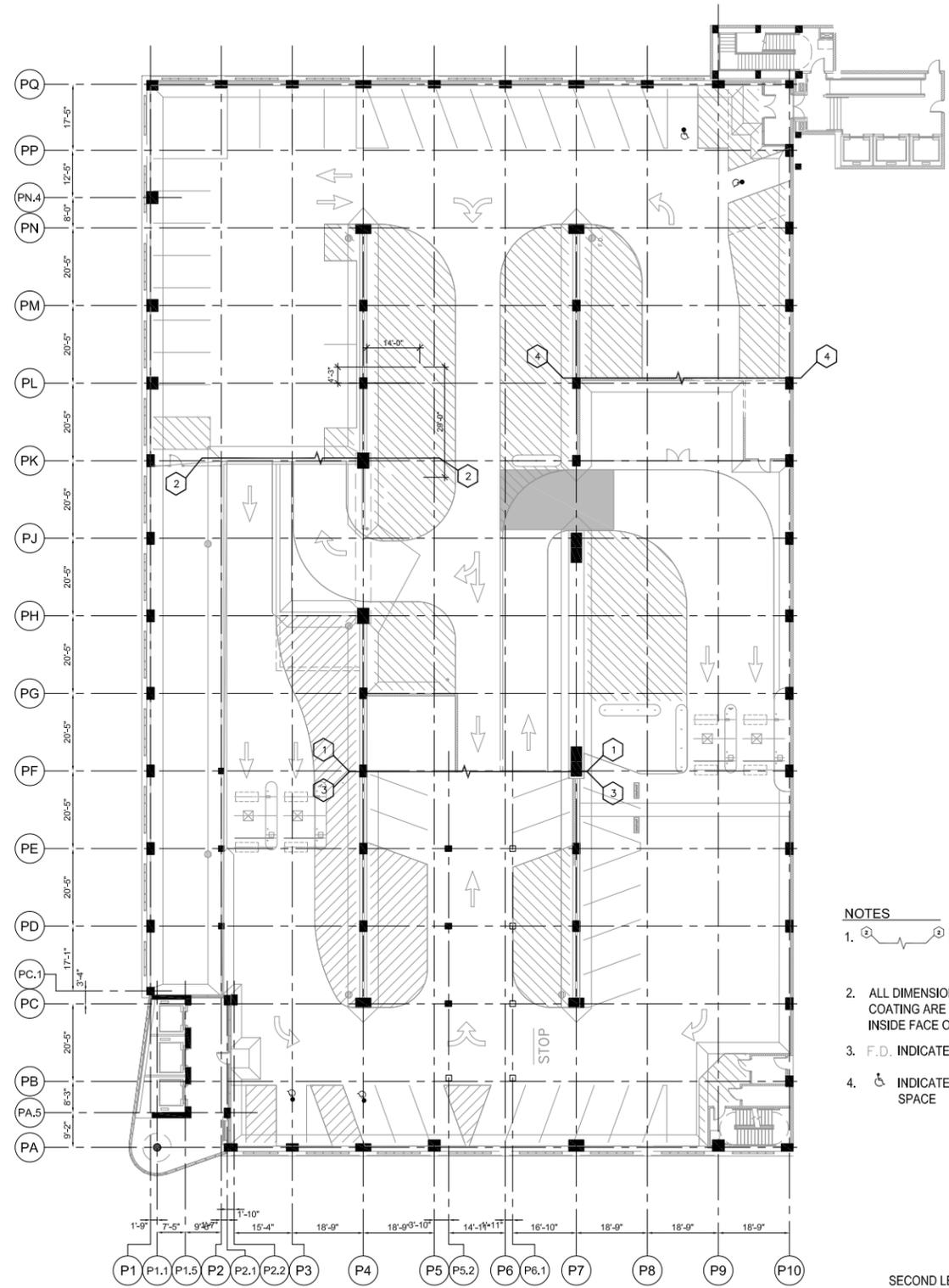
### **MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II**

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

**Cook County Prevailing Wage Rates posted on 4/15/2025**



GROUND LEVEL PLAN  
SCALE: 1" = 40'-0"



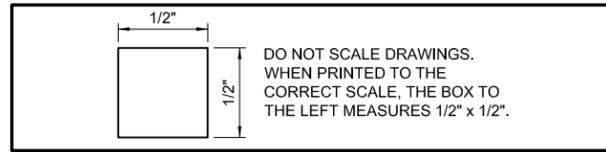
SECOND LEVEL PLAN  
SCALE: 1" = 40'-0"

NOTES

1. INDICATES PLAN MATCH LINES
2. ALL DIMENSIONS FOR STRIPING AND TRAFFIC COATING ARE FROM FACE OF COLUMN OR INSIDE FACE OF WALL U.N.O.
3. F.D. INDICATES EXISTING FLOOR DRAIN.
4. INDICATES ACCESSIBLE PARKING SPACE



1  
A111



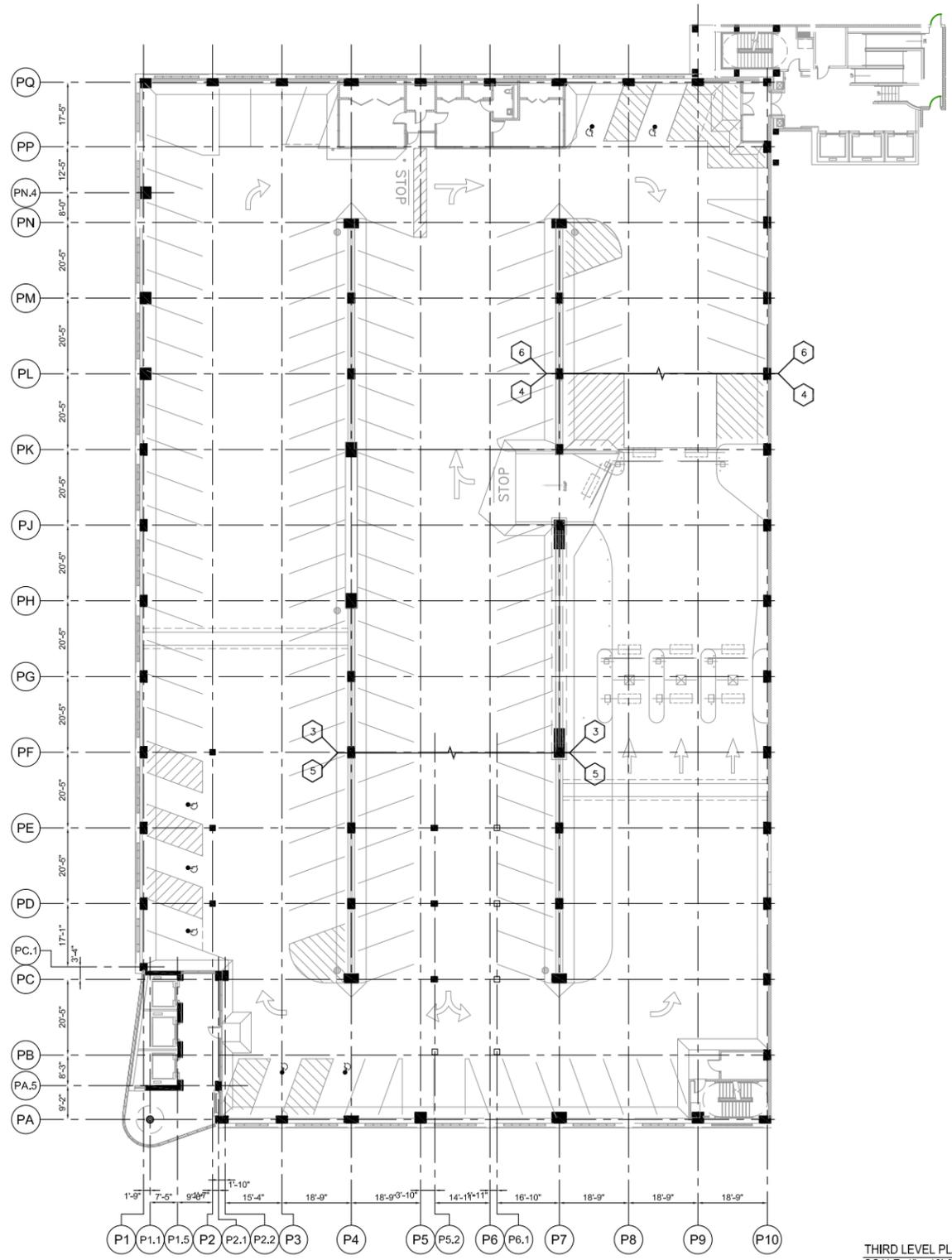
**CITY OF EVANSTON**  
Public Works Agency  
2100 Ridge Avenue  
Evanston, Illinois 60201

**GROUND LEVEL & SECOND LEVEL PLAN  
SHERMAN AVE GARAGE**

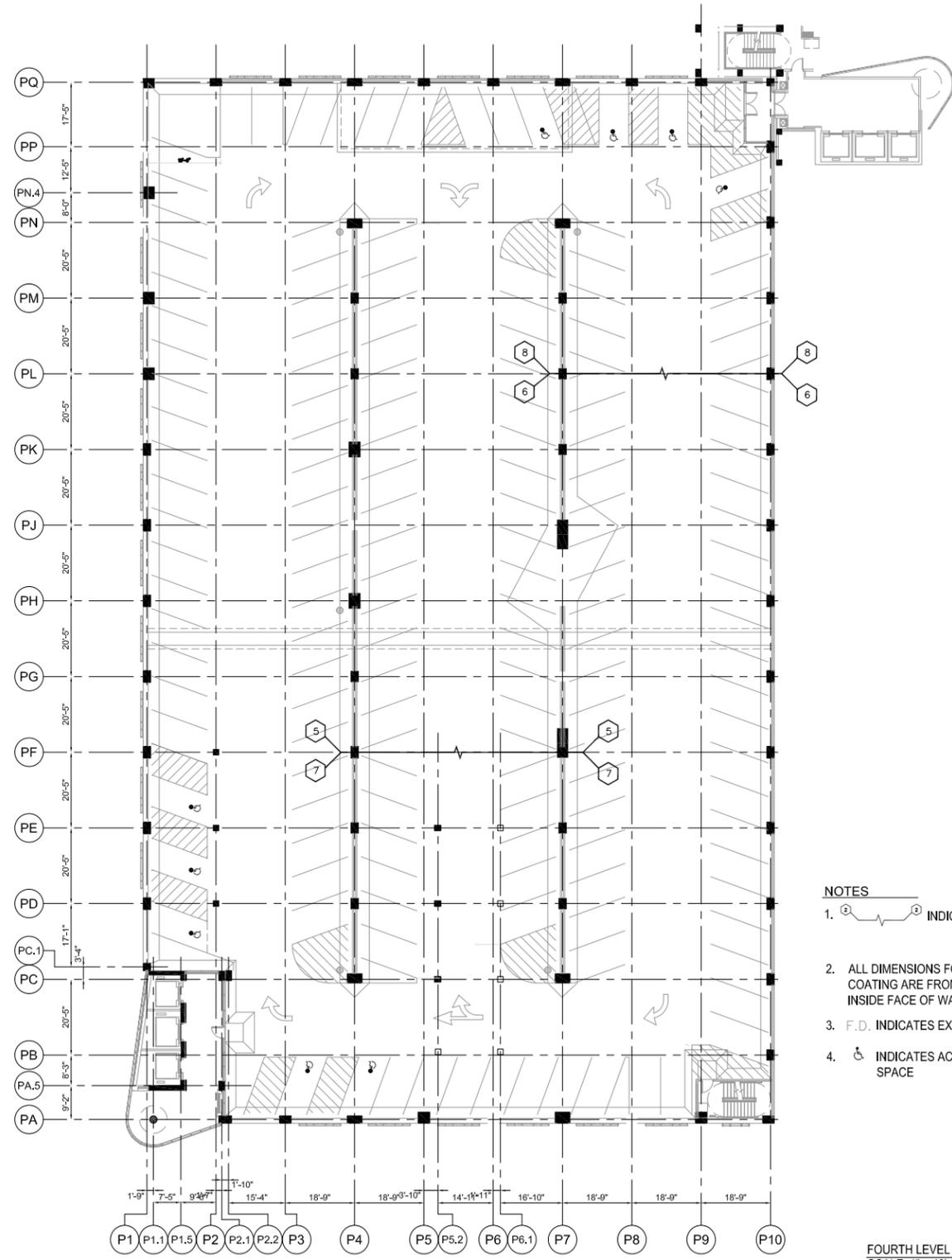
DATE	REVISIONS

DATE	3/28/2019
SCALE	1" = 40'-0"
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CHECKED BY	

SHEET NO.	A111
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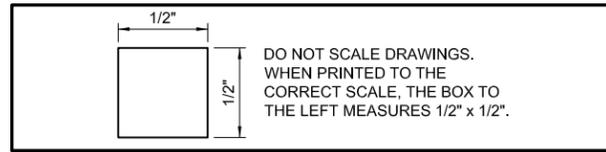


THIRD LEVEL PLAN  
SCALE: 1" = 40'-0"



FOURTH LEVEL PLAN  
SCALE: 1" = 40'-0"

- NOTES**
- ① ② ③ INDICATES PLAN MATCH LINES
  - ALL DIMENSIONS FOR STRIPING AND TRAFFIC COATING ARE FROM FACE OF COLUMN OR INSIDE FACE OF WALL U.N.O.
  - F.D. INDICATES EXISTING FLOOR DRAIN.
  - ♿ INDICATES ACCESSIBLE PARKING SPACE



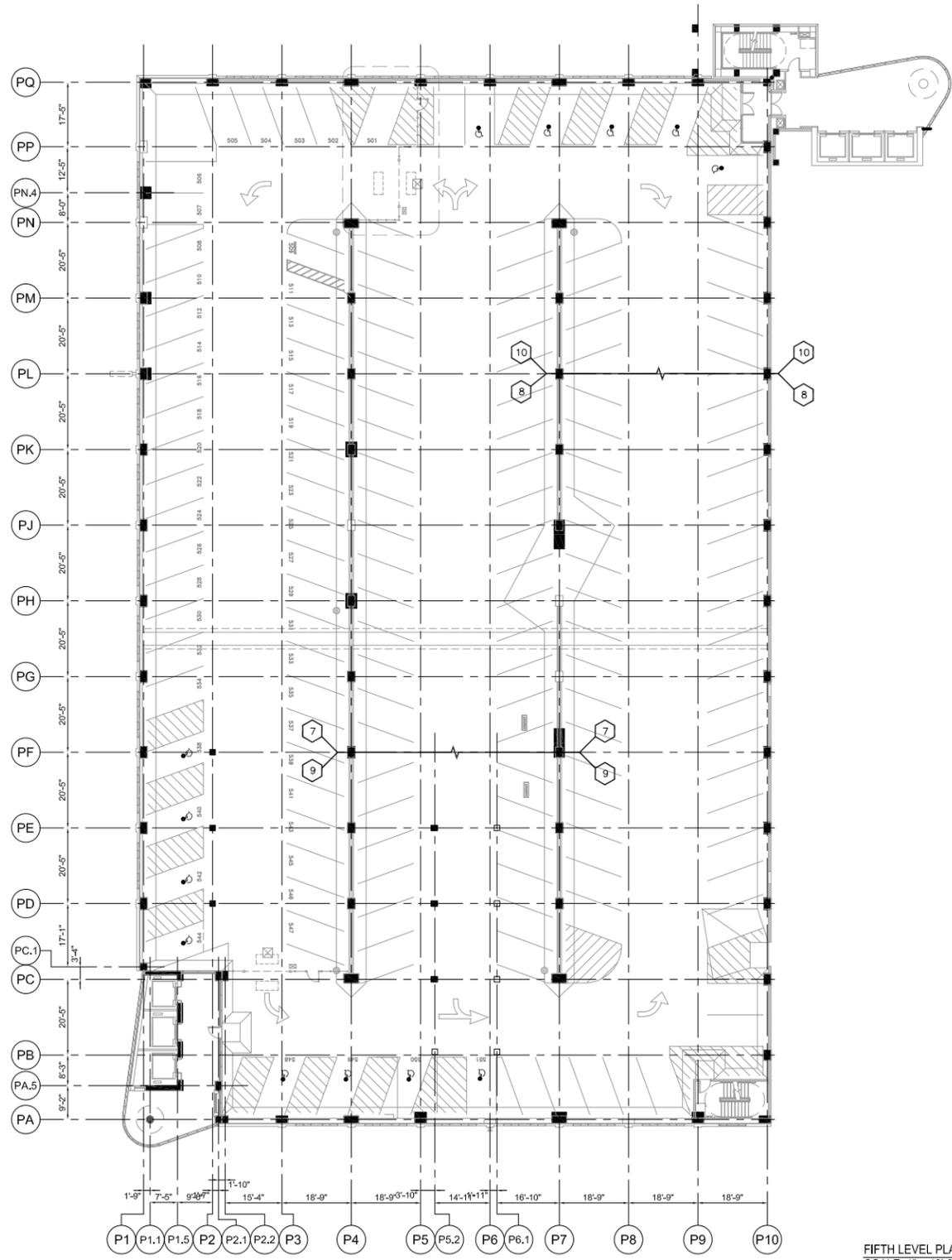
**CITY OF EVANSTON**  
Public Works Agency  
2100 Ridge Avenue  
Evanston, Illinois 60201

**THIRD LEVEL & FOURTH LEVEL PLAN  
SHERMAN AVE GARAGE**

DATE	REVISIONS

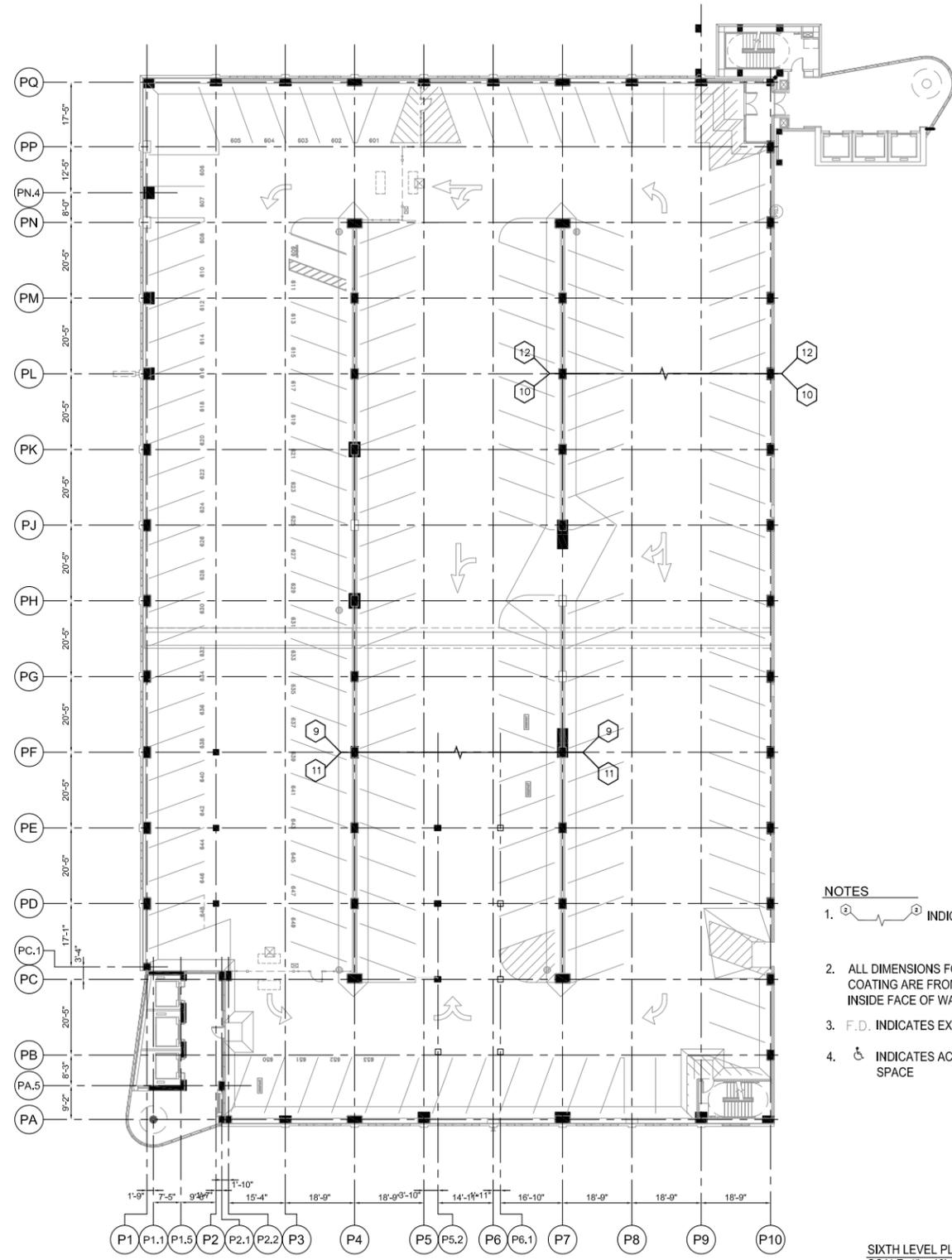
DATE	3/28/2019
SCALE	1" = 40'-0"
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FIFTH LEVEL PLAN  
SCALE: 1" = 40'-0"

