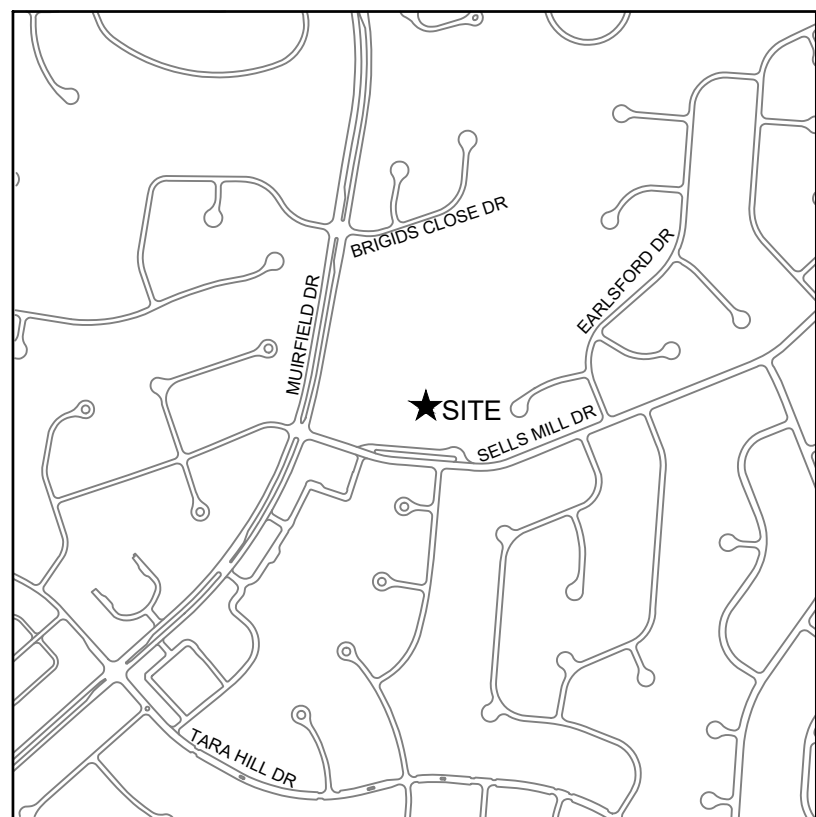


DUBLIN CITY SCHOOLS

2026 ELEVATOR REPLACEMENT PROJECT

SCOTTISH CORNERS ELEMENTARY SCHOOL

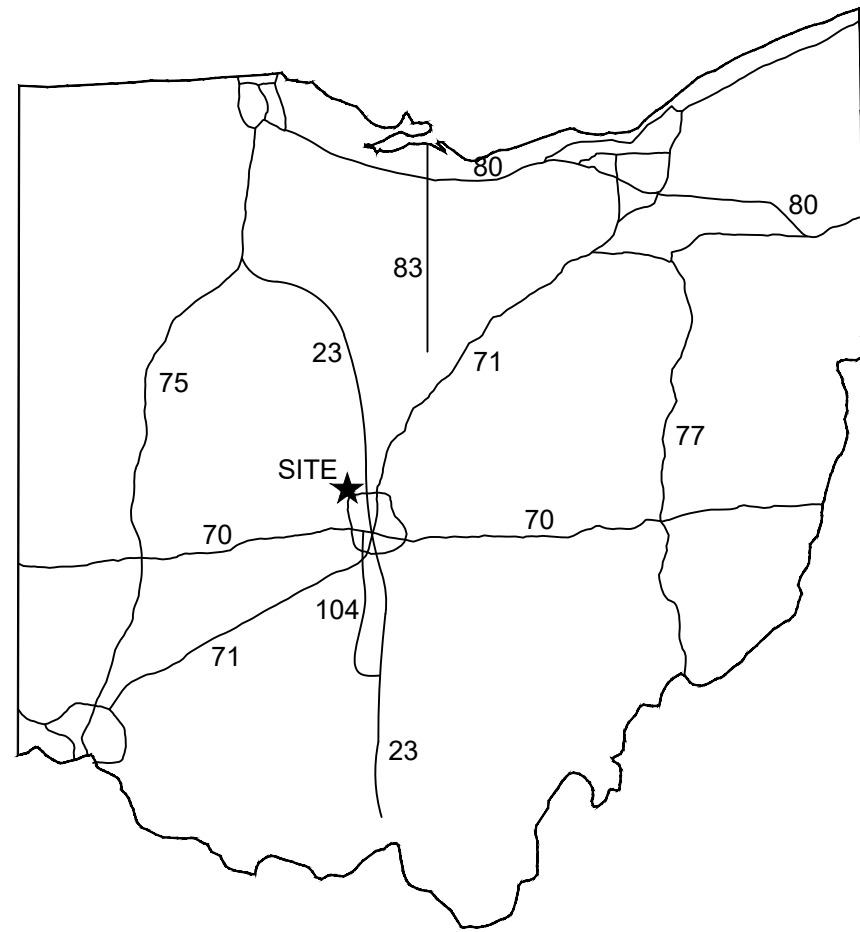
PREPARED FOR:
DUBLIN CITY SCHOOLS
6371a SHIER RINGS RD
DUBLIN, OH 43017



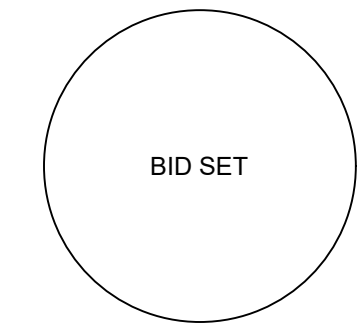
LOCATION MAP
SCALE: NTS

DRAWING INDEX	
SHEET NUMBER	SHEET NAME
G001	TITLE SHEET
G101	ELEVATOR PLAN
M101	MECHANICAL PLAN
E101	ELECTRICAL PLAN

BUILDING CODE INFORMATION	
PROJECT OVERVIEW: MODERNIZATION OF AN EXISTING 2 STOP HYDRAULIC ELEVATOR INVOLVING REPLACEMENT OF PUMP UNIT, CONTROLS, AND FINISH UPGRADES.	
DESIGNED PER: 2024 OHIO BUILDING CODE 2024 OHIO MECHANICAL CODE 2024 OHIO PLUMBING CODE 2023 NFPA 70 NATIONAL ELECTRIC CODE 2019 ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS	
USE GROUP	E
CONSTRUCTION TYPE	2B
NO. STORIES	2
BUILDING SPRINKLER	NFPA 13
BUILDING FIRE ALARM SYSTEM	NFPA 72
FIRE DETECTION SYSTEM	NO
SMOKE DETECTION SYSTEM	NO



