

MICHIGAN STATE
U N I V E R S I T Y

INFRASTRUCTURE PLANNING AND FACILITIES
PLANNING, DESIGN AND CONSTRUCTION

November 2, 2023

TITLE OF PROJECT: **Anthony Hall – Replace Elevators 1, 2, 3 and 4**

PROJECT ISSUE DATE: September 20, 2023

PROJECT NUMBER: CP23041

ADDENDUM NO: 1

GENERAL

This Addendum is issued prior to receipt of Proposals to amend the Contract Documents identified as **Anthony Hall – Replace Elevators 1, 2, 3 and 4**.

Except as otherwise specifically mentioned, the general character of the work required by this Addendum shall be the same as originally specified, and all incidentals required in connection with the work hereinafter described shall be included even though not specifically mentioned. When an item is mentioned with additional specifications given, reference shall be made to the original specifications.

Drawings accompanying this Addendum include: A2.1, A2.2

<u>ITEM NO.</u>	<u>DESCRIPTION</u>
01	Addendum No. 1 from Bernath-Coakley Architects, Inc.
02	Sign-in sheet from Pre-Bid Walk-thru on October 25, 2023
03	Drawing Sheet A2.1 and A2.2 (issued)

End of Addendum

ADDENDUM

Project:
Anthony Hall
Replace Elevators 1,2,3, and 4
Michigan State University

Project No.: **CP23041**
Architect's No.: 2306

Addendum No.: **One (1)**

Project Address:

Date: **November 1, 2023**

474 S. Shaw Lane
East Lansing, Michigan

Owner:
Michigan State University

From (Architect):
Bernath-Coakley Associates Architects, Inc.
4104 W. St. Joseph Hwy.
Lansing, Michigan 48917
517.321.9525

Instructions to Prospective Bidders:

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents and/or prior Addenda as noted below. All conditions, requirements, materials and workmanship are to be as described in the Contract Documents unless specifically stated otherwise. This Addendum consists of this form and referenced drawing sheets and specifications as noted below.

Item #1 **Reference:** *Clarification of Scope of work referencing replacement of Hydraulic Cylinders for each elevator.*

- A. **BASE BID:** Remove the entire Jack including the plunger and cylinder and replace with a complete new plunger and cylinder assembly installed in the existing casing.
- B. **ADD ALTERNATE:** In the event no casing exists, provide add alternate unit prices with the bid to provide and install a new casing including drilling operations with the assumption there are no soil or rock complications.

Item #2 **Reference:** *Drawing Sheet A2.1 and A2.2 (issued)*

The original drawing sheets referenced above included the incorrect schedules. The above drawing sheets listed containing an Addendum date of 2023.11.01 are issued with this Addendum with the correct schedules.

Item #3 **Reference:** *Drawing Sheet A3.1 (not issued)*

Demolition note #7 for Elevator #3 is changed to read: "Remove existing Stainless Steel cab ceiling, light fixture, and exhaust fan."

Item #4

RFI Question: General Electrical Note 21 on Sheet E-1 calls for the use of ground bushings in all conduits carrying an equipment grounding conductor – which will be all of them. Is this the true intent for the project or a not we can possibly exclude?

Answer: This refers specifically to the conduits carrying the elevator ground wires back to the unit substation ground.

Item #5

RFI Question: The electrical drawings show the machine rooms' receptacles and lights on the same circuit. To my understanding, the code reads in 620.23(A) the branch circuits for lighting in these spaces needs to be separate from the branch circuits feeding the receptacles in these spaces. Please advise if we are to consider separate circuits for the receptacles in these spaces (possible circuit space availability issues in the existing panel).

Answer: Install a tandem circuit breaker at each of the breaker locations feeding the machine rooms. Run a separate circuit to the receptacle and the light fixtures in the machine room.

Item #6

Reference: *Existing Generator Automatic Transfer Switch*

Install a new auxiliary contact/relay in the generator automatic transfer switch. Run 2#12, 3/4" conduit from the contact to Elevator #1 machine room for connection to the elevator controller.

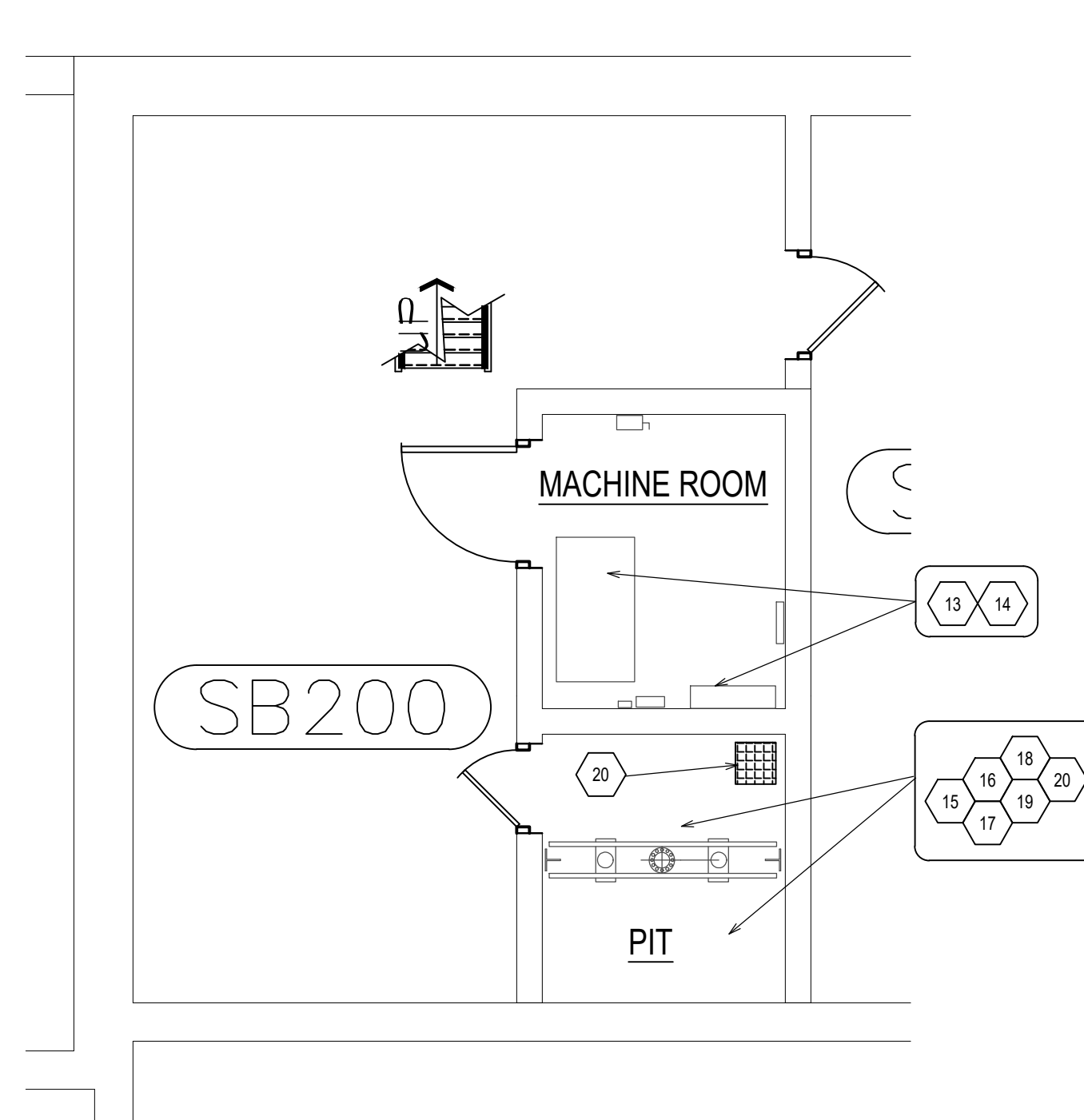
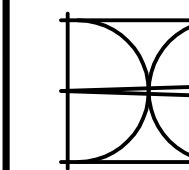
End of Addendum



