GENERAL NOTES:

1. ABC

0	SMOKE DETECTOR
⊘s	SMOKE DETECTOR WITH SOUNDER BASE
O ISO	SMOKE DETECTOR WITH ISOLATOR BASE
①	HEAT DETECTOR
<u> </u>	DUCT DETECTOR
	ADDRESSABLE MANUAL PULL STATION
오	DOOR HOLDER
₽∯₽	FLOW DETECTOR/SWITCH
Ř	TAMPER DETECTOR
Τ	TEST STATION
R	MR101/C SHUTDOWN RELAY, SPDT W/RED
$\boxtimes \!\! \vee$	A/V (WALL MOUNTED) 24 VDC
×	STROBE
6	BELL ANNUNCIATOR
	HORN/SPEAKER
FCP	FIRE ALARM CONTROL PANEL
	FIREMAN'S PHONE
ARA	AREA RESCUE CALL STATION
ARA M	AREA RESCUE MASTER STATION
ZAMS	SIGNAL ZAM
ZAM C	CONTROL ZAM
ZAM DET	DETECTOR ZAM
IAM	MONITOR MODULE
IAM R	RELAY IAM
PC	GRAPHIC COMMAND CENTER
FAA	REMOTE FIRE ALARM AUDIO
FSA	REMOTE ANNUNCIATOR WITH AUDIO
ANN	ANNUNCIATOR
-FS-	FIRE SMOKE DAMPER
NAC	NAC POWER EXTENDER

SYMBOL	DESCRIPTION	REMARK
▼ D201/A	TELECOMMUNICATIONS OUTLET WITH ROOM AND TYPE IDENTIFIER	1
ightharpoons	TELECOMMUNICATIONS OUTLET WALL PHONE PLATE	2
<b>V</b> <sub>AV</sub>	AUDIO/VISUAL OUTLET	3
Tν	TELEVISION OUTLET	1
	EMT CONDUIT BY E/C (1 1/4" UNLESS NOTED OTHERWISE)	4
<del>-[]-</del>	EMT SLEEVE BY E/C (2" UNLESS NOTED OTHERWISE)	4
AFF	ABOVE FINISHED FLOOR	
T/C	TELECOMMUNICATIONS CONTRACTOR	
E/C	ELECTRICAL CONTRACTOR	
G/C	GENERAL CONTRACTOR	
AC	DEVICE LOCATED ABOVE COUNTER	
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR	
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR	
	TELECOMMUNICATIONS CABLING	5
FACP	FIRE ALARM CONTROL PANEL	
SM	SINGLEMODE FIBER	
MM	MULTIMODE FIBER	
WAP	WIRELESS ACCESS POINT	6

1 - 4x4 STEEL CITY BACKBOX, MODEL NUMBER 72171-1-1/4 W/ SINGLE GANG PLASTER RING AND 1 1/4" CONDUIT TO ABOVE ACCESSIBLE CEILING AS INDICATED ON DRAWINGS BY E/C. 2 - 2x4 BACKBOX WITH 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING. 3 - 4x4 STEEL CITY BACKBOX, MODEL NUMBER 72171-1-1/4 WITH DOUBLE GANG PLASTER RING BY E/C. CONDUITS AS INDICATED ON PLANS. 4 - E/C TO PROVIDE CONDUIT BUSHING ON CONDUIT PRIOR TO T/C INSTALLING CABLING. 5 - CABLING SHALL BE SUPPORTED WITH J-HOOKS AT 48" O.C. WHERE NOT IN CONDUIT. 6 - 2x4 SURFACE MOUNT BACKBOX LOCATED ABOVE ACCESSIBLE CEILING.

P-1	WATER CLOSET & TYPE (TYP. FOR ALL PLUMBING FIXTURES)	— CHS—	CHILLED HOT SUPPLY
++	WASTE LINE ABOVE EARTH (W.)	— CHR—	CHILLED HOT RETURN
	WASTE LINE IN EARTH (W.)		UNION
— <b>I</b> I CO	CLEAN OUT	<del></del>	FLEXIBLE PIPE CONNECTION
FFCO O	FLUSH FLOOR CLEAN OUT	<b>F</b>	MANUAL DAMPER
FGCO O	FLUSH GRADE CLEAN OUT	BD	BACKDRAFT DAMPER
2" (1) FD	FLOOR DRAIN AND TYPE	Z AD	AUTOMATIC DAMPER
—RD —	ROOF DRAIN	₹ FD	FIRE DAMPER
—ORD—	OVERFLOW ROOF DRAIN	FS	FIRE/SMOKE DAMPER
2" (1) RD	ROOF DRAIN AND TYPE	SD SD	SMOKE DAMPER
	VENT LINE (V.)	6x6 A 🖂	GRILLE, REGISTER OR DIFFUSER, SIZE, TYPE & CFM
	DOMESTIC COLD WATER SUPPLY (DCW)		VOLUME EXTRACTOR AND TURNING VANES
	DOMESTIC HOT WATER SUPPLY (DHW)		RETURN, EXHAUST OR FRESH AIR DUCT SECTION UP & DOV
	DOMESTIC HOT WATER RETURN (DHWR)		SUPPLY AIR DUCT SECTION UP AND DOWN
──+ HB/36"	HOSE BIBB AND MOUNTING HEIGHT		FLEXIBLE DUCT CONNECTION
<del>─</del> wh	WALL HYDRANT		ROUND OR RECTANGULAR DUCT
—-F—	FIRE LINE/STANDPIPE		FLEXIBLE DUCT
— D —	DRAIN LINE	P	THERMOSTAT
— G —	NATURAL GAS LINE	— R —	REFRIGERANT LIQUID/SUCTION
<del>-121 -13</del>	RISE & DROP IN PIPE WITH CUT-OFF VALVE	AD	ACCESS DOOR
	REDUCER	AFF	ABOVE FINISHED FLOOR
<b>→</b>	CHECK VALVE	EA	EXHAUST AIR
<b>→</b> ₩ <b>—</b>	STOP VALVE	OA	OUTSIDE AIR
—₩—	BALANCING VALVE/AUTOFLOW VALVE	RA	RETURN AIR
->>	PLUG VALVE	SA	SUPPLY AIR
——吳——	2-WAY CONTROL VALVE OR SOLENOID VALVE	VBS	VENT BELOW SLAB
<b>─────</b>	3-WAY CONTROL VALVE OR SOLENOID VALVE	VTR	VENT THRU ROOF
<b>—</b> ₫—	PRESSURE REDUCING VALVE	•	CONNECT NEW TO EXISTING
<u> </u>	STRAINER		LOCKABLE GUARD
—cws—	CHILLED WATER SUPPLY	VFD	VARIABLE FREQUENCY DRIVE
—CWR—	CHILLED WATER RETURN		
—HWS—	HOT WATER SUPPLY		
—HWR—	HOT WATER RETURN		

	ELECTRICAL SYMBOLS LEGEND									
	CONDUIT CONCEALED IN CEILING OR WALL	θ	THERMOSTAT							
/#\	CONDUIT CONCEALED IN FLOOR SLAB		LOCKABLE GUARD							
/-#-\	EXPOSED CONDUIT		JUNCTION BOX							
_	HOMERUN - ARROW INDICATES CKT., LINES INDICATE WIRES	\$	SWITCH - SINGLE POLE							
<b>→</b>	GROUND WIRE	3	SWITCH - 3-WAY							
— II·	GROUNDING ROD	\$ 4	SWITCH - 4-WAY							
ф	SINGLE RECEPTACLE	□ (A)	LIGHT FIXTURE AND TYPE							
þ	DUPLEX RECEPTACLE (20 AMP UNLESS NOTED)		EMERGENCY LIGHT FIXTURE WITH BATTERY PACK							
<b>þ</b> u	DUPLEX RECEPTACLE WITH USB OUTLETS		FIXTURE ON LIFE SAFETY BRANCH OF EMERGENCY SYSTEM							
<b>þ</b> sw	SWITCHED DUPLEX RECEPTACLE	어머	LIGHT FIXTURE (WALL MOUNTED)							
#	FOURPLEX RECEPTACLE	⊗⊗	EXIT LIGHT (CEILING OR WALL MOUNTED)							
ф	208 OR 240 VOLT RECEPTACLE (20 AMP UNLESS NOTED)		FLUSH PANELBOARD (LIGHT & RECEPTACLES)							
Ø	GROUND FAULT INTERRUPTER (GFI) DUPLEX RECEPTACLE		SURFACE PANELBOARD (LIGHT & RECEPTACLES)							
▼	TELE/DATA OUTLET *		DISTRIBUTION PANEL OR SWITCHBOARD							
8	PUSHBUTTON	AC	DEVICE LOCATED ABOVE COUNTER							
VFD	VARIABLE FREQUENCY DRIVE	AFF	ABOVE FINISHED FLOOR							
ORT	OVERRIDE TIMER	D	DIMMER							
PC	PHOTOCELL	Е	INDICATES EXISTING DEVICE							
Ó	MOTOR	EDF	ELECTRIC DRINKING FOUNTAIN							
2	FUSIBLE SWITCH (BUSSMAN SSU)	NL	NIGHTLIGHT FIXTURE, WIRED HOT							
9	DISCONNECT SWITCH (D.S.)	WP	WEATHERPROOF							
Ч⊠	COMBINATION MOTOR STARTER (CMS)	AFCI	ARC FAULT CIRCUIT INTERRUPTER							
R	RELAY	•	CONNECT NEW TO EXISTING							