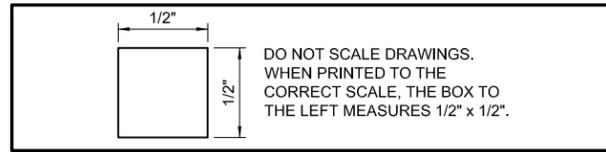
2  
A113



SIXTH LEVEL PLAN  
SCALE: 1" = 40'-0"

1  
A113

- NOTES**
- ① ② ③ INDICATES PLAN MATCH LINES
  - ALL DIMENSIONS FOR STRIPING AND TRAFFIC COATING ARE FROM FACE OF COLUMN OR INSIDE FACE OF WALL U.N.O.
  - F.D. INDICATES EXISTING FLOOR DRAIN.
  - ♿ INDICATES ACCESSIBLE PARKING SPACE



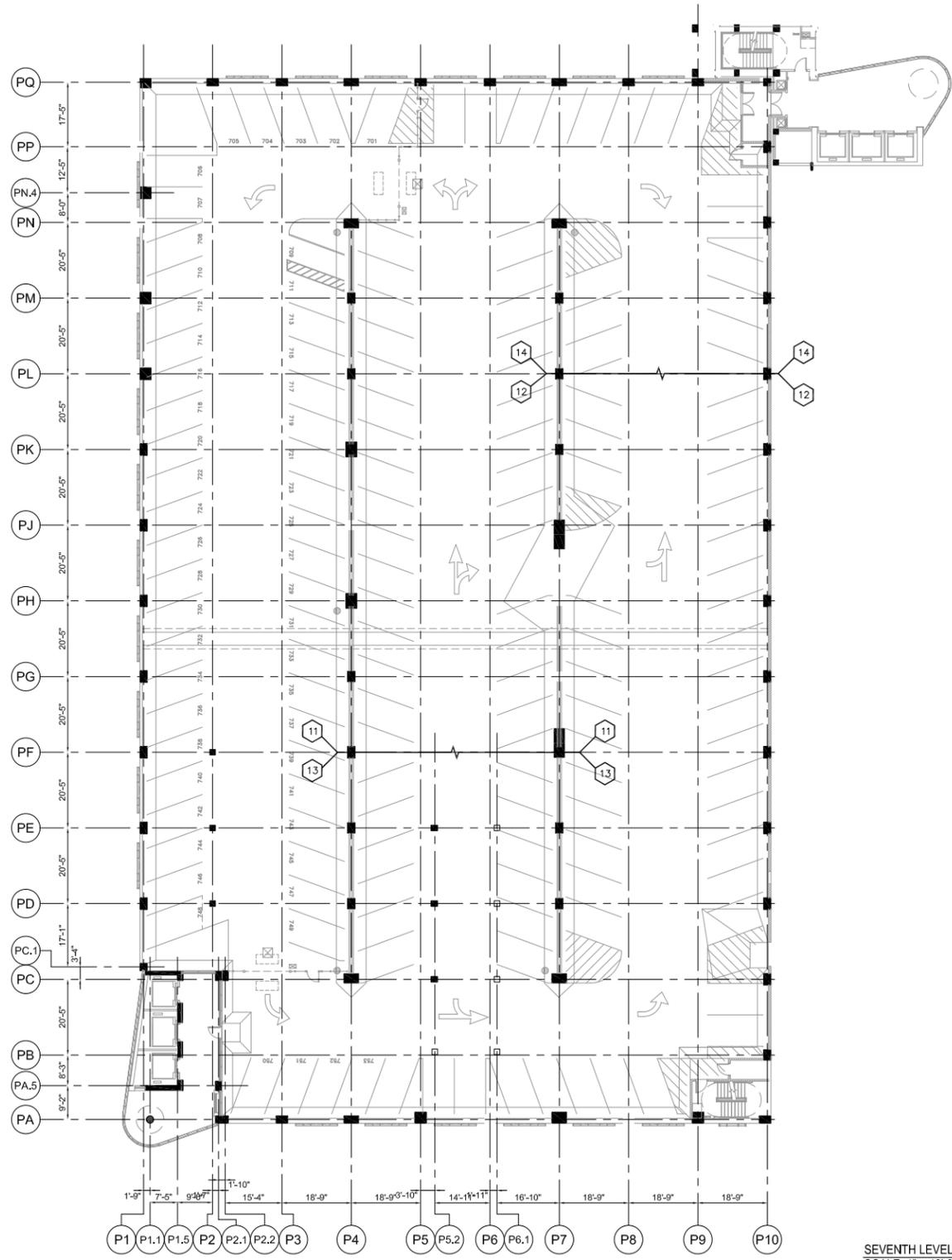
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Public Works Agency  
2100 Ridge Avenue  
Evanston, Illinois 60201

**FIFTH LEVEL & SIXTH LEVEL PLAN  
SHERMAN AVE GARAGE**

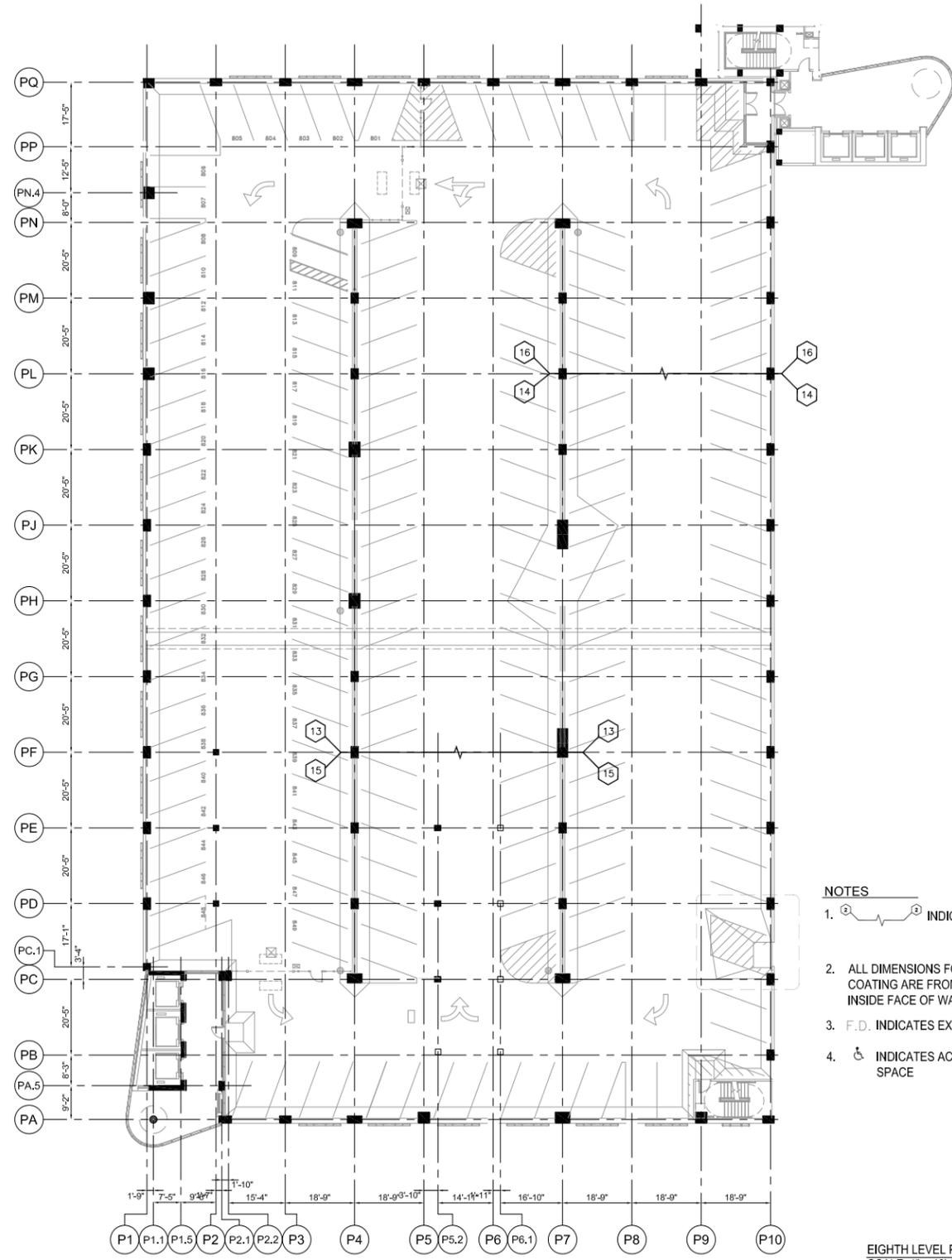
DATE	REVISIONS

DATE	3/28/2019
SCALE	1" = 40'-0"
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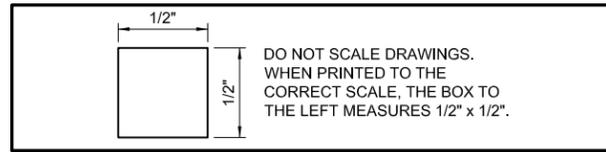


SEVENTH LEVEL PLAN  
SCALE: 1" = 40'-0"



EIGHTH LEVEL PLAN  
SCALE: 1" = 40'-0"

- NOTES**
- ① ② ③ INDICATES PLAN MATCH LINES
  - ALL DIMENSIONS FOR STRIPING AND TRAFFIC COATING ARE FROM FACE OF COLUMN OR INSIDE FACE OF WALL U.N.O.
  - F.D. INDICATES EXISTING FLOOR DRAIN.
  - ♿ INDICATES ACCESSIBLE PARKING SPACE



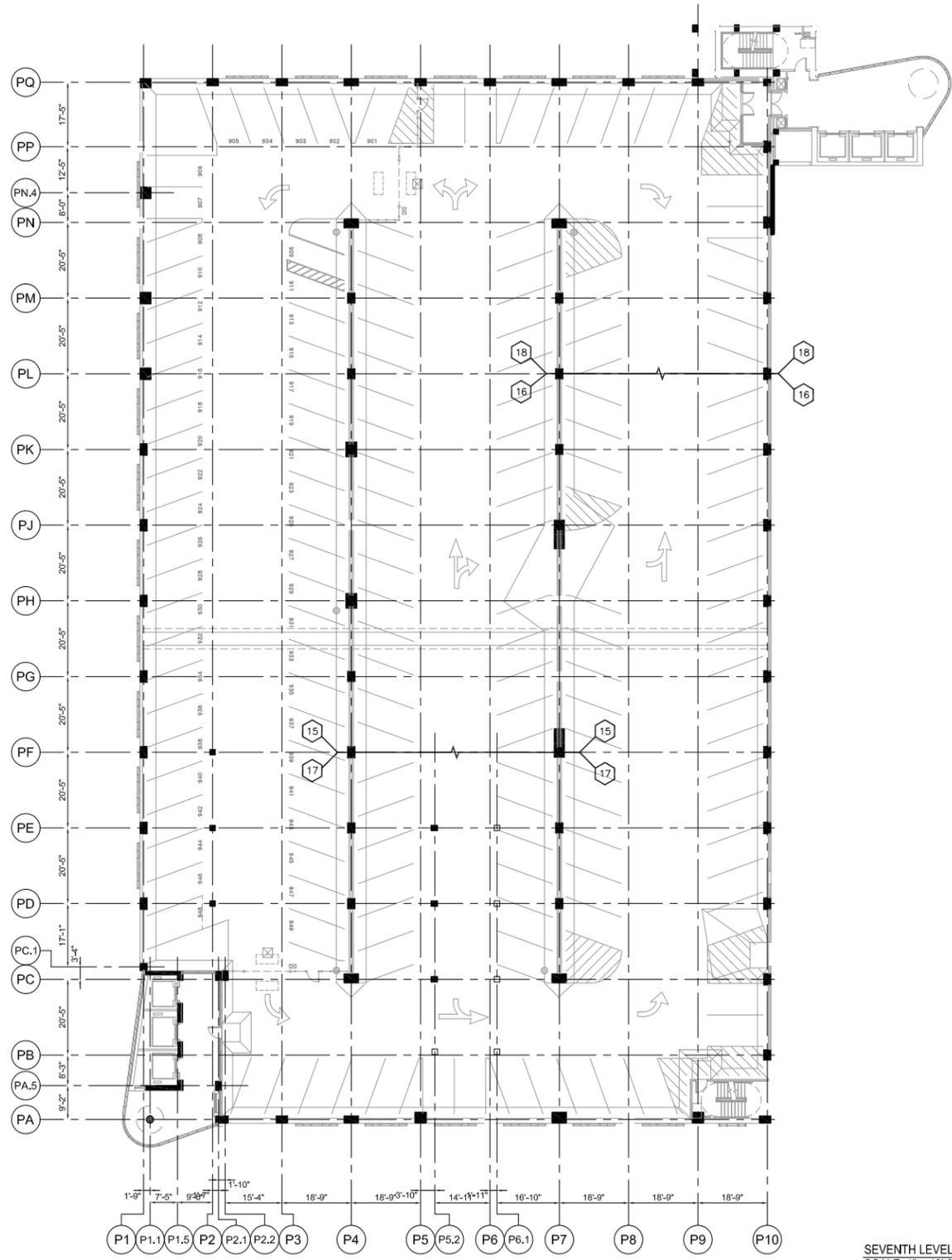
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Public Works Agency  
2100 Ridge Avenue  
Evanston, Illinois 60201

**SEVENTH LEVEL & EIGHTH LEVEL PLAN  
SHERMAN AVE GARAGE**

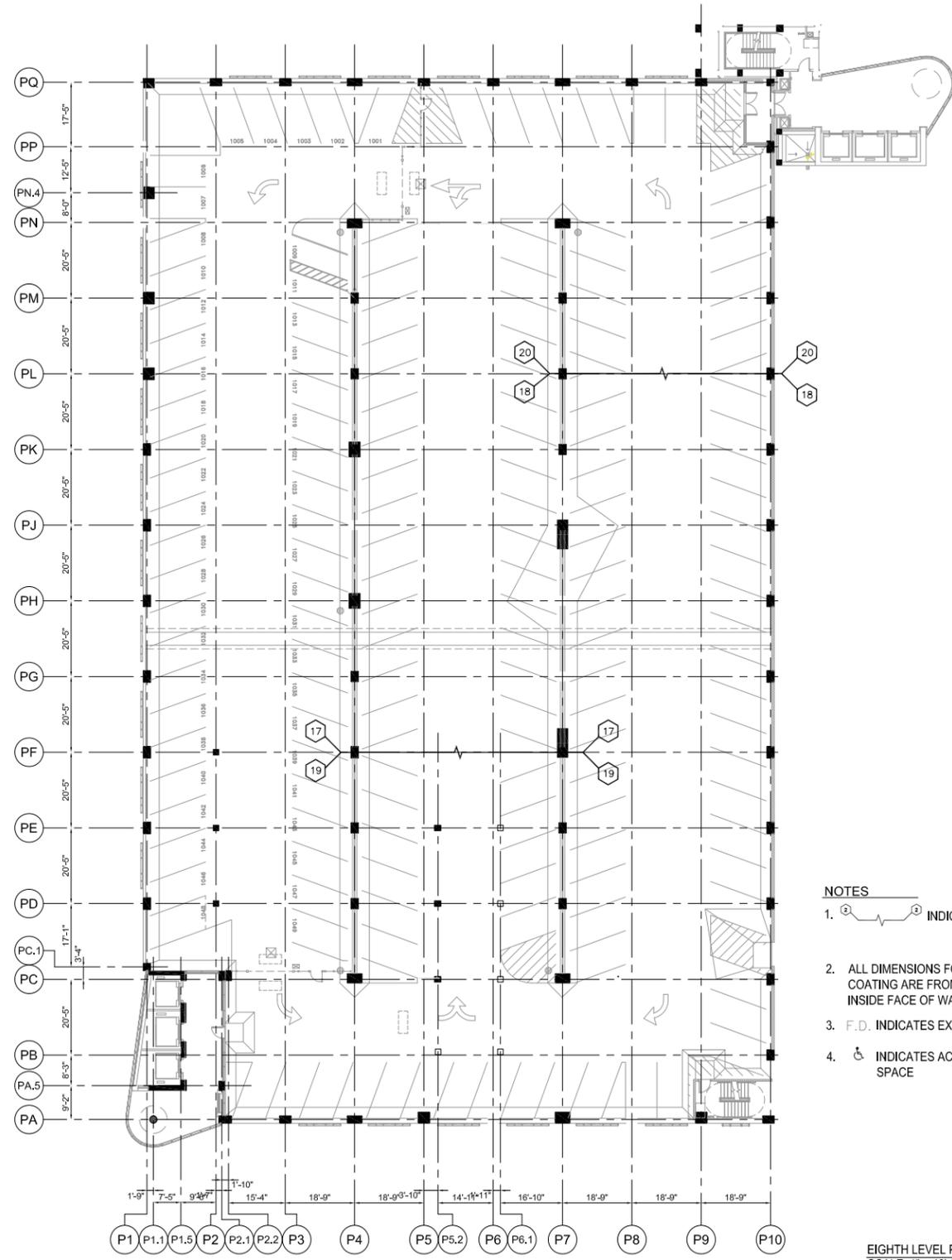
DATE	REVISIONS

DATE	3/28/2019
SCALE	1" = 40'-0"
DRAWN BY	
CHECKED BY	

SHEET NO.	A114
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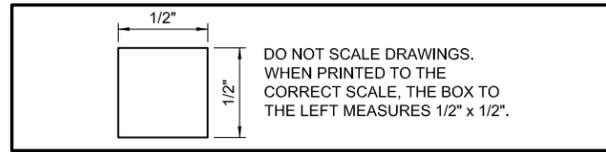


SEVENTH LEVEL PLAN  
SCALE: 1" = 40'-0"  
2  
A114



- NOTES
- ① ② ③ INDICATES PLAN MATCH LINES
  - ALL DIMENSIONS FOR STRIPING AND TRAFFIC COATING ARE FROM FACE OF COLUMN OR INSIDE FACE OF WALL U.N.O.
  - F.D. INDICATES EXISTING FLOOR DRAIN.
  - ♿ INDICATES ACCESSIBLE PARKING SPACE

EIGHTH LEVEL PLAN  
SCALE: 1" = 40'-0"  
1  
A114



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2100 Ridge Avenue  
Evanston, Illinois 60201