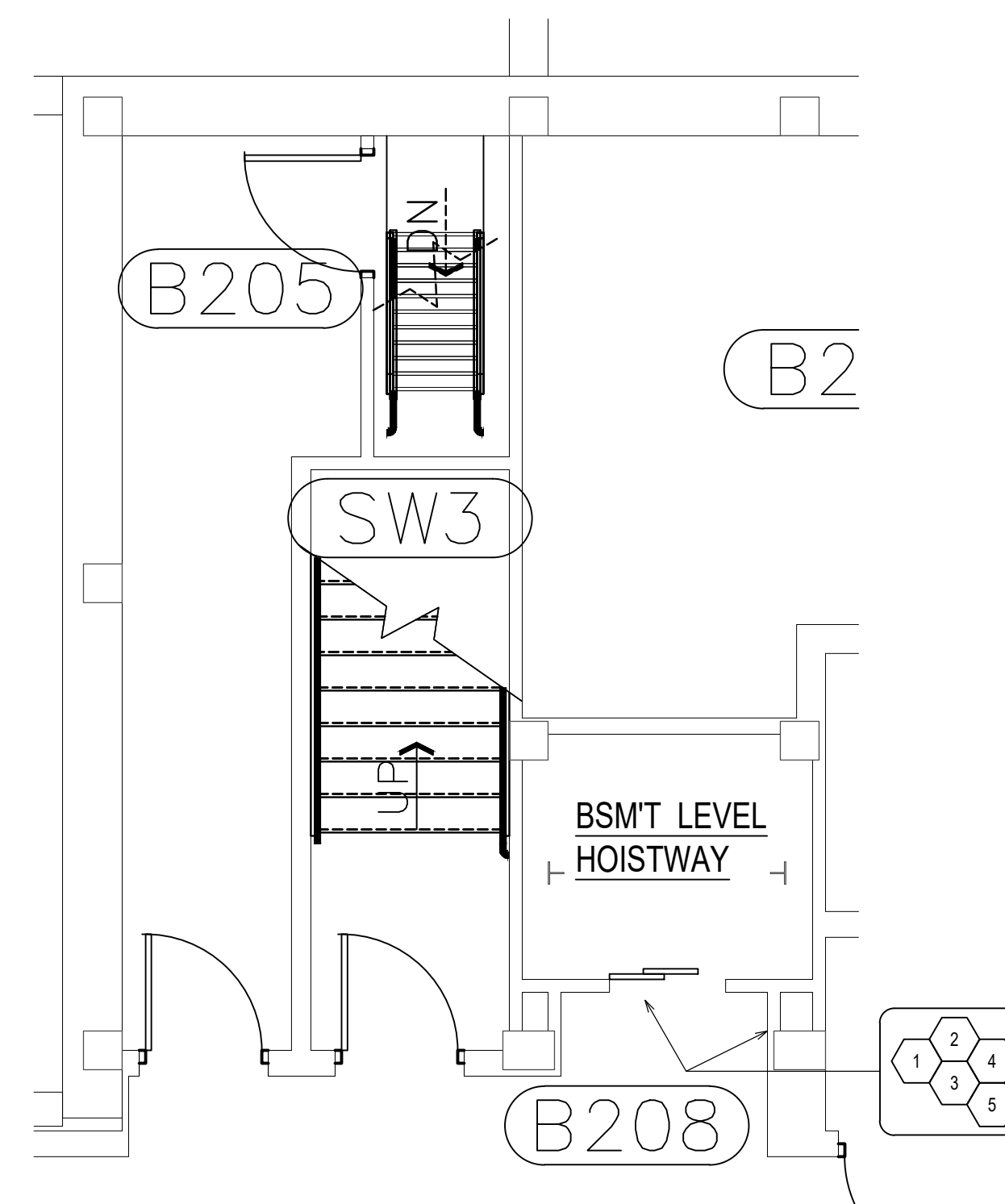
Capital Project Meeting Sign-in Sheet

Project Name: ANTHONY HALL - REPLACE ELEVATORS 1, 2, 3, 4
 Capital Project Number: CP23041
 Date & Time: 10/25/23 @ 9AM Location: ANTHONY HALL

