

COUNTY OF MARQUETTE

MARQUETTE SAWYER REGIONAL AIRPORT

--

HOLDROOM EXPANSION

Symbols	Code Information		Project Location	Sheet Index
<div><div><div><div><div></div><div>Keynote</div></div><div><div></div><div>Revision</div></div><div><div></div><div>Sign Type</div></div><div><div></div><div>Door or Borrowed Lite Identifier</div></div><div><div></div><div>Window Type</div></div><div><div></div><div>Partition Type</div></div><div><div></div><div>Equipment, Fixture or Furniture Indicator</div></div></div><div><div><div><div><div></div><div>DETAIL NUMBER</div><div>28</div><div>A500</div></div><div></div><div>28</div><div>A500</div></div><div><div></div><div>SHEET NUMBER</div><div>1</div><div>A500</div></div><div></div><div>Detail Cut</div><div>Detail Callout</div></div><div><div><div><div><div></div><div>SECTION NUMBER</div><div>A500</div></div><div></div><div>SECTION SHEET</div><div>1</div><div>A500</div></div><div><div></div><div>SECTION SHEET</div><div>1</div><div>A300</div></div><div></div><div>SECTION NUMBER</div><div>1</div><div>A300</div></div></div><div><div></div><div>Wall Section</div><div>Building Section</div></div><div><div><div><div><div></div><div>COMPUTER CLASSROOM</div><div>1000A</div></div><div></div><div>ELEVATION SHEET</div><div>10</div><div>A400</div></div><div><div></div><div>ELEVATION NUMBER</div><div>10</div><div>A400</div></div><div></div><div>SHADED PORTIONS INDICATE VIEWS INCLUDED IN ELEVATION</div></div><div><div></div><div>Room Tag</div><div>Elevation Callout</div></div></div></div></div></div>	<div>General Applicable Codes: 2015 Michigan Building Code 2015 Michigan Mechanical Code 2018 Michigan Plumbing Code 2017 National Electrical Code w/ MI part 8 Jurisdiction: Marquette County Renovation Area: 3,400 square feet Use or Occupancy A-3 Assembly - Transportation terminal Type of Construction Type II-B</div>	<div>Fire Protection Systems Building has an automatic fire sprinkler system per NFPA 13. Accessibility Construction to comply with 2015 Michigan Building Code barrier free provisions and applicable codes referenced therein. Classification of Renovation Work Work is a level 2 alteration per 2015 Michigan Rehabilitation Code for Existing Buildings.</div>		<div>G100 Cover A001 Life Safety Plan A002 Phasing Plan AD100 Demolition Plan A100 Floor Plan A101 Reflected Ceiling Plan A500 Details A600 Schedules F100 Fire Protection Plan M100 Mechanical Plan E100 Electrical Floor Plan E101 Electrical Ceiling Plan</div>

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420 Rail Street

Negaunee, MI 49866

www.ndw.us

906-475-6616

Issued for:

Client Review

2-22-2024

Project Number:

