



**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.

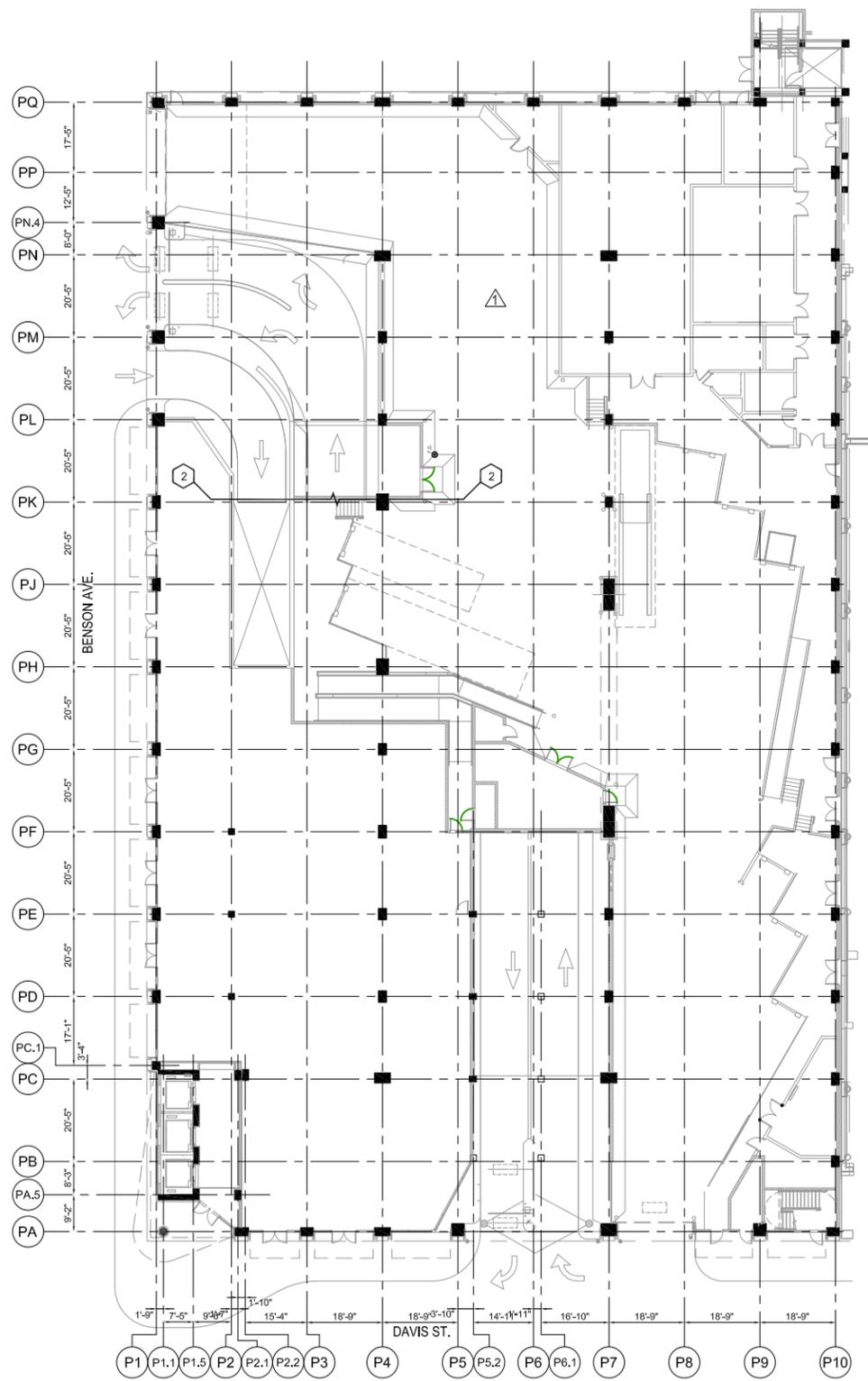
### **LANDSCAPING**

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.

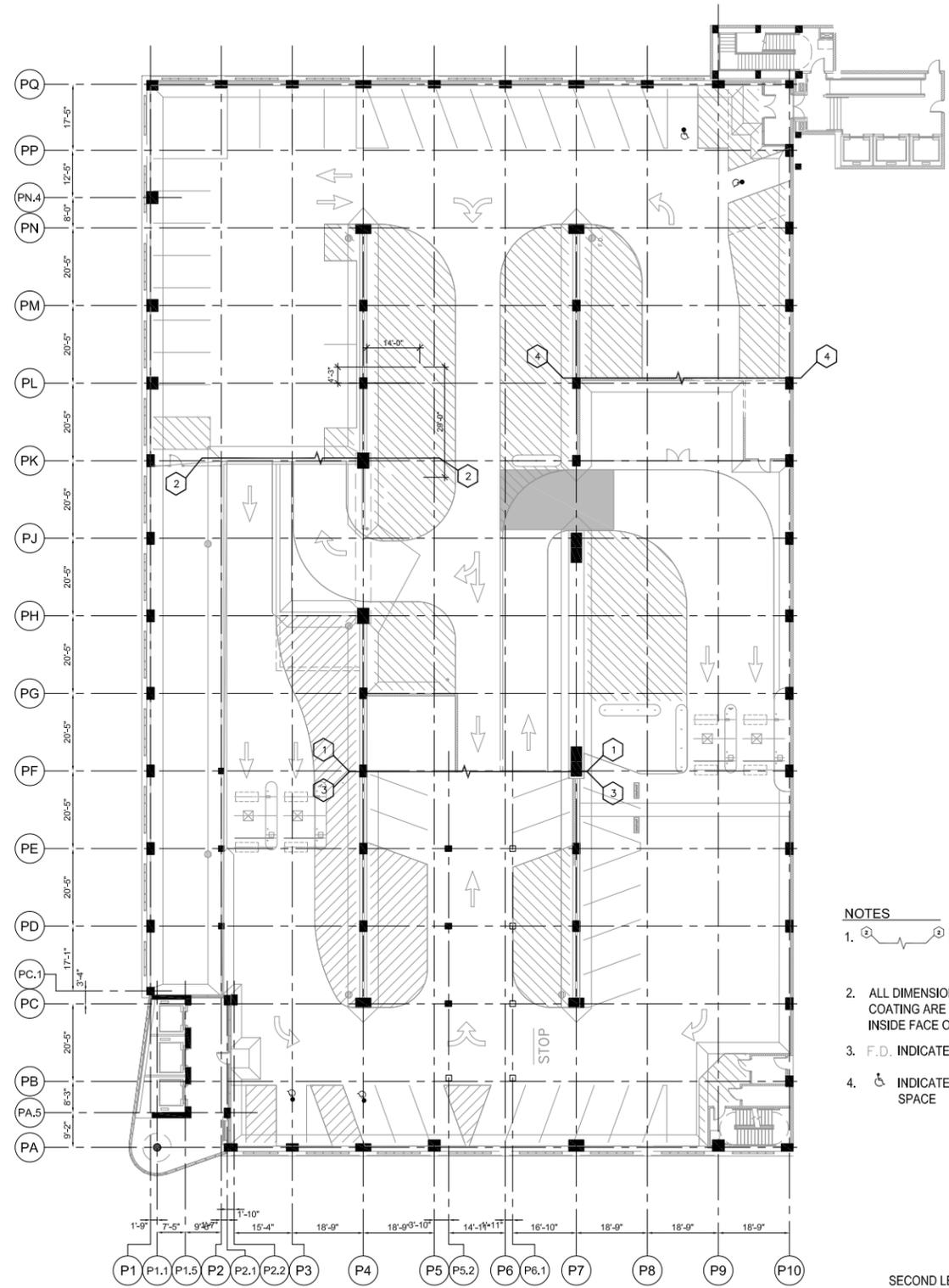
### **MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II**

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"

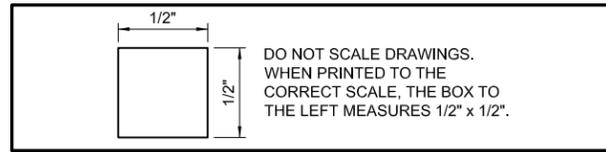


SECOND LEVEL PLAN  
SCALE: 1" = 40'-0"

- NOTES**
- ① 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



1  
A111



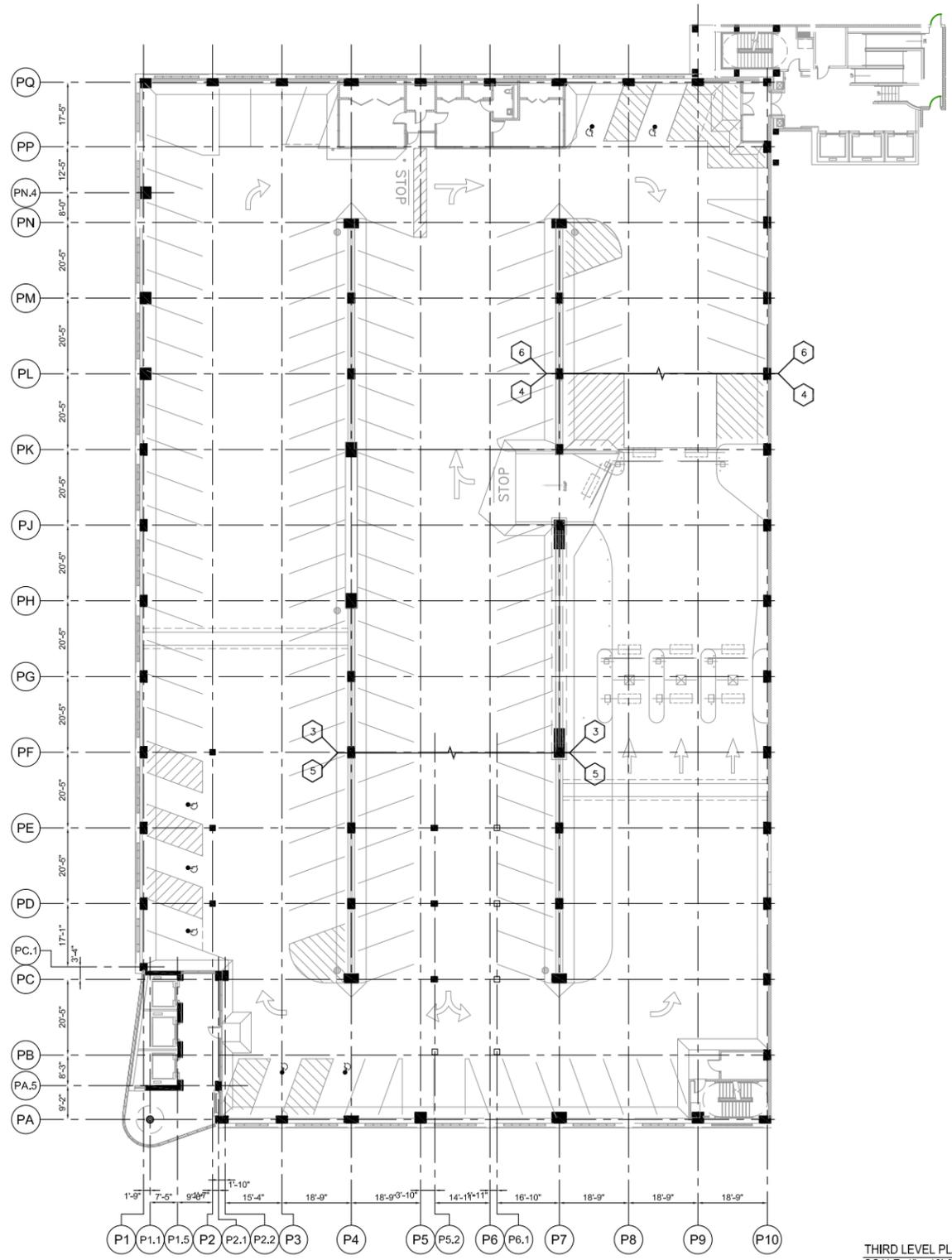
**CITY OF EVANSTON**  
Public Works Agency  
2100 Ridge Avenue  
Evanston, Illinois 60201

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

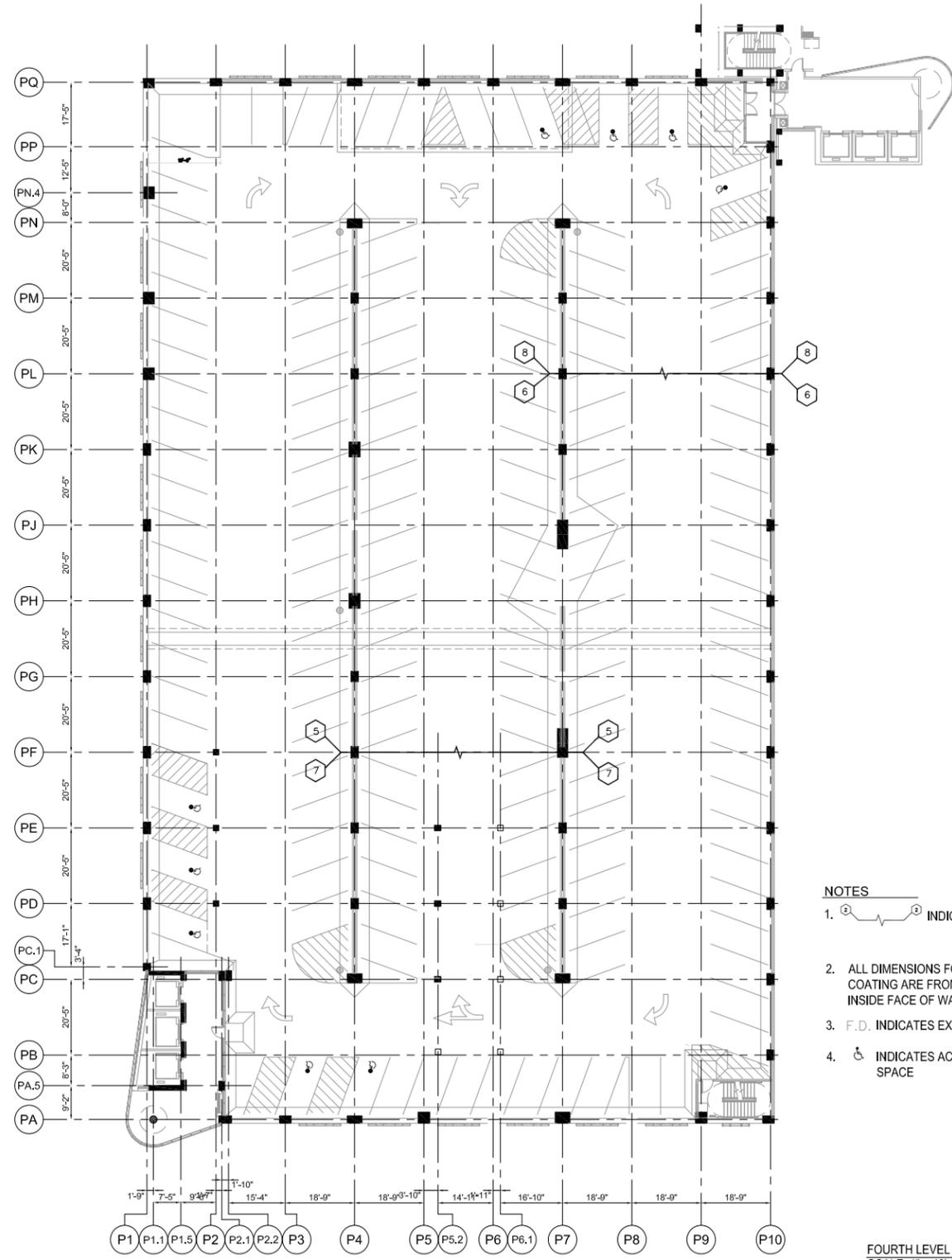
DATE	REVISIONS

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

SHEET NO.	A111
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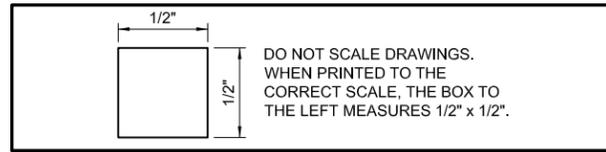