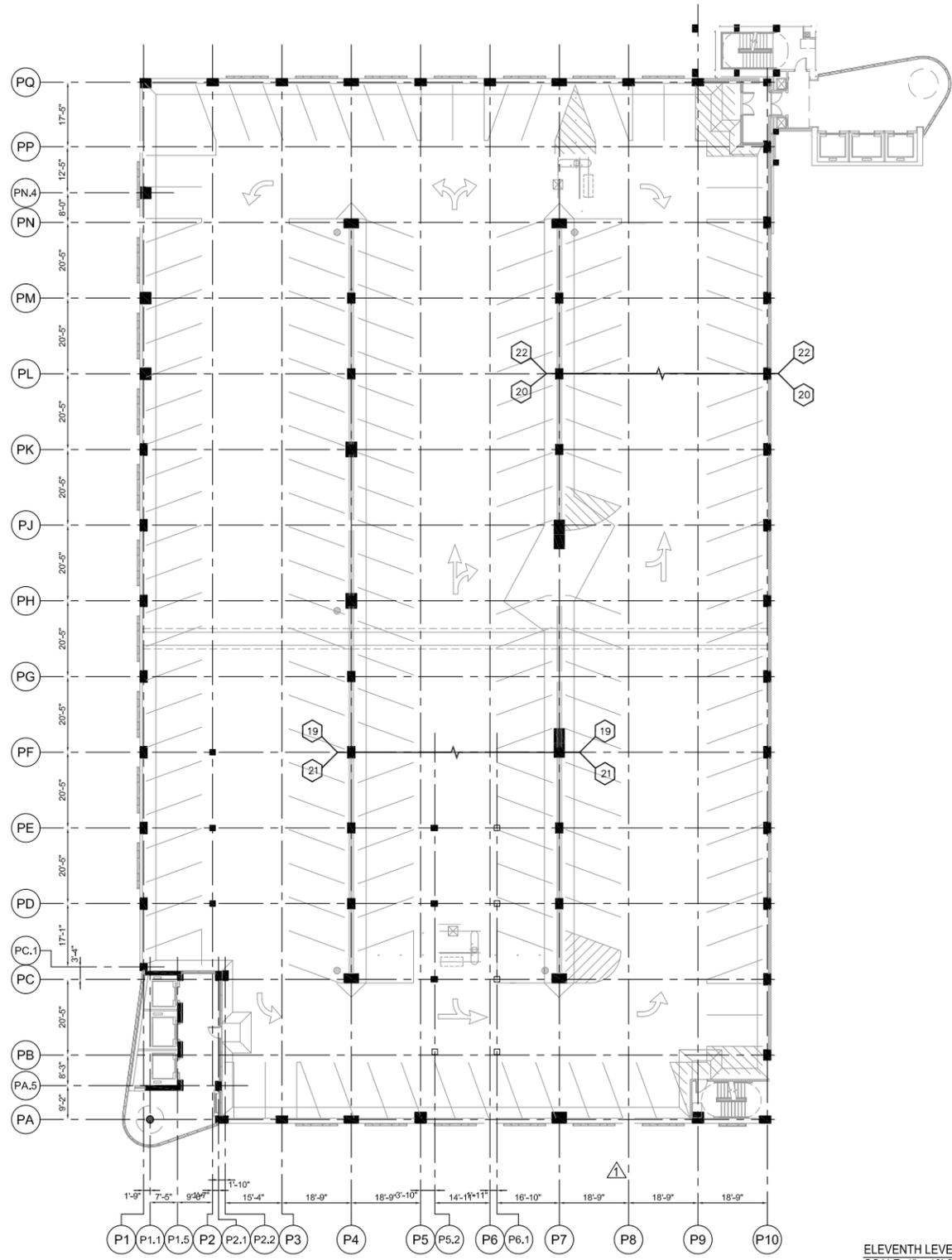


**NINTH LEVEL & TENTH LEVEL PLAN**  
**SHERMAN AVE GARAGE**

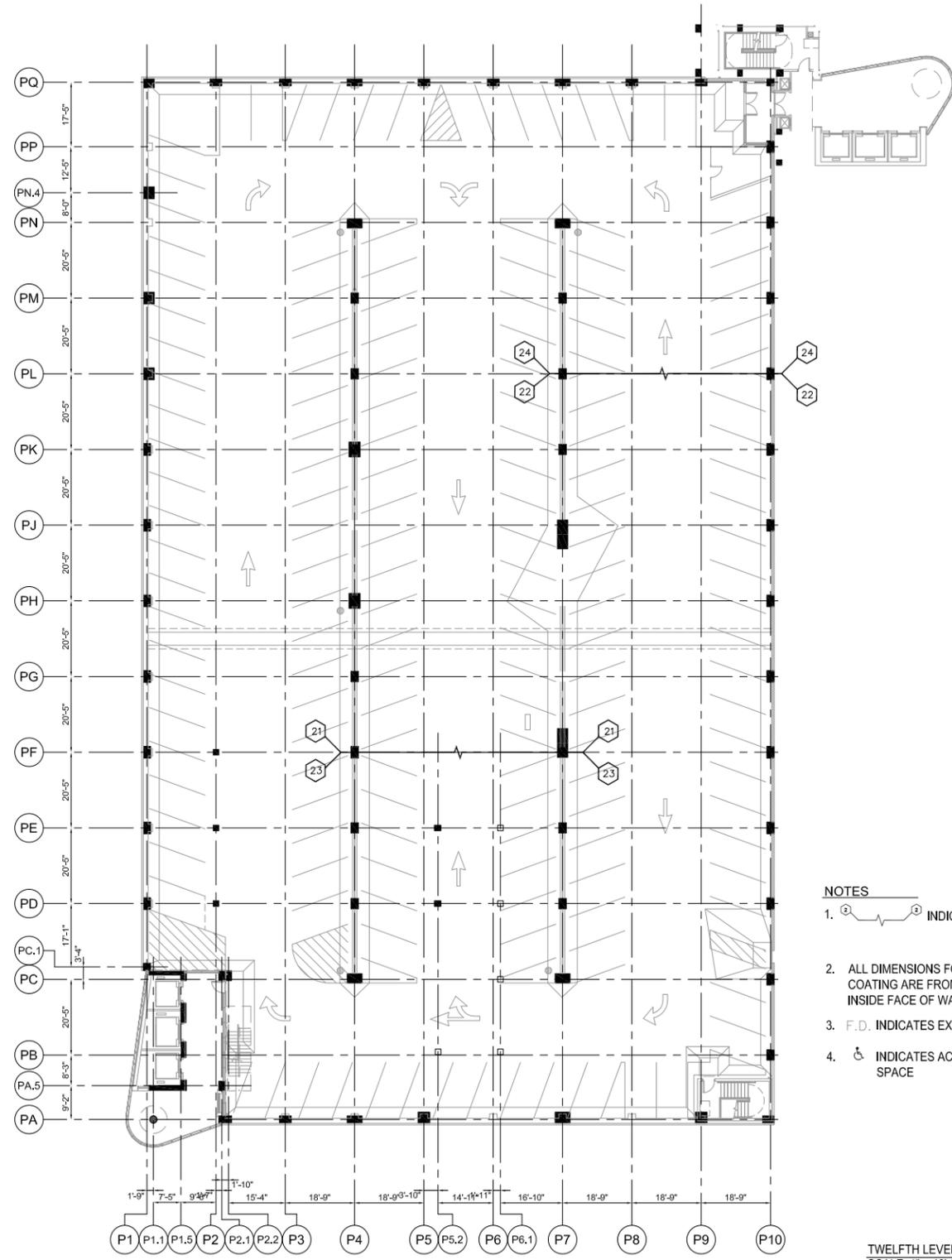
DATE	REVISIONS

DATE	3/28/2019
SCALE	1" = 40'-0"
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SHEET NO.	A115
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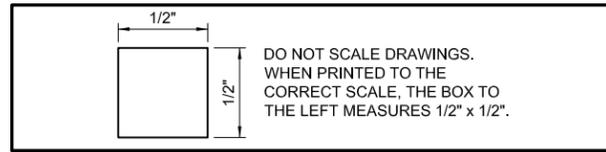


ELEVENTH LEVEL PLAN  
SCALE: 1" = 40'-0"  
2  
A116



TWELFTH LEVEL PLAN  
SCALE: 1" = 40'-0"  
1  
A116

- NOTES**
- ① ② ③ INDICATES PLAN MATCH LINES
  - ALL DIMENSIONS FOR STRIPING AND TRAFFIC COATING ARE FROM FACE OF COLUMN OR INSIDE FACE OF WALL U.N.O.
  - F.D. INDICATES EXISTING FLOOR DRAIN.
  - ♿ INDICATES ACCESSIBLE PARKING SPACE



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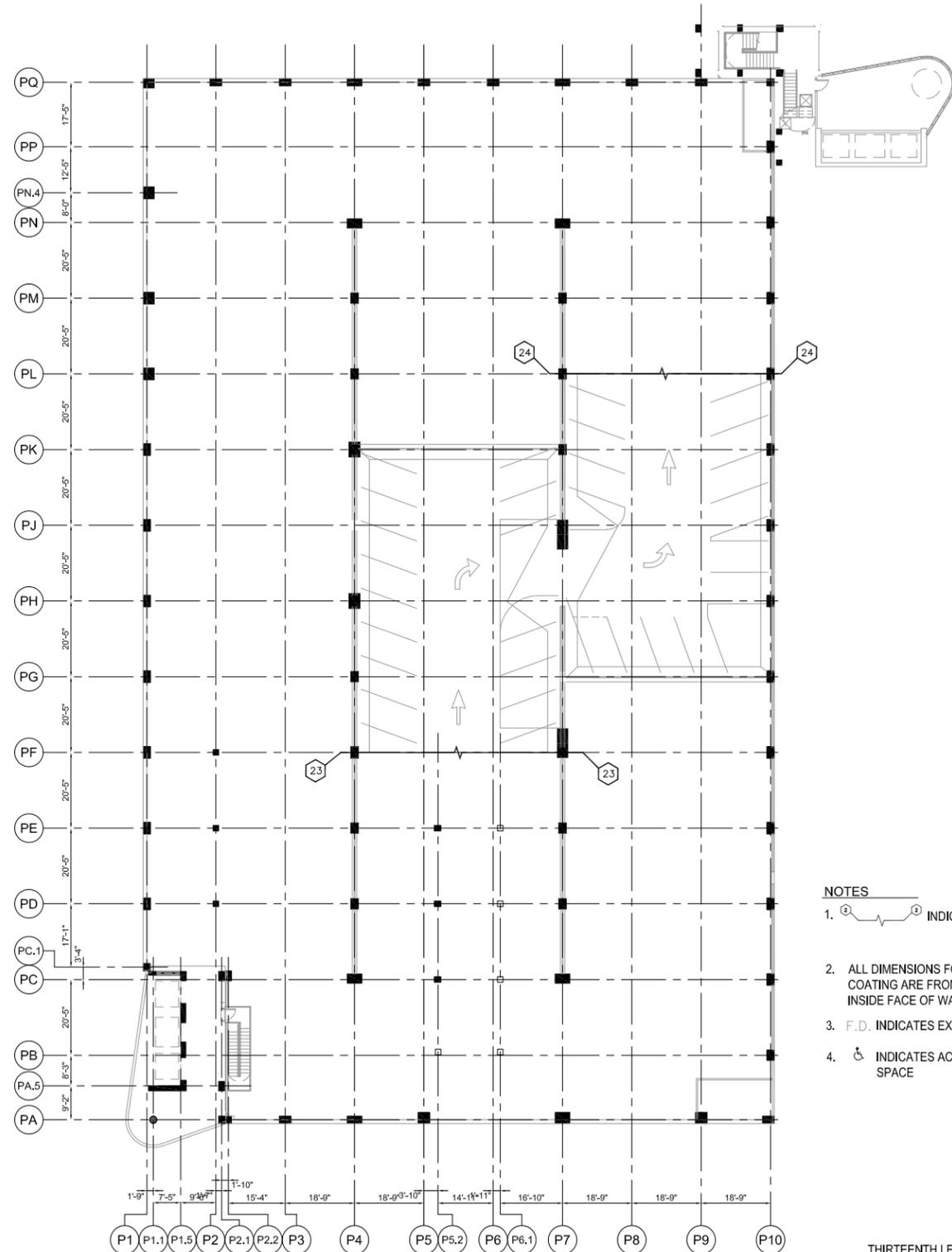
**ELEVENTH LEVEL & TWELFTH LEVEL PLAN  
SHERMAN AVE GARAGE**

DATE	REVISIONS

DATE	3/28/2019
SCALE	1" = 40'-0"
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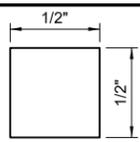
SHEET NO.	

A116



- NOTES**
- ①-② INDICATES PLAN MATCH LINES
  - ALL DIMENSIONS FOR STRIPING AND TRAFFIC COATING ARE FROM FACE OF COLUMN OR INSIDE FACE OF WALL U.N.O.
  - F.D. INDICATES EXISTING FLOOR DRAIN.
  - ♿ INDICATES ACCESSIBLE PARKING SPACE

THIRTEENTH LEVEL PLAN  
SCALE: 1" = 40'-0"



DO NOT SCALE DRAWINGS. WHEN PRINTED TO THE CORRECT SCALE, THE BOX TO THE LEFT MEASURES 1/2" x 1/2".

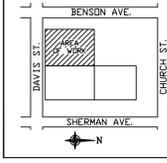
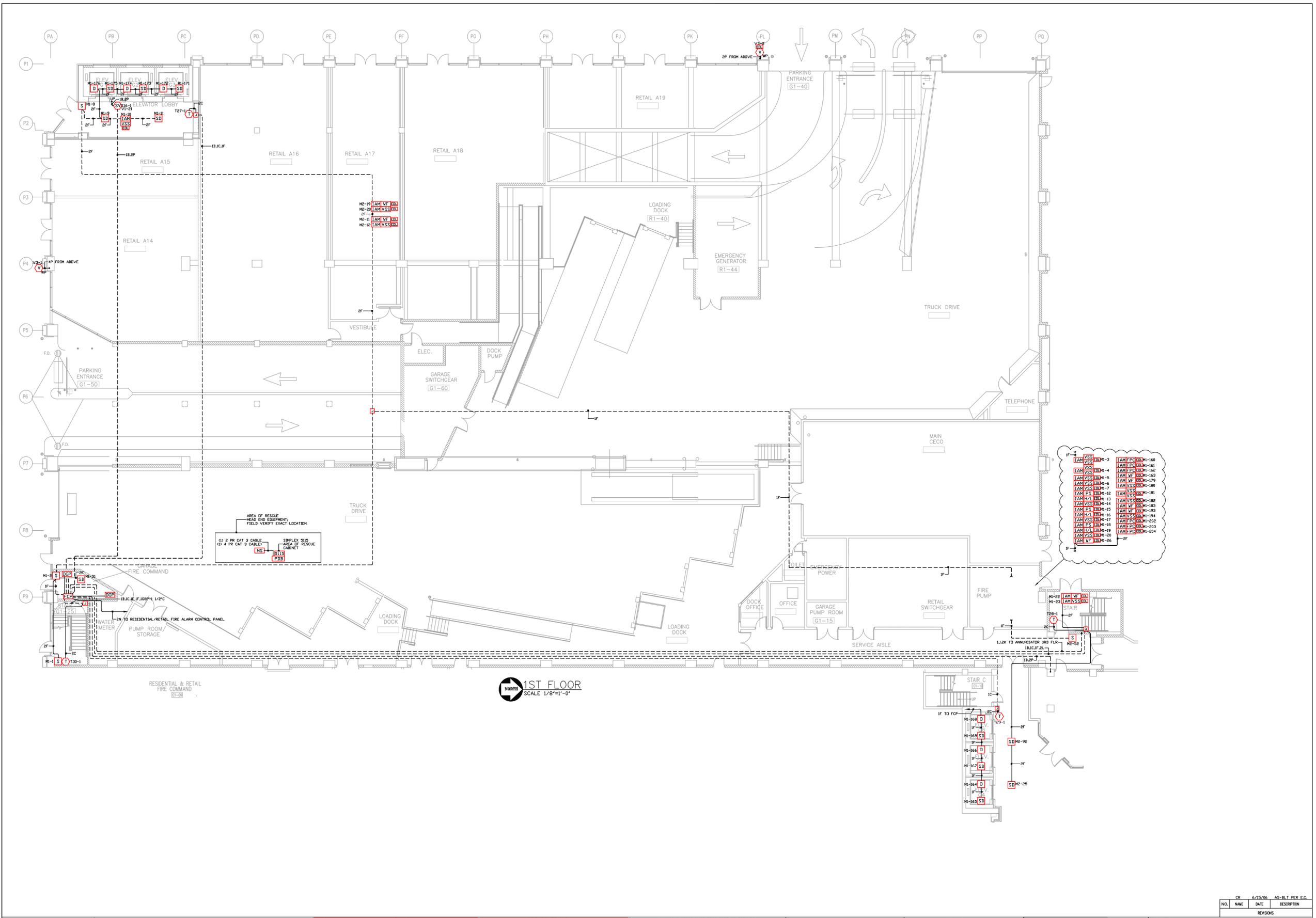
**CITY OF EVANSTON**  
Public Works Agency  
2100 Ridge Avenue  
Evanston, Illinois 60201

**THIRTEENTH LEVEL PLAN  
SHERMAN AVE GARAGE & SILANE SPECIFICATION**

DATE	REVISIONS

DATE	3/28/2019
SCALE	1" = 40'-0"
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CHECKED BY	

SHEET NO.	1 A117
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**SCOPE OF WORK:**  
 NEW PARKING GARAGE, 13 LEVELS  
 INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
 BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
 ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	14GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC CTS
D	14GA THIN SOLID WIRE (CHROME ALARM)
E	16GA TWISTED SHIELDED PAIR (COMM LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (PHONE)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPRINKLER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (FIRE ALARM)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (PHONE DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	14GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (NETWORK INTERFACED)
P	18GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
 ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
 ALL SPEAKERS WILL BE SET AT 1 WATT @ 1.0 N.  
 ALL SPEAKERS WILL BE SET AS FOLLOWS:  
 70 VOLT RMS 1/4W (70 DB @ 10')  
 70 VOLT RMS 1/4W (81 DB @ 10')  
 70 VOLT RMS 1/4W (89 DB @ 10')  
 70 VOLT RMS 1/4W (97 DB @ 10')  
 ALL JACKETED CABLE IS NON-POWER LIMITED TYPE  
 NPLF PER NEC ARTICLE 760  
 CONTACT LOCAL SIMPLEX BRANCH OFFICE  
 FOR LIST OF APPROVED CABLE

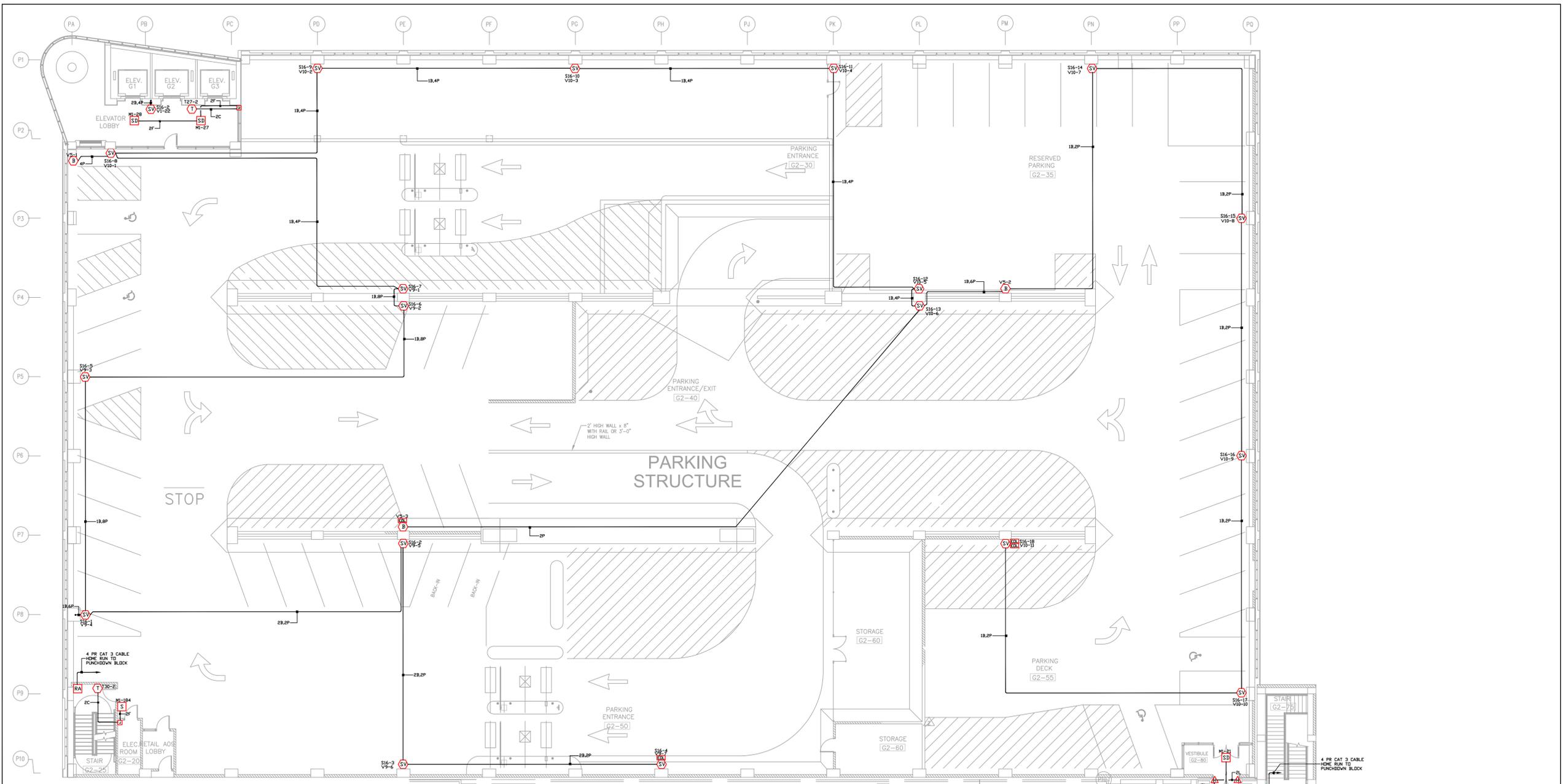
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
 180 WEST 16th STREET  
 BROADVIEW, ILLINOIS 60155 (708)-343-5511

**NOTICE**  
 THESE FIRE ALARM DRAWINGS WERE PREPARED BY  
 SIMPLEXGRINNELL AND REFLECT  
 THE DESIGN AND DEVICE LOCATIONS AS SHOWN  
 ON THE ORIGINAL BID DRAWINGS THAT WERE  
 DESIGNED BY THE PROJECT ARCHITECT AND/OR ENGINEER.  
 ALL FIRE ALARM SYSTEM DESIGN AND ENGINEERING  
 AS IT RELATES TO THE NATIONAL AND LOCAL FIRE CODES  
 HAS BEEN DONE BY OTHERS AND NOT SIMPLEXGRINNELL

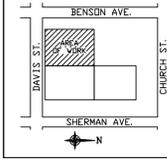
**tyco Fire & Security / SimplexGrinnell**  
 FIRE DETECTION AND ALARM, SECURITY,  
 CLOSED CIRCUIT VIDEO, ACCESS CONTROL,  
 TIME CONTROL, NURSE CALL, COMMUNICATIONS SYSTEMS  
 91 NORTH MITCHELL COURT  
 ADDISON, IL. 60101  
 630/948-1100

REVISIONS			
NO.	NAME	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.	