2339

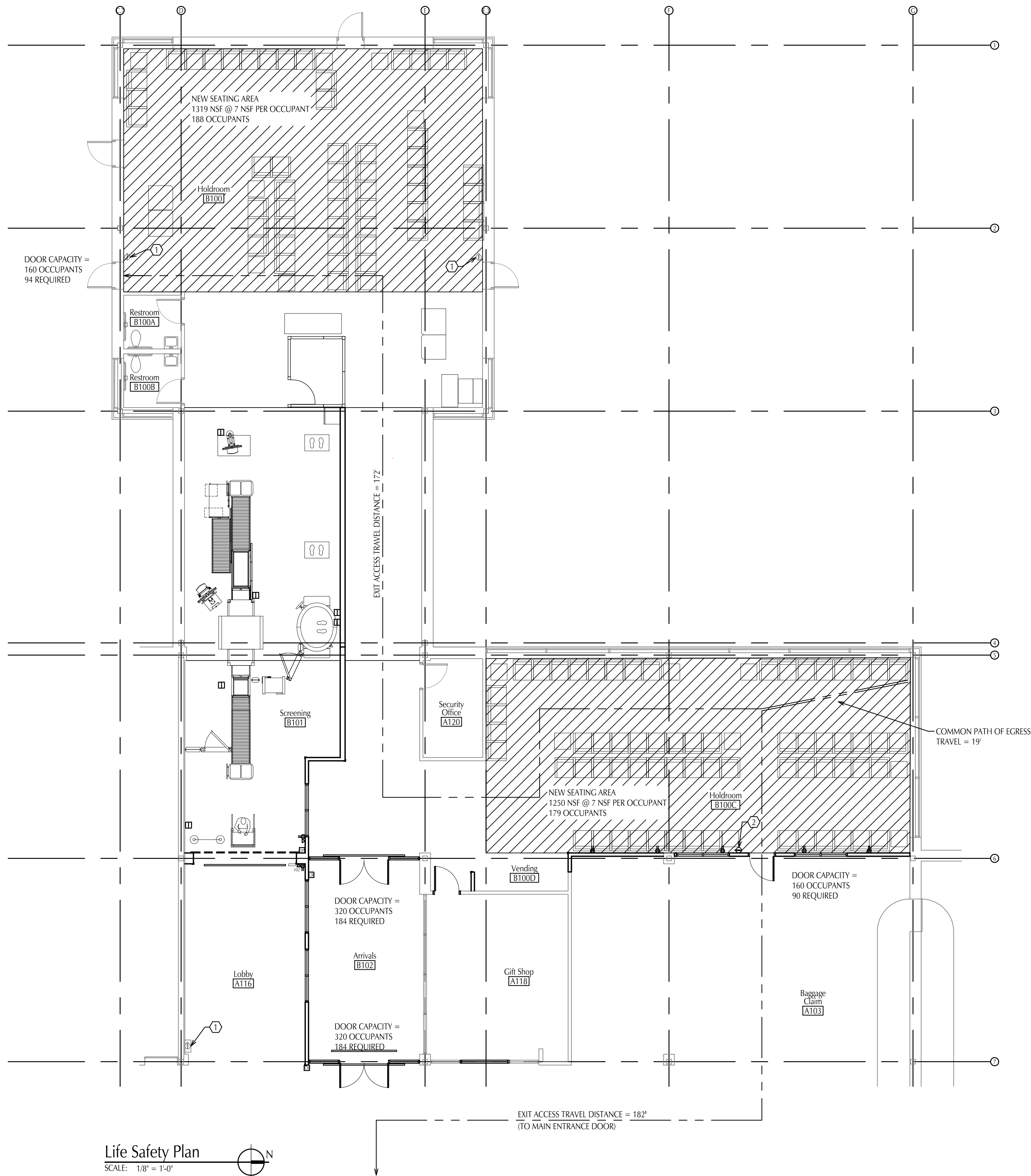
PRELIMINARY

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Keynotes

- Existing fire extinguisher to remain.
- New 3A-40B:C fire extinguisher on wall bracket.



General Notes

- Occupant load shown is based on 2015 Michigan Building Code table 1004.1.2 for concentrated assembly with chairs only - not fixed.