THIRD LEVEL PLAN  
SCALE: 1" = 40'-0"



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



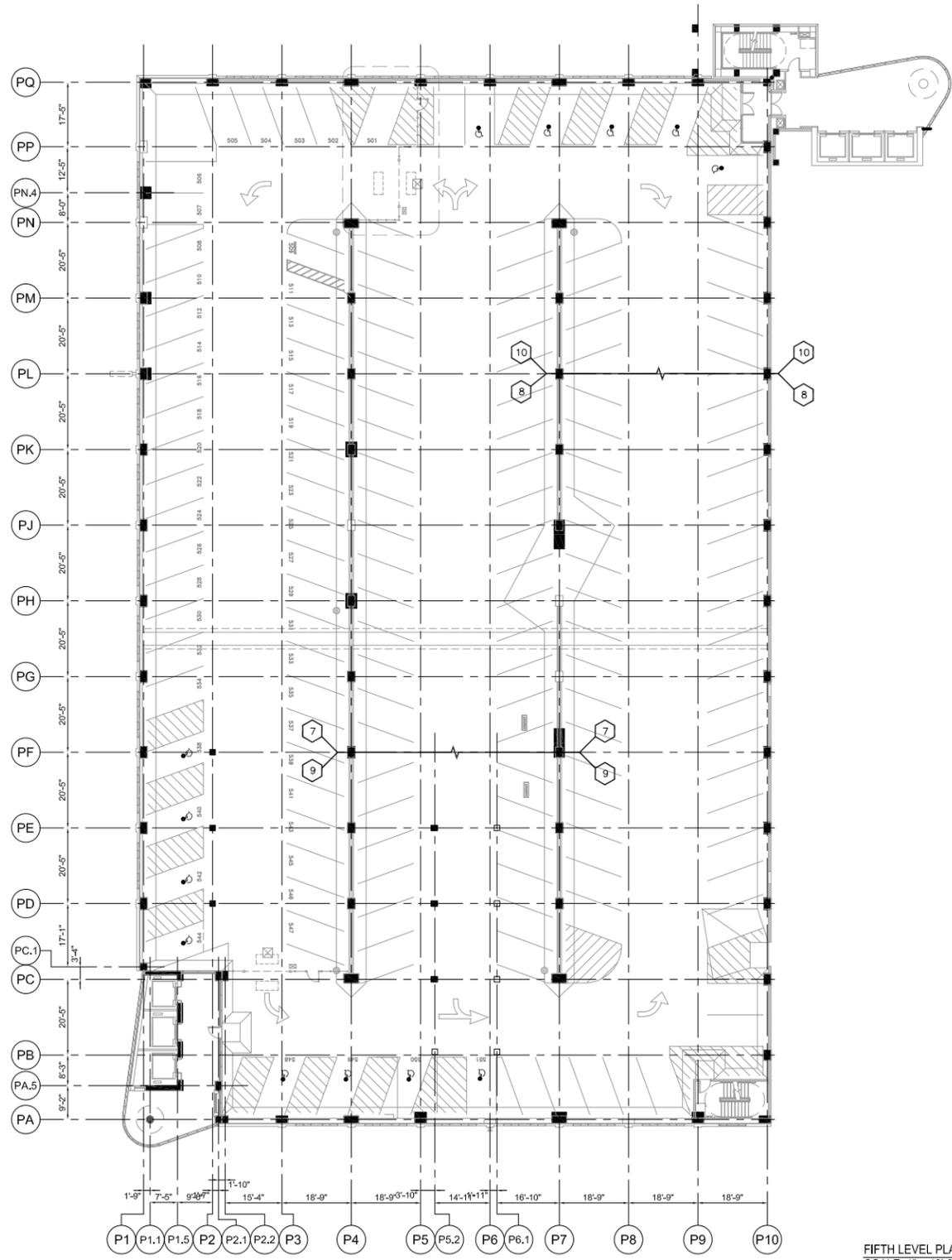
**CITY OF EVANSTON**  
Public Works Agency  
2100 Ridge Avenue  
Evanston, Illinois 60201

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

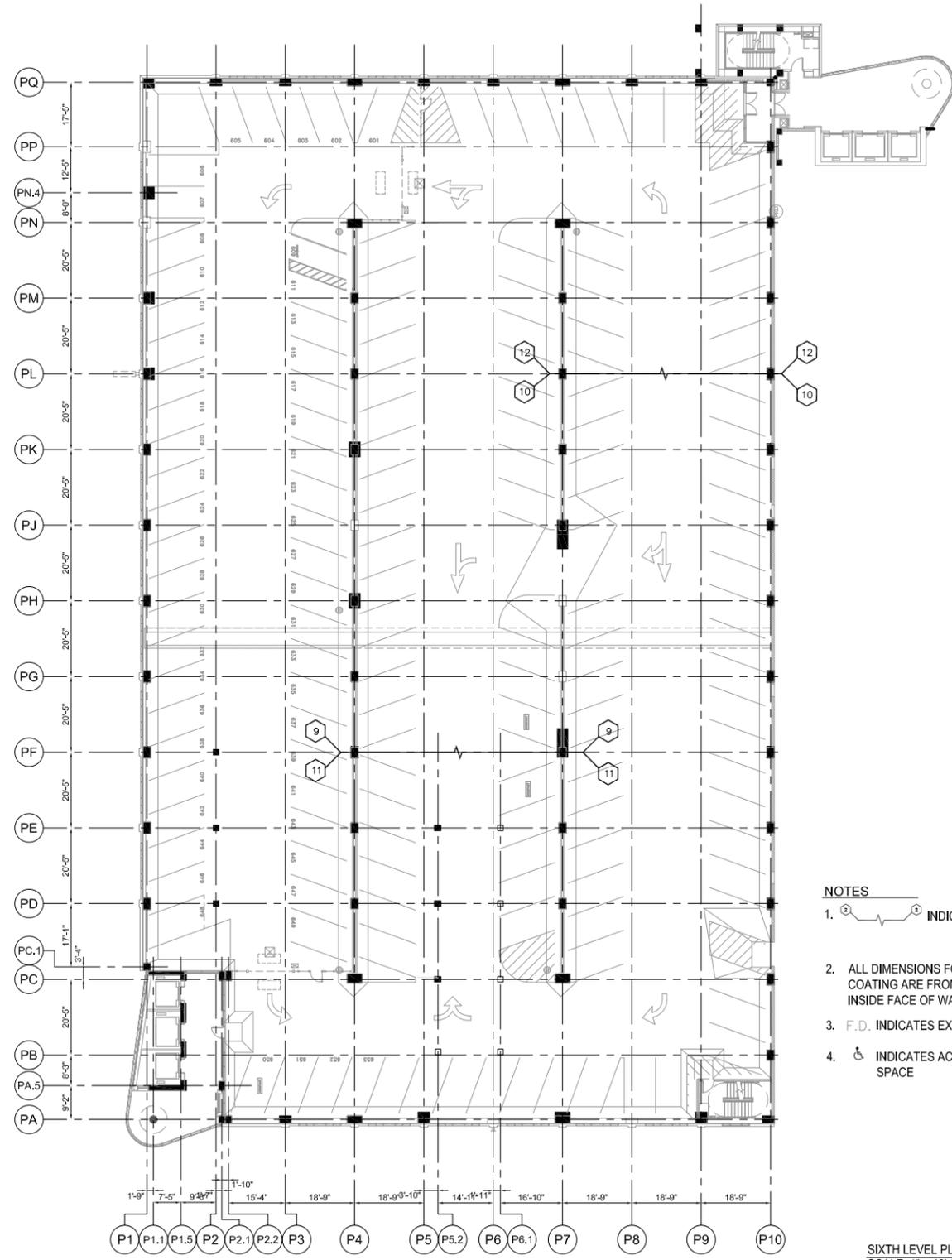
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SCALE	1" = 40'-0"
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SHEET NO.	A112
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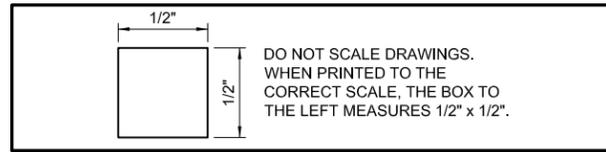


FIFTH LEVEL PLAN  
SCALE: 1" = 40'-0"



SIXTH 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



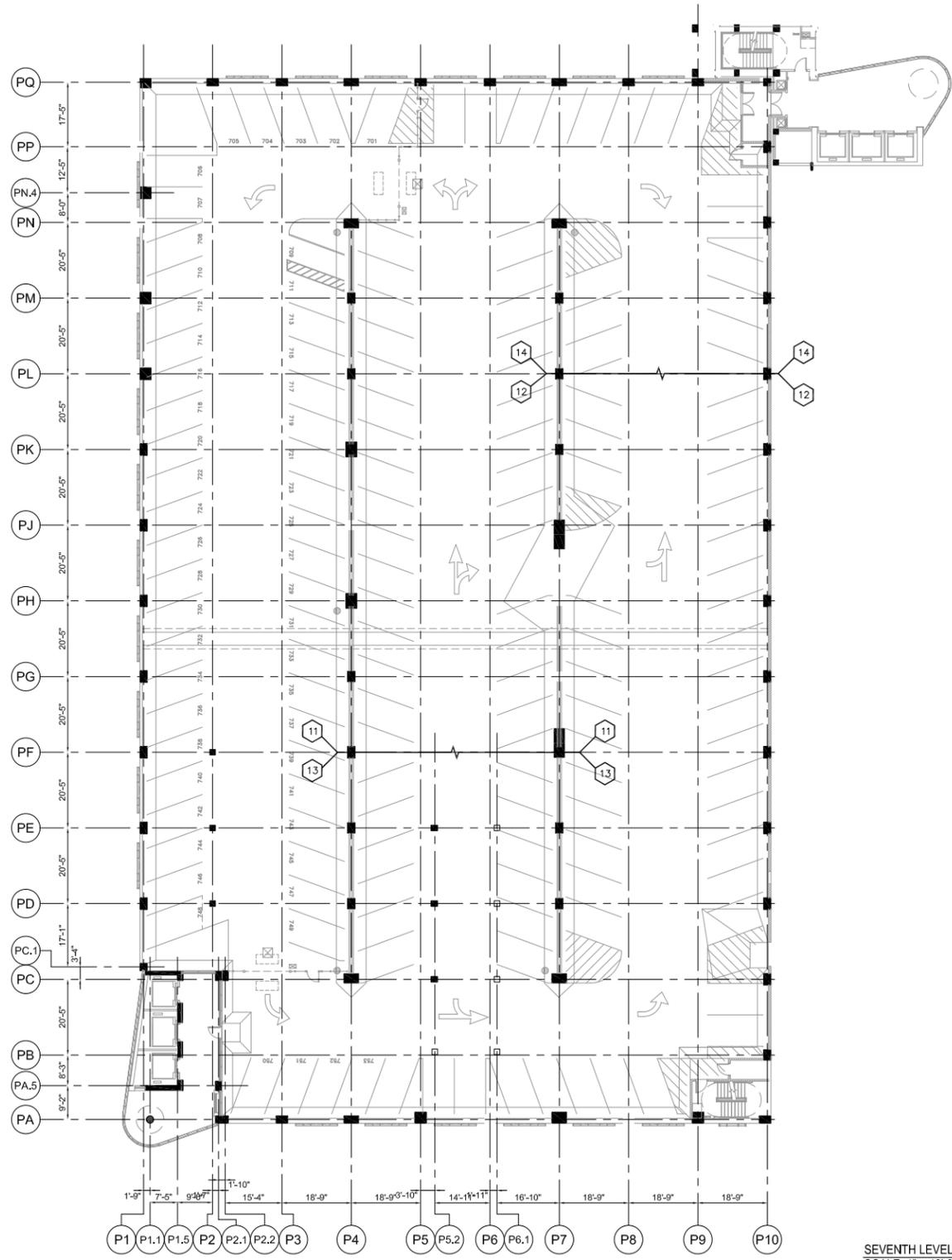
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Evanston, Illinois 60201