PROJECT NAME: SHERMAN PLAZA  
 PARKING GARAGE  
 821 DAVIS ST.  
 EVANSTON, IL  
 DRAWING TITLE: LIFE SAFETY/FIRE ALARM  
 DRAWN BY: CR DATE: 5/23/05 APPROVED: DATE:  
 PROJECT NO: DWG NO: 1ST FLOOR  
 FILE NAME: SHEET 2 of 19



**2ND FLOOR**  
SCALE 1/8"=1'-0"



**SCOPE OF WORK:**  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF w/ 20dB/100' SPOKERS
C	16GA TWISTED SHIELDED PAIR NPLF w/ 20dB/100' TEL
D	16GA THIN SOLID WIRE (REDITE ALARM)
E	16GA TWISTED SHIELDED PAIR COBN LINE
F	16GA TWISTED SHIELDED PAIR NPLF w/ 20dB/100' (WARRANTY)
G	16GA TWISTED SHIELDED PAIR NPLF w/ 20dB/100' (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF w/ 20dB/100' (TEL RISER)
J	16GA TWISTED SHIELDED PAIR NPLF w/ 20dB/100' (FAX DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF w/ 20dB/100' (NETWORK INTERFACE)
P	16GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT U.S.N.  
ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (81 DB @ 10')  
70 VOLT RMS 1/2W (84 DB @ 10')  
70 VOLT RMS 1W (87 DB @ 10')  
70 VOLT RMS 2W (90 DB @ 10')

ALL JACKETS CABLE IS NON-POWDER LIMITED TYPE  
NPLF PER NEC ARTICLE 760  
CONTACT LOCAL SIMPLEX BRANCH OFFICE  
FOR LIST OF APPROVED CABLE

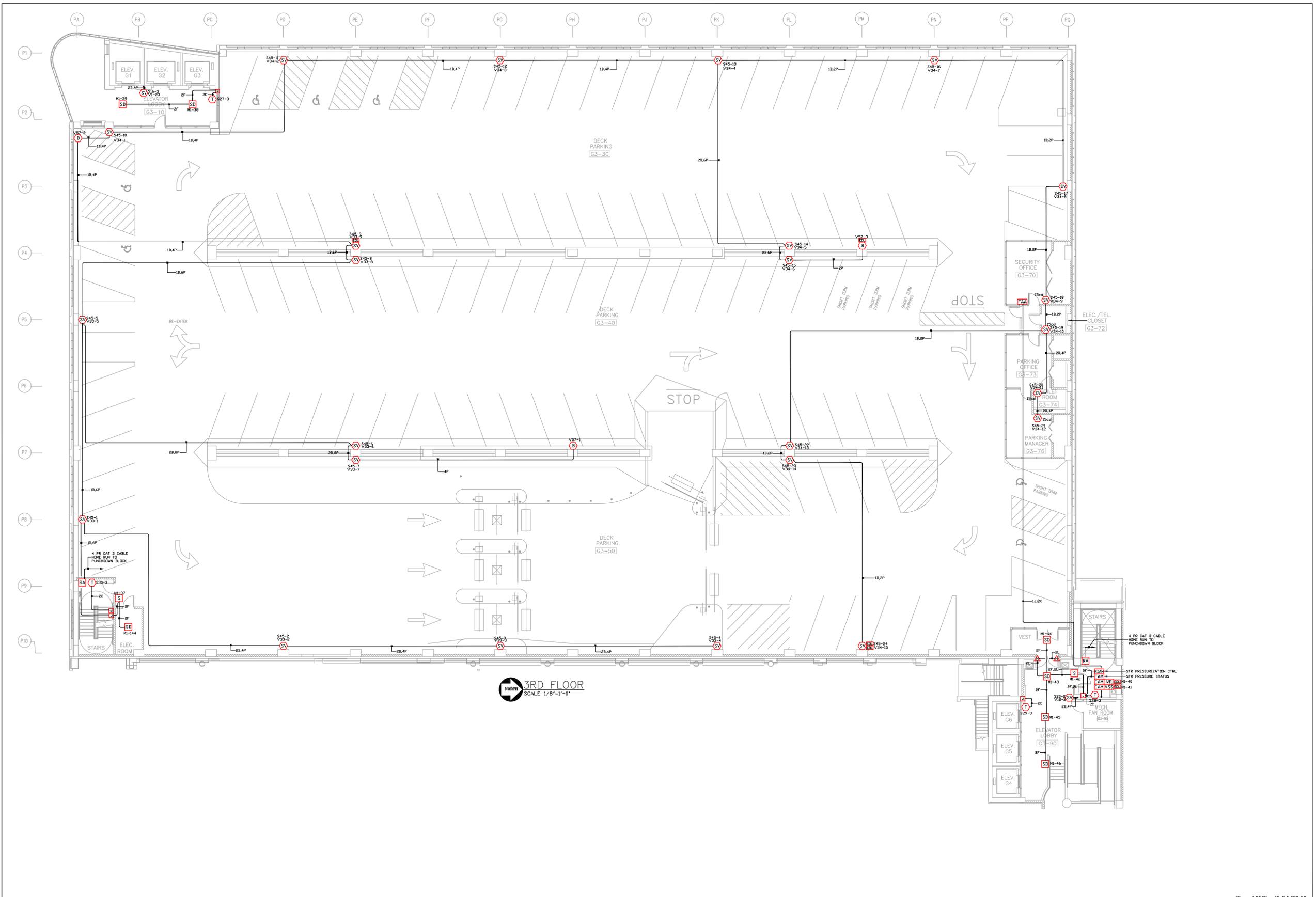
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16TH STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

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ALL FIRE ALARM SYSTEM DESIGN AND ENGINEERING AS IT RELATES TO THE NATIONAL AND LOCAL FIRE CODES HAS BEEN DONE BY OTHERS AND NOT SIMPLEXGRINNELL

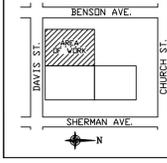
**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, TIME CONTROL, NURSE CALL, ACCESS CONTROL  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DRAWN BY:	CR
DATE:	5/23/05
APPROVED:	
PROJECT NO.:	
DWG NO.:	2ND FLOOR
FILE NAME:	

NO.	NAME	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.	



3RD FLOOR  
SCALE 1/8"=1'-0"



SCOPE OF WORK:  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	14GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100HZ SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 100V/100HZ CTEL
D	14GA THIN SOLID WIRE (HEAT ALARM)
E	16GA TWISTED SHIELDED PAIR COERM LINE
F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100HZ (HORN/NOT)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100HZ (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100HZ (SPKR RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100HZ (DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	14GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100HZ (NETWORK INTERFACE)
P	18GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT @ 1000 Hz  
ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (70 DB @ 10')  
70 VOLT RMS 1/4W (81 DB @ 10')  
70 VOLT RMS 1/4W (84 DB @ 10')  
70 VOLT RMS 1/4W (87 DB @ 10')  
70 VOLT RMS 1/4W (90 DB @ 10')

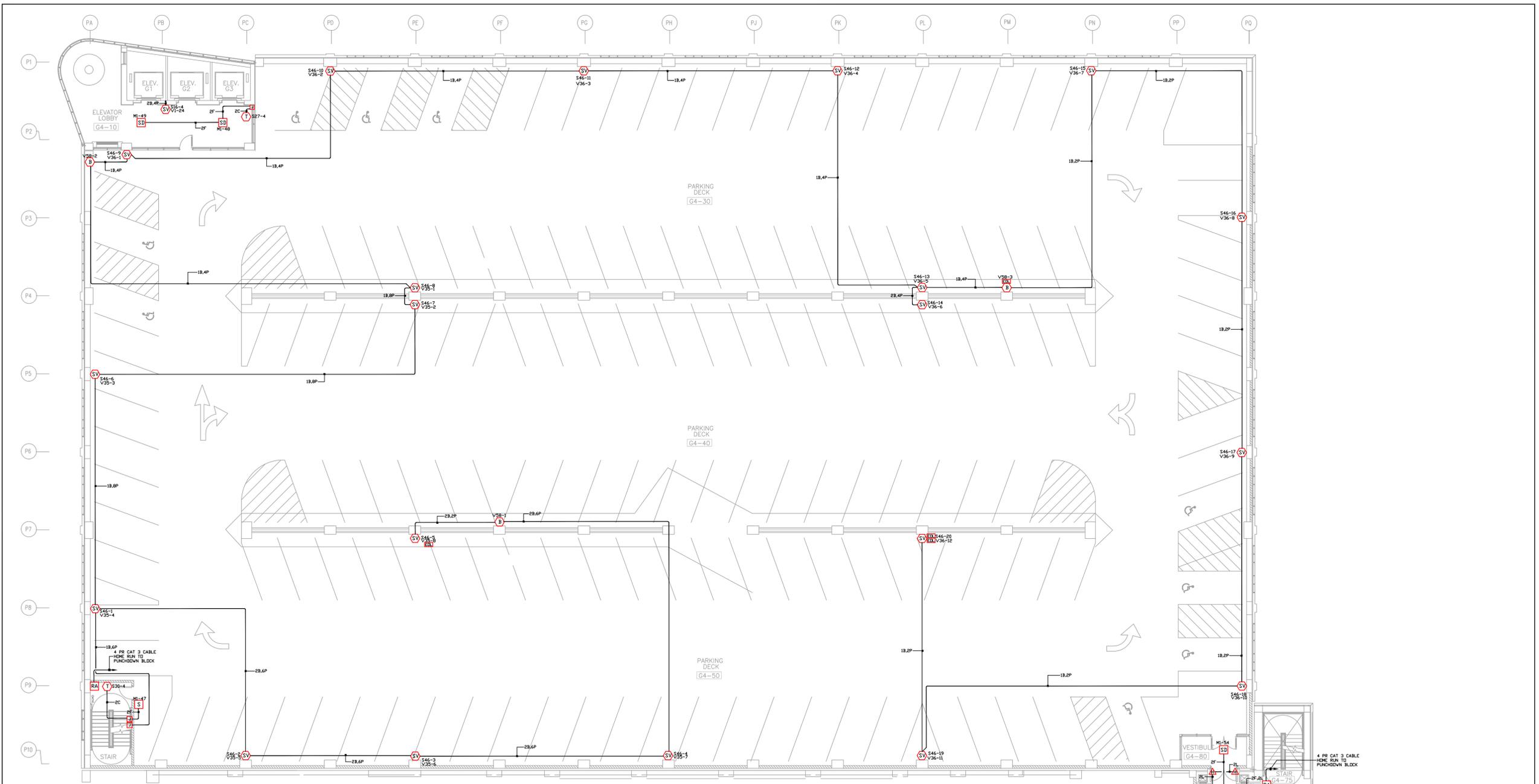
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

**NOTICE**  
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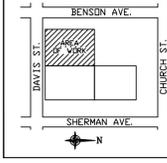
**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, TIME CONTROL, NURSE CALL, COMMUNICATIONS SYSTEMS  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DRAWN BY:	CR
DATE:	5/23/05
APPROVED:	
DATE:	
PROJECT NO.:	
DWG NO.:	3RD FLOOR
FILE NAME:	

NO.	NAME	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.	



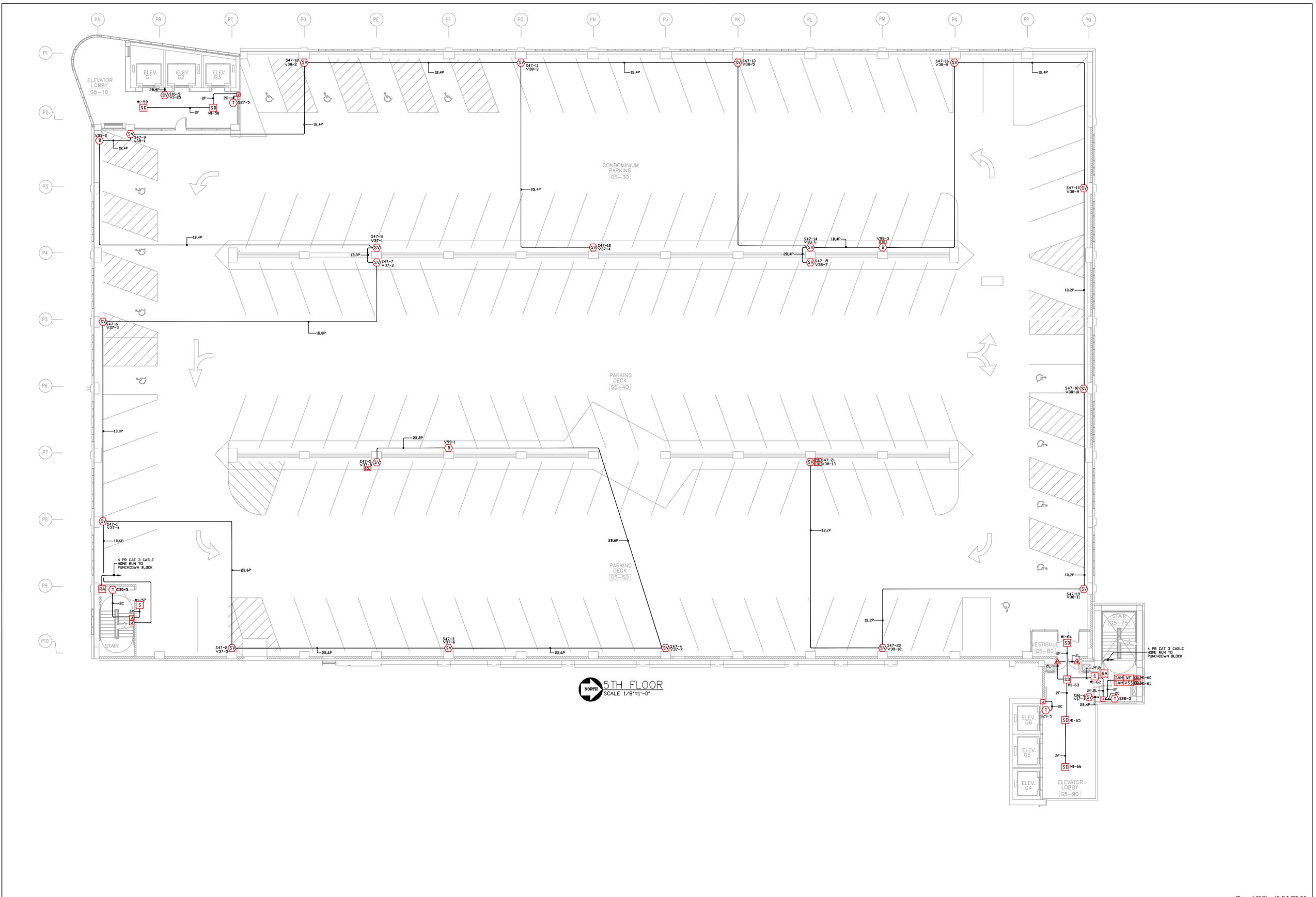
4TH FLOOR  
SCALE 1/8"=1'-0"



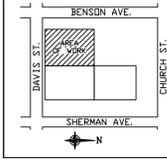
SCOPE OF WORK:  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	14GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/20DB SPEAKERS
C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/20DB TELS
D	14GA THIN SOLID WIRE (HEAT, ALARM)
E	16GA TWISTED SHIELDED PAIR COAX LINE
F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/20DB (HANDSET)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/20DB (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/20DB (SPKR RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/20DB (HANDSET)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	14GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/20DB (NETWORK INTERFACE)
P	18GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT O.S.N.  
ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (81 DB @ 10')  
70 VOLT RMS 1/2W (81 DB @ 10')  
70 VOLT RMS 1W (81 DB @ 10')  
70 VOLT RMS 2W (81 DB @ 10')  
70 VOLT RMS 4W (81 DB @ 10')  
70 VOLT RMS 8W (81 DB @ 10')  
70 VOLT RMS 16W (81 DB @ 10')  
70 VOLT RMS 32W (81 DB @ 10')  
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70 VOLT RMS 256W (81 DB @ 10')  
70 VOLT RMS 512W (81 DB @ 10')  
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70 VOLT RMS 149657767662684482880766600225620978304W (81 DB @ 10')  
70 VOLT RMS 299315535325368965761533200451241956608W (81 DB @ 10')  
70 VOLT RMS 5986310706507379315230664009024839132224W (81 DB @ 10')  
70 VOLT RMS 1197262141301475863046132801844867824448W (81 DB @ 10')  
70 VOLT RMS 239452428260295172608126560368973488896W (81 DB @ 10')  
70 VOLT RMS 4789048565205903452162531207379469777792W (81 DB @ 10')  
70 VOLT RMS 9578097130411806904325062414758939555536W (81 DB @ 10')  
70 VOLT RMS 1915619426082361380865012829517787111104W (81 DB @ 10')  
70 VOLT RMS 3831238852164722761730025659035574222208W (81 DB @ 10')  
70 VOLT RMS 7662477704329445523460051318071148444416W (81 DB @ 10')  
70 VOLT RMS 1532495540865889104692010263614296888832W (81 DB @ 10')  
70 VOLT RMS 3064991081731778209384020527228593777664W (81 DB @ 10')  
70 VOLT RMS 61299821634635564187680405544571755552W (81 DB @ 10')  
70 VOLT RMS 12259964326927112837536081088891511104W (81 DB @ 10')  
70 VOLT RMS 245199286538542256750721621778302222208W (81 DB @ 10')  
70 VOLT RMS 490398573077084513501443243556604444416W (81 DB @ 10')  
70 VOLT RMS 980797146154169027002886870113320888832W (81 DB @ 10')  
70 VOLT RMS 1961594292288338054005773740226657777664W (81 DB @ 10')  
70 VOLT RMS 39231885845766761080115474804533155552W (81 DB @ 10')  
70 VOLT RMS 78463771691533522160230949609066311104W (81 DB @ 10')  
70 VOLT RMS 1569275433830670443204618992181326222208W (81 DB @ 10')  
70 VOLT RMS 3138550867661340886409377984362652444416W (81 DB @ 10')  
70 VOLT RMS 6277101735322681772818755968725304888832W (81 DB @ 10')  
70 VOLT RMS 12554203470645363545637519374510717777664W (81 DB @ 10')  
70 VOLT RMS 251084069412907270912750387490214355552W (81 DB @ 10')  
70 VOLT RMS 502168138825814541824500774980428711104W (81 DB @ 10')  
70 VOLT RMS 1004336277651629083648001549960857222208W (81 DB @ 10')  
70 VOLT RMS 2008672555303258167296003099921714444416W (81 DB @ 10')  
70 VOLT RMS 401734511060651634559200619984342888832W (81 DB @ 10')  
70 VOLT RMS 8034690221213032691196001239686857777664W (81 DB @ 10')  
70 VOLT RMS 160693804424260638223920024793737155552W (81 DB @ 10')  
70 VOLT RMS 321387608848521276447840049587474311104W (81 DB @ 10')  
70 VOLT RMS 642775217697042552895680099174948222208W (81 DB @ 10')  
70 VOLT RMS 1285550435394085105791360198349896444416W (81 DB @ 10')  
70 VOLT RMS 2571100870788170211582720396699792888832W (81 DB @ 10')  
70 VOLT RMS 5142201741576340423165440793399585777664W (81 DB @ 10')  
70 VOLT RMS 1028440348315268084633088158679917155552W (81 DB @ 10')  
70 VOLT RMS 205688069663053616926617731739834311104W (81 DB @ 10')  
70 VOLT RMS 411376139326107233853235463479668222208W (81 DB @ 10')  
70 VOLT RMS 822752278652214467706470926959376444416W (81 DB @ 10')  
70 VOLT RMS 1645504557304428935412938539118754888832W (81 DB @ 10')  
70 VOLT RMS 329100911460885787082587707823549777664W (81 DB @ 10')  
70 VOLT RMS 65820182292177157416517541564709955552W (81 DB @ 10')  
70 VOLT RMS 131640364584354314833035083294199111104W (81 DB @ 10')  
70 VOLT RMS 26328072916870862966607016658838222208W (81 DB @ 10')  
70 VOLT RMS 52656145833741725933214033317676444416W (81 DB @ 10')  
70 VOLT RMS 105312291664835451866420666635532888832W (81 DB @ 10')  
70 VOLT RMS 210624583329670903732841333271067777664W (81 DB @ 10')  
70 VOLT RMS 4212491666593418074656826665421355552W (81 DB @ 10')  
70 VOLT RMS 8424983333186836149313753330842711104W (81 DB @ 10')  
70 VOLT RMS 168499666637736722986275066616854222208W (81 DB @ 10')  
70 VOLT RMS 336999333275473445972550133233708444416W (81 DB @ 10')  
70 VOLT RMS 673998666550946891945100266467416888832W (81 DB @ 10')  
70 VOLT RMS 134799733110189378389020053293483777664W (81 DB @ 10')  
70 VOLT RMS 26959946622037875677804010658696755552W (81 DB @ 10')  
70 VOLT RMS 53919893244075751355608021317393511104W (81 DB @ 10')  
70 VOLT RMS 107839786488151502711216042634786222208W (81 DB @ 10')  
70 VOLT RMS 21567957297630300542243208526972444416W (81 DB @ 10')  
70 VOLT RMS 431359145952606010844484016453944888832W (81 DB @ 10')  
70 VOLT RMS 86271829190521202168896803290789777664W (81 DB @ 10')  
70 VOLT RMS 1725436583810424043377936065815955552W (81 DB @ 10')  
70 VOLT RMS 3450873167620848086755831317639111104W (81 DB @ 10')  
70 VOLT RMS 6901746335241696173511662635278222208W (81 DB @ 10')  
70 VOLT RMS 13803492670483392347023325270554444416W (81 DB @ 10')  
70 VOLT RMS 27606985340966784694046650541108888832W (81 DB @ 10')  
70 VOLT RMS 5521397068193356938809330108221777664W (81 DB @ 10')  
70 VOLT RMS 1104279413638671387761866021644355552W (81 DB @ 10')  
70 VOLT RMS 2208558827277342775523732043288711104W (81 DB @ 10')  
70 VOLT RMS 44171176545546