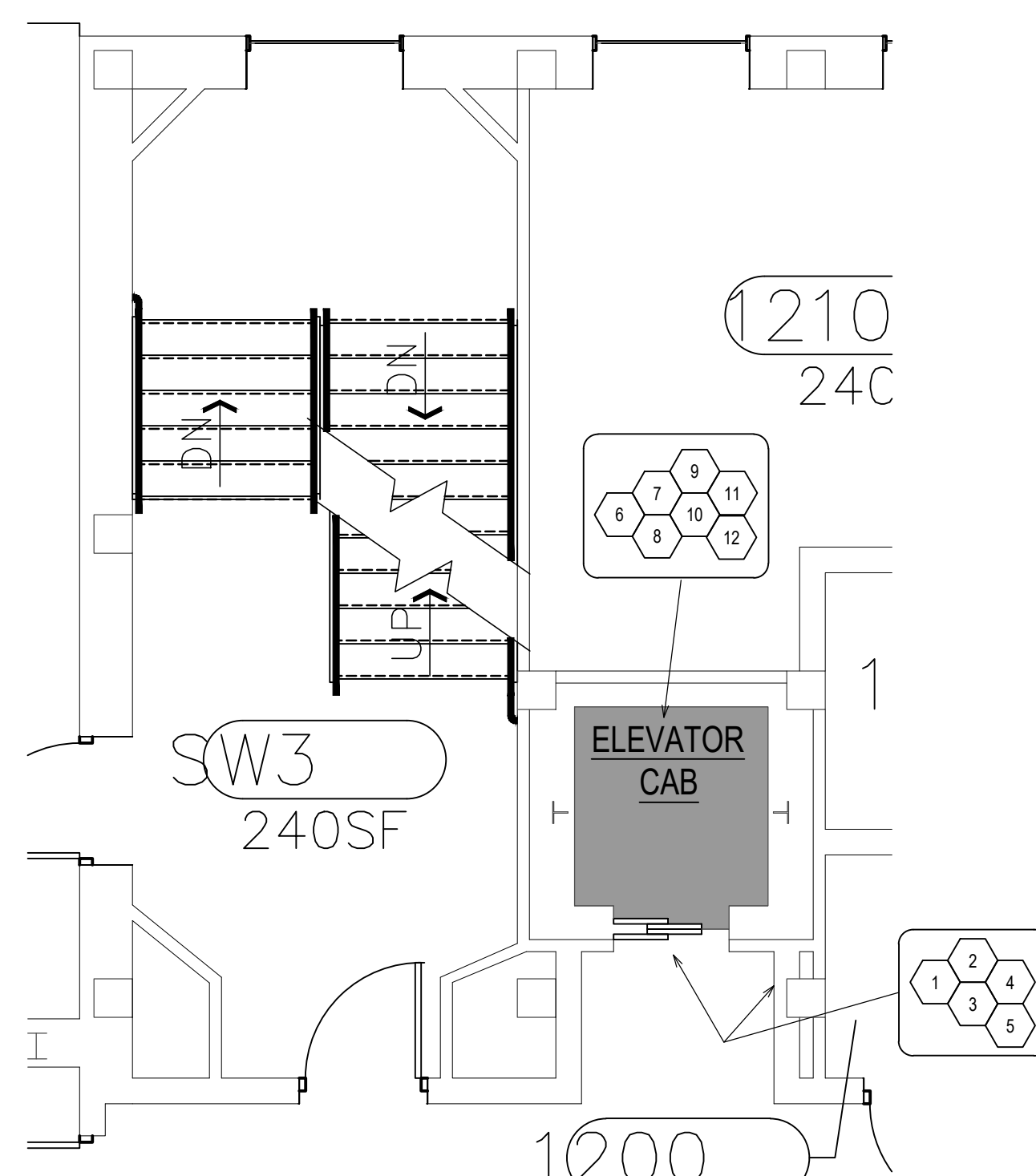
Name	Company	Cell Phone	E-mail Address
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Melissa Reek	MSU / IPF	517-388-2877	peekme@msu.edu
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Tom Howard	Summit	517-975-5938	tthomas@summit.ws
Rick Cramer	Summit	(517) 881-6994	Ricke@summit.ws
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Brett Cone	Elevator Service	517-285-5271	brett.cone@esigr.com
Rick REED	Elevator Service	517-375-4286	Rick.REED@esigr.com
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John Coakley	Bernath Coakley	517 282 3418	jcoakley@bernathcoakley.com
TOM BAWROFT	EAT	517-282-5364	TBAWROFT@ELEVATORS.COM
TONINO PACIFICO	PDC	517-243-0260	pacifico@msu.edu
Dan Papp	ONS	517-206-0430	Daniel.Papp@ons.com
Steve Bolen	John E Green	517-898-1972	stevebolen@johnegreen.com