## PARAGON STAR NORTH VILLAGE

3200 NW PARAGON PKWY LEE'S SUMMIT, MO 64081

Project No.: 18017,19050.07,19050.08

Date: 02.04.22

Issued For: GARAGE PERMIT

REVISIONS

REGISTRATION



**GBA ENGINEERS** 

LATIMER SOMMERS

PROJECT TEAM

ARCHITECT FINKLE+WILLIAMS ARCHITECTURE

CIVIL

LANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

PLUMBING

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

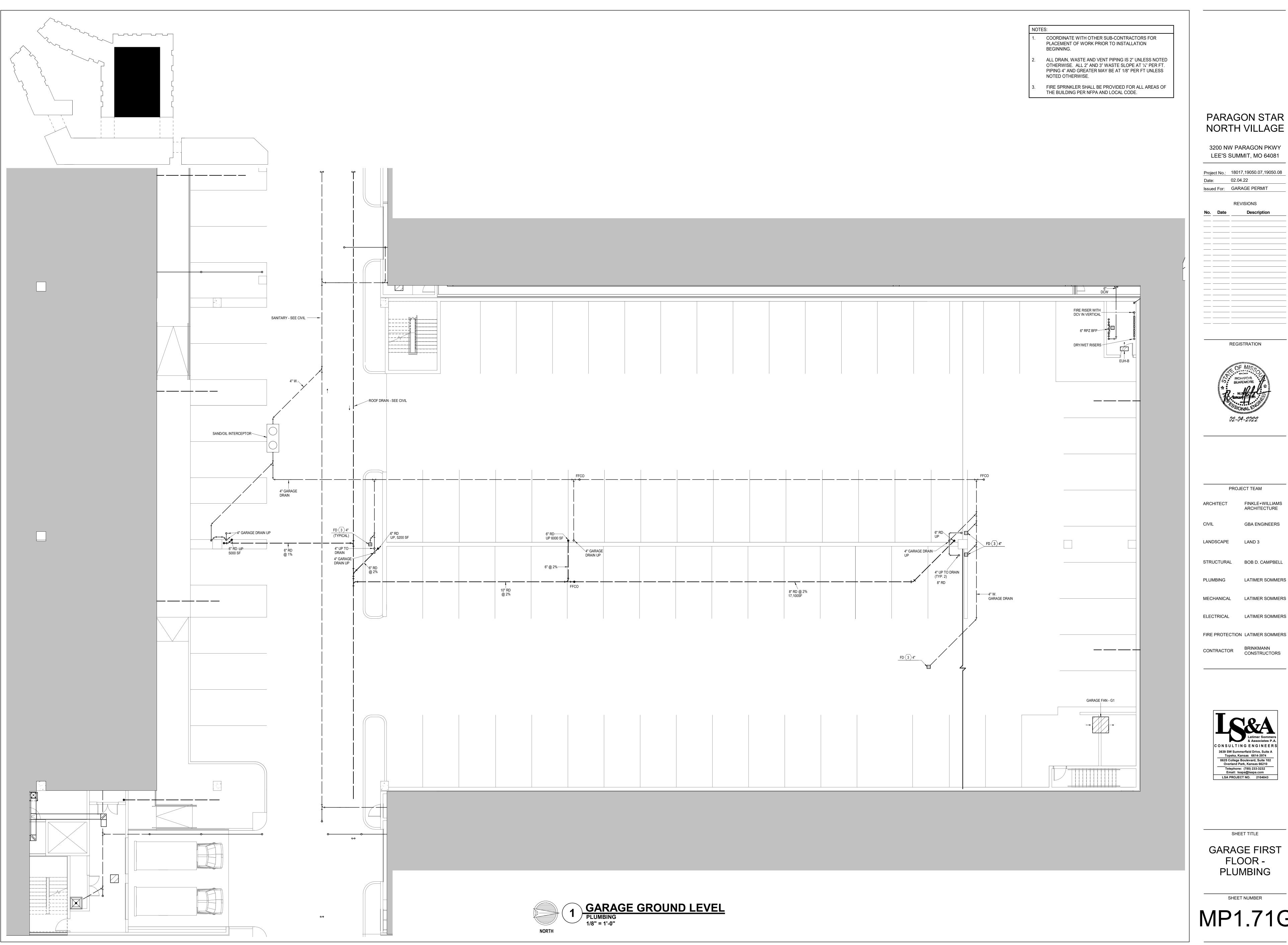
CONTRACTOR BRINKMANN CONSTRUCTORS



SHEET TITLE

COVER SHEET

SHEET NUMBER



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PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE

**GBA ENGINEERS** 

STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS

LATIMER SOMMERS MECHANICAL

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

SHEET TITLE

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8625 College Boulevard, Suite 102
Overland Park, Kansas 66210

Telephone: (785) 233-3232
Email: Isapa@Isapa.com
LSA PROJECT NO. 2104043

GARAGE FIRST FLOOR -PLUMBING

SHEET NUMBER

MP1.71G

UP TO DRAIN

6" RD UP/DN

4" W. GARAGE DRAIN UP/DN

6" RD— UP/DN

4" W. GARAGE DRAIN DN UP TO DRAIN

72"x48" LOUVER WITH BACKDRAFT DAMPER NOTES:

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.

4" W.—— UP TO DRAIN (TYP. 2) 2. ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE. ALL 2" AND 3" WASTE SLOPE AT 1/4" PER FT. PIPING 4" AND GREATER MAY BE AT 1/8" PER FT UNLESS NOTED OTHERWISE.

FIRE SPRINKLER SHALL BE PROVIDED FOR ALL AREAS OF THE BUILDING PER NFPA AND LOCAL CODE.

GARAGE FAN - G2

#### PARAGON STAR NORTH VILLAGE

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PROJECT TEAM

ITECT FINKLE+WILLIAMS ARCHITECTURE

**GBA ENGINEERS** 

LATIMER SOMMERS

\_ANDSCAPE LAND 3

ANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

ECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN
CONSTRUCTORS



SHEET TITLE

GARAGE SECOND FLOOR - PLUMBING

MP1.72G

ORTH

SARAGE 2

PLUMBING
1/8" = 1'-0"

UP TO GARAGE DRAIN

4" W. GARAGE DRAIN UP/DN

6" RD/ UP/DN

> 72"x48" LOUVER WITH BACKDRAFT DAMPER

NOTES:

6" RD—— UP/DN

COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.

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EXHAUST FAN - G3

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ARCHITECTURE

GBA ENGINEERS

SCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

IBING LATIMER SOMMERS

HANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

FIRE PROTECTION LATIMER SOMMERS

Latimer Sommers & Associates P.A.
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8625 College Boulevard, Suite 102
Overland Park, Kansas 66210
Telephone: (785) 233-3232
Email: Isapa@Isapa.com
LSA PROJECT NO. 2104043

SHEET TITLE

GARAGE THIRD FLOOR -PLUMBING

MP1.73G

ORTH

GARAGE 3

PLUMBING
1/8" = 1'-0"

UP TO DRAIN—

6" RD 4" W. UP/DN GARAGE DRAIN DN

6" RD— UP/DN

4" W. GARAGE DRAIN DN 4" W. GARAGE UP TO DRAIN DRAIN DN

NOTES:

1. COORD

COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.