5TH FLOOR  
SCALE 1/8"=1'-0"



SCOPE OF WORK:  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

LEGEND		WIRE SCHEDULE	
SD	SMOKE DETECTOR	SPZ	DATA GATHERING PANEL/TRANSPONDER
RA	ALARM CONTROL PANEL	SW	WATERFLOW SWITCH
RA	HEAT DETECTOR (NO BATE COMPENSATED)	SW	EMERGENCY SWITCH
RA	FIRE ALARM CONTROL PANEL	SW	INDIVIDUAL ADDRESSABLE MIBALE
RA	LINE OF LINE RESISTOR (NO, WPT, OCT, OR)	SW	HEAT/INDIVIDUAL ADDRESSABLE MIBALE
RA	TELEPHONE JACK	SW	SPRINKLER/VISUAL CONTROL UNIT
RA	SPRINKLER/VISUAL CONTROL UNIT	SW	WEATHERPROOF DEVICE
RA	FIRE ALARM ANNUNCIATOR	SW	WEATHERPROOF DEVICE
RA	300K OHM OPEN DEVICE	SW	WEATHERPROOF DEVICE
RA	AREA OF RESCUE SYSTEM	SW	WEATHERPROOF DEVICE
RA	PUNCHDOWN BLOCK FOR AREA OF RESCUE	SW	WEATHERPROOF DEVICE
RA	MASTER STATION FOR AREA OF RESCUE	SW	WEATHERPROOF DEVICE
A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)	A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPEAKER	B	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' CTEL	C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' CTEL
D	16GA THIN SOLID WIRE (ORCHETIC ALARM)	D	16GA THIN SOLID WIRE (ORCHETIC ALARM)
E	16GA TWISTED SHIELDED PAIR (COMMON LINE)	E	16GA TWISTED SHIELDED PAIR (COMMON LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (WARRANTY)	F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (WARRANTY)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (SPKR RESER)	G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (SPKR RESER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (TEL RESER)	H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (TEL RESER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (DATA)	J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)	K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOPM HELPER)	L	16GA THIN SOLID WIRE (COOPM HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (NETWORK INTERFACE)	N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (NETWORK INTERFACE)
P	16GA THIN SOLID WIRE (VISUAL)	P	16GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT U.S.N.  
ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (81 DB @ 10')  
70 VOLT RMS 1/2W (81 DB @ 10')  
70 VOLT RMS 1W (81 DB @ 10')  
70 VOLT RMS 2W (81 DB @ 10')  
70 VOLT RMS 4W (81 DB @ 10')  
70 VOLT RMS 8W (81 DB @ 10')

ALL JACKETED CABLE IS NON-POWER LIMITED TYPE  
NPLF PER NEC ARTICLE 760  
CONTACT LOCAL SIMPLEX BRANCH OFFICE  
FOR LIST OF APPROVED CABLE

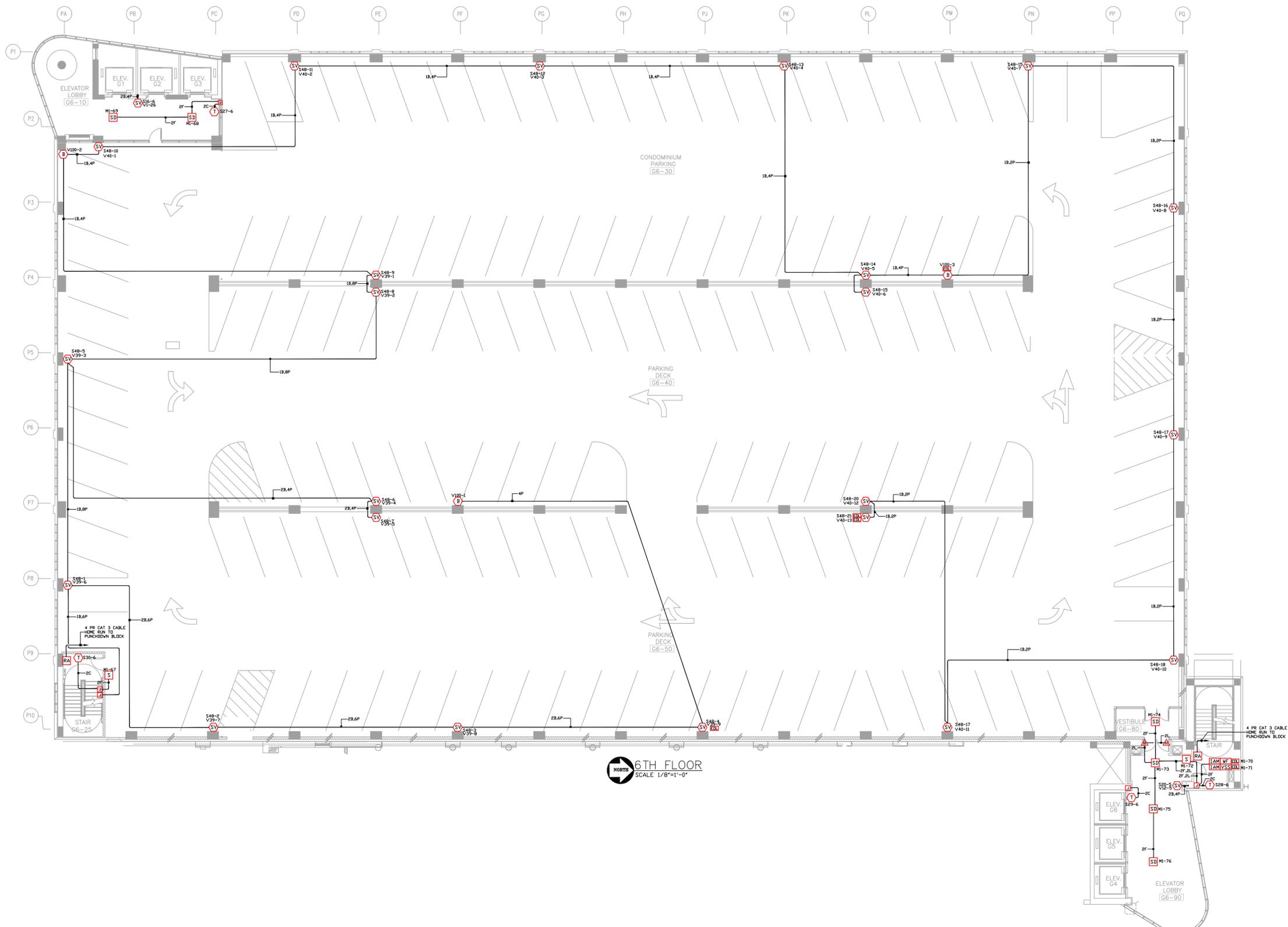
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

**NOTICE**  
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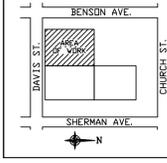
**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, CLOSED CIRCUIT VIDEO, ACCESS CONTROL, TIME CONTROL, NURSE CALL, COMMUNICATIONS SYSTEMS  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DRAWN BY:	CR
DATE:	5/23/05
PROJECT NO.:	630/948-1100
DWG NO.:	5TH FLOOR
FILE NAME:	

NO.	CR	6/15/06	AS-BLT PER E.G.
NO.	NAME	DATE	DESCRIPTION
REVISIONS			



6TH FLOOR  
SCALE 1/8"=1'-0"



SCOPE OF WORK:  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

LEGEND		WIRE SCHEDULE	
SD	SMOKE DETECTOR	SDP	DATA GATHERING PANEL/TRANSPONDER
LD	LAMP/STATION BELL	SW	WATERFLOW SWITCH
ED	HEAT DETECTOR (NO RATE COMPENSATED)	SE	EMERGENCY SWITCH
FCP	FIRE CONTROL PANEL	IS	INDIVIDUAL ADDRESSABLE SMOKE
IR	INITIAL RESPONSE	ISB	INDIVIDUAL ADDRESSABLE BELL
TS	TELEPHONE JACK	ISB	INDIVIDUAL ADDRESSABLE BELL
SP	SPEAKER/VISUAL CODE UNIT	ISB	INDIVIDUAL ADDRESSABLE BELL
FA	FIRE ALARM ANNUNCIATOR	VP	WEATHERPROOF DEVICE
SO	SMOKE HOLD OPEN DEVICE		
RA	AREA OF RESCUE SYSTEM		
MB	MANHOOD BLOCK FOR AREA OF RESCUE		
ES	EMERGENCY STATION FOR AREA OF RESCUE		
		A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
		B	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPOKERS
		C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPOKERS (TELE)
		D	16GA THIN SOLID WIRE (ORCHITE ALARM)
		E	16GA TWISTED SHIELDED PAIR (COMMON LINE)
		F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPOKERS (WARRANTY)
		G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPOKERS (RESERVE)
		H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPOKERS (RESERVE)
		J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPOKERS (DATA)
		K	16GA THIN SOLID WIRE (24 VDC POWER)
		L	16GA THIN SOLID WIRE (COOP HELLER)
		N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPOKERS (NETWORK INTERFACE)
		P	16GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT @ 1000 Hz  
ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (81 DB @ 10')  
70 VOLT RMS 1/2W (84 DB @ 10')  
70 VOLT RMS 1W (87 DB @ 10')  
70 VOLT RMS 2W (90 DB @ 10')  
70 VOLT RMS 4W (93 DB @ 10')

ALL JACKETS CABLE IS NON-POWDER LIMITED TYPE  
NPLF PER NEC ARTICLE 760  
CONTACT LOCAL SIMPLEX BRANCH OFFICE  
FOR LIST OF APPROVED CABLE

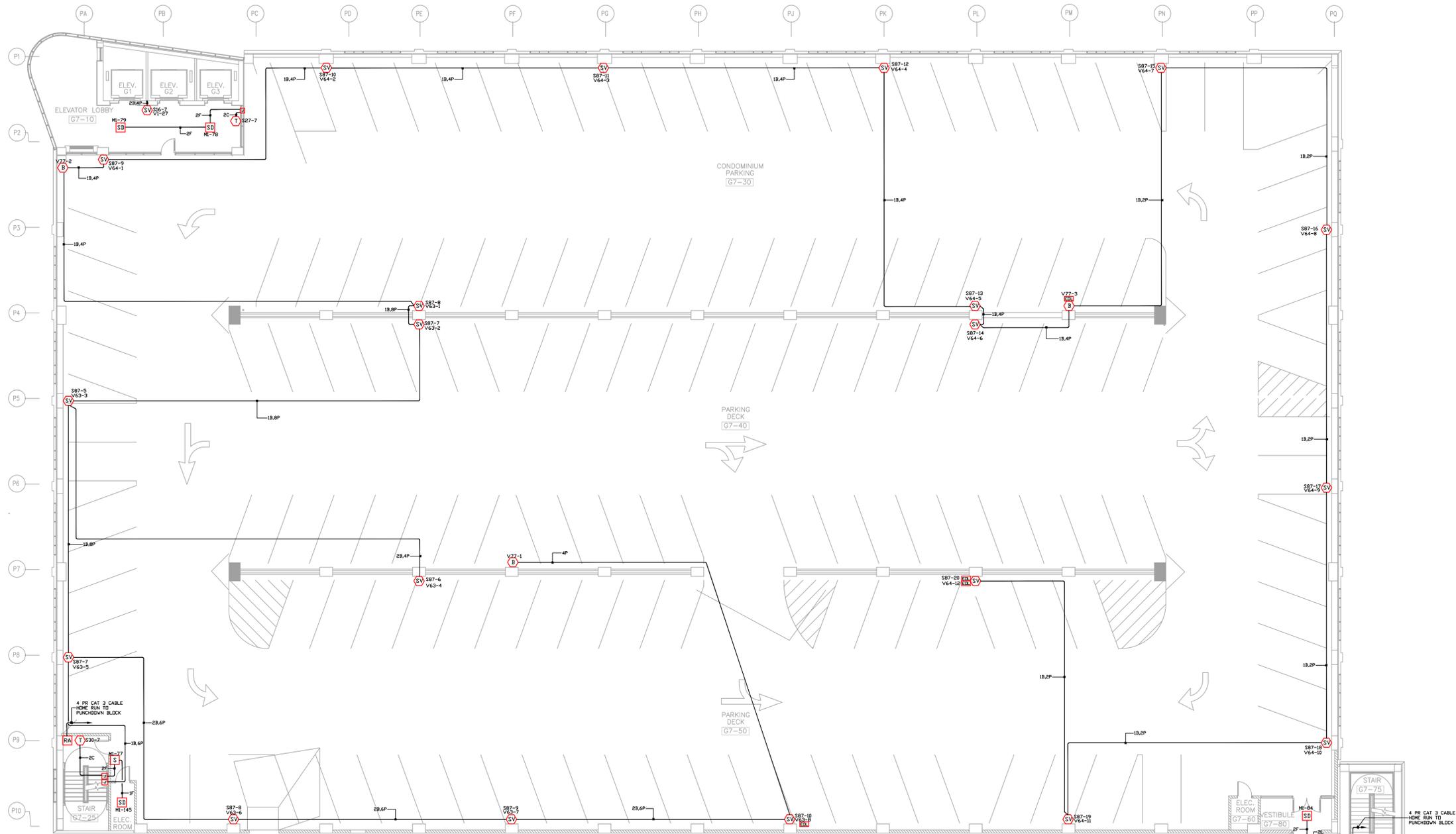
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16TH STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

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**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, CLOSED CIRCUIT VIDEO, ACCESS CONTROL, TIME CONTROL, NURSE CALL, COMMUNICATIONS SYSTEMS  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DRAWN BY:	CR
DATE:	5/23/05
APPROVED:	
DATE:	
PROJECT NO.:	
DWG NO.:	6TH FLOOR
FILE NAME:	

NO.	NAME	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.	



**7TH FLOOR**  
SCALE 1/8"=1'-0"



**SCOPE OF WORK:**  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPEAKER)
C	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (KEY)
D	16GA THIN SOLID WIRE (HEAT ALARM)
E	16GA TWISTED SHIELDED PAIR COGN LINE
F	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPEAKER)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPEAKER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPEAKER)
I	16GA THIN SOLID WIRE (24 VDC POWER)
J	16GA THIN SOLID WIRE (COOP HELPER)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
M	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPEAKER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPEAKER)
P	16GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT @ 1000 Hz  
ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (81 DB @ 10')  
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70 VOLT RMS 4W (93 DB @ 10')  
70 VOLT RMS 8W (96 DB @ 10')

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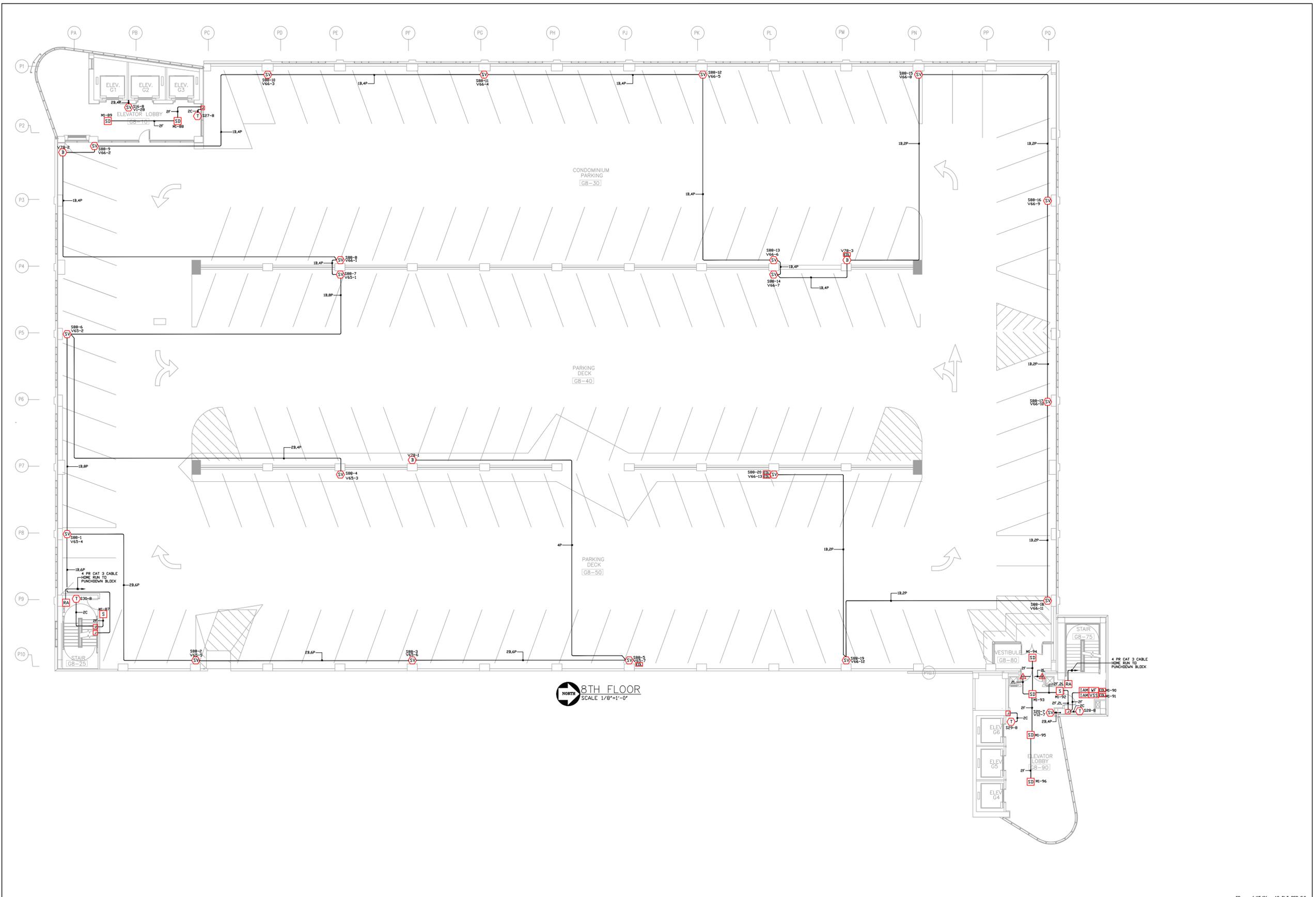
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
1801 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

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**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, CLOSED CIRCUIT VIDEO, ACCESS CONTROL, TIME CONTROL, NURSE CALL, COMMUNICATIONS SYSTEMS  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DRAWN BY:	CR
DATE:	5/23/05
PROJECT NO.:	
DWG NO.:	7TH FLOOR
FILE NAME:	

NO.	NAME	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.	