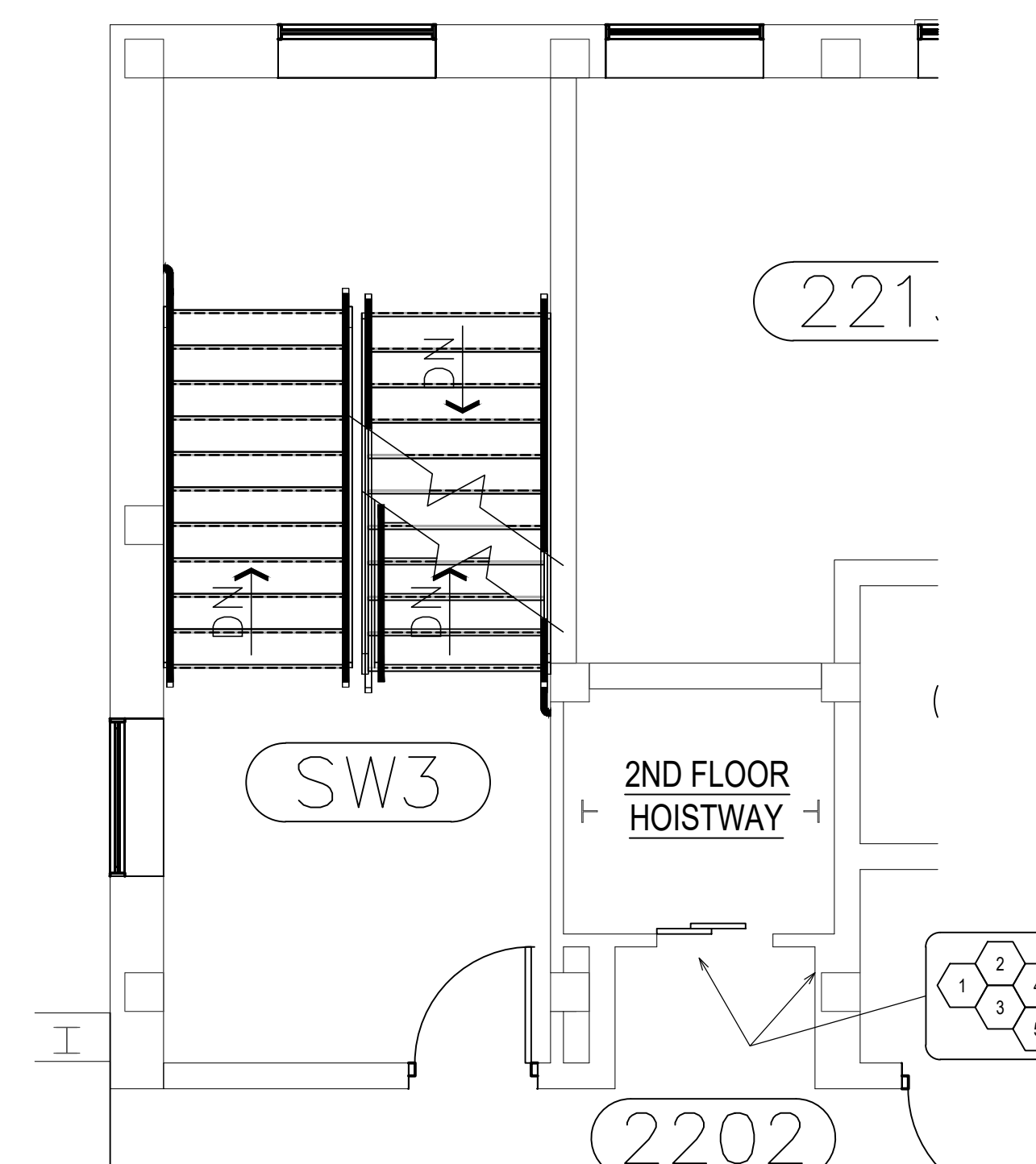
**DEMO ELEVATOR EP2
SUB-BASEMENT LEVEL**
1/4"=1'-0"



**DEMO ELEVATOR EP2
BASEMENT LEVEL**
1/4"=1'-0"



**DEMO ELEVATOR EP2
FIRST FLOOR LEVEL**
1/4"=1'-0"



**DEMO ELEVATOR EP2
SECOND FLOOR LEVEL**
1/4"=1'-0"

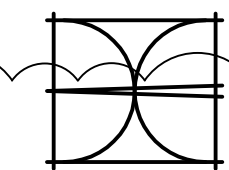
ADDENDUM #1

KEY DEMOLITION NOTES ELEVATORS EP2	
ELEVATOR LOBBIES AT ALL LEVELS	
1	REMOVE EXIST HALL LANTERNS AND PREP WALL FOR NEW LANTERNS
2	REMOVE EXISTING CALL STATIONS AND PREP WALL AS REQUIRED FOR NEW CALL STATIONS (WHERE DUPLICATE CALL STATIONS EXIST SIDE BY SIDE ONLY ONE CALL STATION REQ. ON NEW PLAN)
3	REMOVE EXISTING HOISTWAY DOORS DOORS FOR REFINISHING AND REINSTALLATION. REMOVE HOISTWAY DOOR OPERATING HARDWARE AND TRACK. EXISTING HOISTWAY THRESHOLD TO BE RETAINED.
4	REMOVE EXIST FLOOR DESIGNATION SIGNAGE ON HOISTWAY DOOR JAMBS
5	EXISTING HOISTWAY DOOR FRAMES TO REMAIN.
ELEVATOR CABS:	
6	REMOVE EXISTING CAB DOORS, DOOR OPERATING HARDWARE AND TRACK
7	REMOVE EXISTING CAB CEILING, LIGHTING, AND EXHAUST FAN
8	REMOVE CAB FLOOR MATERIAL. CAB PLATFORM AND FRAMING TO REMAIN. REMOVE ROLLER GUIDES.
9	REMOVE STAINLESS STEEL CAB CAB WALLS AND DECORATIVE LAMINATED PLASTIC WALL PANELS
10	REMOVE CAB RAILINGS
11	REMOVE MAIN CAR OPERATING PANEL AND AUXILIARY COP ALONG WITH ASSOCIATED CONTROL WIRING.
12	REMOVE TRAVELING CONTROL CABLES BETWEEN CONTROLLER AND CAB.
MACHINE ROOM:	
13	REMOVE EXISTING CONTROLLER AND ASSOCIATED CONTROL AND POWER WIRING TO CAB, COP, AUXILIARY COP, AND PUMP.
14	REMOVE EXISTING HYDRAULIC PUMP - RETAIN PIPING WERE POSSIBLE.
ELEVATOR PIT AREA:	
15	REMOVE EXISTING HYDRAULIC CYLINDER
16	EXISTING FABRICATED STEEL SUPPORT STRUCTURE FOR ELEVATED SUPPORT OF CYLINDER AND BUMPERS TO BE RETAINED. TEMPORARILY DISASSEMBLE AS REQUIRED FOR REPLACEMENT OF CYLINDER.
17	EXIST GUIDE RAILS AND SUPPORT STRUCTURE AT WALLS FOR GUIDE RAILS TO REMAIN - CHECK RAILS FOR PLUM AND ALIGNMENT. CORRECT AS REQUIRED
18	INSPECT EXISTING CASING FOR DAMAGE DURING CONSTRUCTION - PROVIDE ALTERNATE PRICE FOR REPLACEMENT OF CASING SEPARATE FROM BASE BID.
19	CLEAN DIRT AND DEBRIS FROM PIT FLOOR AND WALLS. TREAT CONCRETE FLOOR WITH "PULL IT OUT" OIL REMOVER PER MANUFACTURERS DIRECTIONS. PH: (430) 462-5115
20	CUT OUT PORTION OF EXISTING PIT FLOOR FOR INSTALLATION OF NEW FORMED CONCRETE SUPP