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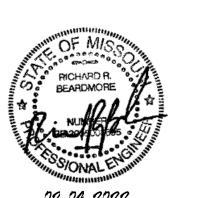
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ARCHITECTURE

IVIL GBA ENGINEERS

ANDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

BING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

CONTRACTOR BRINKMANN
CONSTRUCTORS



SHEET TITLE

GARAGE FOURTH FLOOR - PLUMBING

MP1.74G

1 GARAGE 4
PLUMBING
1/8" = 1'-0"

72"x48"
LOUVER WITH
BACKDRAFT DAMPER 6" RD UP TO DRAIN 6" RD
UP TO
DRAIN 6" RD UP TO RD FD \( \frac{3}{2} \) 4" EDGE OF SLAB

NOTES:

72"x72" EXHAUST LOUVER -WITH BACKDRAFT DAMPER

EDGE OF SLAB

1. COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.

 ALL DRAIN, WASTE AND VENT PIPING IS 2" UNLESS NOTED OTHERWISE. ALL 2" AND 3" WASTE SLOPE AT 1/4" PER FT. PIPING 4" AND GREATER MAY BE AT 1/8" PER FT UNLESS NOTED OTHERWISE.

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CHITECT FINKLE+WILLIAMS

ARCHITECTURE

IVIL GBA ENGINEERS

LANDSCAPE LAND 3

INDOONIE EAND O

STRUCTURAL BOB D. CAMPBELL

MBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

CONTRACTOR BRINKMANN CONSTRUCTORS

FIRE PROTECTION LATIMER SOMMERS



SHEET TITLE

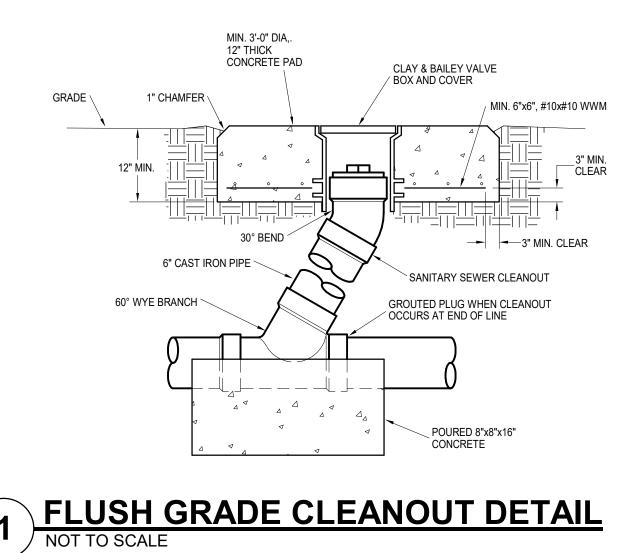
GARAGE FIFTH FLOOR -PLUMBING

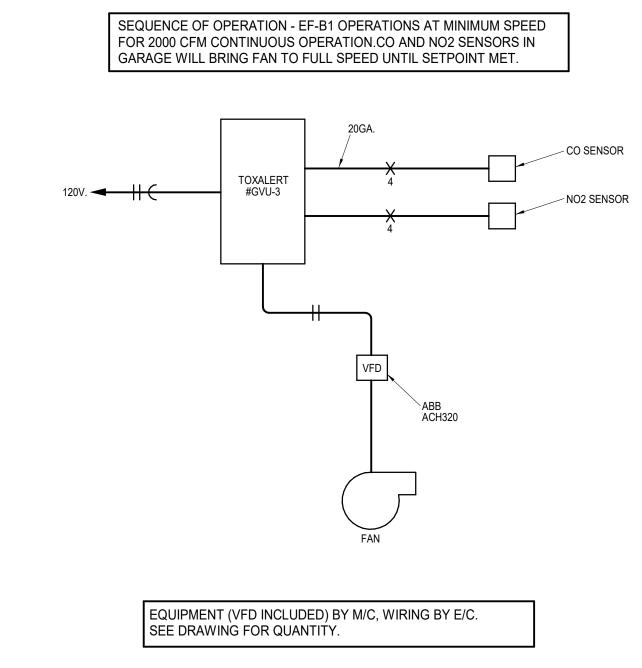
MP1.75G

1 GARAGE 5
PLUMBING
1/8" = 1'-0"

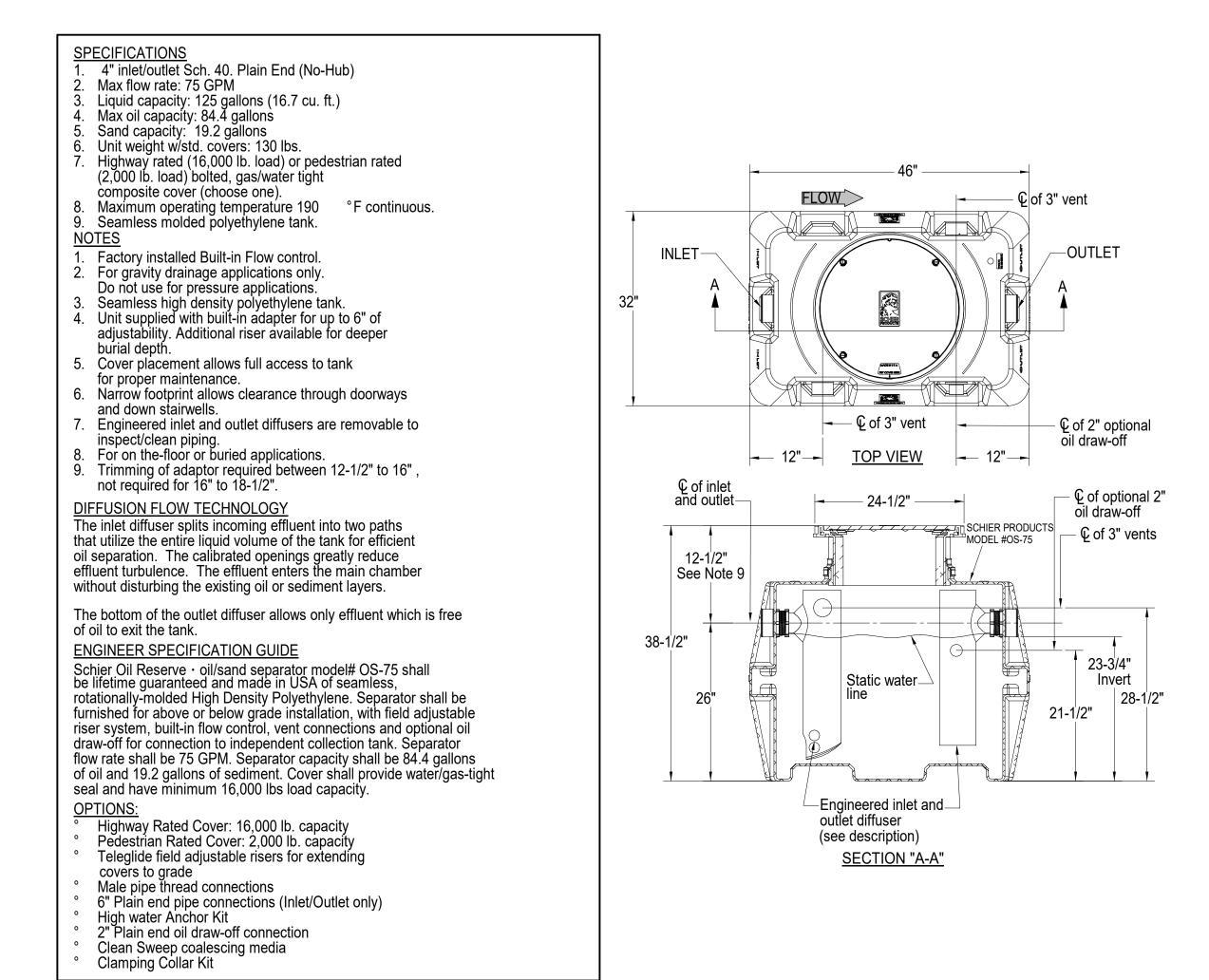
6000 SF

FD 3 6" 5200 SF





2 PARKING GARAGE FAN CONTROL DETAIL
NOT TO SCALE



# 3 SAND/OIL SEPERATOR DETAIL NOT TO SCALE

1-BD DAMPER, CO/NO2 SENSING SYSTEM, VFD, WALL COLLAR, BACK GUARD

EXHAUST FAN SCHEDULE												
								ELECTRICAL				
MARK	MFGR	MODEL	CFM	ESP	FAN HP	VOLTS/ PH	FLA	ОСР	WIRING	CONFIGURATION - NOTES		
EF-G1, G2, G3	GREENHECK	SB-2L48-30	25000	0.25	3.00	208/3	8	15	(3) #12	sidewall, 1		
EF-G1, G2, G3	GREENHECK	SB-2L48-30	25000	0.25	3.00	208/3	8	F	15	15 (3) #12		