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

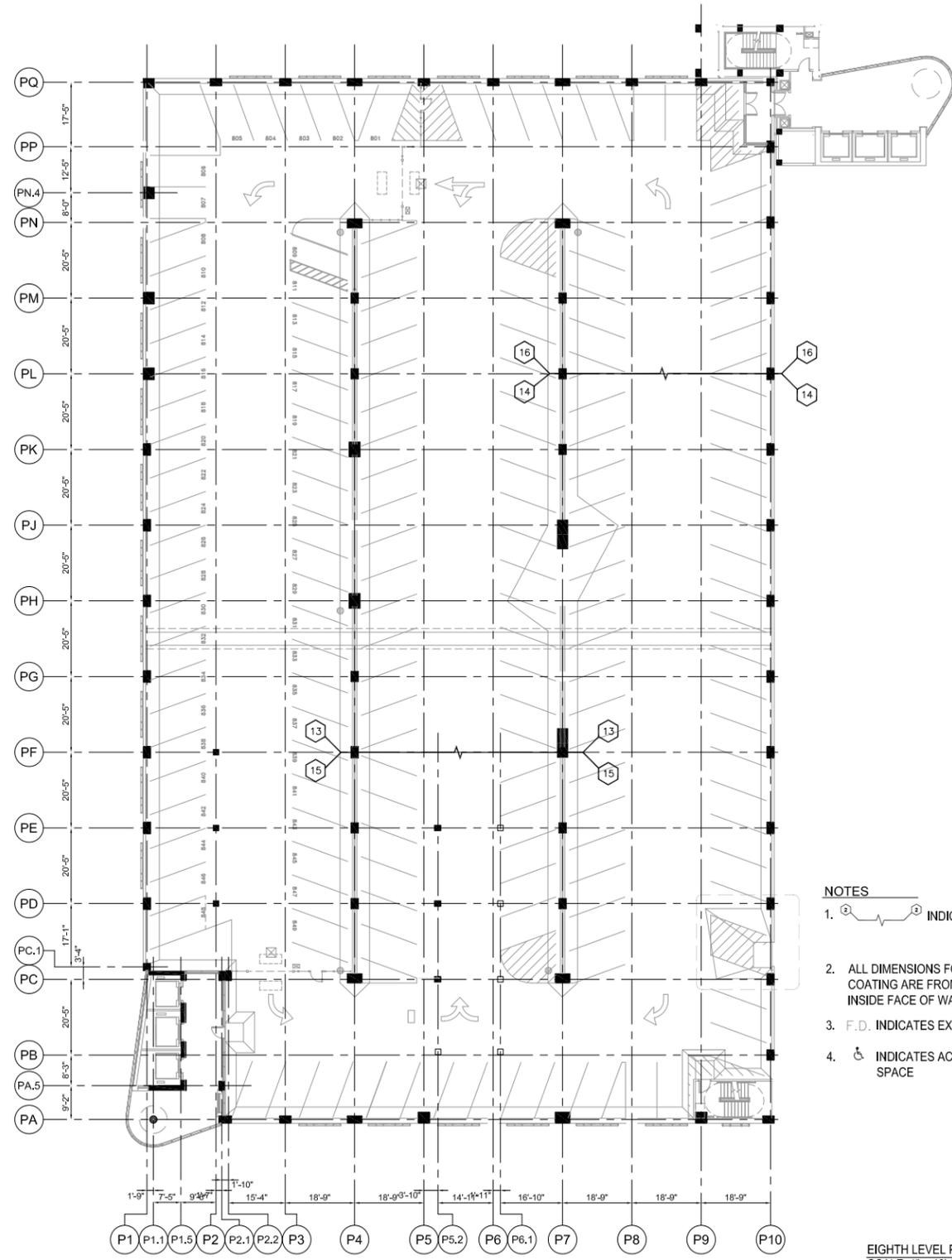
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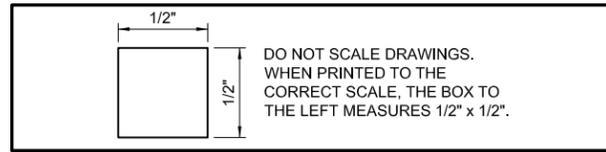


SEVENTH LEVEL PLAN  
SCALE: 1" = 40'-0"  
2  
A114



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



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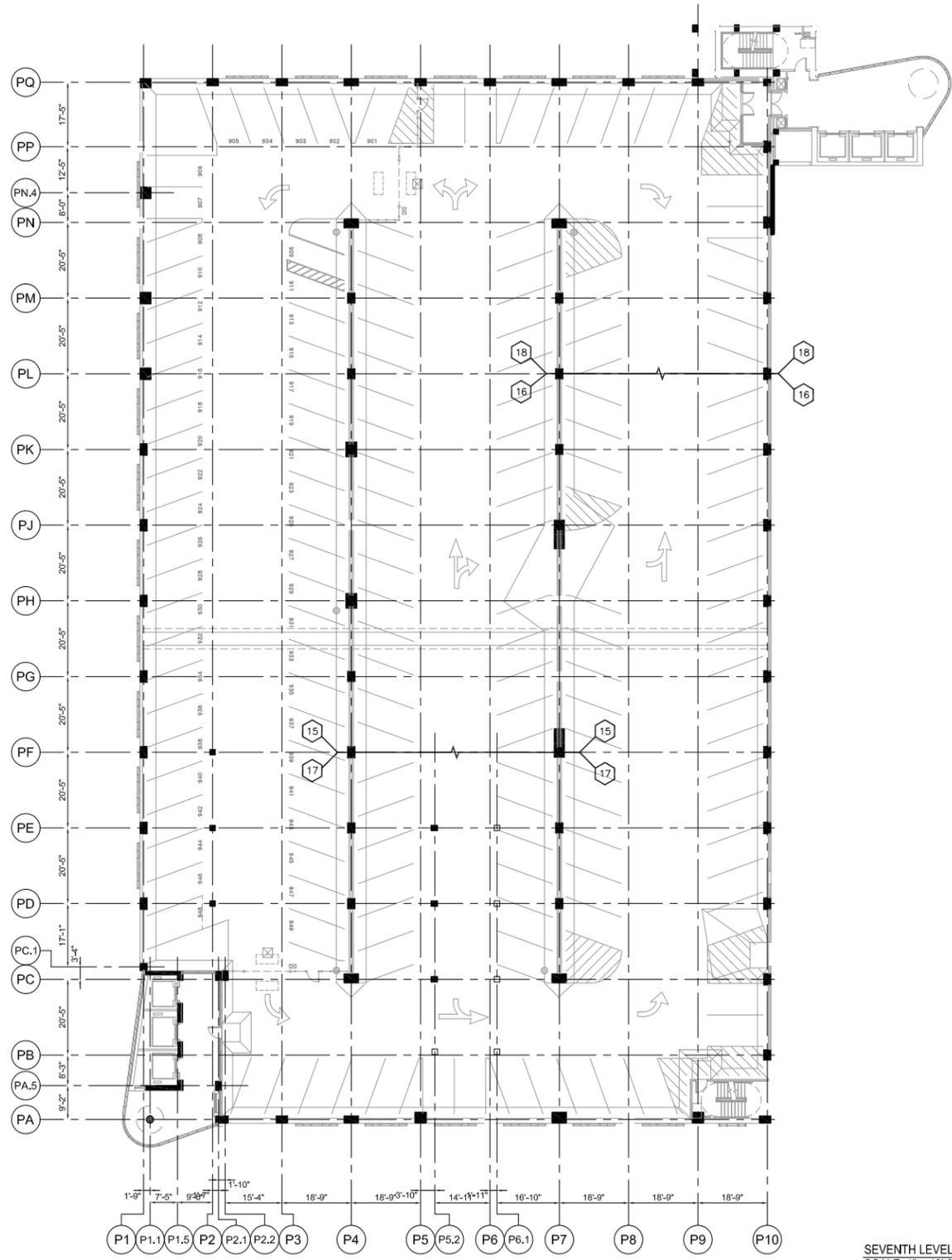


**SEVENTH LEVEL & EIGHTH LEVEL PLAN  
SHERMAN AVE GARAGE**

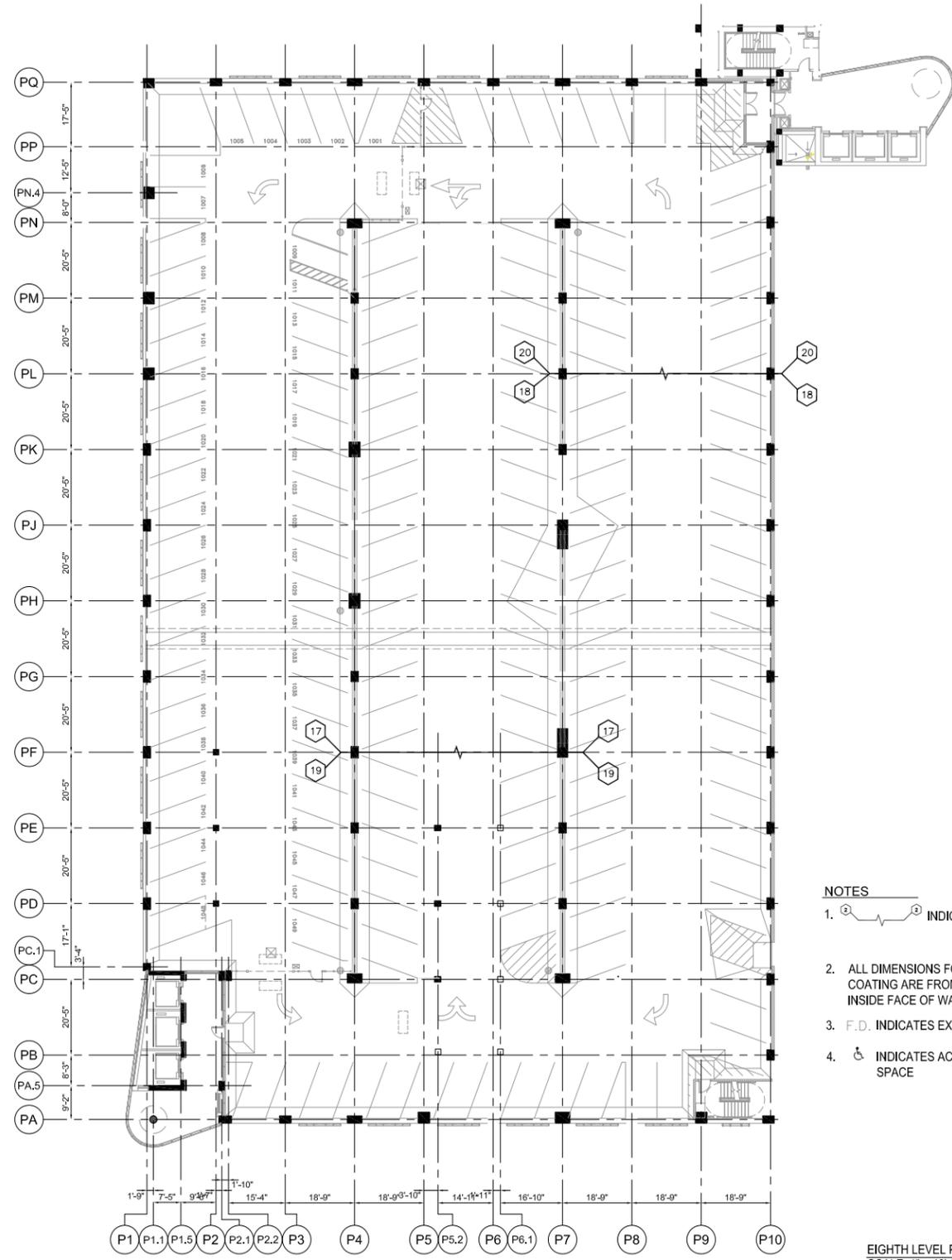
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DATE	3/28/2019
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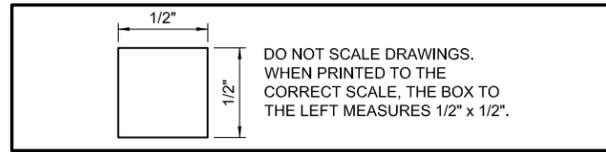


SEVENTH LEVEL PLAN  
SCALE: 1" = 40'-0"  
2  
A114



- 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"  
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A114



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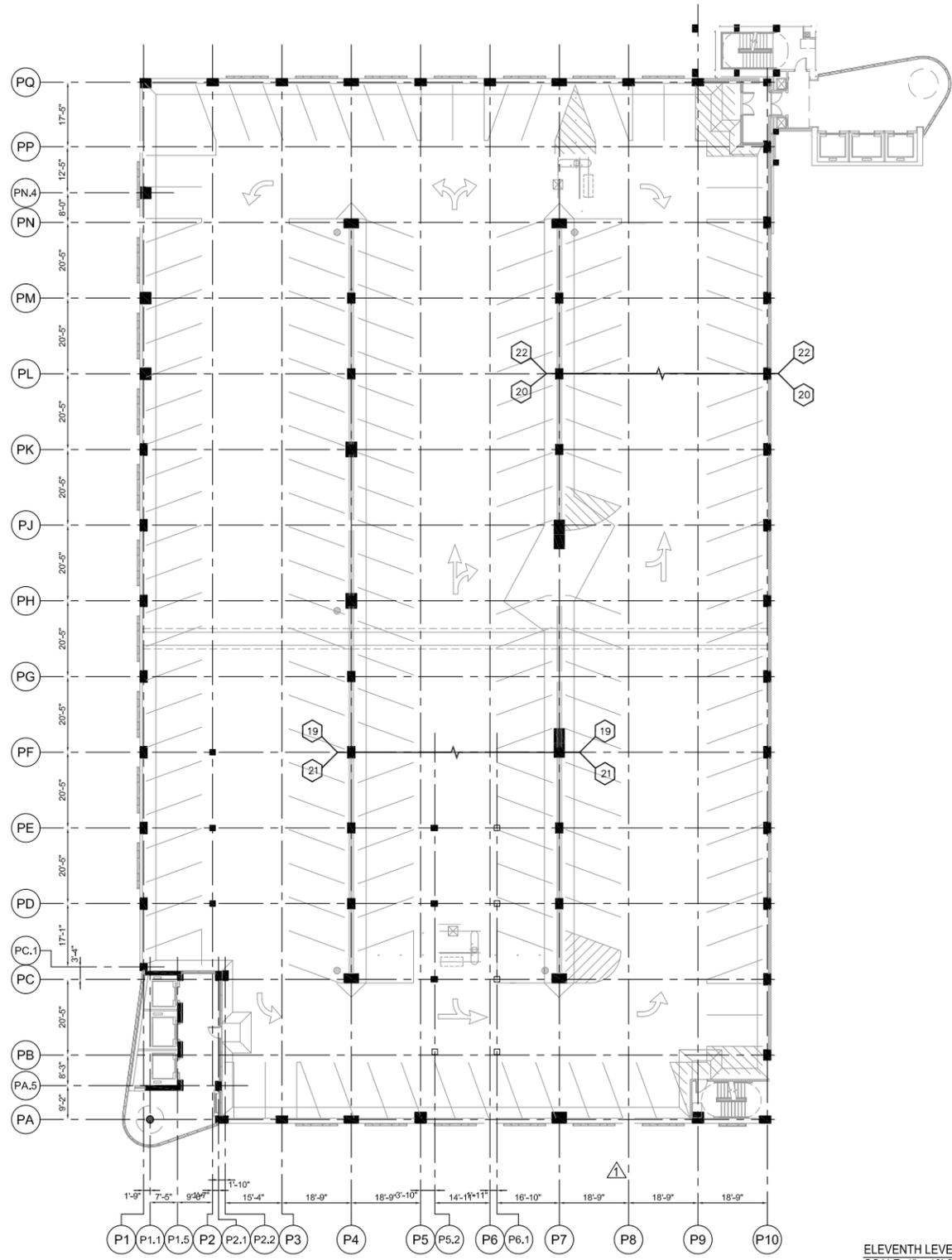