CAPITAL PROJ. NO.
CP23041

LEAD T. Pacifico
ARCH. B. Charland
MECH. S. George
ELEC. K. Howard
CIVIL _____
L.A. _____
INT. DES. _____
CONST REP T. Pacifico
APPR. J. Bonk
DATE 9/15/2023
SCALE AS NOTED
REVISIONS

Issued for Review
2023.01 ADDENDUM #1



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Fax: (517) 321-8110

Comm. No. 2208

Infrastructure
Planning and Facilities
**MICHIGAN STATE
UNIVERSITY**

ANTHONY HALL
REPLACE ELEVATORS 1, 2, 3, and 4

CAPITAL PROJ. NO.
CP23041

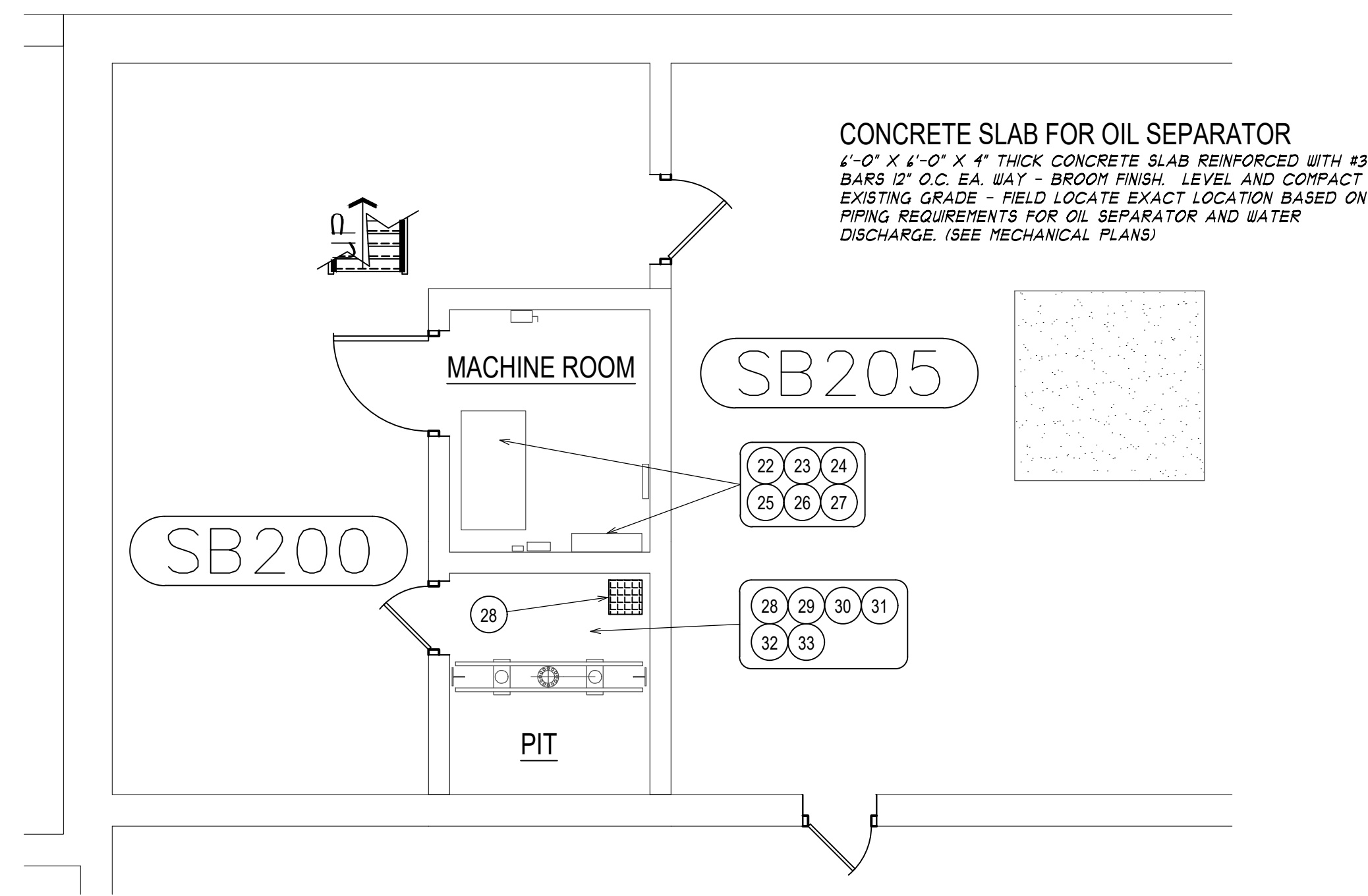
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ARCH. B. Charland
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ELEC. K. Howard
CIVIL _____
L.A. _____
INT. DES. _____
CONST REP T. Pacifico
APPR. J. Bonk
DATE 9/15/2023
SCALE AS NOTED
REVISIONS _____