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Life Safety Plan

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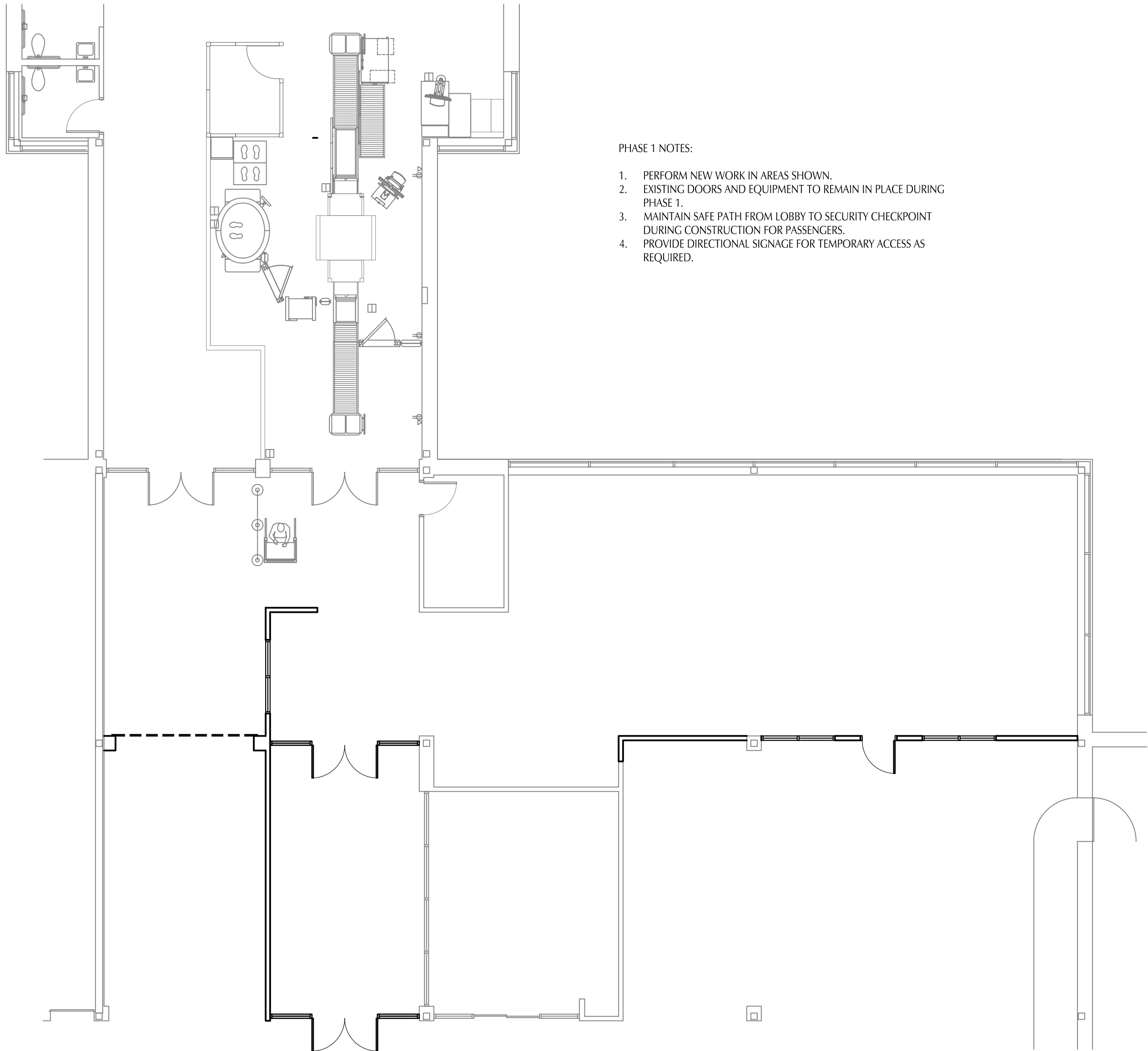
A001