VICINITY MAP
SCALE: NTS



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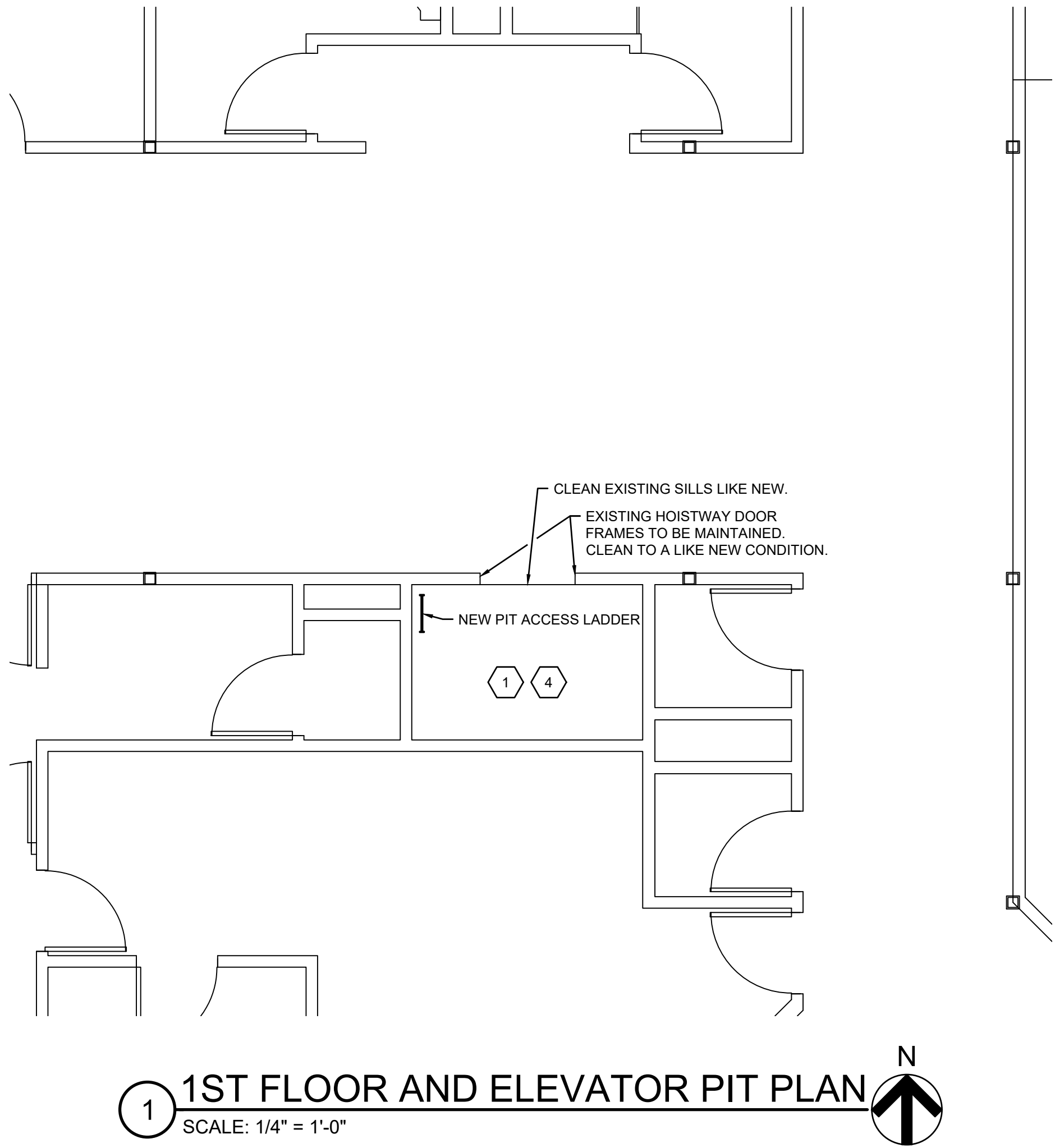
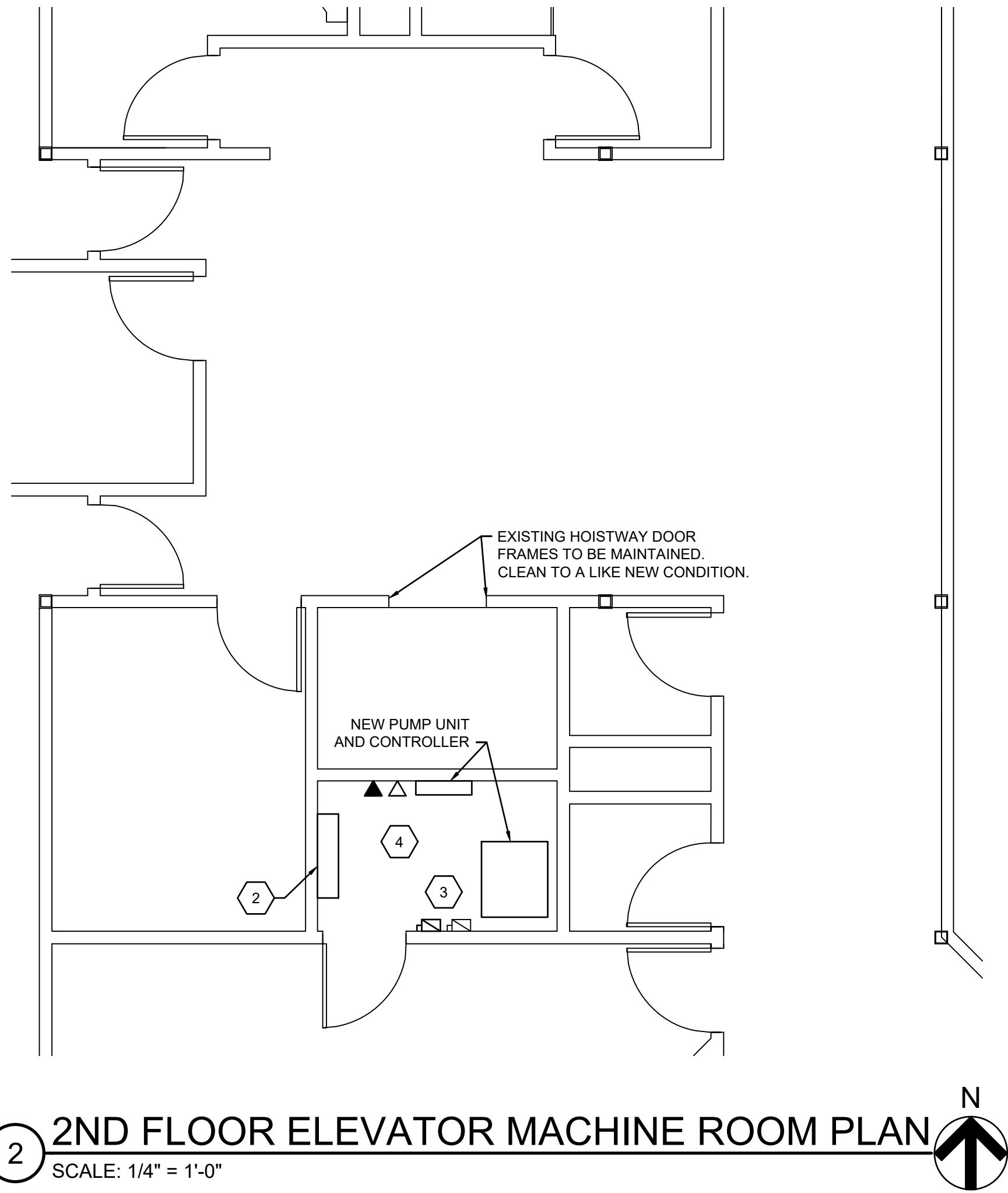