Issued for Review
2023.101 ADDENDUM #1

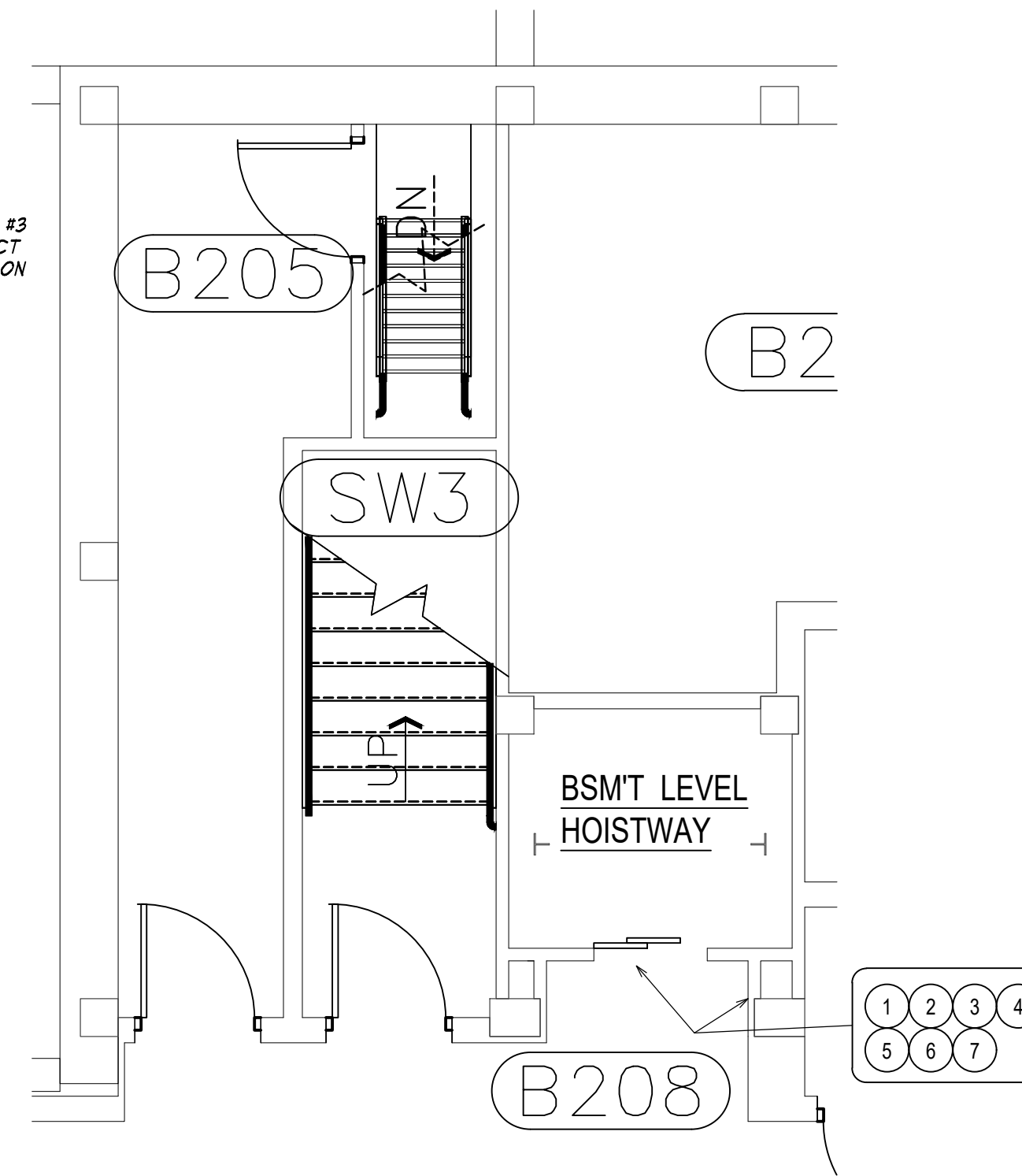
A2.2

KEY RENOVATION WORK ELEVATOR EP2

ELEVATOR LOBBIES AT ALL STOPS PROVIDE THE FOLLOWING:	
1	DIGITAL HALL LANTERNS WITH ILLUMINATED FLOOR INDICATORS AND DIRECTIONAL ARROWS AND AUDIO ANNUNCIATORS WITH STAINLESS STEEL FINISH. LOCATE ABOVE HOISTWAY DOORS.
2	CALL STATIONS AT EACH LANDING WITH ILLUMINATED CALL BUTTONS WITH KEYPED ACCESS AT TOP AND BOTTOM LEVELS WITH STAINLESS STEEL FINISH. ELIMINATE DUPLICATE ADJACENT CALL STATIONS ON SAME WALL.
3	PROVIDE SUFFICIENT SIZE S.S. PLATES W/ #4 BRUSHED FINISH TO COVER PREVIOUS OPENINGS AT CALL STATIONS 1 LANTERNS AS REQUIRED.
4	PROTECT FLOORS FROM CONSTRUCTION OPERATIONS. REPAIR WALL AND FLOOR SURFACES DAMAGED OR SOILED RESULTING FROM CONSTRUCTION OPERATIONS.
5	CLEAN, WIRE BRUSH, AND POLISH EXISTING HOISTWAY THRESHOLDS.
6	REFINISH (PAINT) EXISTING HOISTWAY DOORS AND REINSTALL WITH COMPLETE NEW DOOR OPERATING HARDWARE.
7	TACTICAL/BRAILLE FLOOR NUMBER SIGNS ON EACH JAMB AT ALL HOISTWAY OPENINGS.
ELEVATOR CAB: PROVIDE THE FOLLOWING:	
8	NEW STAINLESS STEEL CAB WALLS. NEW PAINTED STEEL CEILING. STAINLESS STEEL LIGHT COVES AT TWO SIDES OF CAB WITH LED LIGHTING. CAB DIMENSION REQUIREMENTS: MATCH EXISTING CAB WIDTH, DEPTH, AND CEILING HEIGHT (FIELD VERIFY).
9	SHEET VINYL FLOORING - SELECTED BY NSU
10	4" HIGH STAINLESS STEEL VENTILATED BASE WITH #4 BRUSHED FINISH
11	PREFINISHED "OFF WHITE" STEEL PANEL CEILING. PANELS ORIENTED FROM FRONT TO REAR OF CAB AS DESCRIBED ON DRAWINGS.
12	A. #4 BRUSHED STAINLESS STEEL FINISH ON SIDE AND REAR WALL PANELS. B. #4 BRUSHED FINISH STAINLESS STEEL FRONT WALL PANEL AND RETURNS TO CAB DOOR. C. #4 BRUSHED FINISH STAINLESS STEEL WALL PANEL CONTAINING MAIN COP.
13	8" WIDE S.S. CAB RAILINGS WITH #4 BRUSHED FINISH ON BOTH SIDE WALLS AND REAR CAB WALL AND FABRICATED TO ACCOMMODATE AUXILIARY CAR PANEL ON RAILING OPPOSITE THE WALL WHERE THE MAIN COP IS LOCATED.
14	MAIN CAR OPERATING PANEL WITH #4 BRUSHED STAINLESS STEEL FINISH LOCATED AT THE SIDE WALL OF CAB AT THE SAME LOCATION AS THE OBSOLETE MAIN COP.
15	AUXILIARY CAR OPERATING PANEL WITH #4 BRUSHED STAINLESS STEEL FINISH LOCATED AT THE SIDE WALL OF CAB IN THE HANDRAIL OPPOSITE FROM THE MAIN COP.