PARAGON STAR NORTH VILLAGE

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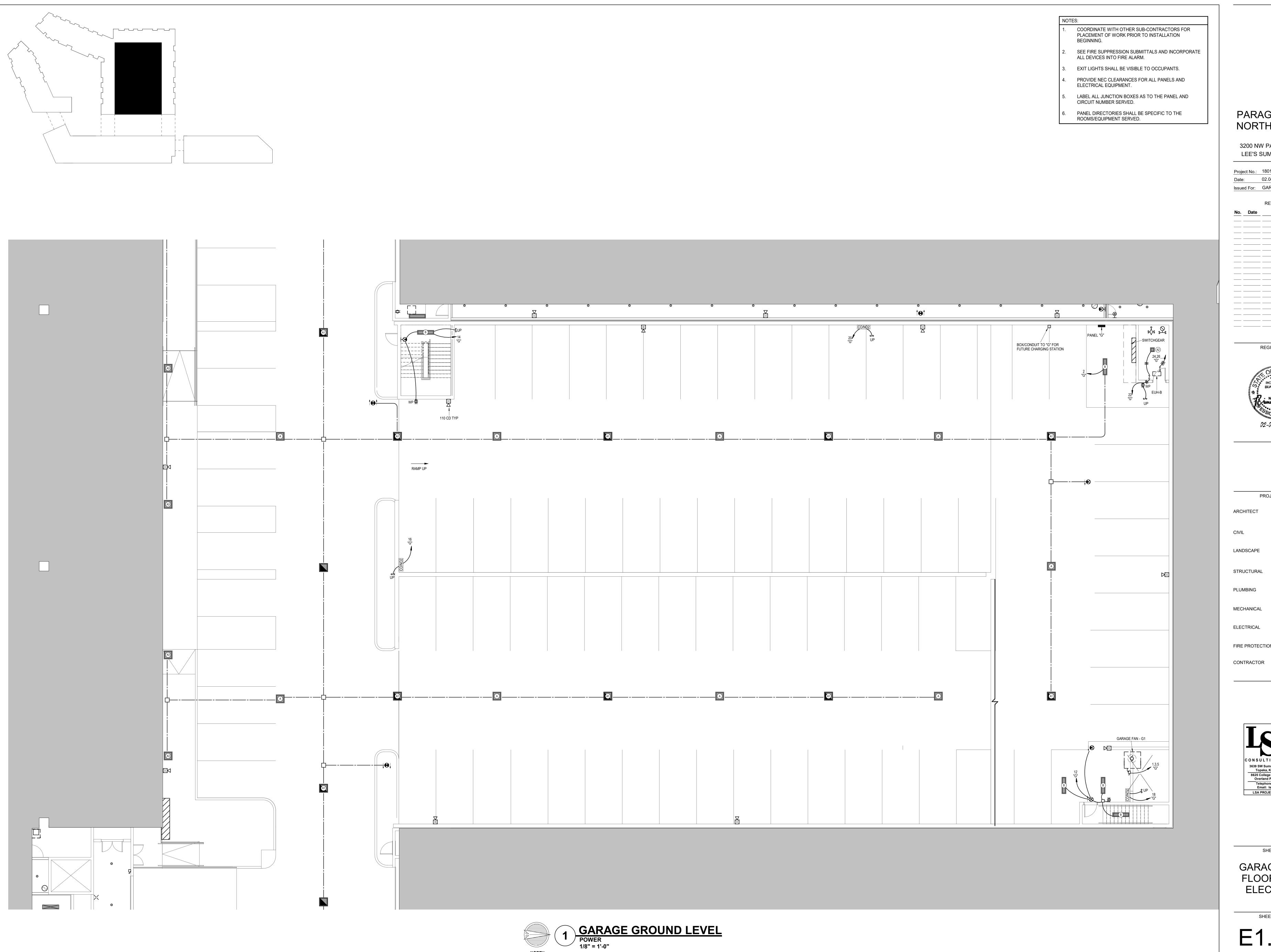
PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE **GBA ENGINEERS** LANDSCAPE LAND 3 STRUCTURAL BOB D. CAMPBELL LATIMER SOMMERS PLUMBING MECHANICAL LATIMER SOMMERS ELECTRICAL LATIMER SOMMERS FIRE PROTECTION LATIMER SOMMERS CONTRACTOR BRINKMANN CONSTRUCTORS



SHEET TITLE

MECHANICAL DETAILS/SCHEDULES

SHEET NUMBER



PARAGON STAR NORTH VILLAGE

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REGISTRATION

PICHARD R.
BEARDMORE
NUMBER
SIGNAL

PROJECT TEAM

T FINKLE+WILLIAMS ARCHITECTURE

IL GBA ENGINEERS

NDSCAPE LAND 3

STRUCTURAL BOB D. CAMPBELL

UMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

RACTOR BRINKMANN CONSTRUCTORS



SHEET TITLE

GARAGE FIRST FLOOR PLAN -ELECTRICAL

SHEET NUMBER

E1.71G

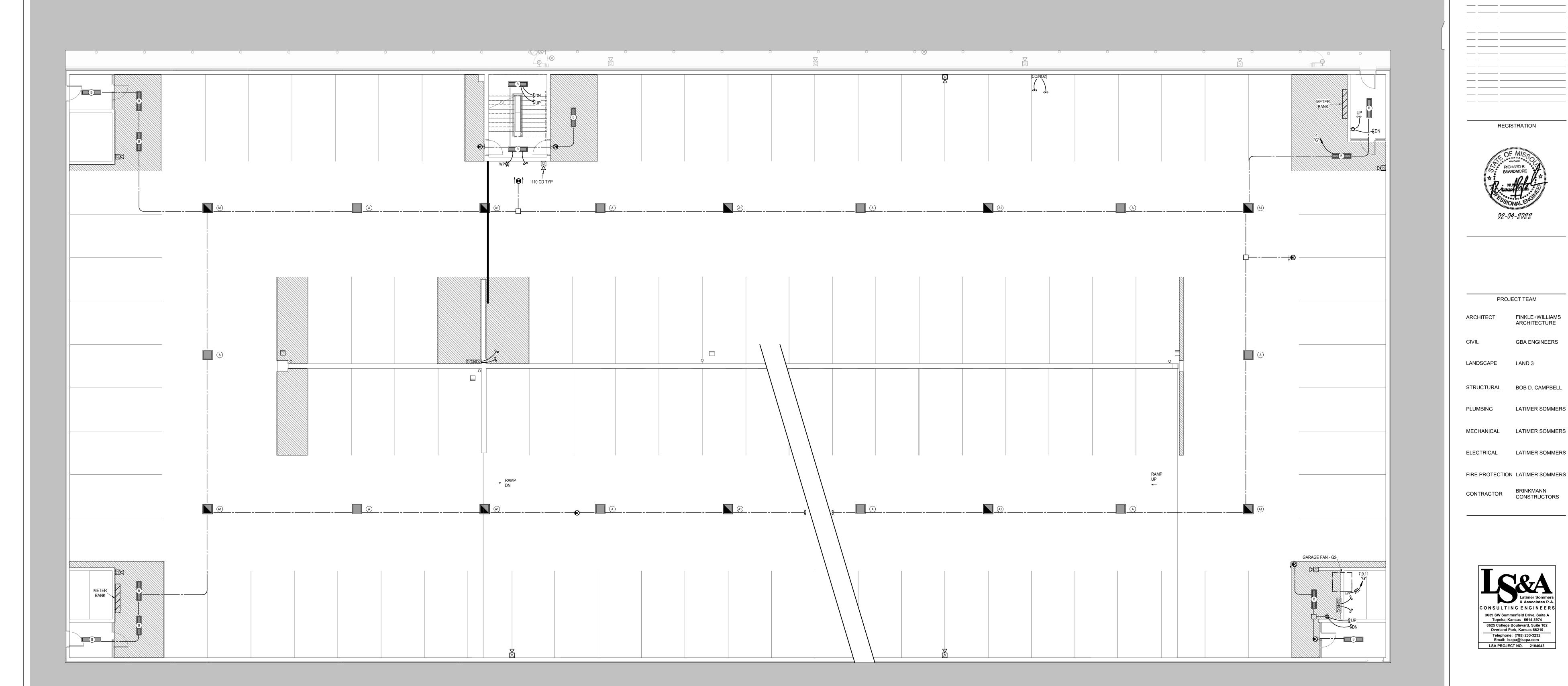
\_\_\_\_

- COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
- SEE FIRE SUPPRESSION SUBMITTALS AND INCORPORATE ALL DEVICES INTO FIRE ALARM.
- EXIT LIGHTS SHALL BE VISIBLE TO OCCUPANTS.
- PROVIDE NEC CLEARANCES FOR ALL PANELS AND

ELECTRICAL EQUIPMENT.