DUBLIN CITY SCHOOLS
2026 ELEVATOR REPLACEMENT PROJECT
SCOTTISH CORNERS ELEMENTARY SCHOOL
5950 SELLS MILL DR
DUBLIN, OHIO 43017

NO.	DATE	DESCRIPTION
SUBMITTED:	02-12-2026	
DRAWN BY:	DCS	
KRAMER JOB #	2025-156	

TITLE SHEET

G001



ELEVATOR SCOPE OF WORK

THE GENERAL SCOPE OF WORK INVOLVES REPLACEMENT OF POWER UNIT AND CONTROLS OF AN EXISTING HYDRAULIC ELEVATOR (STATE ID: 29466). ORIGINAL INSTALL 1987; OTIS. 2-STOP, CAPACITY/SPEED TO BE MAINTAINED (2500LBS/100FPM). REFER TO BOOK SPECIFICATION SECTION 142401 FOR COMPLETE ELEVATOR SCOPE OF WORK. WORK INCLUDES, BUT NOT LIMITED TO:

- NEW CONTROLLER.
- NEW POWER UNIT.
- REPLACE DOORS AND OPERATORS.
- REWIRE CAB LIGHTS AND OTHER POWER TO ELEVATOR INCLUDING TRAVELING POWER FEED. THIS INCLUDES ALL WIRING BETWEEN CONTROLLER, ELEVATOR EQUIPMENT, AND STATIONS.
- TRAVELING DATA/PHONE LINE.
- CAR CONTROL PANEL, LIGHTS, AND EMERGENCY COMMUNICATION.
- HALL CONTROL STATIONS.
- COORDINATE TIE-IN OF ELEVATOR LOBBY/EQUIPMENT ROOM SMOKE DETECTORS AND TOP OF SHAFT HEAT DETECTOR FOR RECALL AND SHUTDOWN.