16	(2) PANEL SIDE OPENING STAINLESS STEEL CAB DOOR OF SAME OPERATION AS EXISTING OBSOLETE DOOR EXCEPT NEW DOORS TO HAVE S.S. FINISH (VERTICAL PATTERN) COMPLETE WITH NEW DOOR OPERATING HARDWARE.
17	TRAVELING CABLES AND CONNECTIONS CONNECTING CAR OPERATING PANELS AND ELEVATOR CONTROLLER.
18	NICKEL/ALUMINUM CAB DOOR THRESHOLDS
19	COMPLETE CAR TOP INSPECTION STATION
20	ROLLER GUIDES ALL LOCATIONS
21	ILLUMINATED FLOOR INDICATOR AND ANNUNCIATOR
MACHINE ROOM: PROVIDE THE FOLLOWING:	
22	PROGRAMMABLE SOLID STATE HYDRAULIC ELEVATOR CONTROLLER AND PROGRAMMING FOR ELEVATOR OPERATION TO MEET REQUIREMENTS OF MICHIGAN ELEVATOR CODE AND NSU SPECIFICATION STANDARDS.
23	CABLES, CONDUITS, FITTINGS, ETC. FOR CONNECTING CONTROLLER TO PUMP AND CAR OPERATING PANELS.
24	HYDRAULIC ELEVATOR PUMP (CAPACITY AND ELECTRICAL CHARACTERISTICS TO BE SIMILAR TO EXISTING PUMP AND CAPABLE OF PROVIDING TRAVEL SPEED OF 125 FPM) PROVIDE NECESSARY ELECTRICAL AND PIPING MODIFICATIONS FOR CONNECTING PUMP AND CYLINDERS.
25	PREP AND PAINT MACHINE ROOM WALLS BENJAMIN MOORE PAINT COLOR "WINTER WHEAT #232"
26	PREP AND PAINT MACHINE ROOM FLOOR WITH BENJAMIN MOORE PAINT COLOR "DECK GRAY PF-11"
27	PREP AND PAINT MACHINE ROOM DOOR AND FRAME (MACHINE ROOM SIDE ONLY) WITH BENJAMIN MOORE PAINT COLOR "WINTER WHEAT #232"
HOISTWAY AND PIT AREA: PROVIDE THE FOLLOWING:	
28	FORMED CONCRETE SUMP, GALVANIZED STEEL GRATING, SUMP PUMP, PIPING, FITTINGS, FOR CONNECTION TO OIL SEPARATOR, SUMP PUMP INSTALLED BELOW GRATING - SEE MECHANICAL/ELECTRICAL DRAWINGS.
29	HYDRAULIC CYLINDER AT EACH HOISTWAY
30	INSPECT EXISTING CASING FOR DAMAGE DURING CONSTRUCTION - PROVIDE BASE COST FOR CASING REPLACEMENT AS AN ALTERNATE COST IN BID.
31	PREP AND PAINT EXISTING STRUCTURAL STEEL SUPPORTS FOR HYDRAULIC JACK AND SPRING BUMPERS. MATCH EXISTING PAINT COLOR.
32	CLEAN, PREP, AND PAINT ELEVATOR PIT FLOOR SHERWIN WILLIAMS COLOR "GRAY MATTERS - #50704L. PREP PIT WALLS UP TO THE FIRST FLOOR LINE AND TOUCH UP PAINT WITH COLOR AND SHEEN TO MATCH EXISTING PAINTED PIT WALLS. PAINT WALLS UP TO THE FIRST FLOOR LINE.
33	CHECK GUIDE RAILS FOR STRAIGHT AND UNIFORMLY VERTICAL ALIGNMENT. ADJUST AS NECESSARY TO ALIGN RAILS.