**NINTH LEVEL & TENTH LEVEL PLAN  
SHERMAN AVE GARAGE**

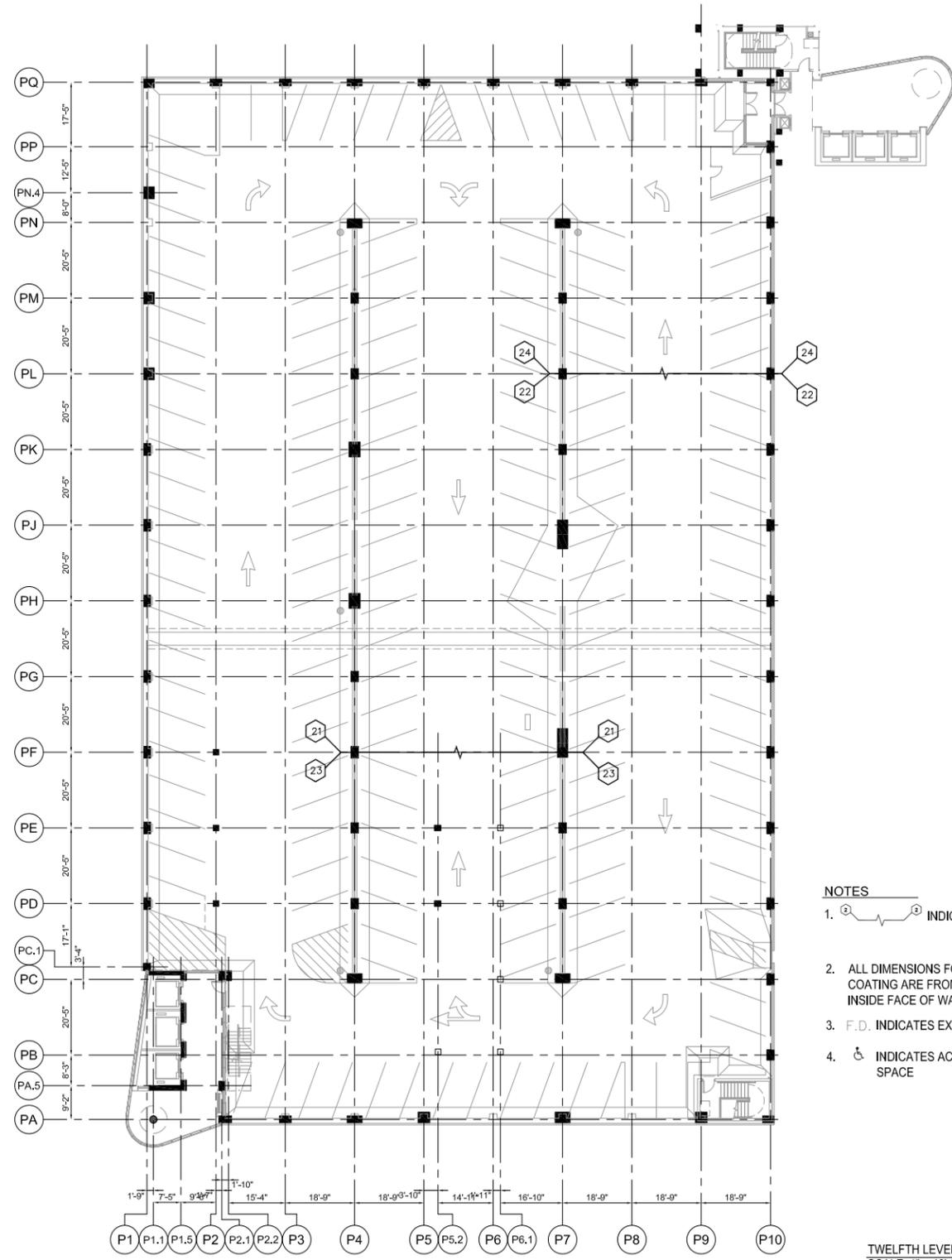
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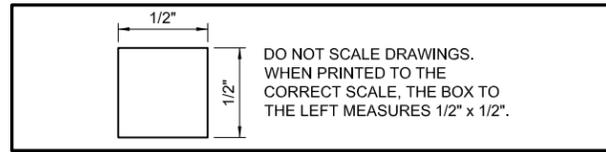


ELEVENTH LEVEL PLAN  
SCALE: 1" = 40'-0"  
2  
A116



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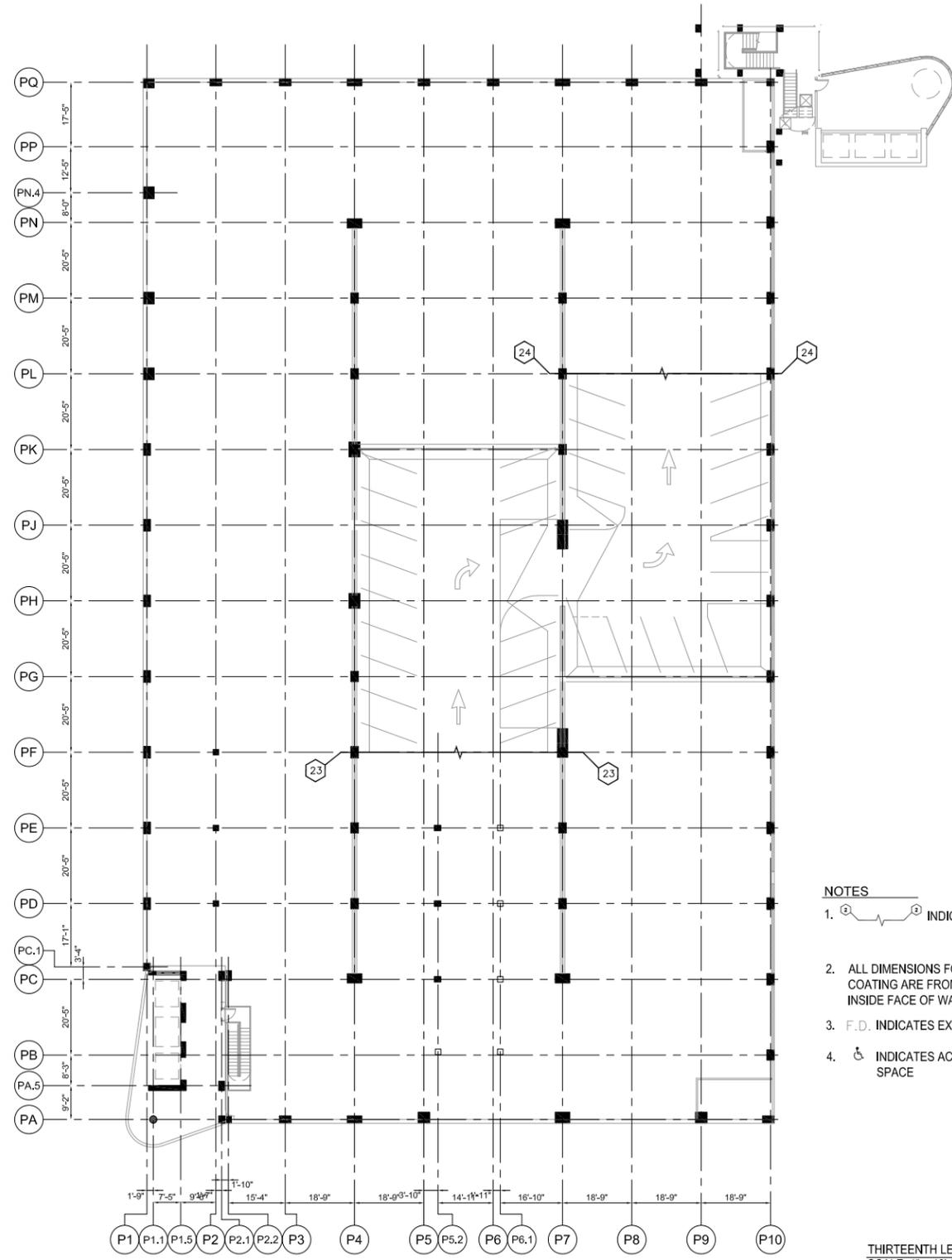
**ELEVENTH LEVEL & TWELFTH LEVEL PLAN  
SHERMAN AVE GARAGE**

DATE	REVISIONS

DATE	3/28/2019
SCALE	1" = 40'-0"
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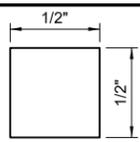
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A116



- 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".

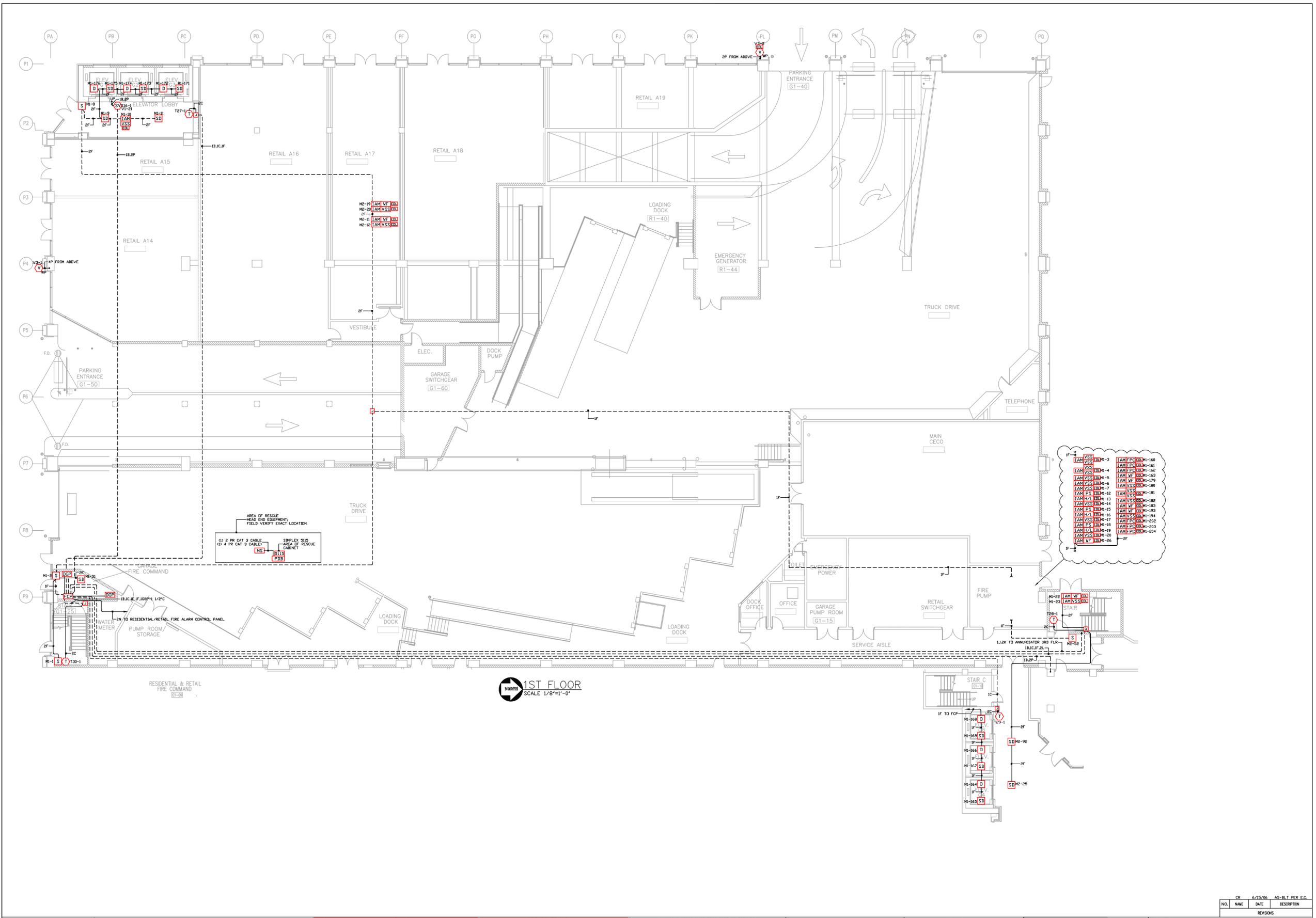
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Evanston, Illinois 60201

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

DATE	REVISIONS

DATE	3/28/2019
SCALE	1" = 40'-0"
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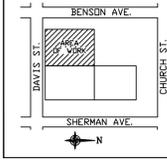
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- [L]AM [V]SS [E]M-17 [L]AM [F]PS [E]M-174
- [L]AM [V]SS [E]M-18 [L]AM [F]PS [E]M-175
- [L]AM [V]SS [E]M-19 [L]AM [F]PS [E]M-176
- [L]AM [V]SS [E]M-20 [L]AM [F]PS [E]M-177

AREA OF RESCUE  
HEAD END EQUIPMENT  
FIELD VERIFY EXACT LOCATION

(1) 2 PR CAT 3 CABLE  
(1) 4 PR CAT 3 CABLE

AREA OF RESCUE  
SIMPLEX 5015  
AREA OF RESCUE  
CABINET

1ST 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/2000HZ SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/2000HZ CTEC
D	14GA THIN SOLID WIRE (HEAT, ALARM)
E	16GA TWISTED SHIELDED PAIR (COMM. LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/2000HZ (PHONE)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/2000HZ (SPRINKLER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/2000HZ (FIRE ALARM)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/2000HZ (DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	14GA THIN SOLID WIRE (COOP. HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/2000HZ (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 KHZ

ALL SPEAKERS WILL BE SET AS FOLLOWS:  
70 VOLT RMS 1/4W (70 DB @ 10')  
70 VOLT RMS 1/4W (80 DB @ 10')  
70 VOLT RMS 1/4W (85 DB @ 10')  
70 VOLT RMS 1/4W (90 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

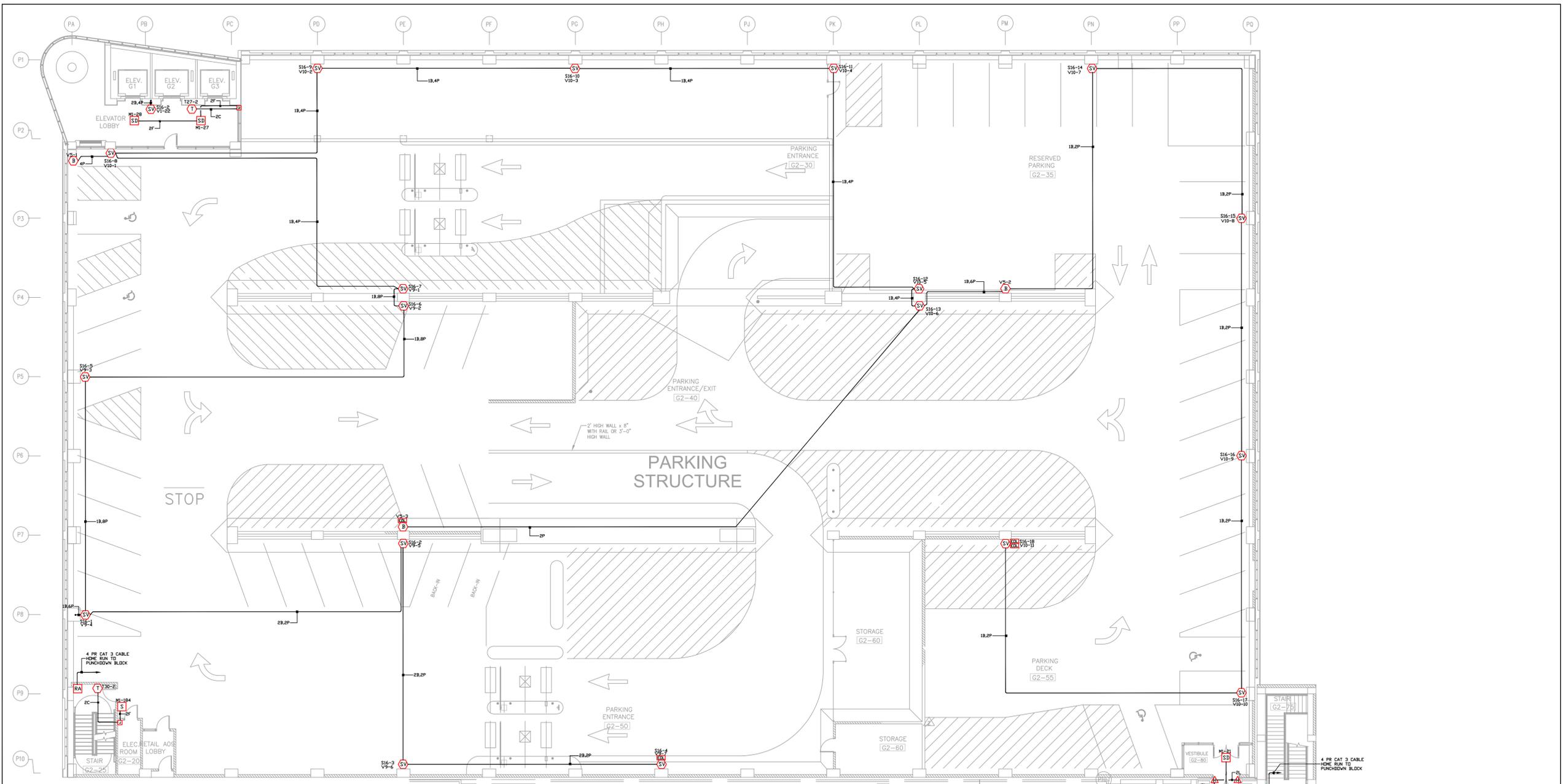
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