- LABEL ALL JUNCTION BOXES AS TO THE PANEL AND
- CIRCUIT NUMBER SERVED.

PANEL DIRECTORIES SHALL BE SPECIFIC TO THE ROOMS/EQUIPMENT SERVED.





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FINKLE+WILLIAMS ARCHITECTURE

**GBA ENGINEERS** 

STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS

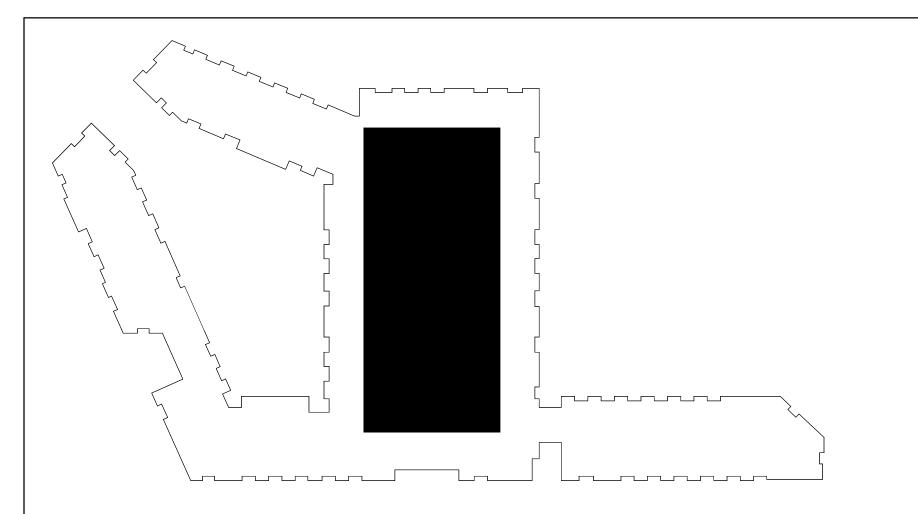
CONTRACTOR BRINKMANN CONSTRUCTORS



SHEET TITLE GARAGE SECOND FLOOR PLAN -ELECTRICAL

SHEET NUMBER

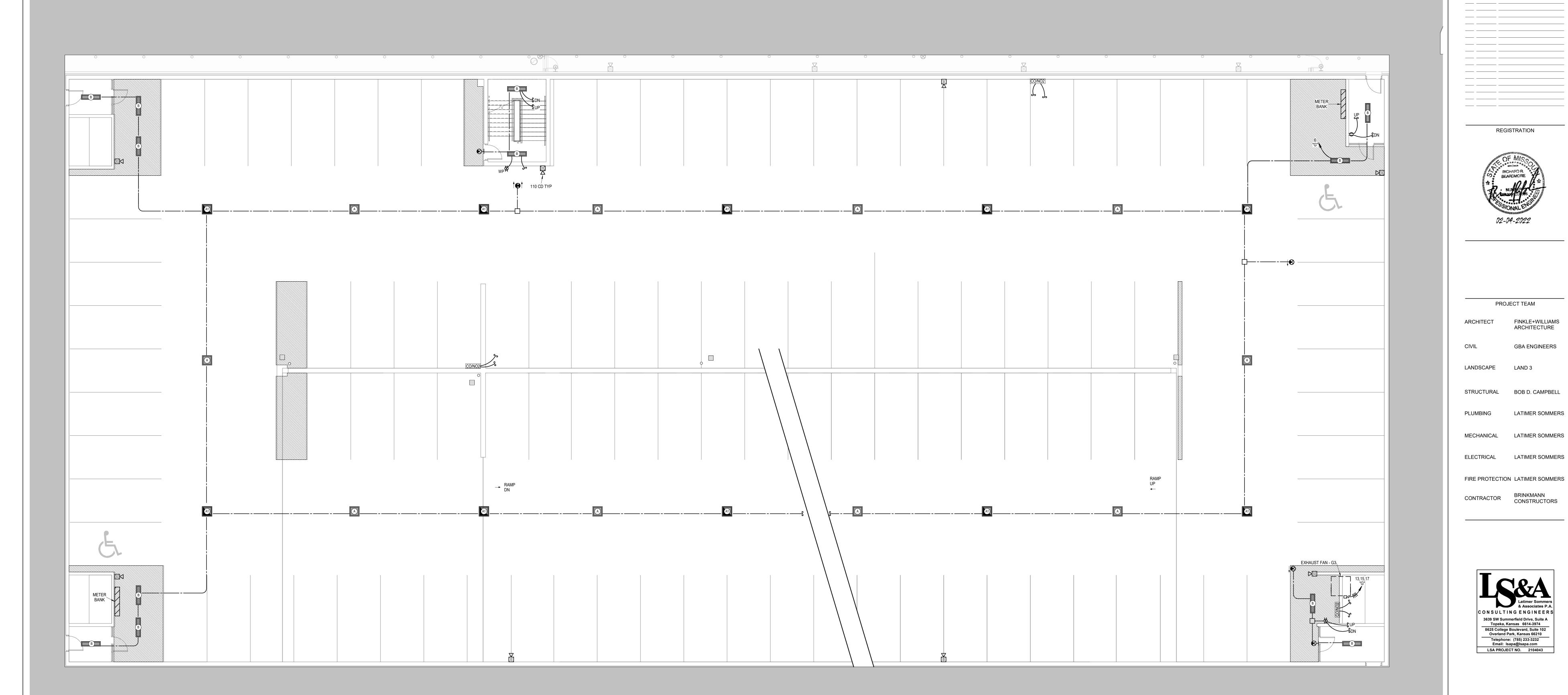
E1.72G



- COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
- SEE FIRE SUPPRESSION SUBMITTALS AND INCORPORATE ALL DEVICES INTO FIRE ALARM.
- EXIT LIGHTS SHALL BE VISIBLE TO OCCUPANTS.
- PROVIDE NEC CLEARANCES FOR ALL PANELS AND
- ELECTRICAL EQUIPMENT. LABEL ALL JUNCTION BOXES AS TO THE PANEL AND

CIRCUIT NUMBER SERVED.

PANEL DIRECTORIES SHALL BE SPECIFIC TO THE ROOMS/EQUIPMENT SERVED.





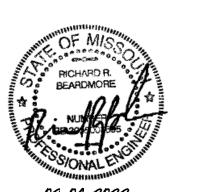
PARAGON STAR NORTH VILLAGE

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FINKLE+WILLIAMS ARCHITECTURE

**GBA ENGINEERS** 

STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

BRINKMANN CONSTRUCTORS CONTRACTOR



SHEET TITLE

**GARAGE THIRD** FLOOR PLAN -ELECTRICAL

SHEET NUMBER

E1.73G

B

COORDINATE WITH OTHER SUB-CONTRACTORS FOR PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.

- 2. SEE FIRE SUPPRESSION SUBMITTALS AND INCORPORATE ALL DEVICES INTO FIRE ALARM.
- 3. EXIT LIGHTS SHALL BE VISIBLE TO OCCUPANTS.
- 4. PROVIDE NEC CLEARANCES FOR ALL PANELS AND

ELECTRICAL EQUIPMENT.

RAMP UP

- 5. LABEL ALL JUNCTION BOXES AS TO THE PANEL AND CIRCUIT NUMBER SERVED.
- PANEL DIRECTORIES SHALL BE SPECIFIC TO THE

PANEL DIRECTORIES SHALL BE SPECIFIC TO THE ROOMS/EQUIPMENT SERVED.