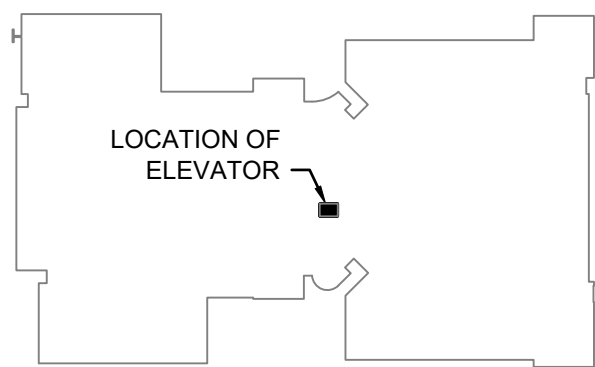
ELEVATOR CAR INTERIOR FINISHES

REFER TO BOOK SPECIFICATION SECTION 142401 FOR COMPLETE ELEVATOR SCOPE OF WORK. WORK INCLUDES, BUT NOT LIMITED TO:

- #4 SATIN FINISH STAINLESS STEEL RETURN AND DOOR SURROUND.
- UPPER WALL PANELS TO BE STAINLESS FRAMED WILSON ART #8209-12 VERANDA TEAK.
- LOWER WALL PANELS TO BE RIGIDIZED 1 SLG TEXTURED STAINLESS.
- HANDRAILS, BLANKET HOOKS, AND BLANKETS (ALL WALLS).
- #4 SATIN FINISH STAINLESS STEEL BASE AND REVEALS.
- SATIN FINISH ALUMINUM CEILING FRAME WITH #4 SATIN FINISH STAINLESS STEEL LAY IN PANELS AND SQUARE RECESS LED LIGHTING, 2700K.
- CLASS III HIGH PERFORMANCE LUXURY VINYL TILE 4.5 MM. COLOR INTERFACE TEXTURED STONES DARK CONCRETE.

CODED NOTES

1. CLEAN AND EPOXY PAINT PIT FLOOR AND WALLS UP TO THE LOWEST LANDING HOISTWAY SILL.
2. A NEW DUCTLESS SPLIT TO PROVIDE DEDICATED COOLING TO ELEVATOR MACHINE ROOM. REFER TO MECHANICAL SHEET M101.
3. PROVIDE ALL WIRING BETWEEN POWER FEED DISCONNECTS THRU CONTROLLER AND TO ALL ELEVATOR EQUIPMENT. THIS INCLUDES PHONE LINE, DATA LINE, AND INTERFACING WITH EXISTING FIRE ALARM FOR ELEVATOR RECALL AND SHUTDOWN. REFER TO ELECTRICAL SHEET E101.
4. PIT AND ELEVATOR MACHINE ROOM TO HAVE ALL NEW LIGHTING. REFER TO ELECTRICAL SHEET E101.



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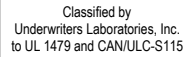


DUBLIN CITY SCHOOLS
2026 ELEVATOR REPLACEMENT PROJECT
SCOTTISH CORNERS ELEMENTARY SCHOOL
5950 SELLS MILL DR
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NO.	DATE	DESCRIPTION
SUBMITTED:	02-12-2026	
DRAWN BY:	DCS	
KRAMER JOB #	2025-156	

ELEVATOR PLAN

G101



CAN/ULC S115	
1, 1 and 2 Hr (See Items 1, 2 and 3)	FT Rating — 0 Hr
1, 1 and 2 Hr (See Items 1, 2 and 3)	FTH Rating — 0 Hr
at Ambient — Less Than 5.1 L/s/m ²	
at 204°C — Less Than 5.1 L/s/m ²	



1. Wall Assembly — The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs — Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of min 2 by 4 in. (51 to 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 2-1/2 in. (64 mm) wide and spaced max 24 in. (610 mm) OC. For M1 Rating and Items 2F and 2G, steel studs to be min 3-5/8 in. (92 mm) wide. When steel studs are used and the diam of opening exceeds the width of stud cavity, the opening shall be framed on all sides using lengths of steel stud installed between the vertical studs and screw-attached to the steel studs at each end. The framed opening in the wall shall be 4 to 6 in. (102 to 152 mm) wider and 4 to 6 in. (102 to 152 mm) higher than the diam of the penetrating item such that, when the penetrating item is installed in the opening, a 2 to 3 in. (51 to 76 mm) clearance is present between the penetrating item and the framing on all four sides.