**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

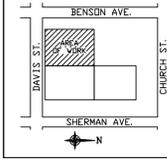
**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, CLOSED CIRCUIT VIDEO, ACCESS CONTROL, TIME CONTROL, NURSE CALL, COMMUNICATIONS SYSTEMS  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

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.:	1ST FLOOR
FILE NAME:	

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



**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' SPEAKER
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' (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 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')

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

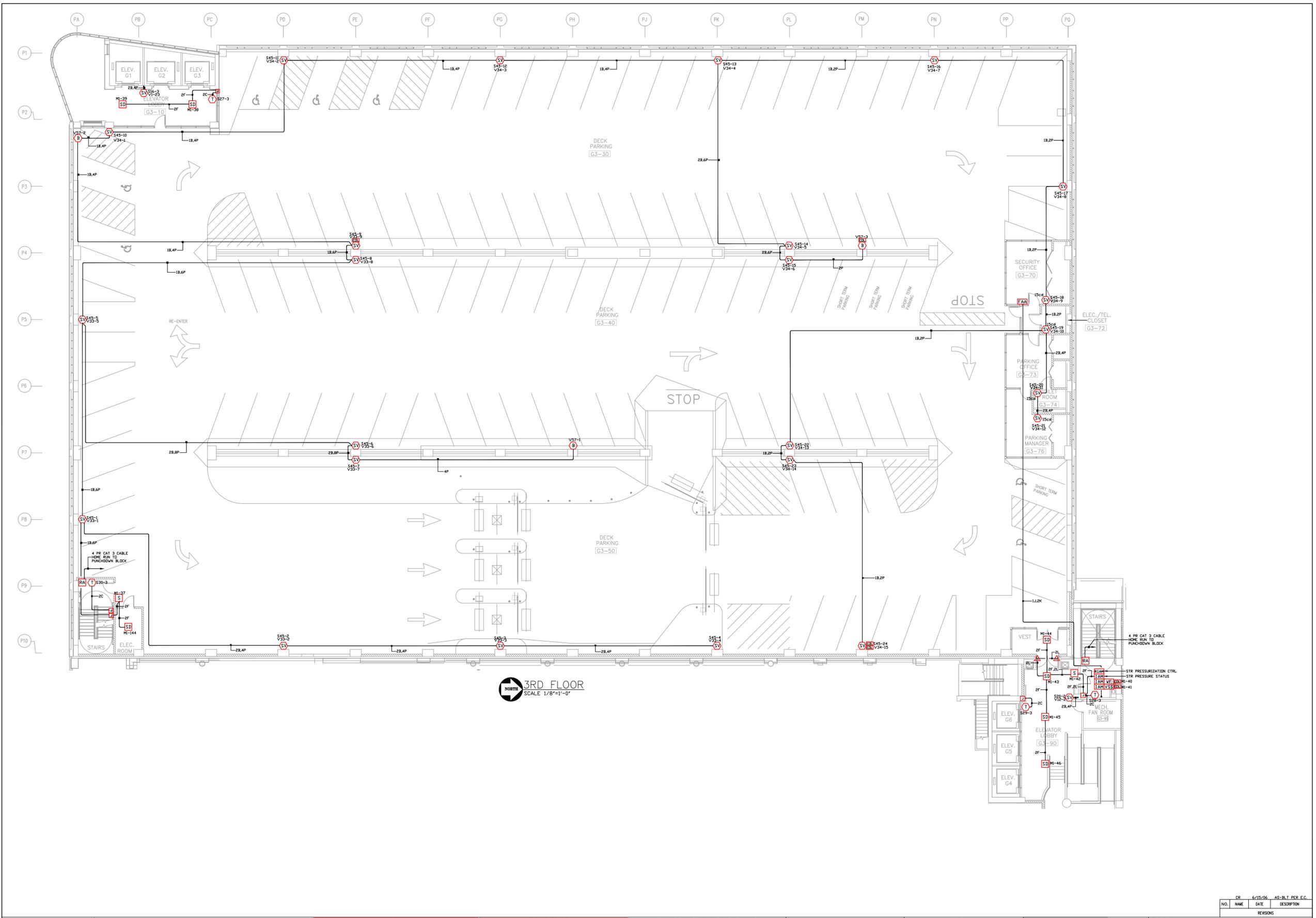
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16TH STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

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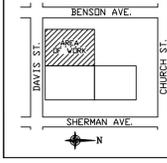
**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, TIME CONTROL, NURSE CALL, ACCESS CONTROL  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

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.:	
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/ 20DBM/100' SPEAKERS
C	16GA TWISTED SHIELDED PAIR NPLF W/ 100' SMOKE/100' CTEL
D	14GA THIN SOLID WIRE (DIAGNOSTIC ALARM)
E	16GA TWISTED SHIELDED PAIR COERM LINE
F	16GA TWISTED SHIELDED PAIR NPLF W/ 100' SMOKE/100' (HORN/NET)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 100' SMOKE/100' (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 100' SMOKE/100' (SPKR RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 100' SMOKE/100' (DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	14GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 100' SMOKE/100' (NETWORK INTERFACED)
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 @ 10.0V  
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')

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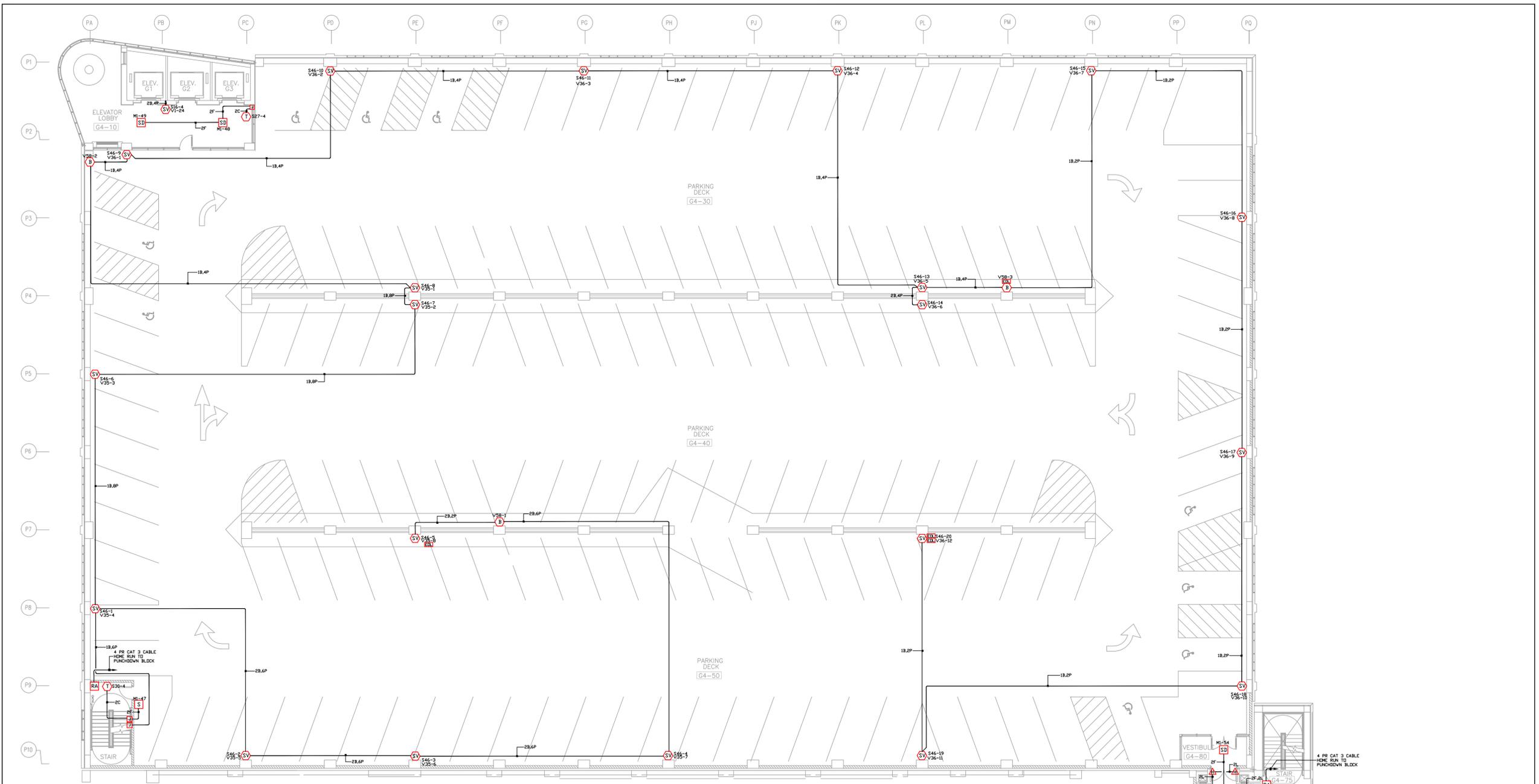
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

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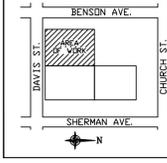
**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, TIME CONTROL, NURSE CALL, COMMUNICATIONS SYSTEMS  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

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/100' SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 100' CABLE TIE
D	14GA THIN SOLID WIRE (HEAT ALARM)
E	16GA TWISTED SHIELDED PAIR COAX LINE
F	16GA TWISTED SHIELDED PAIR NPLF W/ 100' CABLE TIE
G	16GA TWISTED SHIELDED PAIR NPLF W/ 100' CABLE TIE
H	16GA TWISTED SHIELDED PAIR NPLF W/ 100' CABLE TIE
I	16GA TWISTED SHIELDED PAIR NPLF W/ 100' CABLE TIE
J	16GA TWISTED SHIELDED PAIR NPLF W/ 100' CABLE TIE
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	14GA THIN SOLID WIRE (COOP HELPER)
M	16GA TWISTED SHIELDED PAIR NPLF W/ 100' CABLE TIE
N	16GA TWISTED SHIELDED PAIR NPLF W/ 100' CABLE TIE
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 @ 1 KHZ  
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')

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NPLF PER NEC ARTICLE 760  
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FOR LIST OF APPROVED CABLE

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

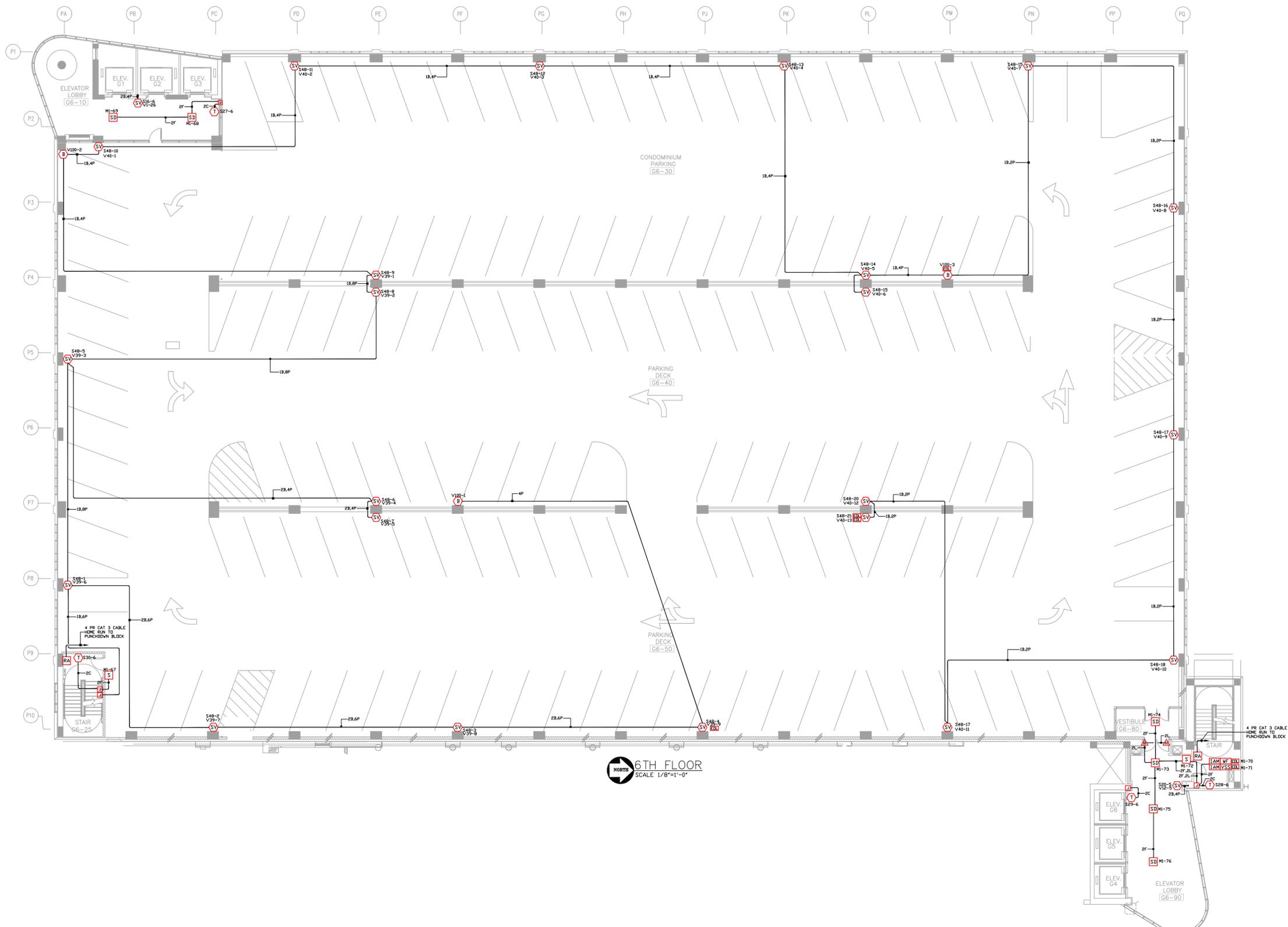
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**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, TIME CONTROL, NURSE CALL, ACCESS CONTROL, COMMUNICATIONS SYSTEMS  
91 NORTH MITCHELL COURT  
ADDISON, IL. 60101  
630/948-1100