NORTH VILLAGE
3200 NW PARAGON PKWY

PARAGON STAR

Project No.: 18017,19050.07,19050.08

Date: 02.04.22

LEE'S SUMMIT, MO 64081

Issued For: GARAGE PERMIT

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PROJECT TEAM

T FINKLE+WILLIAMS
ARCHITECTURE

GBA ENGINEERS

STRUCTURAL BOB D. CAMPBELL

PLUMBING LATIMER SOMMERS

MECHANICAL LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS
FIRE PROTECTION LATIMER SOMMERS

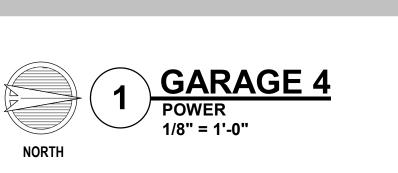
CONTRACTOR BRINKMANN CONSTRUCTORS



GARAGE
FOURTH FLOOR
PLAN ELECTRICAL

SHEET NUMBER

E1.74G



RAMP DN ----

\_\_\_\_

COORDINATE WITH OTHER SUB-CONTRACTORS FOR

- PLACEMENT OF WORK PRIOR TO INSTALLATION BEGINNING.
- SEE FIRE SUPPRESSION SUBMITTALS AND INCORPORATE ALL DEVICES INTO FIRE ALARM.
- EXIT LIGHTS SHALL BE VISIBLE TO OCCUPANTS.
- PROVIDE NEC CLEARANCES FOR ALL PANELS AND
- ELECTRICAL EQUIPMENT. LABEL ALL JUNCTION BOXES AS TO THE PANEL AND

CIRCUIT NUMBER SERVED.

PANEL DIRECTORIES SHALL BE SPECIFIC TO THE ROOMS/EQUIPMENT SERVED.