B. Gypsum Board – 5/8 in. (16 mm) thick, 4 ft (122 cm) wide with square or tapered edges. The gypsum board is thick, resistance, number of layers, fastener type and sheet orientation shall be as specified in the individual ISO or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 32-1/4 in. (819 mm) for steel stud walls. Max diam of opening is 14-1/2 in. (368 mm) for wood stud walls.

The F and H Ratings of the firestop system are for the fire rating of the wall assembly. The M Rating is applicable only to 1 hr rated walls.

C. Two gaskets shall be used to provide fire resistance. The gaskets shall be used in the following manner:

1. The gasket for items 2A to 2E shall have a min 0 in. to max 2 1/4 in. (57 mm) thickness. These pipechairs may be installed with continuous joint contact.

2. The annular space for items 2F and 2G shall be min 0 in. to max 1 1/2 in. (38 mm). Pipe, conduit or tubing shall be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

A. Steel Pipe – Nom 30 in. (762 mm) diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. Iron Pipe — Nom 30 in. (762 mm) diam (or smaller) cast or ductile iron pipe.
C. Conduit — Nom 4 in. (102 mm) diam (or smaller) electrical metallic tubing or 6 in. (152 mm) diam steel conduit.
D. Copper Tubing — Nom 6 in. (152 mm) diam (or smaller) Type L (or heavier) copper tubing.
E. Copper Pipe — Nom 6 in. (152 mm) diam (or smaller) regular (or heavier) copper pipe.
F. Aluminum Pipe — Nom 2 in. (51 mm) diam (or smaller) Schedule 5 (or heavier) aluminum pipe for use in closed (process or supply) piping systems.
G. Aluminum Conduit — Nom 2 in. (51 mm) diam (or smaller) aluminum electric metallic tubing (EMT) or rigid aluminum conduit for use in

The hourly T Ratings of the firestop system are equal to 0 Hr when items 2A to 2E are used and equal to 1/2 Hr when items 2F and 2G are used. The hourly CAN F and FH Ratings are equal to 0 Hr when items 2F and 2G are used.

3.Fill. Void or Cavity Material" – Sealant – Min 5/8 in. (16 mm) thickness of fill material applied within the annulus, flush with both surfaces of wall. At the point or continuous contact locations between pipe and wall, a min 1/2 in. (13 mm) diam bead of fill material shall be applied at the pipe wall interface on both surfaces of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF HILTI INC – FS-ONE MAX Intumescent Sealant

The M Rating for the firestop system is dependent on the variables as noted in the Table 1 below.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



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February 03, 2025

CONTROLLER



SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE
	JUNCTION BOX
	DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
WP	WATER PROOF

FIXTURE NUMBER	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMP		VOLTS	REMARKS
				QTY.	TYPE		
A	4" GASKETED LED	LITHONIA	FEM-L48-6000LM-IMAFI-MD -MVOLT-GZ10-35K-80CRI	-	38W LED	120/277	OR EQUAL: COOPER OR COLUMBIA.