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.:	4TH FLOOR
FILE NAME:	

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





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

WIRE SCHEDULE	
A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
B	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC/24VDC SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC/24VDC TELE
D	16GA THIN SOLID WIRE (REDITE ALARM)
E	16GA TWISTED SHIELDED PAIR COORN LINE
F	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC/24VDC (WARRANT)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC/24VDC (SPER RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC/24VDC (MTEL RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC/24VDC (DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC/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 @ 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')

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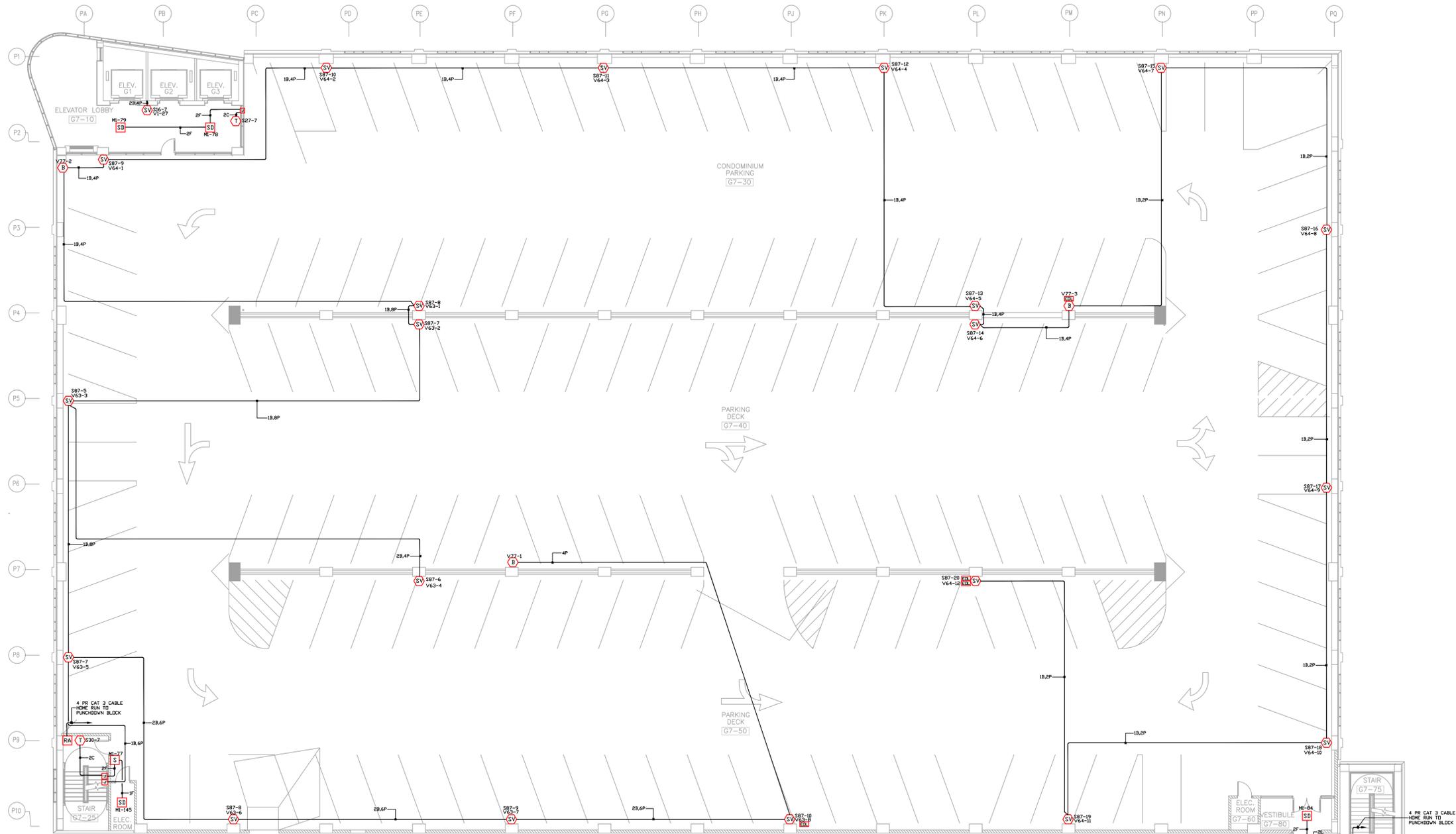
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16TH STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

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**tyco Fire & Security / SimplexGrinnell**  
FIRE DETECTION AND ALARM, SECURITY, 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 (TEL)
D	16GA THIN SOLID WIRE (HEAT/ALARM)
E	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SIGNAL)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SIGNAL)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SIGNAL)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SIGNAL)
I	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SIGNAL)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SIGNAL)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
M	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SIGNAL)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 24VDC (SIGNAL)
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')  
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70 VOLT RMS 4W (93 DB @ 10')  
70 VOLT RMS 8W (96 DB @ 10')

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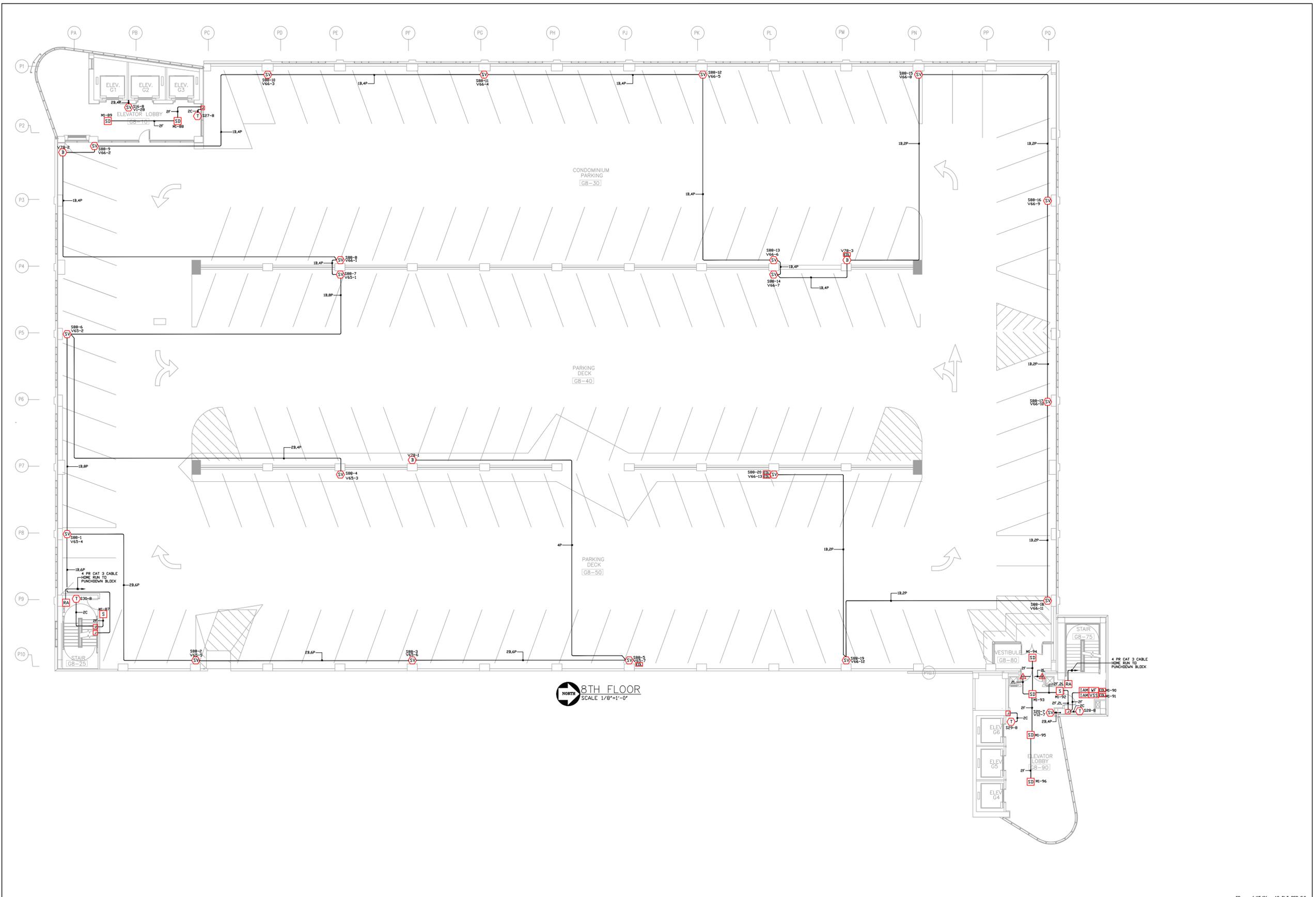
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1801 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

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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

LEGEND		WIRE SCHEDULE	
SD	SMOKE DETECTOR	A	16GA THIN SOLID WIRE (ZONE, SMOKE AND/OR HEAT)
HD	HEAT DETECTOR	B	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM SPEAKER
MPS	MANUAL PULL STATION	C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM TEL
RA	FIRE ALARM CONTROL PANEL	D	16GA THIN SOLID WIRE (RED/WHITE ALARM)
SP	SIREN	E	16GA TWISTED SHIELDED PAIR NPLF (COMMON LINE)
VP	WEATHERPROOF DEVICE	F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM (HANDSET)
W	WATERPROOF SWITCH	G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM (SPKR RISER)
IS	INDIVIDUAL ADDRESSABLE SMOKE DETECTOR	H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM (TEL RISER)
ISD	INDIVIDUAL ADDRESSABLE SMOKE DETECTOR	J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM (HAND DATA)
ISHD	INDIVIDUAL ADDRESSABLE SMOKE DETECTOR	K	16GA THIN SOLID WIRE (24 VDC POWER)
ISHD	INDIVIDUAL ADDRESSABLE SMOKE DETECTOR	L	16GA THIN SOLID WIRE (COOP HELLER)
ISHD	INDIVIDUAL ADDRESSABLE SMOKE DETECTOR	N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM (NETWORK INTERFACE)
ISHD	INDIVIDUAL ADDRESSABLE SMOKE DETECTOR	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 DBM @ 10')  
70 VOLT RMS 1/2W (84 DBM @ 10')  
70 VOLT RMS 1W (87 DBM @ 10')  
70 VOLT RMS 2W (90 DBM @ 10')

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CONTACT LOCAL SIMPLEX BRANCH OFFICE  
FOR LIST OF APPROVED CABLE

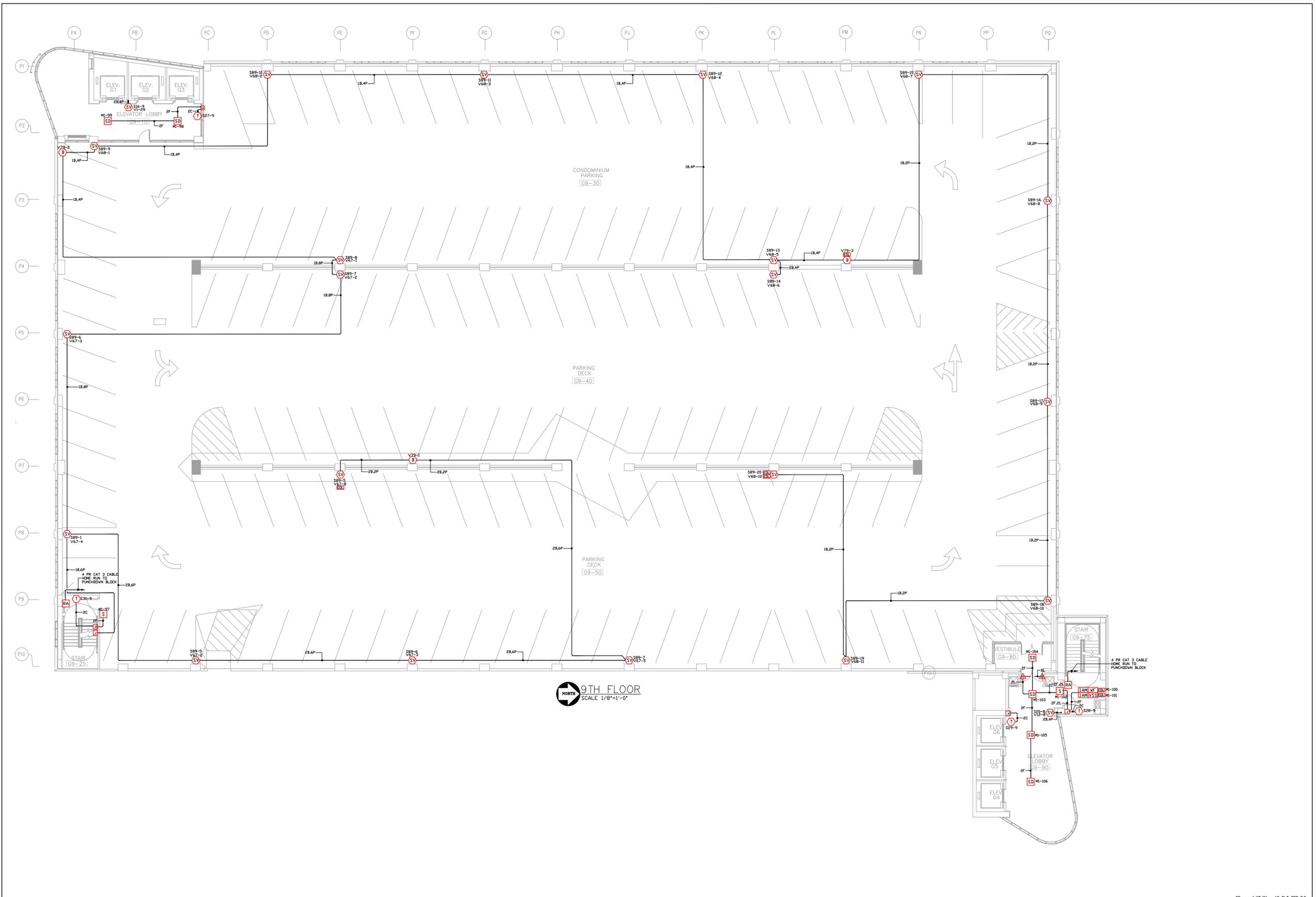
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-2511

**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, 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.:	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 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