PARAGON STAR NORTH VILLAGE

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LEE'S SUMMIT, MO 64081

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PROJECT TEAM FINKLE+WILLIAMS ARCHITECTURE

**GBA ENGINEERS** 

STRUCTURAL BOB D. CAMPBELL

LATIMER SOMMERS

ELECTRICAL LATIMER SOMMERS

FIRE PROTECTION LATIMER SOMMERS CONTRACTOR BRINKMANN CONSTRUCTORS

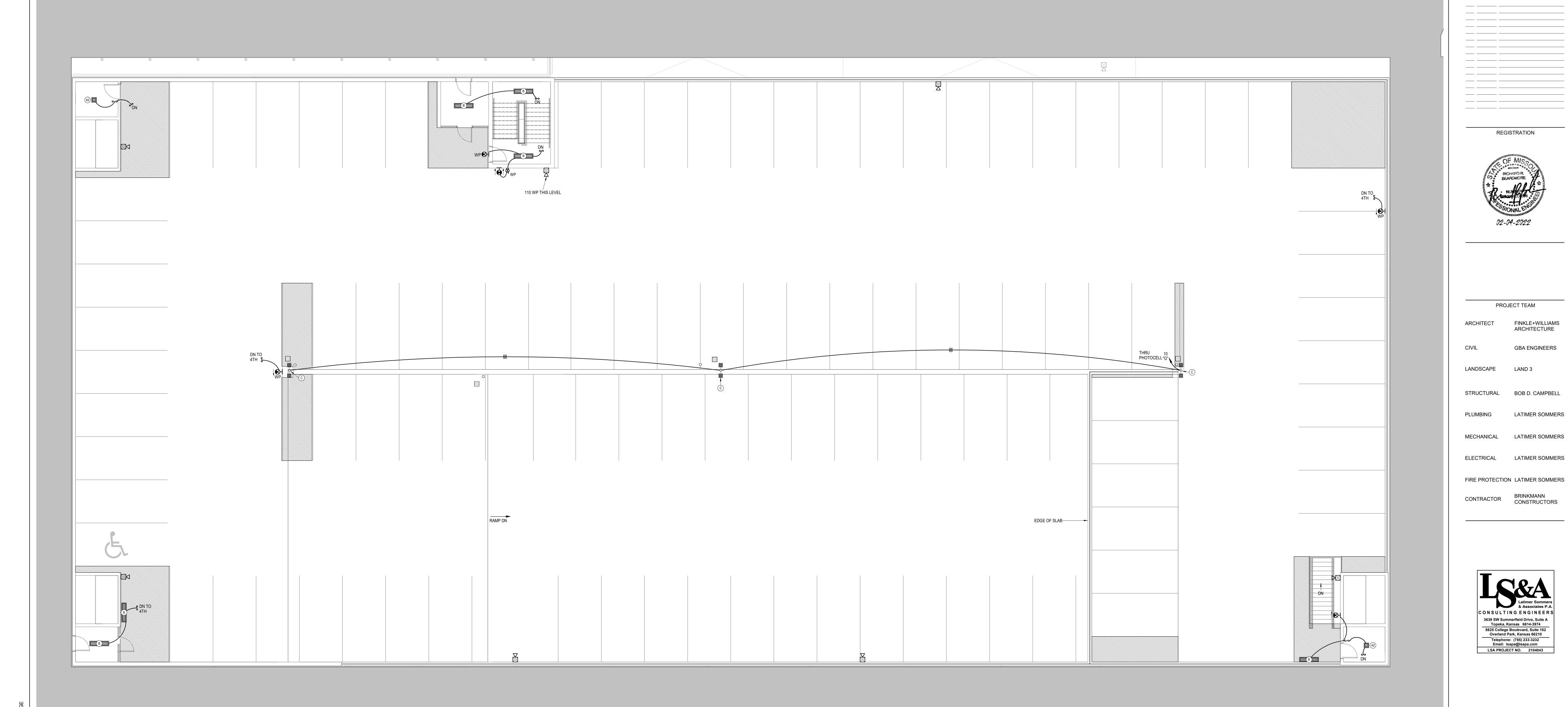


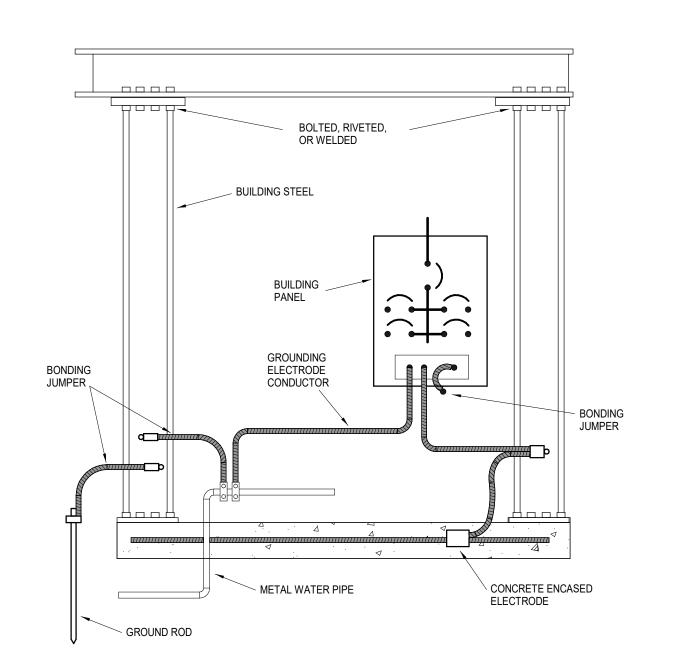
SHEET TITLE

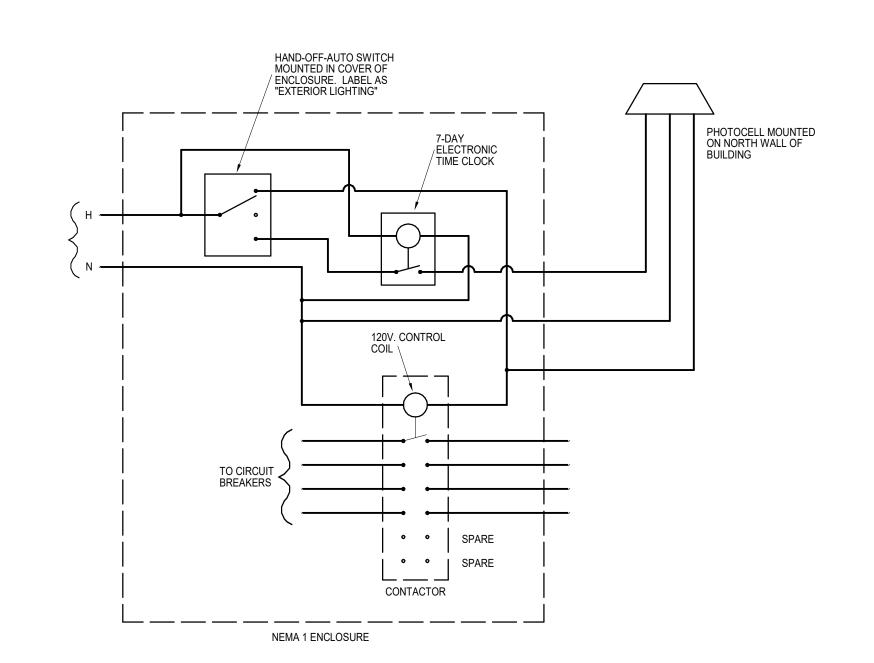
GARAGE FIFTH FLOOR PLAN -ELECTRICAL

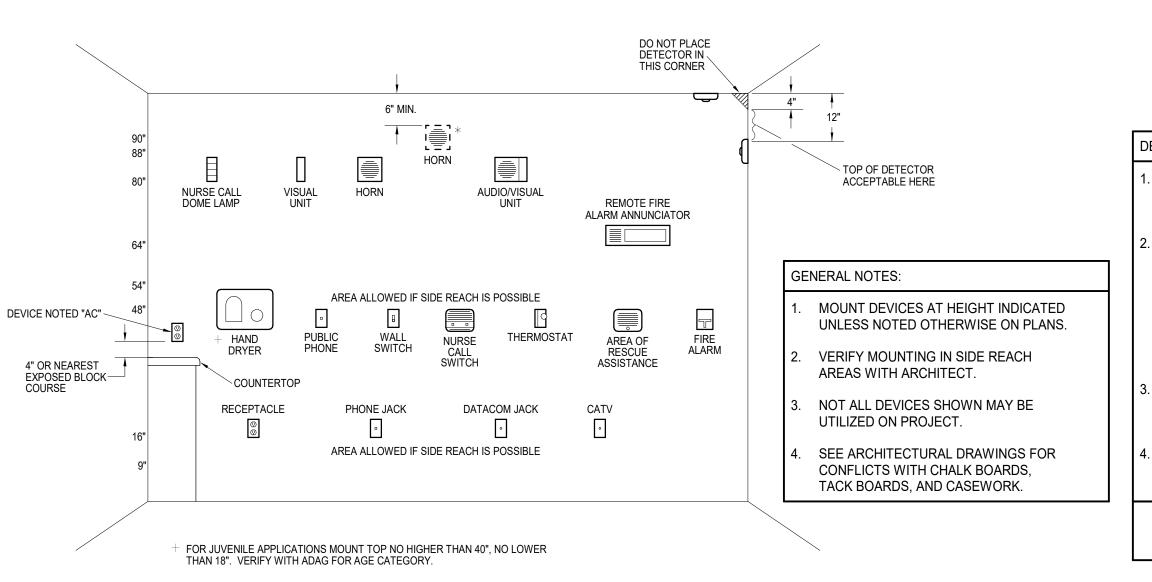
SHEET NUMBER

E1.75G









DEVICE MOUNTING NOTES: VISUAL UNIT DEVICE BOTTOM 80" ABOVE HIGHEST FLOOR LEVEL OR TOP 6" BELOW CEILING; WHICHEVER IS LOWER. **AUDIO UNIT** DEVICE BOTTOM 80" ABOVE HIGHEST FLOOR LEVEL OR TOP 6" BELOW CEILING; WHICHEVER IS LOWER. \* TOP OF UNIT NOT LESS THAN 90" ABOVE FLOOR AND NOT LESS THAN 6" BELOW CEILING (NFPA) (BOTTOM

AT 88" WITH BLOCK COURSES). MOUNT AT NFPA HEIGHT ONLY IF REQUIRED BY LOCAL AHJ. AUDIO/VISUAL UNIT

DEVICE BOTTOM 80" ABOVE HIGHEST FLOOR LEVEL OR TOP 6" BELOW CEILING; WHICHEVER IS LOWER. **PULL STATION** HIGHEST OPERABLE PART SHALL NOT BE MORE THAN

48" ABOVE THE FLOOR (FRONT APPROACH). ELECTRICAL DEVICE MOUNTING HEIGHTS SHALL CONFORM TO THE LATEST EDITION OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN.