**8TH FLOOR**  
SCALE 1/8"=1'-0"



**SCOPE OF WORK:**  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' TEL
D	16GA THIN SOLID WIRE (REDITE ALARM)
E	16GA THIN SOLID WIRE (COMMON LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (HANDSET)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (TEL RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (FAX DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (NETWORK INTERFACE)
P	16GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT O.L.N.  
ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (81 DB @ 10')  
70 VOLT RMS 1/2W (84 DB @ 10')  
70 VOLT RMS 1W (87 DB @ 10')  
70 VOLT RMS 2W (90 DB @ 10')

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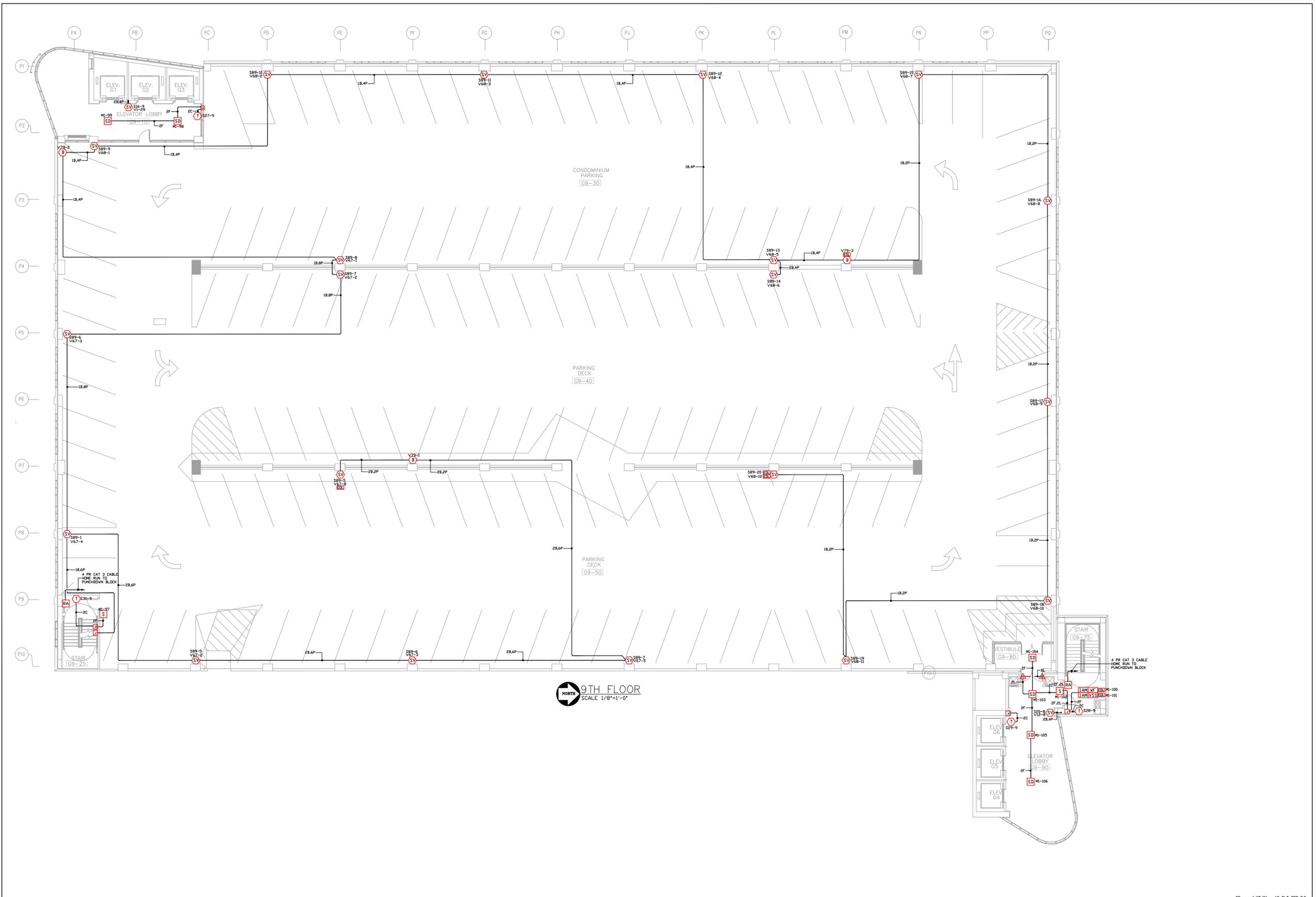
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16TH STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-2511

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FIRE DETECTION AND ALARM, SECURITY, TIME CONTROL, NURSE CALL, COMMUNICATIONS SYSTEMS  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DATE:	5/23/05
PROJECT NO.:	CR
DWG NO.:	8TH FLOOR
FILE NAME:	

NO.	NAME	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.	



**9TH FLOOR**  
SCALE 1/8"=1'-0"



**SCOPE OF WORK:**  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' TEL
D	16GA THIN SOLID WIRE (REDITE ALARM)
E	16GA THIN SOLID WIRE (COMMON LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (HANDSET)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (TEL RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DB/100' (NETWORK INTERFACE)
P	16GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT O.L.N.  
ALL WIRING SHALL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (81 DBA @ 10')  
70 VOLT RMS 1/2W (84 DBA @ 10')  
70 VOLT RMS 1W (87 DBA @ 10')  
70 VOLT RMS 2W (90 DBA @ 10')  
70 VOLT RMS 4W (93 DBA @ 10')

ALL JACKETS CABLE IS NON-POWDER LIMITED TYPE  
NPLF PER NEC ARTICLE 760  
CONTACT LOCAL SIMPLEX BRANCH OFFICE  
FOR LIST OF APPROVED CABLE

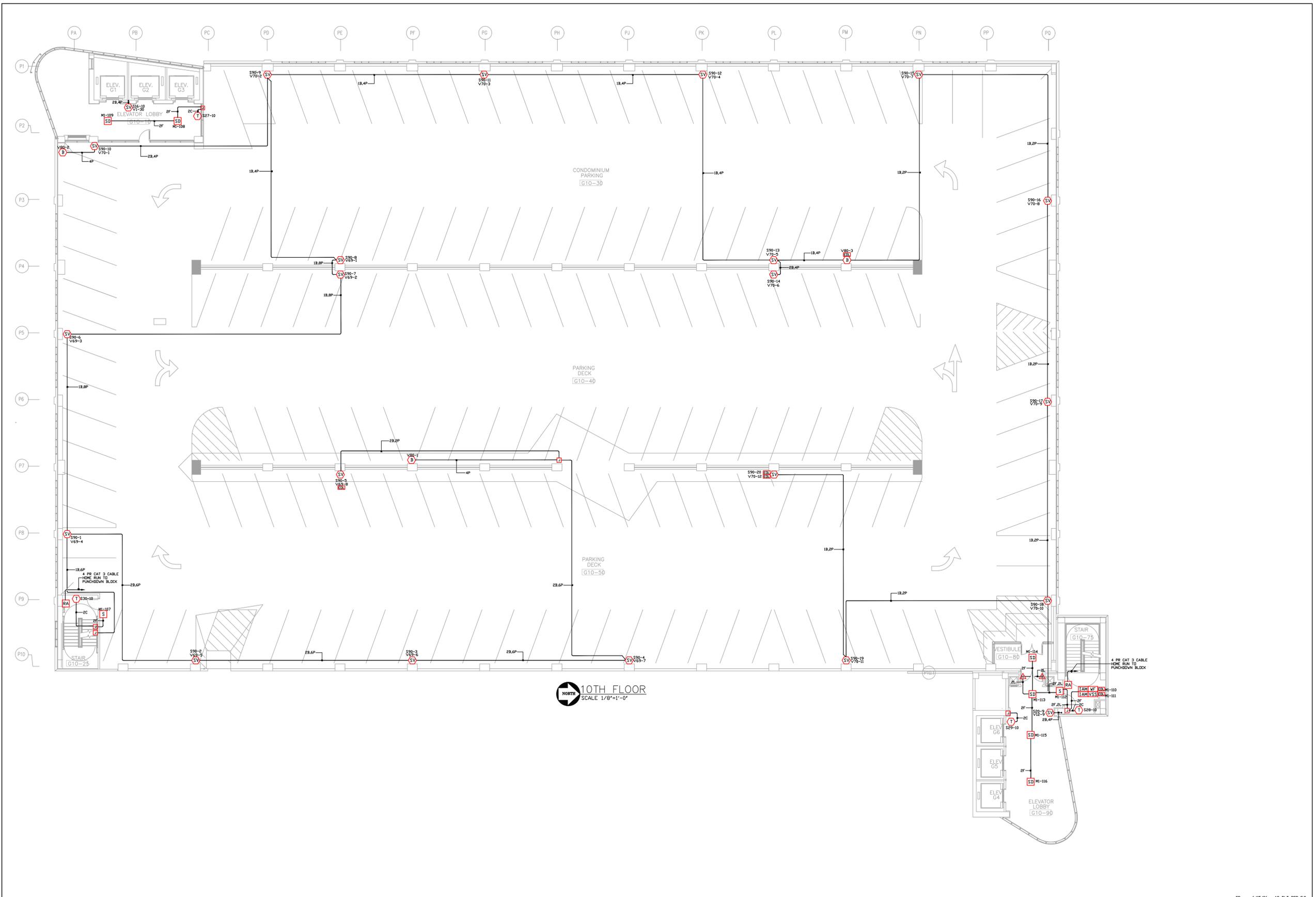
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-2511

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**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, TIME CONTROL, NURSE CALL, ACCESS CONTROL, ELEVATOR RECALL, COMMUNICATIONS SYSTEMS  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DATE:	5/23/05
PROJECT NO.:	CR
DWG NO.:	9TH FLOOR
FILE NAME:	

NO.	NAME	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.	



10TH FLOOR  
SCALE 1/8"=1'-0"



SCOPE OF WORK:  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPEAKER)
C	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (KEY)
D	16GA THIN SOLID WIRE (ORCHITE ALARM)
E	16GA THIN SOLID WIRE (SCRM LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (PHONE)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPKR RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (PHONE DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (NETWORK INTERFACE)
P	16GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT O.L.N.  
ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (81 DB @ 10')  
70 VOLT RMS 1/2W (81 DB @ 10')  
70 VOLT RMS 1W (81 DB @ 10')  
70 VOLT RMS 2W (81 DB @ 10')  
70 VOLT RMS 4W (81 DB @ 10')  
70 VOLT RMS 8W (81 DB @ 10')

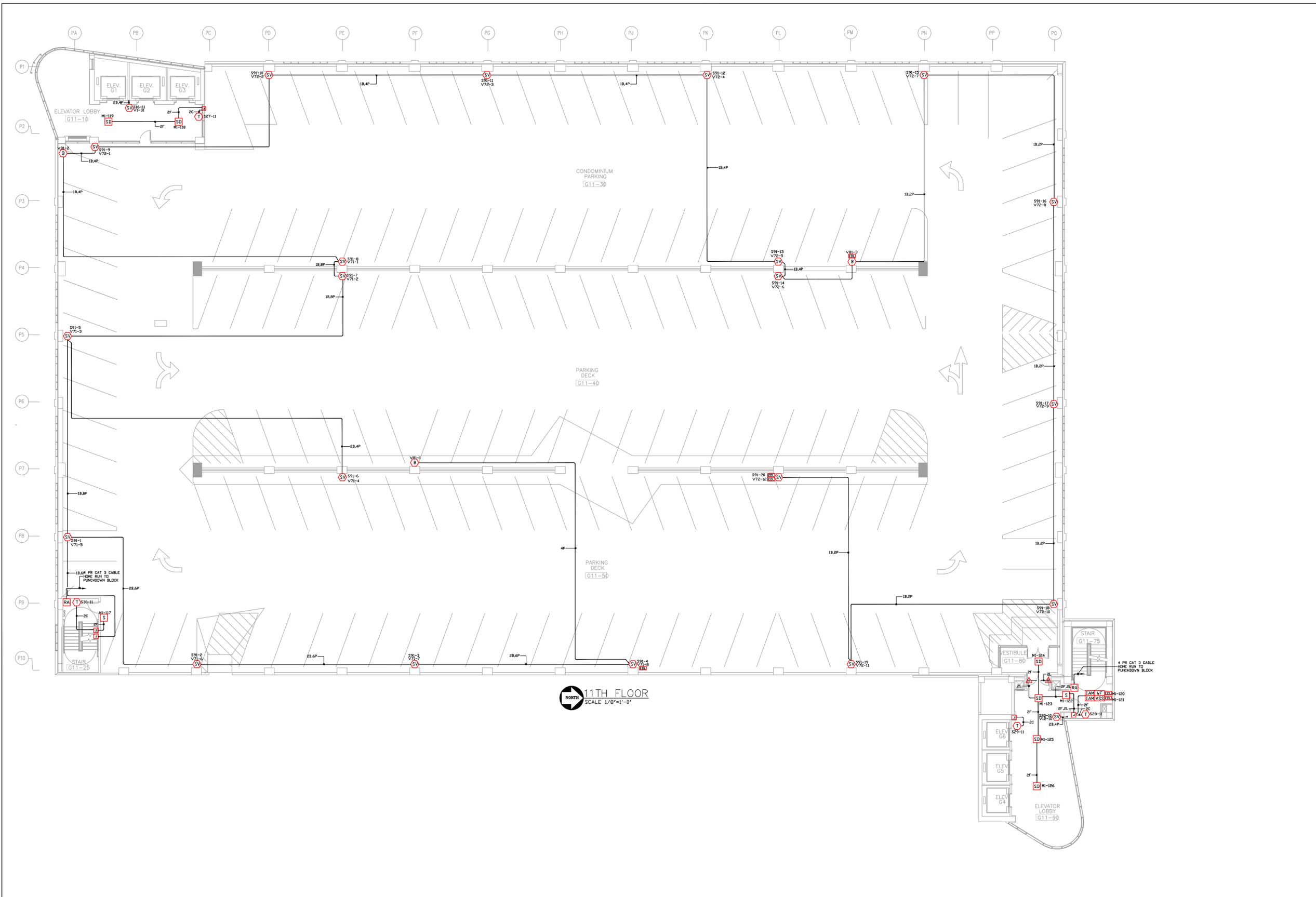
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16TH STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

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**tyco** Fire & Security **SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, TIME CONTROL, NURSE CALL, ACCESS CONTROL, ELEVATOR RECALL, COMMUNICATIONS SYSTEMS  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DATE:	5/23/05
PROJECT NO.:	CR
DWG NO.:	10TH FLOOR
FILE NAME:	

NO.	NAME	DATE	DESCRIPTION
CR	6/15/05	AS-BLT PER E.G.	



**11TH FLOOR**  
SCALE 1/8"=1'-0"



**SCOPE OF WORK:**  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC TEL
D	16GA THIN SOLID WIRE (REDITE ALARM)
E	16GA THIN SOLID WIRE (COMMON LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SMART) (SMART)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (TEL RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (FAX DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (NETWORK INTERFACE)
P	16GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT O.L.N.  
ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (81 DB @ 10')  
70 VOLT RMS 1/2W (81 DB @ 10')  
70 VOLT RMS 1W (81 DB @ 10')  
70 VOLT RMS 2W (81 DB @ 10')  
70 VOLT RMS 4W (81 DB @ 10')  
70 VOLT RMS 8W (81 DB @ 10')

ALL JACKETS CABLE IS NON-POWDER LIMITED TYPE  
NPLF PER NEC ARTICLE 760  
CONTACT LOCAL SIMPLEX BRANCH OFFICE  
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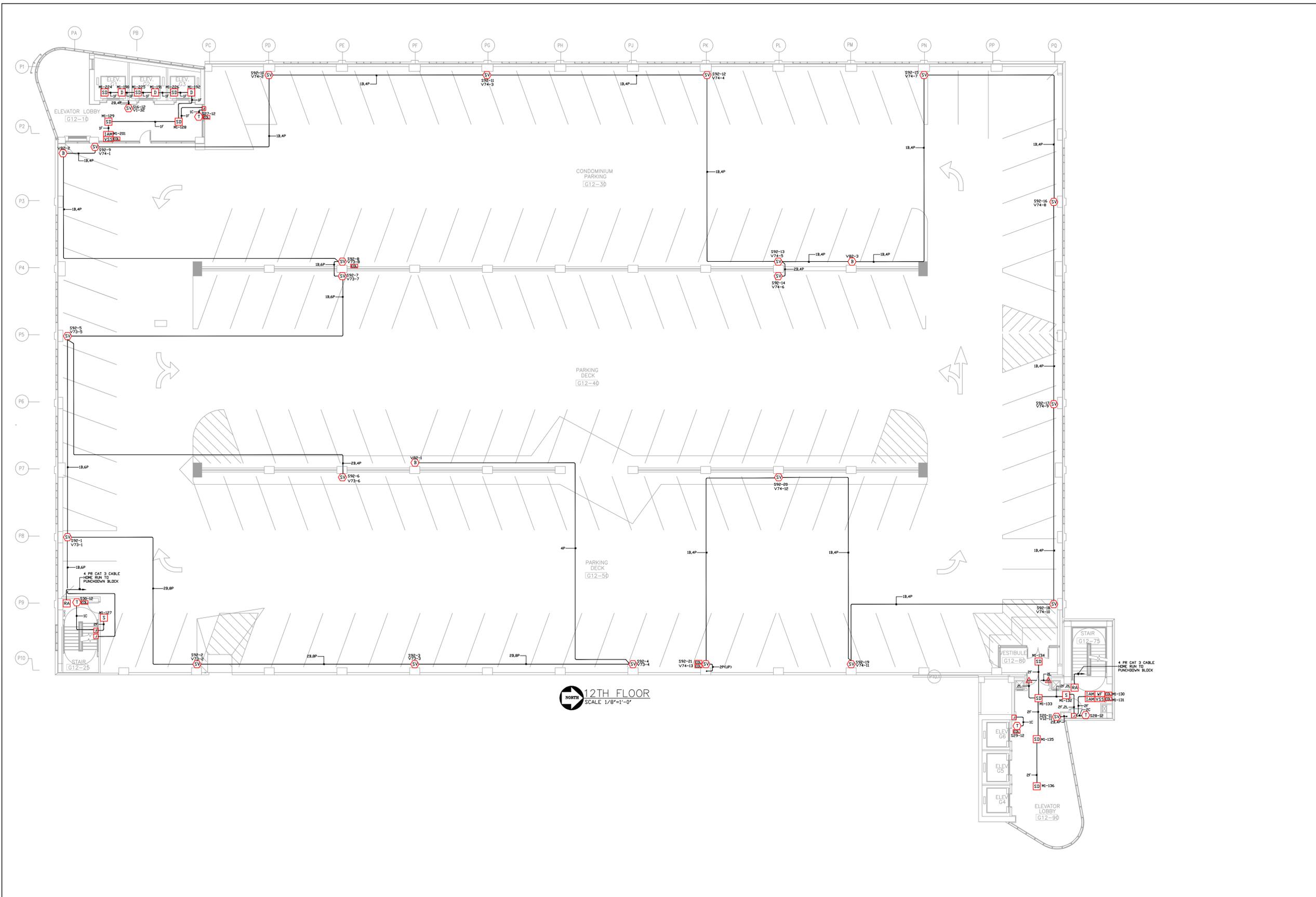
Electrical Contractor:  
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180 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

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**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, TIME CONTROL, NURSE CALL, ACCESS CONTROL, 91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

PROJECT NAME:		SHERMAN PLAZA	
		PARKING GARAGE	
		821 DAVIS ST.	
		EVANSTON, IL	
DRAWING TITLE:		LIFE SAFETY/FIRE ALARM	
DRAWN BY:	CR	DATE:	5/23/05
PROJECT NO.:		APPROVED:	
FILE NAME:		DWG NO.:	11TH FLOOR
		set 12 of 19	

NO.	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.