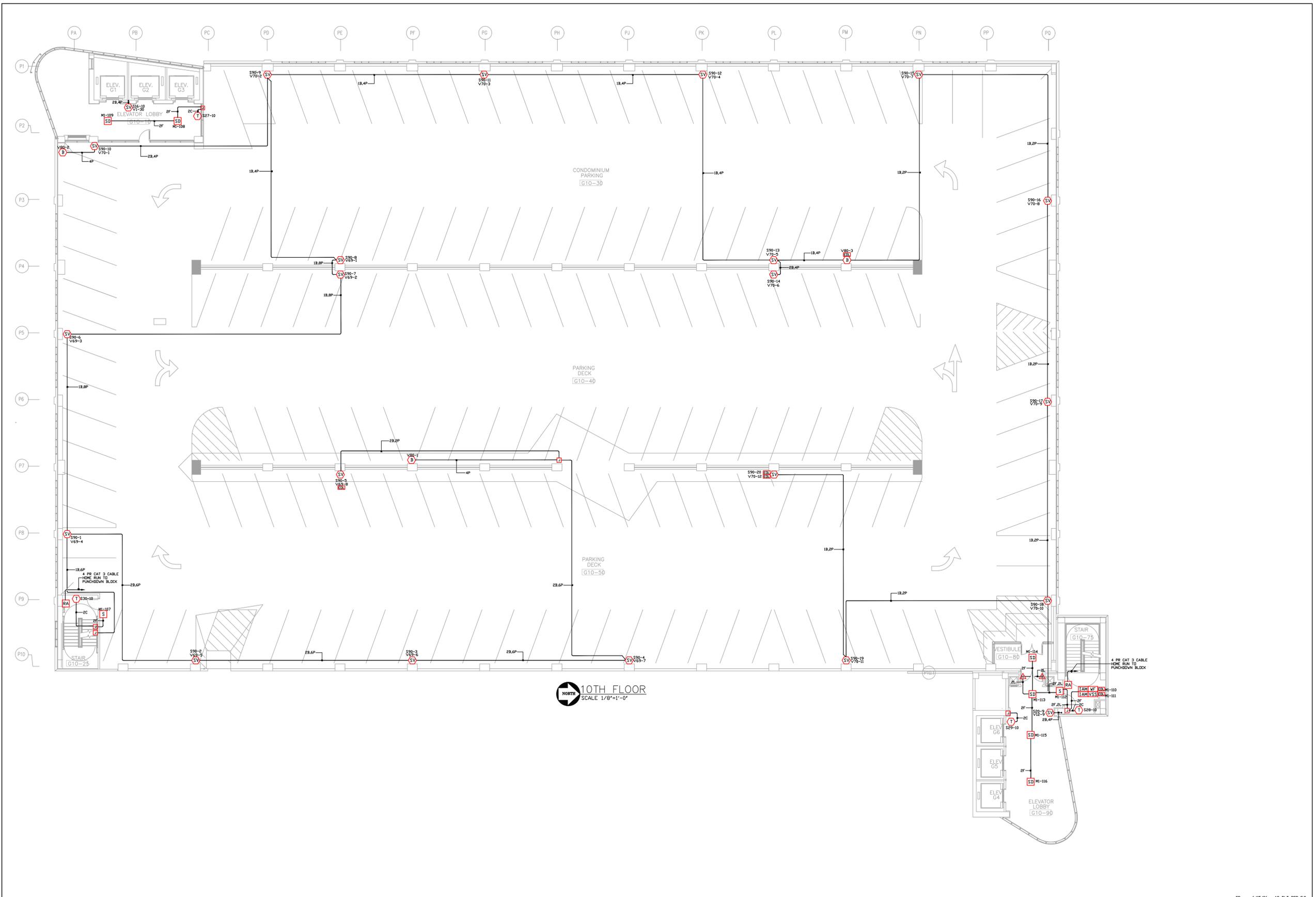
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91 NORTH MITCHELL COURT  
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PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DATE:	5/23/05
PROJECT NO.:	CR
DWG NO.:	9TH FLOOR
FILE NAME:	

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/ 20DBM (SPEAKER)
C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM (TEL)
D	16GA THIN SOLID WIRE (ORCHITE ALARM)
E	16GA THIN SOLID WIRE (SCRM LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM (SPEAKER)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM (SPEAKER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM (SPEAKER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM (SPEAKER)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM (SPEAKER)
P	16GA THIN SOLID WIRE (VISUAL)

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70 VOLT RMS 2W (81 DB @ 10')  
70 VOLT RMS 4W (81 DB @ 10')  
70 VOLT RMS 8W (81 DB @ 10')

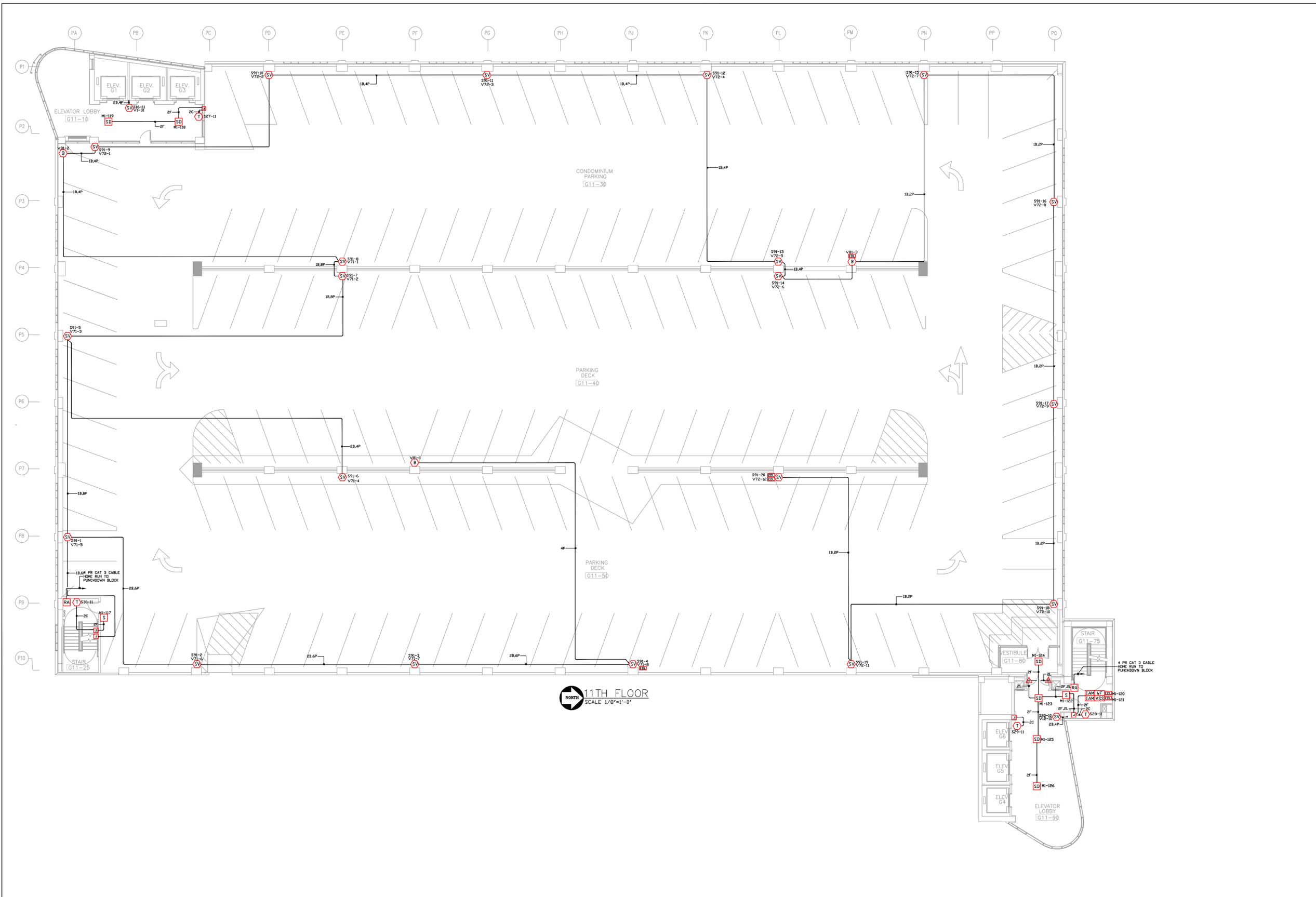
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PROJECT NAME:	SHERMAN PLAZA PARKING GARAGE 821 DAVIS ST. EVANSTON, IL
DRAWING TITLE:	LIFE SAFETY/FIRE ALARM
DATE:	5/23/05
PROJECT NO.:	CR
DWG NO.:	10TH FLOOR
FILE NAME:	

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



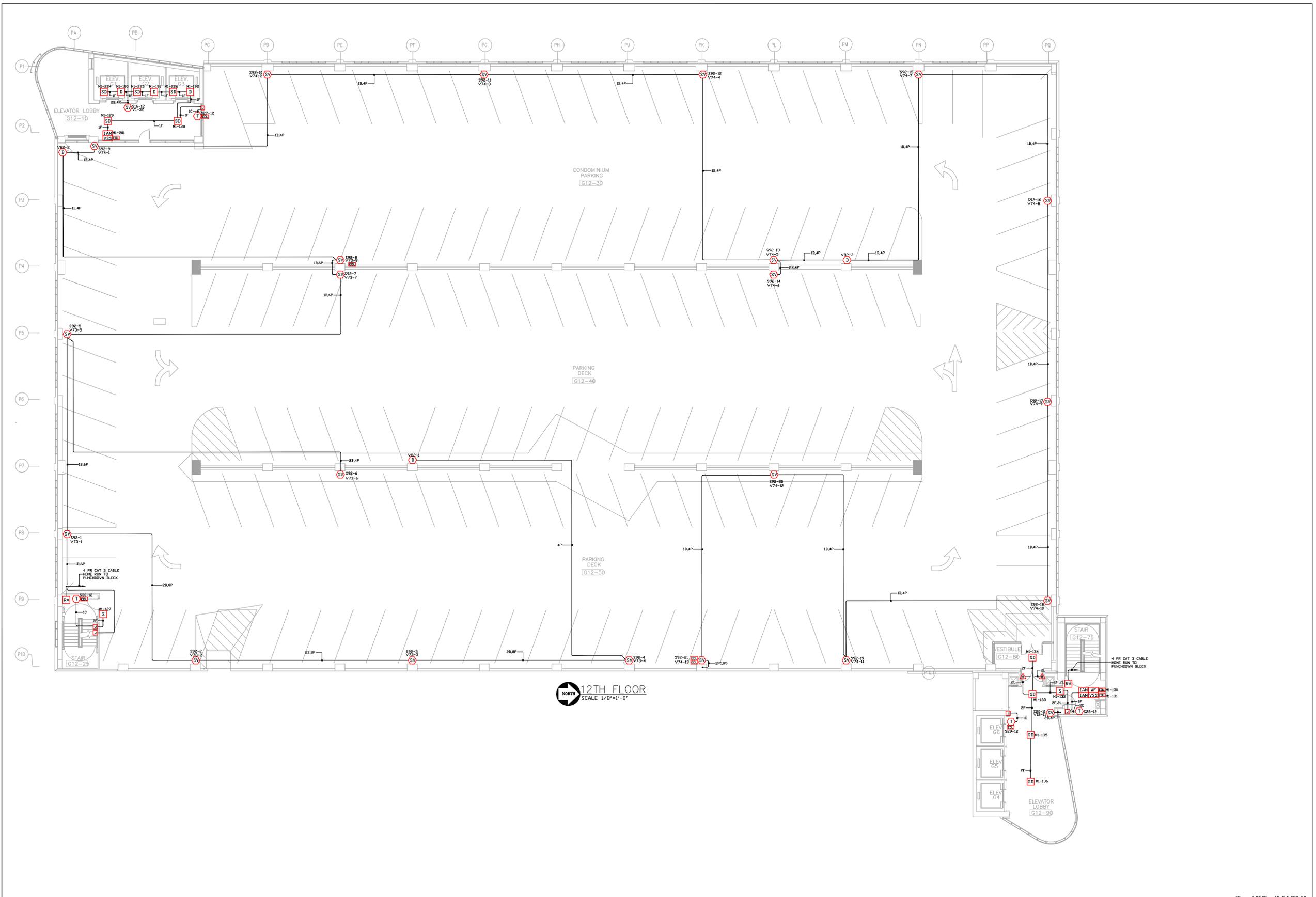
11TH FLOOR  
SCALE 1/8"=1'-0"



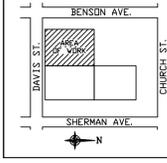
SCOPE OF WORK:  
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B	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM SPEAKER
C	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM TEL
D	16GA THIN SOLID WIRE (REDITE ALARM)
E	16GA THIN SOLID WIRE (COMMON LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM (HANDSET)
G	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM (SPKR RISER)
H	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM (TEL RISER)
J	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM (FAX DATA)
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
N	16GA TWISTED SHIELDED PAIR NPLF W/ 20DBM/20DBM (NETWORK INTERFACE)
P	16GA THIN SOLID WIRE (VISUAL)

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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')  
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70 VOLT RMS 49039857307708448213349470217235072W (81 DB @ 10')  
70 VOLT RMS 98079714615416896426698940434470144W (81 DB @ 10')  
70 VOLT RMS 19615942922883379285339788868940288W (81 DB @ 10')  
70 VOLT RMS 39231885845766758570679577737881536W (81 DB @ 10')  
70 VOLT RMS 7846377169153351714135915547576272W (81 DB @ 10')  
70 VOLT RMS 156927543383067034282718310951552448W (81 DB @ 10')  
70 VOLT RMS 3138550867661340685654366219030496W (81 DB @ 10')  
70 VOLT RMS 6277101735322681371308732438060992W (81 DB @ 10')  
70 VOLT RMS 12554203470645362742617648761721984W (81 DB @ 10')  
70 VOLT RMS 2510840694129072548523529752343968W (81 DB @ 10')  
70 VOLT RMS 5021681388258145091047059504687936W (81 DB @ 10')  
70 VOLT RMS 1004336277651629018209411900937584W (81 DB @ 10')  
70 VOLT RMS 2008672555303258036418823801875168W (81 DB @ 10')  
70 VOLT RMS 4017345110606516072837647603750336W (81 DB @ 10')  
70 VOLT RMS 8034690221213032145675295207500672W (81 DB @ 10')  
70 VOLT RMS 16069380442426062911354580415001344W (81 DB @ 10')  
70 VOLT RMS 32138760884852125822709160830002688W (81 DB @ 10')  
70 VOLT RMS 64277521769704251645418321660005376W (81 DB @ 10')  
70 VOLT RMS 128555043539408503290836643320010752W (81 DB @ 10')  
70 VOLT RMS 257110087078817006581673266640021504W (81 DB @ 10')  
70 VOLT RMS 514220174157634013163346533280043008W (81 DB @ 10')  
70 VOLT RMS 1028440348315268026326693065600086016W (81 DB @ 10')  
70 VOLT RMS 2056880696630536052653386131200172032W (81 DB @ 10')  
70 VOLT RMS 4113761393261072105306772262400344064W (81 DB @ 10')  
70 VOLT RMS 8227522786522144210613544524800688128W (81 DB @ 10')  
70 VOLT RMS 1645504557304428842122708904960137256W (81 DB @ 10')  
70 VOLT RMS 3291009114608857684245417809920274512W (81 DB @ 10')  
70 VOLT RMS 6582018229217715368490835619840549024W (81 DB @ 10')  
70 VOLT RMS 13164036458435430736981671239680109808W (81 DB @ 10')  
70 VOLT RMS 26328072916870861473963342479360219616W (81 DB @ 10')  
70 VOLT RMS 52656145833741722947926684959680439232W (81 DB @ 10')  
70 VOLT RMS 105312291664835445895853739193608784464W (81 DB @ 10')  
70 VOLT RMS 21062458332967089179170747838721759296W (81 DB @ 10')  
70 VOLT RMS 421249166659341783583414956774435185952W (81 DB @ 10')  
70 VOLT RMS 842498333318683567166829913548711919104W (81 DB @ 10')  
70 VOLT RMS 168499666663736713433375982709743938208W (81 DB @ 10')  
70 VOLT RMS 336999333327473426866751955419487876416W (81 DB @ 10')  
70 VOLT RMS 673998666654946853733503908838975752832W (81 DB @ 10')  
70 VOLT RMS 134799733330989370746700781677951545664W (81 DB @ 10')  
70 VOLT RMS 269599466661978741493401563355903091328W (81 DB @ 10')  
70 VOLT RMS 53919893332395748298680312671180618656W (81 DB @ 10')  
70 VOLT RMS 10783978666479149597736062534236137312W (81 DB @ 10')  
70 VOLT RMS 215679573329582991954721250684726644624W (81 DB @ 10')  
70 VOLT RMS 43135914665916598390944250136945328928W (81 DB @ 10')  
70 VOLT RMS 86271829331833196781888502733890657