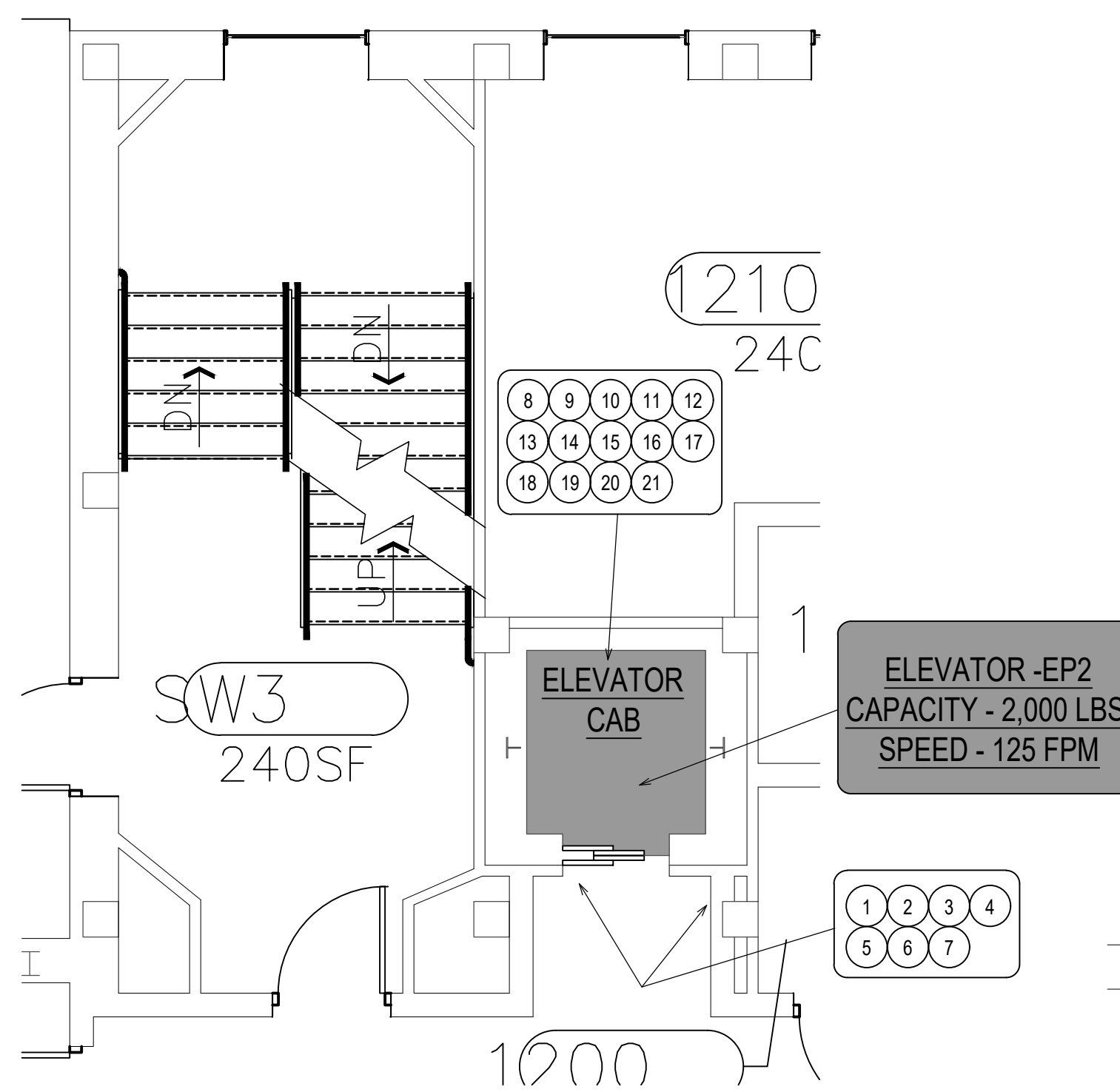


**NEW ELEVATOR EP12
SUB-BASEMENT LEVEL**
482701 1/4"=1'-0"

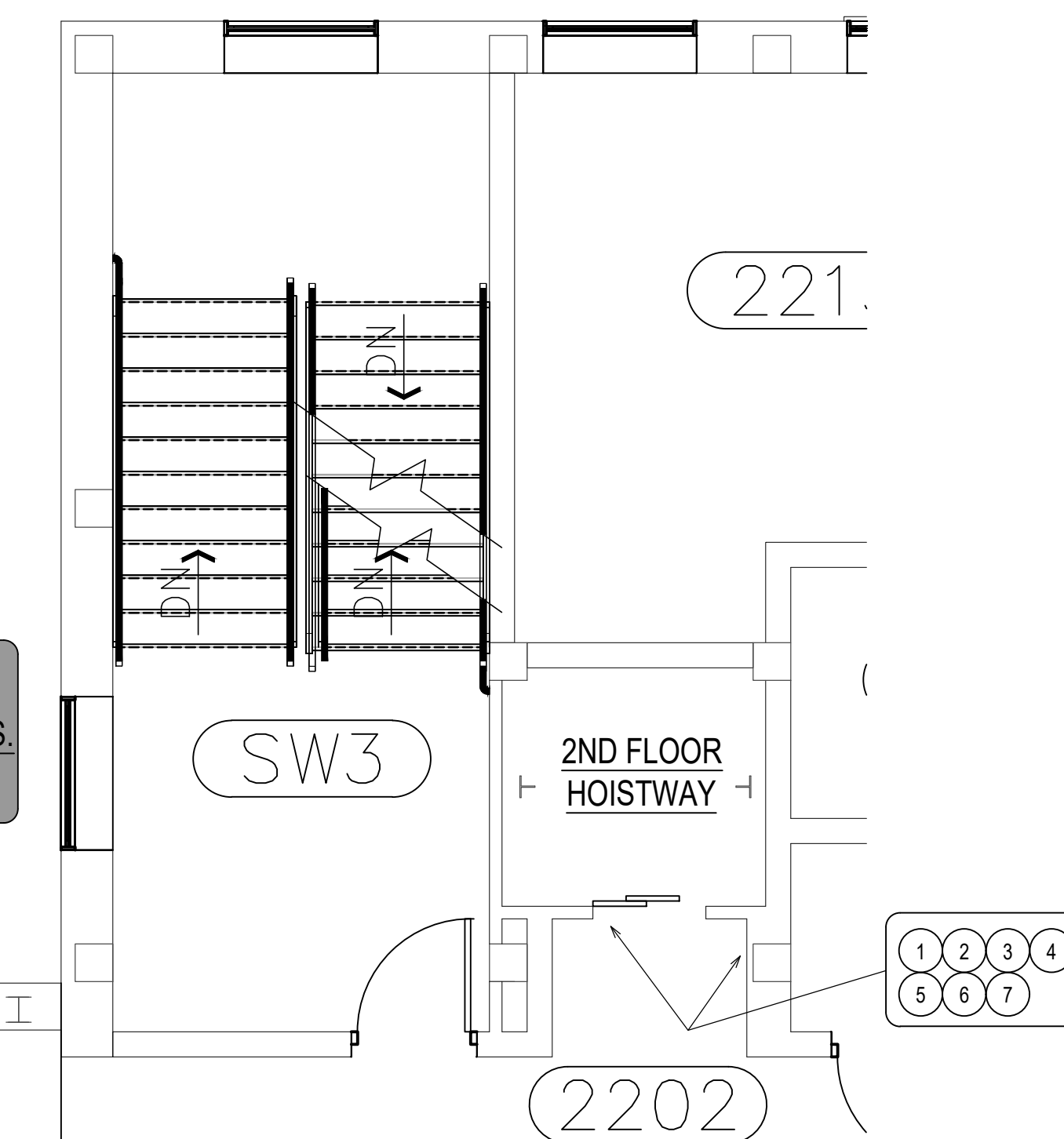


**NEW ELEVATOR EP2
BASEMENT LEVEL**
482701 1/4"=1'-0"

ADDENDUM #1



**NEW ELEVATOR EP2
FIRST FLOOR LEVEL**
482701 1/4"=1'-0"



**NEW ELEVATOR EP2
SECOND FLOOR LEVEL**
482701 1/4"=1'-0"