**12TH FLOOR**  
SCALE 1/8"=1'-0"



**SCOPE OF WORK:**  
NEW PARKING GARAGE, 13 LEVELS  
INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	14GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/100' SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/100' TEL
D	14GA THIN SOLID WIRE (REDITE ALARM)
E	16GA TWISTED SHIELDED PAIR (COMM LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/100' (HANDSET)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/100' (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/100' (TEL RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/100' (DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	14GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/100' (NETWORK INTERFACE)
P	18GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
ALL SPEAKERS WILL BE SET AT 1 WATT O.L.N.  
ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (70 DBM @ 10')  
70 VOLT RMS 1/4W (81 DBM @ 10')  
70 VOLT RMS 1/4W (84 DBM @ 10')  
70 VOLT RMS 1/4W (87 DBM @ 10')  
70 VOLT RMS 1/4W (90 DBM @ 10')

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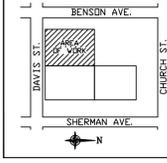
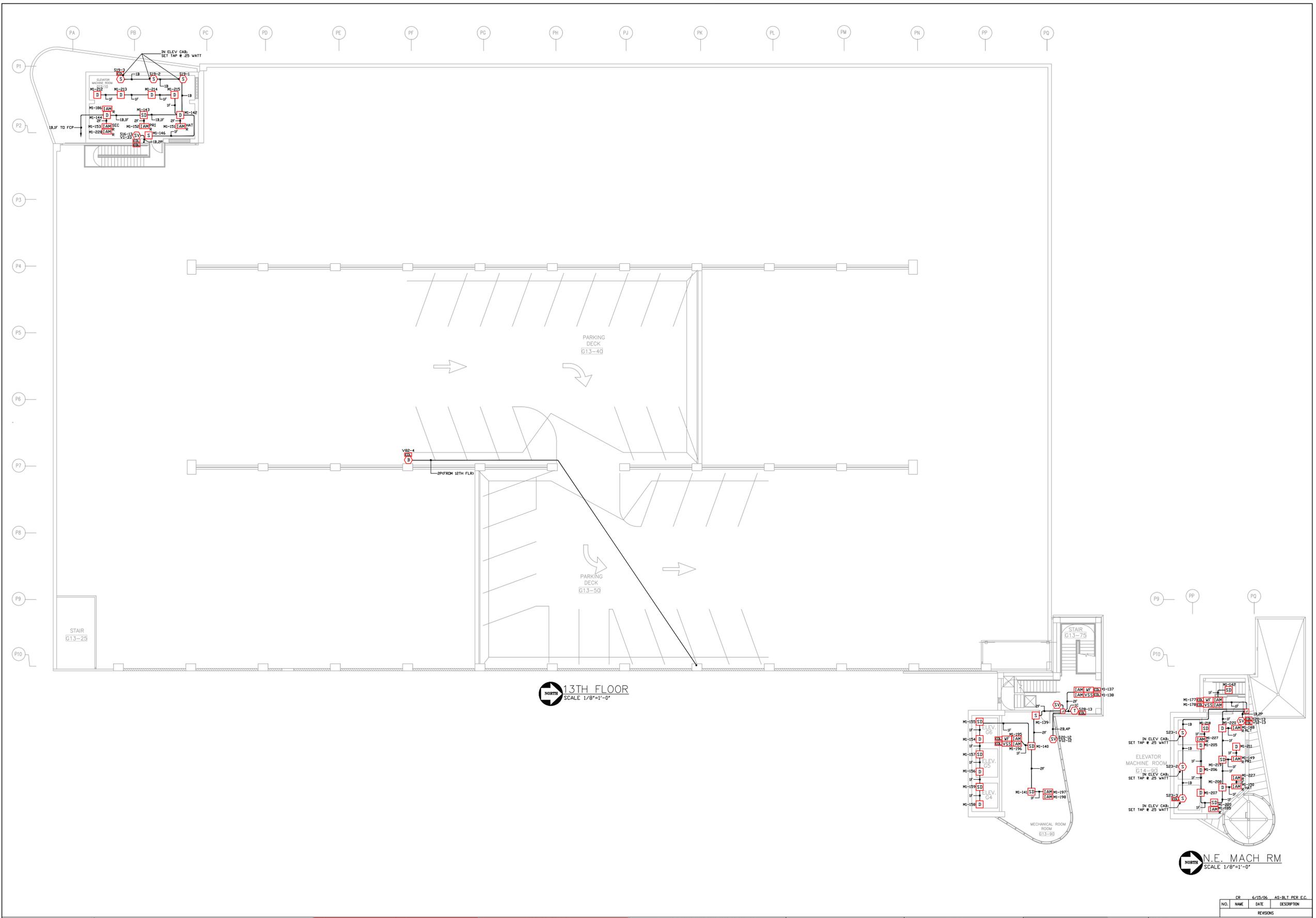
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180 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

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91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DATE:	5/23/05
PROJECT NO.:	12TH FLOOR
FILE NAME:	

NO.	NAME	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.	



**SCOPE OF WORK:**  
 NEW PARKING GARAGE, 13 LEVELS  
 INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
 BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
 ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF w/ 24VDC POWER (SPEAKER)
C	16GA TWISTED SHIELDED PAIR NPLF w/ 24VDC POWER (TEL)
D	16GA THIN SOLID WIRE (CHROME ALARM)
E	16GA TWISTED SHIELDED PAIR NPLF (COMMON LINE)
F	16GA TWISTED SHIELDED PAIR NPLF w/ 24VDC POWER (SPEAKER)
G	16GA TWISTED SHIELDED PAIR NPLF w/ 24VDC POWER (SPEAKER)
H	16GA TWISTED SHIELDED PAIR NPLF w/ 24VDC POWER (SPEAKER)
J	16GA TWISTED SHIELDED PAIR NPLF w/ 24VDC POWER (SPEAKER)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COPPER HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF w/ 24VDC POWER (SPEAKER)
P	16GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
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 70 VOLT RMS 1/4W (80 DB @ 10')  
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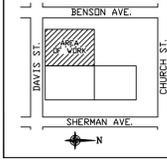
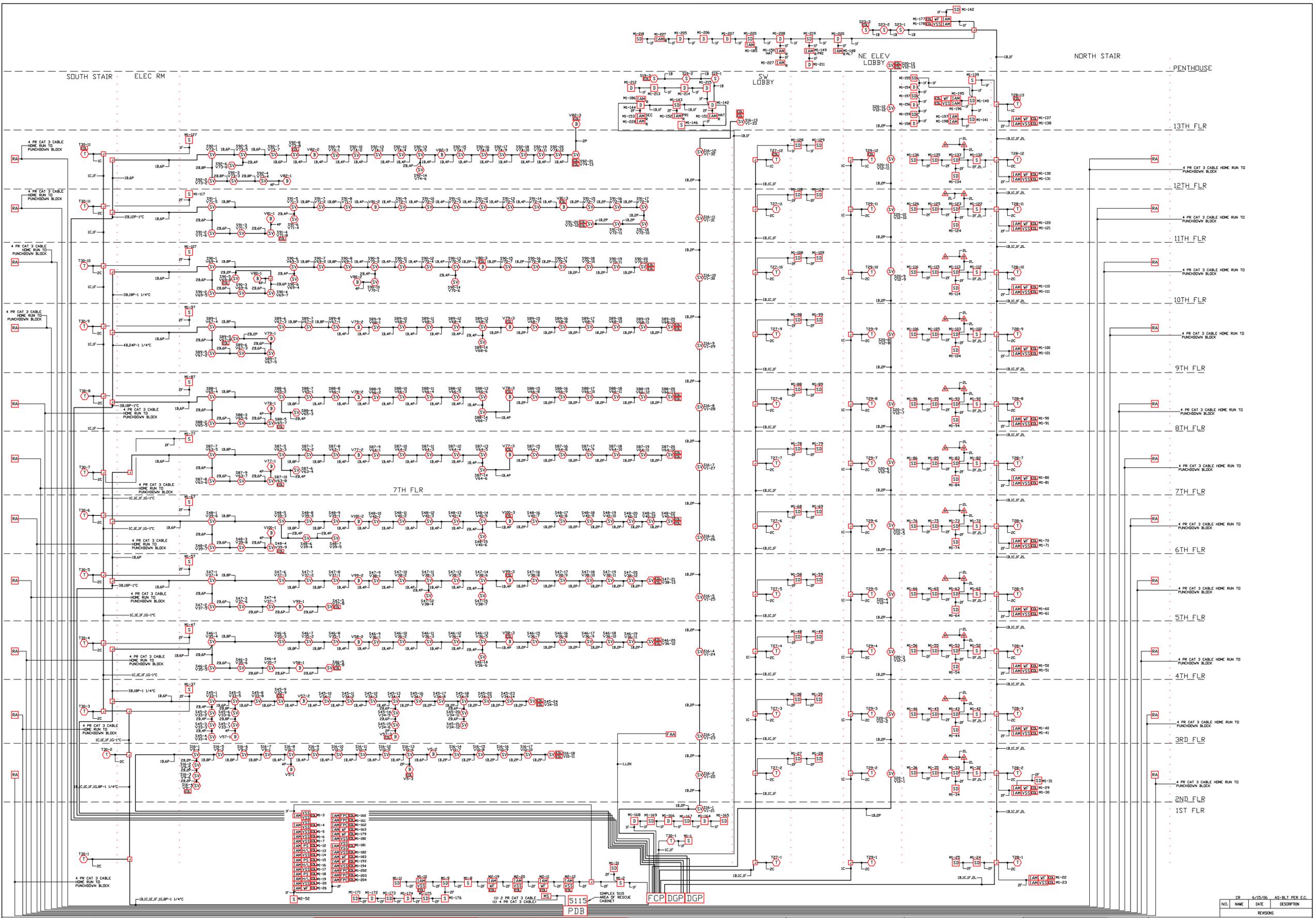
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
 180 WEST 16th STREET  
 BROADVIEW, ILLINOIS 60155 (708)-343-5511

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**tyco** Fire & Security **SimplexGrinnell**  
 FIRE DETECTION AND ALARM, SECURITY,  
 CLOSER CONTROL, VIDEO, ACCESS CONTROL,  
 TIME CONTROL, NURSE CALL, COMMUNICATIONS SYSTEMS  
 91 NORTH MITCHELL COURT  
 ADDISON, IL. 60101  
 630/948-1100

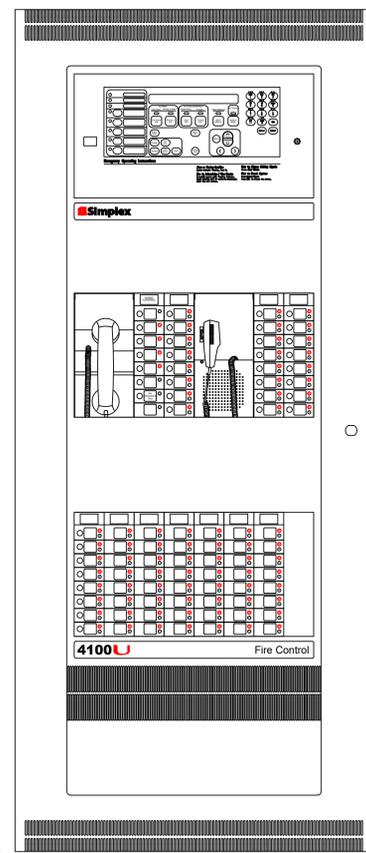
REVISIONS			
NO.	NAME	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.	

PROJECT NAME: SHERMAN PLAZA  
 PARKING GARAGE  
 821 DAVIS ST.  
 EVANSTON, IL  
 DRAWING TITLE: LIFE SAFETY/FIRE ALARM  
 DRAWN BY: CR DATE: 5/23/05 APPROVED: DATE:  
 PROJECT NO: DWG NO: 13TH FLOOR  
 FILE NAME: sheet 14 of 19



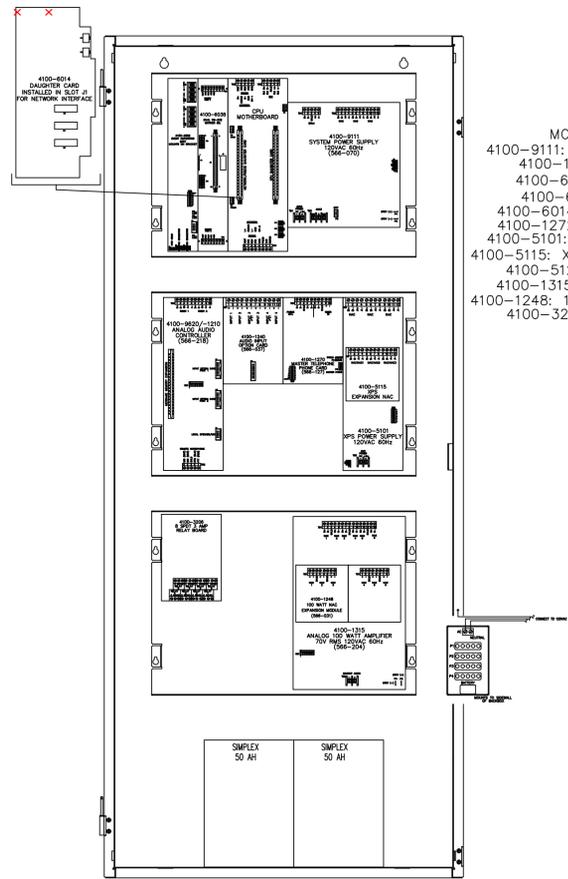
SCOPE OF WORK:  
 NEW PARKING GARAGE, 13 LEVELS  
 INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
 BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
 ELEVATOR RECALL IS INCLUDED