**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')

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

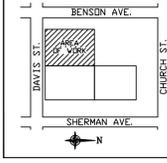
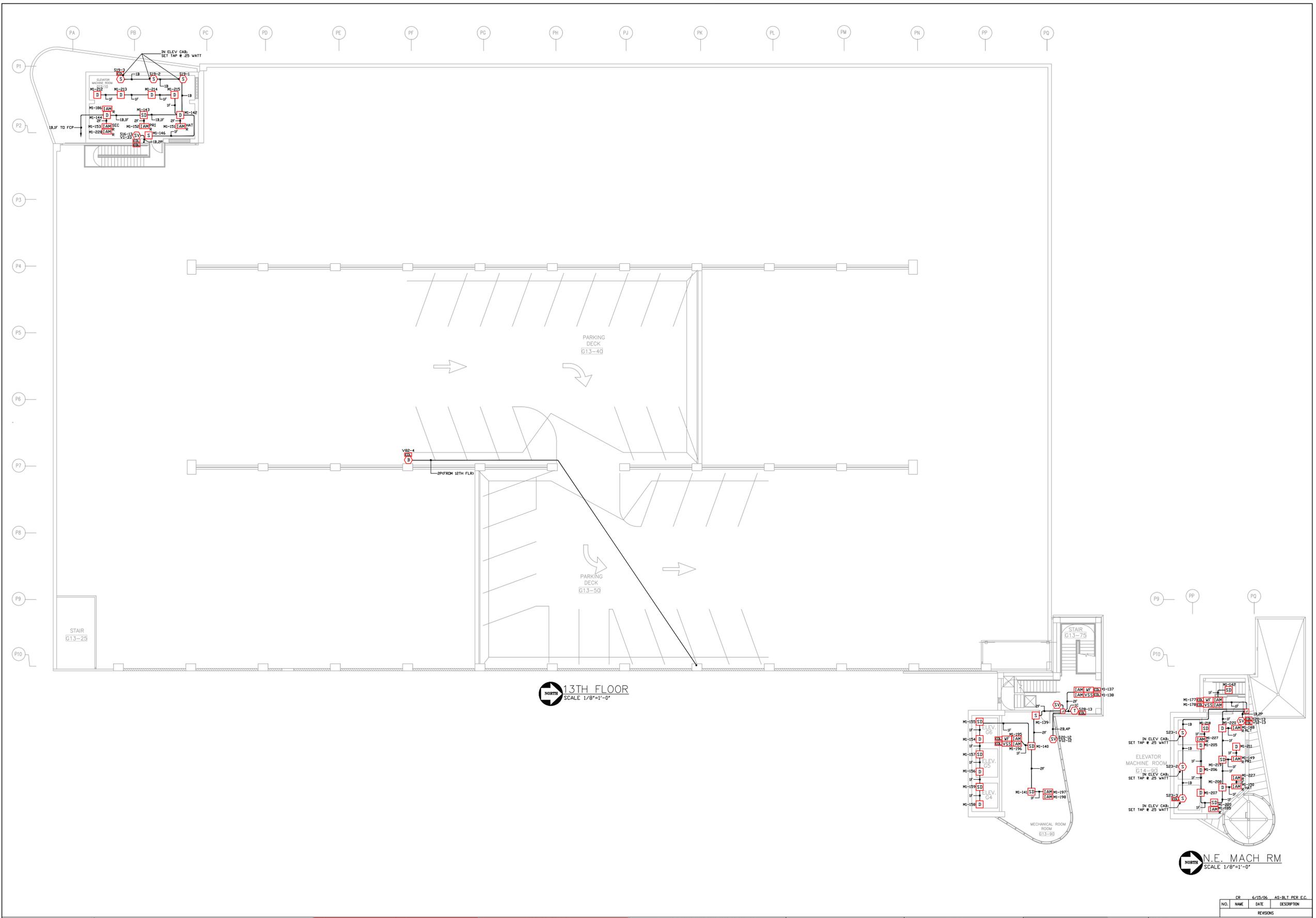
Electrical Contractor:  
**Huen**  
**ELECTRIC INC.**  
180 WEST 16th STREET  
BROADVIEW, ILLINOIS 60155 (708)-343-5511

**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, TIME CONTROL, NURSE CALL, ACCESS CONTROL, 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.:	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 VV/SPK/ALC/CP/SPKR
C	16GA TWISTED SHIELDED PAIR NPLF VV/SPK/ALC/CP/SPKR
D	16GA THIN SOLID WIRE (CHROME ALARM)
E	16GA TWISTED SHIELDED PAIR NPLF VV/SPK/ALC/CP/SPKR
F	16GA TWISTED SHIELDED PAIR NPLF VV/SPK/ALC/CP/SPKR
G	16GA TWISTED SHIELDED PAIR NPLF VV/SPK/ALC/CP/SPKR
H	16GA TWISTED SHIELDED PAIR NPLF VV/SPK/ALC/CP/SPKR
I	16GA TWISTED SHIELDED PAIR NPLF VV/SPK/ALC/CP/SPKR
J	16GA TWISTED SHIELDED PAIR NPLF VV/SPK/ALC/CP/SPKR
K	16GA THIN SOLID WIRE (24 VDC POWER)
L	16GA THIN SOLID WIRE (COOP HELPER)
M	16GA TWISTED SHIELDED PAIR NPLF VV/SPK/ALC/CP/SPKR
N	16GA TWISTED SHIELDED PAIR NPLF VV/SPK/ALC/CP/SPKR
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.D.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 (84 DB @ 10')  
 70 VOLT RMS 1/4W (87 DB @ 10')  
 70 VOLT RMS 1/4W (90 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

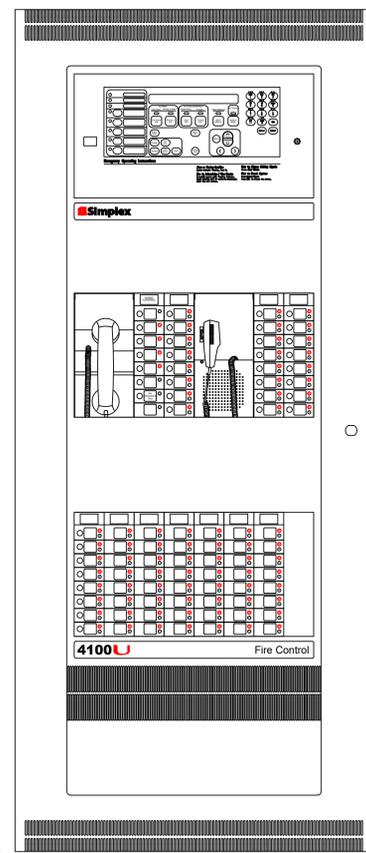
**NOTICE**  
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 SIMPLEXGRINNELL AND REFLECT  
 THE DESIGN AND DEVICE LOCATIONS AS SHOWN  
 ON THE ORIGINAL BID DRAWINGS THAT WERE  
 DESIGNED BY THE PROJECT ARCHITECT AND/OR ENGINEER.  
 ALL FIRE ALARM SYSTEM DESIGN AND ENGINEERING  
 AS IT RELATES TO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

**tyco Fire & Security / SimplexGrinnell**  
 FIRE DETECTION AND ALARM, SECURITY,  
 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.	

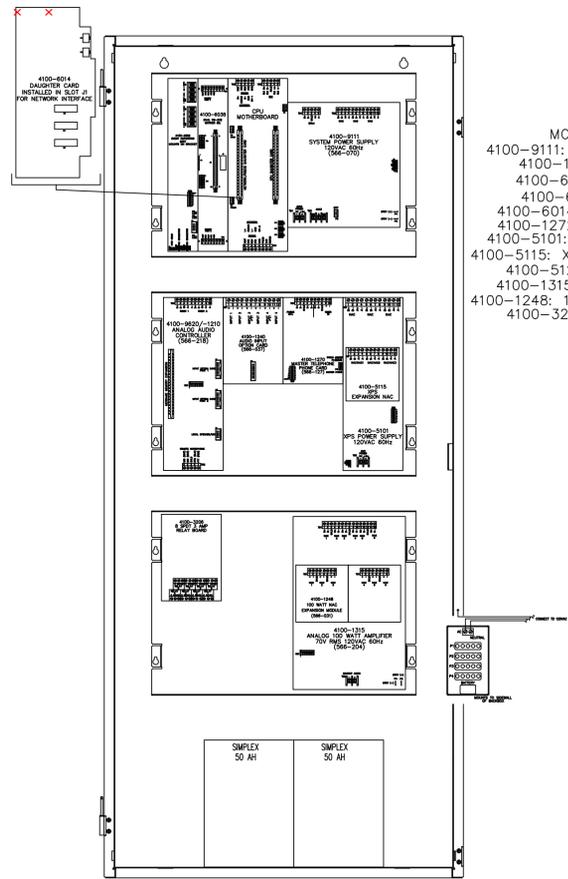
PROJECT NAME: SHERMAN PLAZA  
 PARKING GARAGE  
 821 DAVIS ST.  
 EVANSTON, IL  
 DRAWING TITLE: LIFE SAFETY/FIRE ALARM  
 DRAWN BY: CR DATE: 5/23/05 APPROVED: DATE:  
 PROJECT NO: DWG NO: 13TH FLOOR  
 FILE NAME: sheet 14 of 19



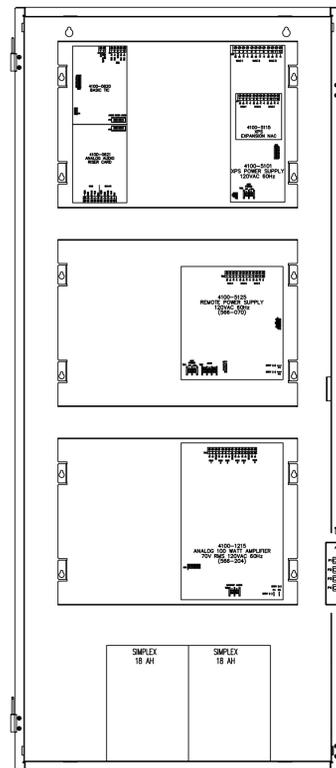


MODULE DESCRIPTION (QTY)  
 MASTER TELEPHONE (1)  
 MICROPHONE ENCLOSURE (1)  
 4100-LCD (1)  
 4100-1252: AUDIO IF MODULE, SINGLE CHANNEL (1)  
 4100-1282: 8 SWITCH/16 RED-YELLOW LOD MODULE (4)  
 4100-1279: BLANK (1)

FIRE ALARM CONTROL PANEL

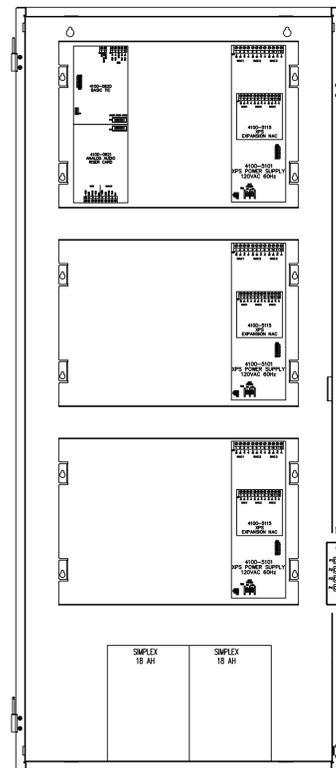


MODULE DESCRIPTION (QTY)  
 4100-9111: CPU/MASTER POWER SUPPLY (1)  
 4100-1210: BASIC AUDIO W/MIC (1)  
 4100-6052: EVENT REPORTING DACT  
 4100-6038: DUAL RS232 CARD (1)  
 4100-6014: NETWORK INTERFACE CARD(1)  
 4100-1272: EXP. PHONE CONTROLLER (6)  
 4100-5101: EXP POWER SUPPLY, 3 NACS (1)  
 4100-5115: 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)



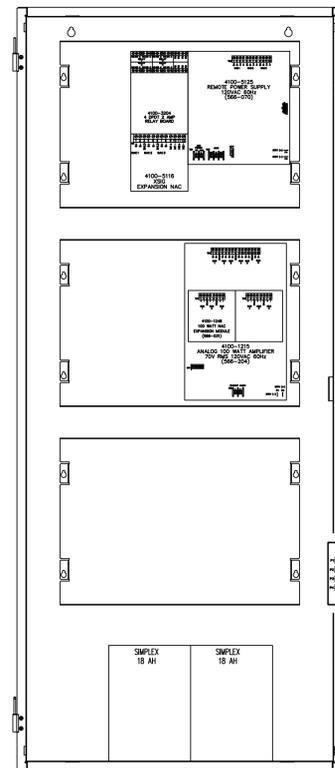
MODULE DESCRIPTION (QTY)  
 4100-9600: BASIC TRANSPONDER (1)  
 4100-0621: AUDIO RISER MODULE (1)  
 4100-5115: XPS NAC EXPANDER (1)  
 4100-5125: REMOTE POWER SUPPLY, 3 NAC (1)  
 4100-5101: EXPANSION POWER SUPPLY, 3 NAC (1)  
 4100-1315: 100 WATT AMP 6 NACS (1)

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 (COMMON LINE)
F	16GA TWISTED SHIELDED PAIR NPLF W/ 200VDC (HANDYNET)
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 (HANDYNET)
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  
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 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.	