LOCATION: NOTED ON PLANS VOLTS: 208Y/120V
FED FROM: - PHASES: 3
MOUNTING: RECESSED WIRES: 4
ENCLOSURE: TYPE 1

AIC RATING: - **LEGEND:** * = GFIC BREAKER
MAINS TYPE: - ** = LOCK-ON BREAKER
MAINS RATING: 200A
MCB RATING: -

LEGEND: * = GFIC BREAKER
** = LOCK-ON BREAKER

NOTES: -

CKT	CIRCUIT DESCRIPTION	WIRE	TRIP	POLES	A	B	C	POLES	TRIP	WIRE	CIRCUIT DESCRIPTION	CKT	
1	LIGHTING	#12	20 A	1	900				1	20 A	#12 LIGHTING	2	
3	LIGHTING	#12	20 A	1		900	900		1	20 A	#12 LIGHTING	4	
5	LIGHTING	#12	20 A	1			900	900	1	20 A	#12 LIGHTING	6	
7	LIGHTING	#12	20 A	1	900	900			1	20 A	#12 LIGHTING	8	
9	LIGHTING	#12	20 A	1		900	900		1	20 A	#12 LIGHTING	10	
11	LIGHTING	#12	20 A	1			900	900	1	20 A	#12 LIGHTING	12	
13	LIGHTING	#12	20 A	1	900	900			1	20 A	#12 LIGHTING	14	
15	SPARE	-	20 A	1		-	-		1	20 A	- SPARE	16	
17	SPARE	-	20 A	1			-	-	1	20 A	- SPARE	18	
19	SPARE	-	20 A	1	-	-			1	20 A	- SPARE	20	
21	RECEPTACLES	#12	20 A	1		360	360		1	20 A	#12 RECEPTACLES	22	
23	RECEPTACLES	#12	20 A	1			360	360	1	20 A	#12 RECEPTACLES	24	
25	RECEPTACLES	#12	20 A	1	360	360			1	20 A	#12 RECEPTACLES	26	
27	RECEPTACLES	#12	20 A	1			360	360	1	20 A	#12 RECEPTACLES	28	
29	RECEPTACLES	#12	20 A	1			360	360	1	20 A	#12 RECEPTACLES	30	
31	RECEPTACLES	#12	20 A	1	360	360			1	20 A	#12 RECEPTACLES	32	
33	RECEPTACLES	#12	20 A	1			360	360	1	20 A	#12 RECEPTACLES	34	
35	SPARE	-	-	1			-	360	1	20 A	#12 RECEPTACLES	36	
37	RECEPTACLE	#12	20A	1	180	360			1	20 A	#12 RECEPTACLES	38	
39							915	-	1	20 A	- SPARE	40	
41	ELEVATOR MECH DUCTLESS SPLIT	#10	30 A	2				915	-	1	20 A	- SPARE	42
TOTAL LOAD:					7380 VA	6675 VA	6315 VA						

TOTAL AMPS:		62 A	56 A	53 A	
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
LIGHTING	- VA	100%	- VA		
RECEPTACLE	- VA	100%	- VA	TOTAL CONN. LOAD:	20370 VA
HVAC	- VA	100%	- VA	TOTAL EST. DEMAND:	- VA
				TOTAL CONN.:	57 A
				TOTAL EST. DEMAND:	- A

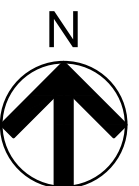
NOTES: CONFIRM EXISTING LOADS AND SPARE BREAKERS PRIOR TO PANEL REWORK.