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[S]	SMOKE DETECTOR	[D]	DATA SYSTEMS PANEL/TWO-WAY	[A]	1/8" THIN SOLID WIRE (ZONE, SHOCK AND/OR HEAT)
[H]	HEAT DETECTOR	[E]	EMERGENCY STOP	[B]	1/8" THIN SOLID WIRE (SIGNAL)
[C]	CONTROL PANEL	[S]	SMOKE DETECTOR	[C]	1/8" THIN SOLID WIRE (SIGNAL)
[V]	VISUAL	[T]	TRIP	[D]	1/8" THIN SOLID WIRE (SIGNAL)
[A]	ALARM	[R]	RECALL	[E]	1/8" THIN SOLID WIRE (SIGNAL)
[M]	MULTI	[L]	LOCAL	[F]	1/8" THIN SOLID WIRE (SIGNAL)
[N]	NOTIFY	[P]	POWER	[G]	1/8" THIN SOLID WIRE (SIGNAL)
[O]	OTHER	[Q]	QUICK	[H]	1/8" THIN SOLID WIRE (SIGNAL)
[P]	PULL	[R]	RECALL	[I]	1/8" THIN SOLID WIRE (SIGNAL)
[Q]	QUICK	[S]	SMOKE	[J]	1/8" THIN SOLID WIRE (SIGNAL)
[R]	RECALL	[T]	TRIP	[K]	1/8" THIN SOLID WIRE (SIGNAL)
[S]	SMOKE	[V]	VISUAL	[L]	1/8" THIN SOLID WIRE (SIGNAL)
[T]	TRIP	[W]	WIRE	[M]	1/8" THIN SOLID WIRE (SIGNAL)
[V]	VISUAL	[X]	X	[N]	1/8" THIN SOLID WIRE (SIGNAL)
[W]	WIRE	[Y]	Y	[O]	1/8" THIN SOLID WIRE (SIGNAL)
[X]	X	[Z]	Z	[P]	1/8" THIN SOLID WIRE (SIGNAL)
[Y]	Y	[AA]	AA	[Q]	1/8" THIN SOLID WIRE (SIGNAL)
[Z]	Z	[AB]	AB	[R]	1/8" THIN SOLID WIRE (SIGNAL)
[AA]	AA	[AC]	AC	[S]	1/8" THIN SOLID WIRE (SIGNAL)
[AB]	AB	[AD]	AD	[T]	1/8" THIN SOLID WIRE (SIGNAL)
[AC]	AC	[AE]	AE	[U]	1/8" THIN SOLID WIRE (SIGNAL)
[AD]	AD	[AF]	AF	[V]	1/8" THIN SOLID WIRE (SIGNAL)
[AE]	AE	[AG]	AG	[W]	1/8" THIN SOLID WIRE (SIGNAL)
[AF]	AF	[AH]	AH	[X]	1/8" THIN SOLID WIRE (SIGNAL)
[AG]	AG	[AI]	AI	[Y]	1/8" THIN SOLID WIRE (SIGNAL)
[AH]	AH	[AJ]	AJ	[Z]	1/8" THIN SOLID WIRE (SIGNAL)
[AI]	AI	[AK]	AK	[AA]	1/8" THIN SOLID WIRE (SIGNAL)
[AJ]	AJ	[AL]	AL	[AB]	1/8" THIN SOLID WIRE (SIGNAL)
[AK]	AK	[AM]	AM	[AC]	1/8" THIN SOLID WIRE (SIGNAL)
[AL]	AL	[AN]	AN	[AD]	1/8" THIN SOLID WIRE (SIGNAL)
[AM]	AM	[AO]	AO	[AE]	1/8" THIN SOLID WIRE (SIGNAL)
[AN]	AN	[AP]	AP	[AF]	1/8" THIN SOLID WIRE (SIGNAL)
[AO]	AO	[AQ]	AQ	[AG]	1/8" THIN SOLID WIRE (SIGNAL)
[AP]	AP	[AR]	AR	[AH]	1/8" THIN SOLID WIRE (SIGNAL)
[AQ]	AQ	[AS]	AS	[AI]	1/8" THIN SOLID WIRE (SIGNAL)
[AR]	AR	[AT]	AT	[AJ]	1/8" THIN SOLID WIRE (SIGNAL)
[AS]	AS	[AU]	AU	[AK]	1/8" THIN SOLID WIRE (SIGNAL)
[AT]	AT	[AV]	AV	[AL]	1/8" THIN SOLID WIRE (SIGNAL)
[AU]	AU	[AW]	AW	[AM]	1/8" THIN SOLID WIRE (SIGNAL)
[AV]	AV	[AX]	AX	[AN]	1/8" THIN SOLID WIRE (SIGNAL)
[AW]	AW	[AY]	AY	[AO]	1/8" THIN SOLID WIRE (SIGNAL)
[AX]	AX	[AZ]	AZ	[AP]	1/8" THIN SOLID WIRE (SIGNAL)
[AY]	AY	[BA]	BA	[AQ]	1/8" THIN SOLID WIRE (SIGNAL)
[AZ]	AZ	[BB]	BB	[AR]	1/8" THIN SOLID WIRE (SIGNAL)
[BA]	BA	[BC]	BC	[AS]	1/8" THIN SOLID WIRE (SIGNAL)
[BB]	BB	[BD]	BD	[AT]	1/8" THIN SOLID WIRE (SIGNAL)
[BC]	BC	[BE]	BE	[AU]	1/8" THIN SOLID WIRE (SIGNAL)
[BD]	BD	[BF]	BF	[AV]	1/8" THIN SOLID WIRE (SIGNAL)
[BE]	BE	[BG]	BG	[AW]	1/8" THIN SOLID WIRE (SIGNAL)
[BF]	BF	[BH]	BH	[AX]	1/8" THIN SOLID WIRE (SIGNAL)
[BG]	BG	[BI]	BI	[AY]	1/8" THIN SOLID WIRE (SIGNAL)
[BH]	BH	[BJ]	BJ	[AZ]	1/8" THIN SOLID WIRE (SIGNAL)
[BI]	BI	[BK]	BK	[BA]	1/8" THIN SOLID WIRE (SIGNAL)
[BJ]	BJ	[BL]	BL	[BB]	1/8" THIN SOLID WIRE (SIGNAL)
[BK]	BK	[BM]	BM	[BC]	1/8" THIN SOLID WIRE (SIGNAL)
[BL]	BL	[BN]	BN	[BD]	1/8" THIN SOLID WIRE (SIGNAL)
[BM]	BM	[BO]	BO	[BE]	1/8" THIN SOLID WIRE (SIGNAL)
[BN]	BN	[BP]	BP	[BF]	1/8" THIN SOLID WIRE (SIGNAL)
[BO]	BO	[BQ]	BQ	[BG]	1/8" THIN SOLID WIRE (SIGNAL)
[BP]	BP	[BR]	BR	[BH]	1/8" THIN SOLID WIRE (SIGNAL)
[BQ]	BQ	[BS]	BS	[BI]	1/8" THIN SOLID WIRE (SIGNAL)
[BR]	BR	[BT]	BT	[BJ]	1/8" THIN SOLID WIRE (SIGNAL)
[BS]	BS	[BU]	BU	[BK]	1/8" THIN SOLID WIRE (SIGNAL)
[BT]	BT	[BV]	BV	[BL]	1/8" THIN SOLID WIRE (SIGNAL)
[BU]	BU	[BW]	BW	[BM]	1/8" THIN SOLID WIRE (SIGNAL)
[BV]	BV	[BX]	BX	[BN]	1/8" THIN SOLID WIRE (SIGNAL)
[BW]	BW	[BY]	BY	[BO]	1/8" THIN SOLID WIRE (SIGNAL)
[BX]	BX	[BZ]	BZ	[BP]	1/8" THIN SOLID WIRE (SIGNAL)
[BY]	BY	[CA]	CA	[BQ]	1/8" THIN SOLID WIRE (SIGNAL)
[BZ]	BZ	[CB]	CB	[BR]	1/8" THIN SOLID WIRE (SIGNAL)
[CA]	CA	[CC]	CC	[BS]	1/8" THIN SOLID WIRE (SIGNAL)
[CB]	CB	[CD]	CD	[BT]	1/8" THIN SOLID WIRE (SIGNAL)
[CC]	CC	[CE]	CE	[BU]	1/8" THIN SOLID WIRE (SIGNAL)
[CD]	CD	[CF]	CF	[BV]	1/8" THIN SOLID WIRE (SIGNAL)
[CE]	CE	[CG]	CG	[BW]	1/8" THIN SOLID WIRE (SIGNAL)
[CF]	CF	[CH]	CH	[BX]	1/8" THIN SOLID WIRE (SIGNAL)
[CG]	CG	[CI]	CI	[BY]	1/8" THIN SOLID WIRE (SIGNAL)
[CH]	CH	[CJ]	CJ	[BZ]	1/8" THIN SOLID WIRE (SIGNAL)
[CI]	CI	[CK]	CK	[CA]	1/8" THIN SOLID WIRE (SIGNAL)
[CJ]	CJ	[CL]	CL	[CB]	1/8" THIN SOLID WIRE (SIGNAL)
[CK]	CK	[CM]	CM	[CC]	1/8" THIN SOLID WIRE (SIGNAL)
[CL]	CL	[CN]	CN	[CD]	1/8" THIN SOLID WIRE (SIGNAL)
[CM]	CM	[CO]	CO	[CE]	1/8" THIN SOLID WIRE (SIGNAL)
[CN]	CN	[CP]	CP	[CF]	1/8" THIN SOLID WIRE (SIGNAL)
[CO]	CO	[CQ]	CQ	[CG]	1/8" THIN SOLID WIRE (SIGNAL)
[CP]	CP	[CR]	CR	[CH]	1/8" THIN SOLID WIRE (SIGNAL)
[CQ]	CQ	[CS]	CS	[CI]	1/8" THIN SOLID WIRE (SIGNAL)
[CR]	CR	[CT]	CT	[CJ]	1/8" THIN SOLID WIRE (SIGNAL)
[CS]	CS	[CU]	CU	[CK]	1/8" THIN SOLID WIRE (SIGNAL)
[CT]	CT	[CV]	CV	[CL]	1/8" THIN SOLID WIRE (SIGNAL)
[CU]	CU	[CW]	CW	[CM]	1/8" THIN SOLID WIRE (SIGNAL)
[CV]	CV	[CX]	CX	[CN]	1/8" THIN SOLID WIRE (SIGNAL)
[CW]	CW	[CY]	CY	[CO]	1/8" THIN SOLID WIRE (SIGNAL)
[CX]	CX	[CZ]	CZ	[CP]	1/8" THIN SOLID WIRE (SIGNAL)
[CY]	CY	[DA]	DA	[CQ]	1/8" THIN SOLID WIRE (SIGNAL)
[CZ]	CZ	[DB]	DB	[CR]	1/8" THIN SOLID WIRE (SIGNAL)
[DA]	DA	[DC]	DC	[CS]	1/8" THIN SOLID WIRE (SIGNAL)
[DB]	DB	[DD]	DD	[CT]	1/8" THIN SOLID WIRE (SIGNAL)
[DC]	DC	[DE]	DE	[CU]	1/8" THIN SOLID WIRE (SIGNAL)
[DD]	DD	[DF]	DF	[CV]	1/8" THIN SOLID WIRE (SIGNAL)
[DE]	DE	[DG]	DG	[CW]	1/8" THIN SOLID WIRE (SIGNAL)
[DF]	DF	[DH]	DH	[CX]	1/8" THIN SOLID WIRE (SIGNAL)
[DG]	DG	[DI]	DI	[CY]	1/8" THIN SOLID WIRE (SIGNAL)
[DH]	DH	[DJ]	DJ	[CZ]	1/8" THIN SOLID WIRE (SIGNAL)
[DI]	DI	[DK]	DK	[DA]	1/8" THIN SOLID WIRE (SIGNAL)
[DJ]	DJ	[DL]	DL	[DB]	1/8" THIN SOLID WIRE (SIGNAL)
[DK]	DK	[DM]	DM	[DC]	1/8" THIN SOLID WIRE (SIGNAL)
[DL]	DL	[DN]	DN	[DD]	1/8" THIN SOLID WIRE (SIGNAL)
[DM]	DM	[DO]	DO	[DE]	1/8" THIN SOLID WIRE (SIGNAL)
[DN]	DN	[DP]	DP	[DF]	1/8" THIN SOLID WIRE (SIGNAL)
[DO]	DO	[DQ]	DQ	[DG]	1/8" THIN SOLID WIRE (SIGNAL)
[DP]	DP	[DR]	DR	[DH]	1/8" THIN SOLID WIRE (SIGNAL)
[DQ]	DQ	[DS]	DS	[DI]	1/8" THIN SOLID WIRE (SIGNAL)
[DR]	DR	[DT]	DT	[DJ]	1/8" THIN SOLID WIRE (SIGNAL)
[DS]	DS	[DU]	DU	[DK]	1/8" THIN SOLID WIRE (SIGNAL)
[DT]	DT	[DV]	DV	[DL]	1/8" THIN SOLID WIRE (SIGNAL)
[DU]	DU	[DW]	DW	[DM]	1/8" THIN SOLID WIRE (SIGNAL)
[DV]	DV	[DX]	DX	[DN]	1/8" THIN SOLID WIRE (SIGNAL)
[DW]	DW	[DY]	DY	[DO]	1/8" THIN SOLID WIRE (SIGNAL)
[DX]	DX	[DZ]	DZ	[DP]	1/8" THIN SOLID WIRE (SIGNAL)
[DY]	DY	[EA]	EA	[DQ]	1/8" THIN SOLID WIRE (SIGNAL)
[DZ]	DZ	[EB]	EB	[DR]	1/8" THIN SOLID WIRE (SIGNAL)
[EA]	EA	[EC]	EC	[DS]	1/8" THIN SOLID WIRE (SIGNAL)
[EB]	EB	[ED]	ED	[DT]	1/8" THIN SOLID WIRE (SIGNAL)
[EC]	EC	[EE]	EE	[DU]	1/8" THIN SOLID WIRE (SIGNAL)
[ED]	ED	[EF]	EF	[DV]	1/8" THIN SOLID WIRE (SIGNAL)
[EE]	EE	[EG]	EG	[DW]	1/8" THIN SOLID WIRE (SIGNAL)
[EF]	EF	[EH]	EH	[DX]	1/8" THIN SOLID WIRE (SIGNAL)
[EG]	EG	[EI]	EI	[DY]	1/8" THIN SOLID WIRE (SIGNAL)
[EH]	EH	[EJ]	EJ	[DZ]	1/8" THIN SOLID WIRE (SIGNAL)
[EI]	EI	[EK]	EK	[EA]	1/8" THIN SOLID WIRE (SIGNAL)
[EJ]	EJ	[EL]	EL	[EB]	1/8" THIN SOLID WIRE (SIGNAL)
[EK]	EK	[EM]	EM	[EC]	1/8" THIN SOLID WIRE (SIGNAL)
[EL]	EL	[EN]	EN	[ED]	1/8" THIN SOLID WIRE (SIGNAL)
[EM]	EM	[EO]	EO	[EE]	1/8" THIN SOLID WIRE (SIGNAL)
[EN]	EN	[EP]	EP	[EF]	1/8" THIN SOLID WIRE (SIGNAL)
[EO]	EO	[EQ]	EQ	[EG]	1/8" THIN SOLID WIRE (SIGNAL)
[EP]	EP	[ER]	ER	[EH]	1/8" THIN SOLID WIRE (SIGNAL)
[EQ]	EQ	[ES]	ES	[EI]	1/8" THIN SOLID WIRE (SIGNAL)
[ER]	ER	[ET]	ET	[EJ]	1/8" THIN SOLID WIRE (SIGNAL)
[ES]	ES	[EU]	EU	[EK]	1/8" THIN SOLID WIRE (SIGNAL)
[ET]	ET	[EV]	EV	[EL]	1/8" THIN SOLID WIRE (SIGNAL)
[EU]	EU	[EW]	EW	[EM]	1/8" THIN SOLID WIRE (SIGNAL)
[EV]	EV	[EX]	EX	[EN]	1/8" THIN SOLID WIRE (SIGNAL)
[EW]	EW	[EY]	EY	[EO]	1/8" THIN SOLID WIRE (SIGNAL)
[EX]	EX	[EZ]	EZ	[EP]	1/8" THIN SOLID WIRE (SIGNAL)
[EY]	EY	[FA]	FA	[EQ]	1/8" THIN SOLID WIRE (SIGNAL)
[EZ]	EZ	[FB]	FB	[ER]	1/8" THIN SOLID WIRE (SIGNAL)
[FA]	FA	[FC]	FC	[ES]	1/8" THIN SOLID WIRE (SIGNAL)
[FB]	FB	[FD]	FD	[ET]	1/8" THIN SOLID WIRE (SIGNAL)
[FC]	FC	[FE]	FE	[EU]	1/8" THIN SOLID WIRE (SIGNAL)
[FD]	FD	[FF]	FF	[EV]	1/8" THIN SOLID WIRE (SIGNAL)
[FE]	FE	[FG]	FG	[EW]	1/8" THIN SOLID WIRE (SIGNAL)
[FF]	FF	[FH]	FH	[EX]	1/8" THIN SOLID WIRE (SIGNAL)
[FG]	FG	[FI]	FI	[EY]	1/8" THIN SOLID WIRE (SIGNAL)
[FH]	FH	[FJ]	FJ	[EZ]	1/8" THIN SOLID WIRE (SIGNAL)
[FI]	FI	[FK]	FK	[FA]	1/8" THIN SOLID WIRE (SIGNAL)
[FJ]	FJ	[FL]	FL	[FB]	1/8" THIN SOLID WIRE (SIGNAL)
[FK]	FK	[FM]	FM	[FC]	1/8" THIN SOLID WIRE (SIGNAL)
[FL]	FL	[FN]	FN	[FD]	1/8" THIN SOLID WIRE (SIGNAL)
[FM]	FM	[FO]	FO	[FE]	1/8" THIN SOLID WIRE (SIGNAL)
[FN]	FN	[FP]	FP	[FF]	1/8" THIN SOLID WIRE (SIGNAL)
[FO]	FO	[FQ]	FQ	[FG]	1/8" THIN SOLID WIRE (SIGNAL)
[FP]	FP	[FR]	FR	[FH]	1/8" THIN SOLID WIRE (SIGNAL)
[FQ]	FQ	[FS]	FS	[FI]	1/8" THIN SOLID WIRE (SIGNAL)
[FR]	FR	[FT]	FT	[FJ]	1/8" THIN SOLID WIRE (SIGNAL)
[FS]	FS	[FU]	FU	[FK]	1/8" THIN SOLID WIRE (SIGNAL)
[FT]	FT	[FV]	FV	[FL]	1/8" THIN SOLID WIRE (SIGNAL)
[FU]	FU	[FW]	FW	[FM]	1/8" THIN SOLID WIRE (SIGNAL)
[FV]	FV	[FX]	FX	[FN]	1/8" THIN SOLID WIRE (SIGNAL)
[FW]	FW	[FY]	FY	[FO]	1/8" THIN SOLID WIRE (SIGNAL)
[FX]	FX	[FZ]	FZ	[FP]	1/8" THIN SOLID WIRE (SIGNAL)
[FY]	FY	[GA]	GA	[FQ]	1/8" THIN SOLID WIRE (SIGNAL)
[FZ]	FZ	[GB]	GB	[FR]	1/8" THIN SOLID WIRE (SIGNAL)
[GA]	GA	[GC]	GC	[FS]	1/8" THIN SOLID WIRE (SIGNAL)
[GB]	GB	[GD]	GD	[FT]	1/8" THIN SOLID WIRE (SIGNAL)
[GC]	GC	[GE]	GE	[FU]	1/8" THIN SOLID WIRE (SIGNAL)
[GD]	GD	[GF]	GF	[FV]	1/8" THIN SOLID WIRE (SIGNAL)
[GE]	GE	[GG]	GG	[FW]	1/8" THIN SOLID WIRE (SIGNAL)
[GF]	GF	[GH]	GH	[FX]	1/8" THIN SOLID WIRE (SIGNAL)
[GG]	GG	[GI]	GI	[FY]	1/8" THIN SOLID WIRE (SIGNAL)
[GH]	GH	[GJ]	GJ	[FZ]	1/8" THIN SOLID WIRE (SIGNAL)
[GI]	GI	[GK]	GK	[GA]	1/8" THIN SOLID WIRE (SIGNAL)
[GJ]	GJ	[GL]	GL	[GB]	1/8" THIN SOLID WIRE (SIGNAL)
[GK]	GK	[GM]	GM	[GC]	1/8" THIN SOLID WIRE (SIGNAL)
[GL]	GL	[GN]	GN	[GD]	1/8" THIN SOLID WIRE (SIGNAL)
[GM]	GM	[GO]	GO	[GE]	1/8" THIN SOLID WIRE (SIGNAL)
[GN]	GN	[GP]	GP	[GF]	1/8" THIN SOLID WIRE (SIGNAL)
[GO]	GO	[GQ]	GQ	[GG]	1/8" THIN SOLID WIRE (SIGNAL)
[GP]	GP	[GR]	GR	[GH]	1/8" THIN SOLID WIRE (SIGNAL)
[GQ]	GQ	[GS]	GS	[GI]	1/8" THIN SOLID WIRE (SIGNAL)
[GR]	GR	[GT]	GT	[GJ]	1/8" THIN SOLID WIRE (SIGNAL)
[GS]	GS	[GU]	GU	[GK]	1/8" THIN SOLID WIRE (SIGNAL)
[GT]	GT	[GV]	GV	[GL]	1/8" THIN SOLID WIRE (SIGNAL)
[GU]	GU	[GW			

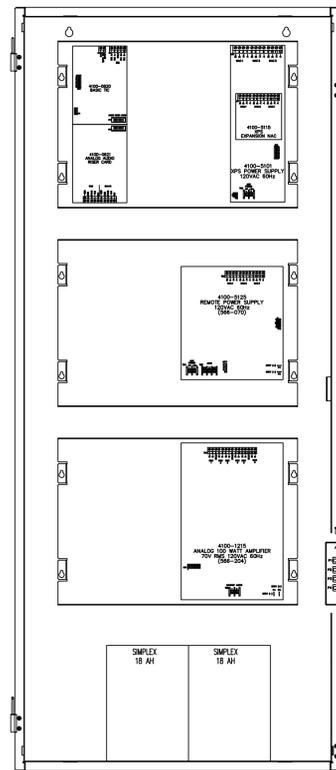


MODULE DESCRIPTION (QTY)  
 MASTER TELEPHONE (1)  
 MICROPHONE ENCLOSURE (1)  
 4100-LCD (1)  
 4100-1252: AUDIO IF MODULE, SINGLE CHANNEL (1)  
 4100-1282: 8 SWITCH/16 RED-YELLOW LOD MODULE (4)  
 4100-1279: BLANK (1)

FIRE ALARM CONTROL PANEL

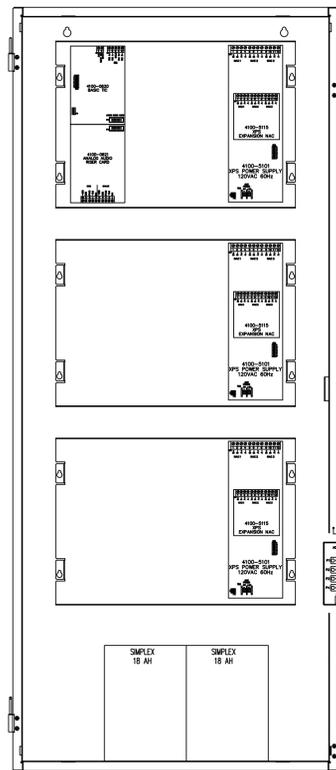


MODULE DESCRIPTION (QTY)  
 4100-9111: CPU/MASTER POWER SUPPLY (1)  
 4100-1210: BASIC AUDIO W/MIC (1)  
 4100-6052: EVENT REPORTING DACT  
 4100-6038: DUAL RS232 CARD (1)  
 4100-6014: NETWORK INTERFACE CARD(1)  
 4100-1272: EXP. PHONE CONTROLLER (6)  
 4100-5101: EXP POWER SUPPLY, 3 NACS (1)  
 4100-5115: XPS EXPANSION MODLUE, 3 NACS (1)  
 4100-5125: REMOTE POWER SUPPLY (1)  
 4100-1315: 100 WATT AMP 6 NACS (1)  
 4100-1248: 100 WATT AMP NAC EXPANDER(10)  
 4100-3206: 8 POINT AUX RELAY (1)



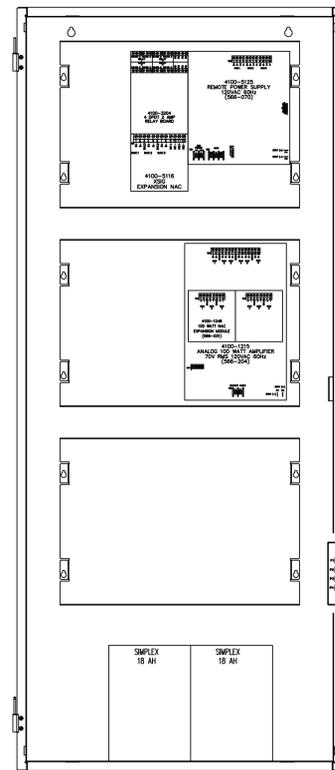
MODULE DESCRIPTION (QTY)  
 4100-9600: BASIC TRANSPONDER (1)  
 4100-0621: AUDIO RISER MODULE (1)  
 4100-5115: XPS NAC EXPANDER (1)  
 4100-5125: REMOTE POWER SUPPLY, 3 NAC (1)  
 4100-5101: EXPANSION POWER SUPPLY, 3 NAC (1)  
 4100-1315: 100 WATT AMP 6 NACS (1)

TRANSPONDER #1



MODULE DESCRIPTION (QTY)  
 4100-9600: BASIC TRANSPONDER (1)  
 4100-0621: AUDIO RISER MODULE (1)  
 4100-5115: XPS NAC EXPANDER (1)  
 4100-5125: REMOTE POWER SUPPLY, 3 NAC (1)  
 4100-5101: EXPANSION POWER SUPPLY, 3 NAC (1)  
 4100-1315: 100 WATT AMP 6 NACS (1)

TRANSPONDER #2



MODULE DESCRIPTION (QTY)  
 4100-5125: REMOTE POWER SUPPLY, 3 NAC (1)  
 4100-1315: 100 WATT AMP 6 NACS (1)  
 4100-1248: 100 WATT AMP NAC EXPANDER(10)  
 4100-5116: XSIG CARD, 3 NACS (1)  
 4100-3204: 4 POINT AUX RELAY(1)

TRANSPONDER #3



SCOPE OF WORK:  
 NEW PARKING GARAGE, 13 LEVELS  
 INSTALLATION OF NEW ADDRESSABLE, STYLE 7, FIRE ALARM SYSTEM.  
 BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.  
 ELEVATOR RECALL IS INCLUDED

WIRE SCHEDULE	
A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 200VDC (SPEAKER)
C	16GA TWISTED SHIELDED PAIR NPLF W/ 200VDC (TEL)
D	16GA THIN SOLID WIRE (GENERIC ALARM)
E	16GA TWISTED SHIELDED PAIR (COMM LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 200VDC (HANDSET)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 200VDC (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 200VDC (SPKR RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 200VDC (HAND DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 200VDC (NETWORK INTERFACE)
P	16GA THIN SOLID WIRE (VISUAL)

ALL CONDUCTORS MUST TEST FREE OF GROUNDS  
 ALL CONDUIT 3/4" UNLESS OTHERWISE NOTED  
 ALL SPEAKERS WILL BE SET AT 1 WATT U.S.N.  
 ALL SPEAKERS WILL BE SET AS FOLLOWS:  
 70 VOLT RMS 1/4W (81 DB @ 10')  
 70 VOLT RMS 1/4W (81 DB @ 10')

Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
 180 WEST 16th STREET  
 BROADVIEW, ILLINOIS 60155 (708)-343-5511

NOTICE  
 THESE FIRE ALARM DRAWINGS WERE PREPARED BY  
 SIMPLEXGRINELL AND REFLECT  
 THE DESIGN AND DEVICE LOCATIONS AS SHOWN  
 ON THE ORIGINAL BID DRAWINGS THAT WERE  
 DESIGNED BY THE PROJECT ARCHITECT AND/OR ENGINEER.  
 ALL FIRE ALARM SYSTEM DESIGN AND ENGINEERING  
 AS IT RELATES TO THE NATIONAL AND LOCAL FIRE CODES  
 HAS BEEN DONE BY OTHERS AND NOT SIMPLEXGRINELL

**tyco** Fire & Security **SimplexGrinnell**  
 FIRE DETECTION AND ALARM, SECURITY,  
 CLOSED CIRCUIT VIDEO, ACCESS CONTROL,  
 TIME CONTROL, NURSE CALL, COMMUNICATIONS SYSTEMS  
 91 NORTH MITCHELL COURT  
 ADDISON, IL. 60101  
 630/948-1100

PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DRAWN BY:	CR
DATE:	5/23/05
APPROVED:	
DATE:	
PROJECT NO.:	
FILE NAME:	CONTROL PANEL/ TRANSPONDERS

NO.	NAME	DATE	DESCRIPTION
CR	6/15/06	AS-BLT PER E.G.	