GROUNDING ELECTRODE SYSTEM DETAIL
NOT TO SCALE

2 EXTERIOR LIGHTING CONTROL PANEL SCHEMATIC
NOT TO SCALE

Garage Light

Garage Light

Surface Globe

Double head Pole

Exit - waterproof

Royal Pacific

Royal Pacific

McGraw Edison

44310B-60-MS

44310B-60-MS

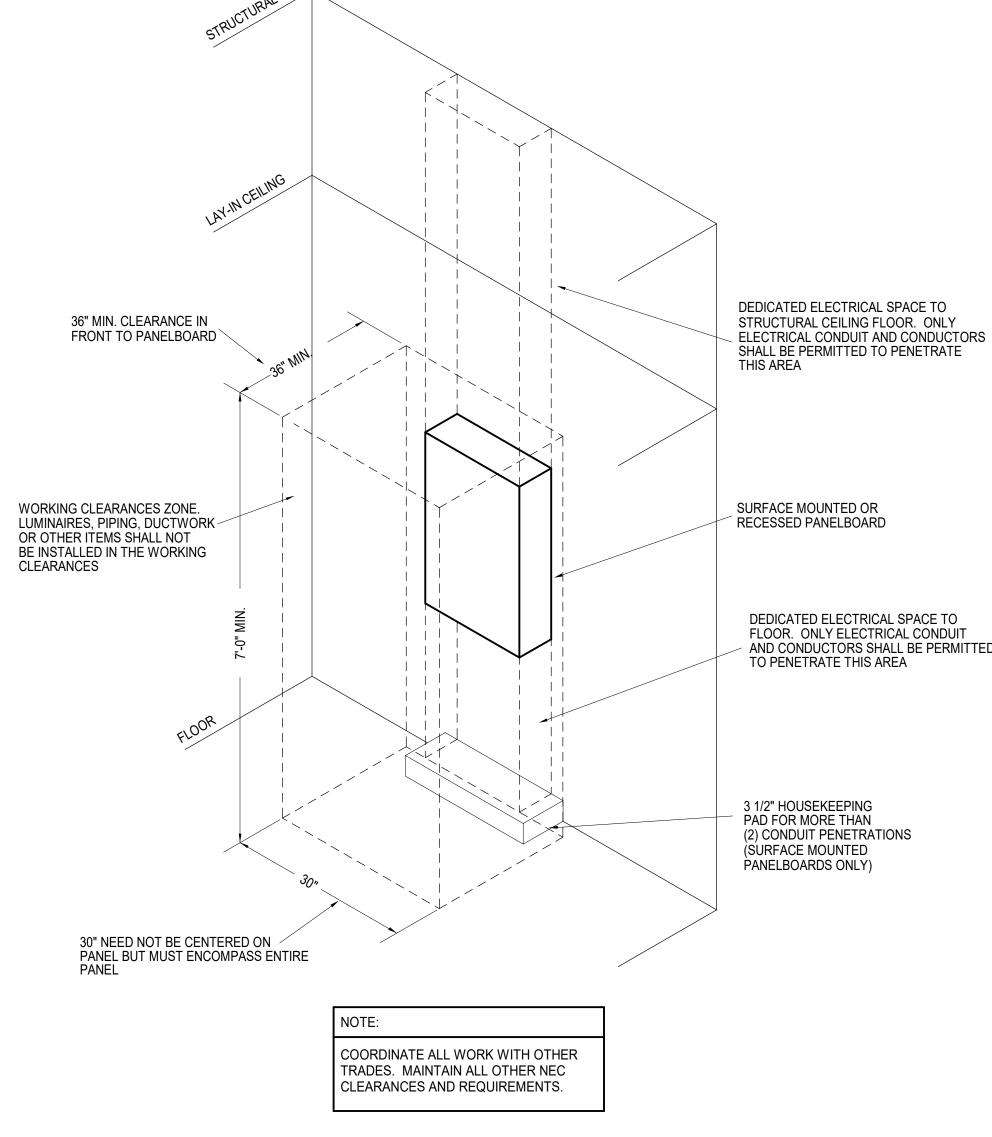
WLTE-W-1R-EL

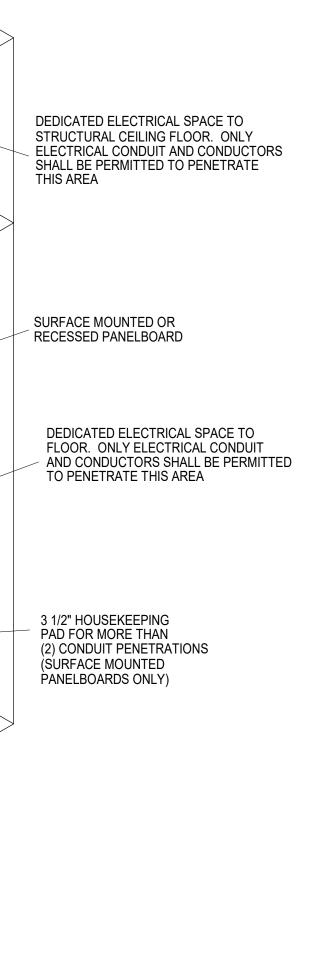
LDN4CYL-40/LO4/AR/LSS/fcm

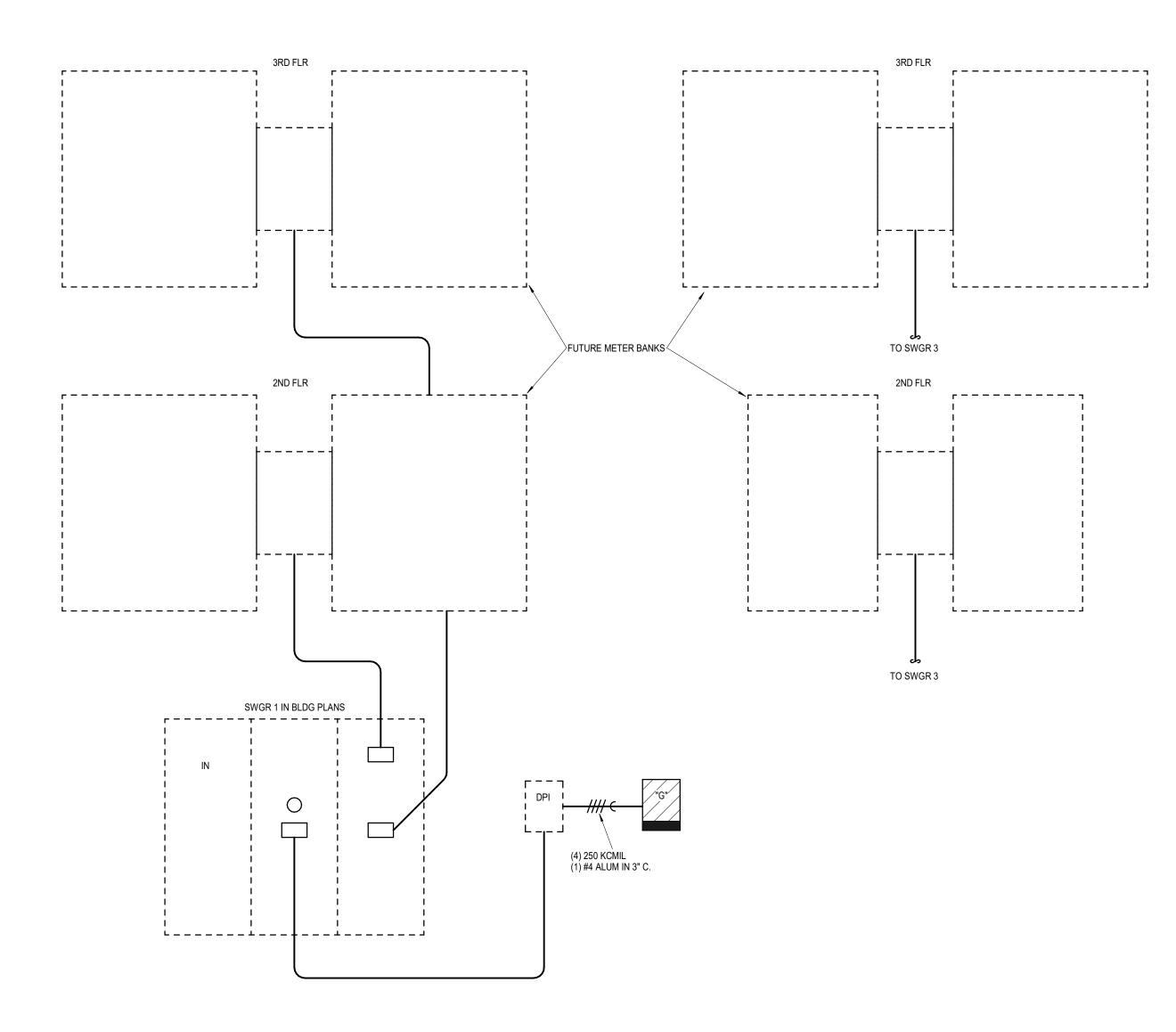
(2) GLEON-SA2C-740-U-5WQ

MNSL-L46 1LL MVOLt 40k

# 3 ELECTRICAL DEVICE MOUNTING HEIGHTS NOT TO SCALE







Luminaire Schedule

surface

surface

surface

jb/surface

60W 4000K

60W 4000K

1000 Lumen 4000K 10W

20W 4000K LED

with 50% motion dimming

with 50% motion dimming/battery

PANEL: G			LOCATION:							MOUNTING: SURFACE			
BUS: 225 A	MAINS: MLO			VOLTAGE: 120/208 PHASE/WIRE:						/WIRE:	3/4		KAIC: 10
	WATTS				POI	POLE			WATTS				
DESCRIPTION	Α	В	С	BRKR	WIRE			WIRE	BRKR	Α	В	С	DESCRIPTION
GARAGE EF	1300			15	12	1	2	12	20	1600			LIGHTING
		1300			12	3	4	12	20		1600		LIGHTING
			1300	3P	12	5	6	12	20			1600	LIGHTING
GARAGE EF	1300			15	12	7	8	12	20	1600			LIGHTING
		1300			12	9	10	12	20		900		LIGHTING
			1300	3P	12	11	12	12	20			1400	LTS/RECEPT
GARAGE EF	300			15	12	13	14	12	20	1400			LTS/RECEPT
		1300			12	15	16	12	20		200		CO SENSOR
			1300	3P	12	17	18	12	20			200	CO SENSOR
SPARE				20		19	20	12	20	200			CO SENSOR
SPARE				20		21	22	12	20		800		LTS/RECEPT
SPARE				20		23	24	10	30			2800	EUH-B
SPACE						25	26	10	2P	2800			
SPACE						27	28						SPACE
SPACE						29	30						SPACE
SPACE						31	32						SPACE
SPACE						33	34						SPACE
SPACE						35	36						SPACE
SPACE						37	38						SPACE
SPACE						39	40						SPACE
SPACE						41	42						SPACE
CONNECTED LOAD-WATTS	10500	7400	9900							FEEDER	LOAD-WAT	TS	
CONNECTED LOAD-AMPS	88	62	83							FEEDER	LOAD-AMPS	3	
CONTINUOUS LOAD										FEEDER	WIRE		
RECEPTACLES										FEEDER	OCP		

4 TYPICAL PANELBOARD INSTALLATION DETAIL
NOT TO SCALE

5 GARAGE ELECTRICAL RISER DIAGRAM
NOT TO SCALE

Project No.: 18017,19050.07,19050.08 Issued For: GARAGE PERMIT REVISIONS

PARAGON STAR

NORTH VILLAGE

3200 NW PARAGON PKWY

LEE'S SUMMIT, MO 64081

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE **GBA ENGINEERS** 

LANDSCAPE STRUCTURAL BOB D. CAMPBELL

MECHANICAL LATIMER SOMMERS

PLUMBING

ELECTRICAL

CONTRACTOR

LATIMER SOMMERS

LATIMER SOMMERS

CONSTRUCTORS

FIRE PROTECTION LATIMER SOMMERS



SHEET TITLE

ELECTRICAL DETAILS/SCHEDULES

> SHEET NUMBER E3.01