- ALL ELECTRICAL WORK SHALL BE PER ALL STATE AND LOCAL CODES AND THE NEC.
2. ALL WIRING SHALL BE COPPER, STRANDED, THWN OR THHN, #12 AWG MINIMUM SIZE.
3. ALL WIRING AND CONDUIT SHALL BE CONCEALED IN WALLS AND ABOVE CEILINGS WHEREVER POSSIBLE. FOR EXISTING WALLS, FISH WIRING DOWN IN WALLS. FOR AREAS WITH FINISHED WALLS WHERE CHASING THE WIRING IS NOT POSSIBLE, RUN SURFACE MOUNTED METAL RACEWAY IN FINISHED SPACES (WIREDMOLD TYPE WITH SHALLOW OR REGULAR SURFACE BOXES) AND IN UNFINISHED OR OTHER SIMILAR/APPLICABLE SPACES RUN EMT CONDUIT EXPOSED. USE EMT CONDUIT WHERE EXPOSED IN MECHANICAL ROOMS AND OTHER SIMILAR SPACES. REFER TO DRAWINGS FOR OTHER DETAILS ON WIRING/CONDUIT METHODS.
4. ACCEPTABLE WIRING METHODS: MC CABLE AND COPPER WIRE IN EMT CONDUIT OR RIGID CONDUIT WHERE NOTED. WIRING TYPES MAY BE USED AS LONG AS THEY MEET THE NEC AND ARE INSTALLED PER CODE. MC CABLE OR FLEX CONDUIT MAY BE USED FOR FINAL CONNECTIONS FOR CHAIN MOUNTED OR RECESSED FIXTURES. REFER TO DRAWINGS FOR OTHER DETAILS ON WIRING/CONDUIT METHODS.
5. CONTRACTOR SHALL FIRE STOP ALL PENETRATIONS THROUGH FIRE-RESISTANCE-RATED ASSEMBLIES (WALLS, FLOORS, CEILINGS, ROOFS, RATED MEMBRANES) WITH APPROVED UL ASSEMBLIES. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS AND RATINGS OF WALLS.
6. EXTERIOR WIRING SHALL BE RUN IN HEAVY WEIGHT GALVANIZED STEEL CONDUIT.
7. CARRY A GROUND WIRE WITH ALL CIRCUITS. SHARED NEUTRALS ARE NOT ACCEPTABLE. NO DOUBLE CONNECTED CIRCUIT BREAKERS ARE PERMITTED.
8. PROVIDE UPDATED TYPED DIRECTORY FOR ALL PANEL BOARDS WITH NEW CIRCUITS.
9. SWITCHES AND RECEPTACLES SHALL BE SPEC GRADE, WHITE. RECEPTACLES TO BE 20 AMP, 125 VOLT RATED.
10. MOUNT ALL CONTROLS AND DEVICES AT HEIGHTS PER ADA: SWITCHES, CONTROLS, THERMOSTATS, PHONES: 48" TO TOP. RECEPTACLES: 18" AFF UNLESS NOTED OTHERWISE ON DRAWINGS.
11. RECESSED BOXES IN GENERAL TO BE STAMPED STEEL TYPE. EXPOSED BOXES IN UNFINISHED SPACES TO BE STAMPED STEEL TYPE WITH STAMPED STEEL COVER PLATES. INTERIOR SURFACE MOUNTED BOXES OTHER THAN WIREDMOLD TYPE BOXES SHALL BE CAST METAL TYPE WITH THREADED HUBS. EXTERIOR BOXES TO BE CAST METAL TYPE WITH THREADED HUBS AND WATER TIGHT COVER PLATES.
12. COORDINATE TIE-IN OF ELEVATOR LOBBY/EQUIPMENT ROOM SMOKE DETECTORS AND TOP OF SHAFT HATE DETECTOR FOR ELEVATOR RECALL AND SHUTDOWN. FIRE ALARM BEING UPGRADED IN SEPARATE PROJECT. COORDINATE WITH SCHOOL AND FIRE ALARM CONTRACTOR.
13. OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND INSPECTIONS.

1. PROVIDE 30/2 WP DISCONNECT AT DUCTLESS SPLIT OUTDOOR UNIT ON ROOF. WIRE INDOOR UNIT OFF OF OUTDOOR UNIT PER MANUFACTURER'S INSTRUCTIONS. PROVIDE 30/2 DISCONNECT AT INDOOR UNIT. REFER TO M101.
2. PROVIDE 1 PHONE LINE (2 JACKS, JUMPED WITH RJ11 PATCH CORD) AND 1 DATA (CAT5) INTERFACE WITH ELEVATOR CONTROLLER FOR 2-WAY CAR COMMUNICATION.
3. DEMO EXISTING LIGHT AND PROVIDE NEW LIGHT/SWITCH REWIRED FROM EXISTING ROOM LIGHTING CIRCUIT.
4. REPLACE EXISTING RECEPTACLE WITH NEW GFI TYPE. MAINTAIN CIRCUIT.
5. NEW RECEPTACLE WITH NEW CIRCUIT.
6. PROVIDE 30/2 FUSED DISCONNECT FOR ELEVATOR CAR LIGHTS. FUSE TO 15A. REWIRE FROM EXISTING ELEVATOR LIGHT CIRCUIT.
7. REPLACE EXISTING ELEVATOR DISCONNECT WITH NEW 100/3 FUSED DISCONNECT WITH INTEGRATED SHUNT TRIP. FUSE TO 70A. MAINTAIN EXISTING CIRCUIT. COORDINATE SHUNT TRIP CONTROL VOLTAGE WITH FIRE ALARM.
8. COORDINATE TIE-IN OF ELEVATOR LOBBY/EQUIPMENT ROOM SMOKE DETECTORS AND TOP OF SHAFT HATE DETECTOR FOR ELEVATOR RECALL AND SHUTDOWN.
9. NEW BREAKERS AT EXISTING SPACES.



SCALE: 1" = 100'-0"



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ELECTRICAL PLAN

E101