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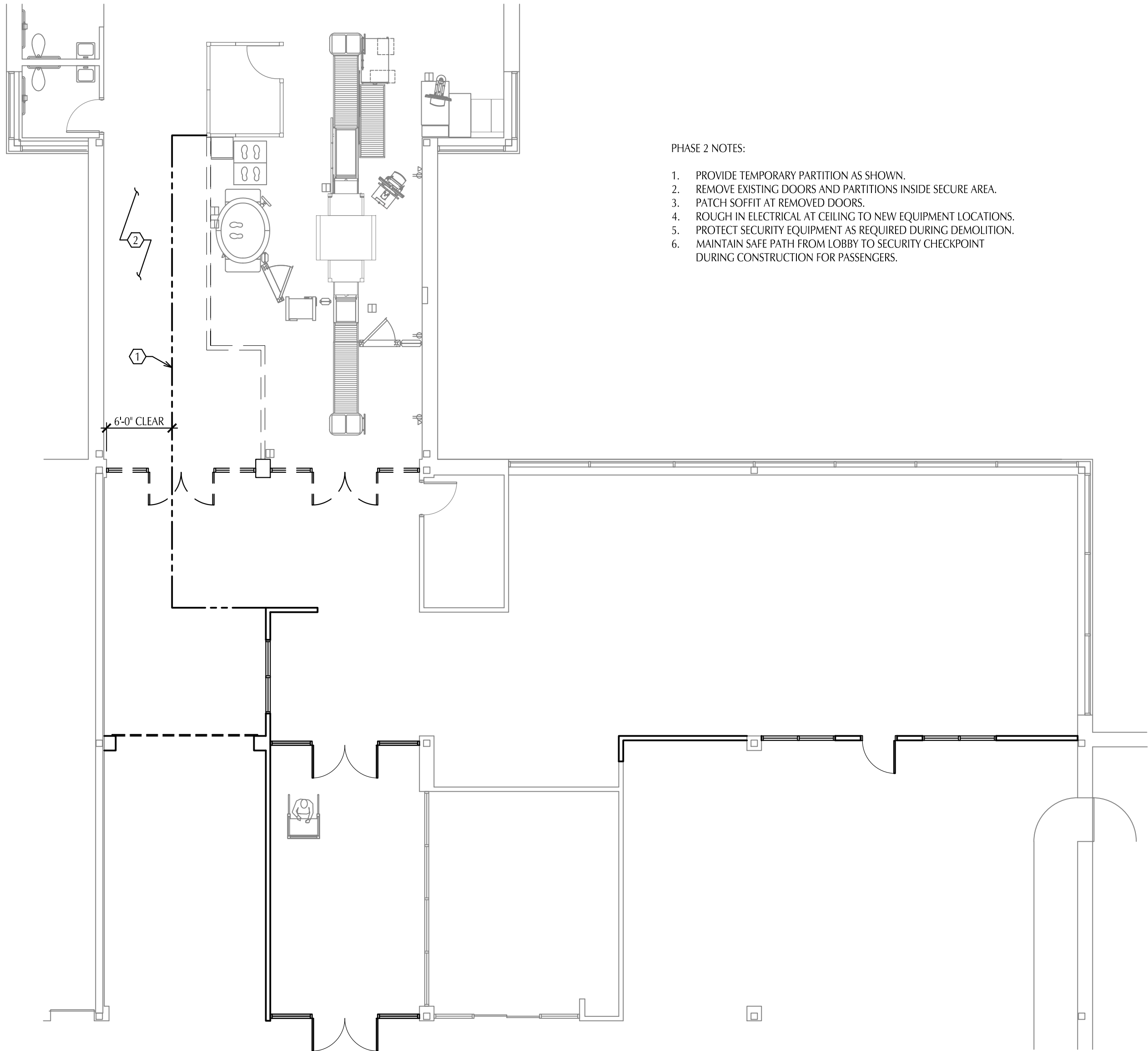
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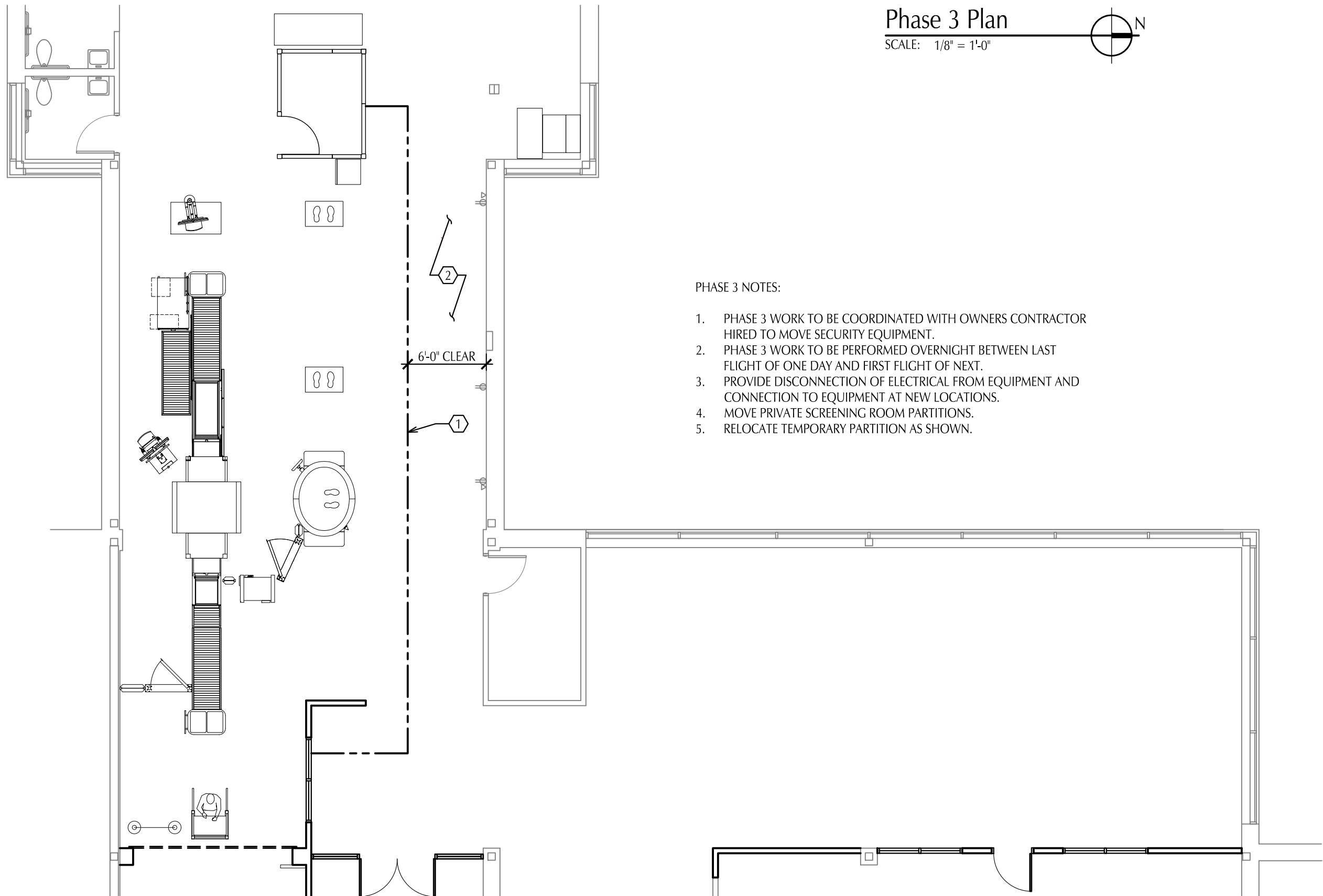
- PHASE 1 NOTES:
1. PERFORM NEW WORK IN AREAS SHOWN.
 2. EXISTING DOORS AND EQUIPMENT TO REMAIN IN PLACE DURING PHASE 1.
 3. MAINTAIN SAFE PATH FROM LOBBY TO SECURITY CHECKPOINT DURING CONSTRUCTION FOR PASSENGERS.
 4. PROVIDE DIRECTIONAL SIGNAGE FOR TEMPORARY ACCESS AS REQUIRED.

Phase 1 Plan
SCALE: 1/8" = 1'-0"



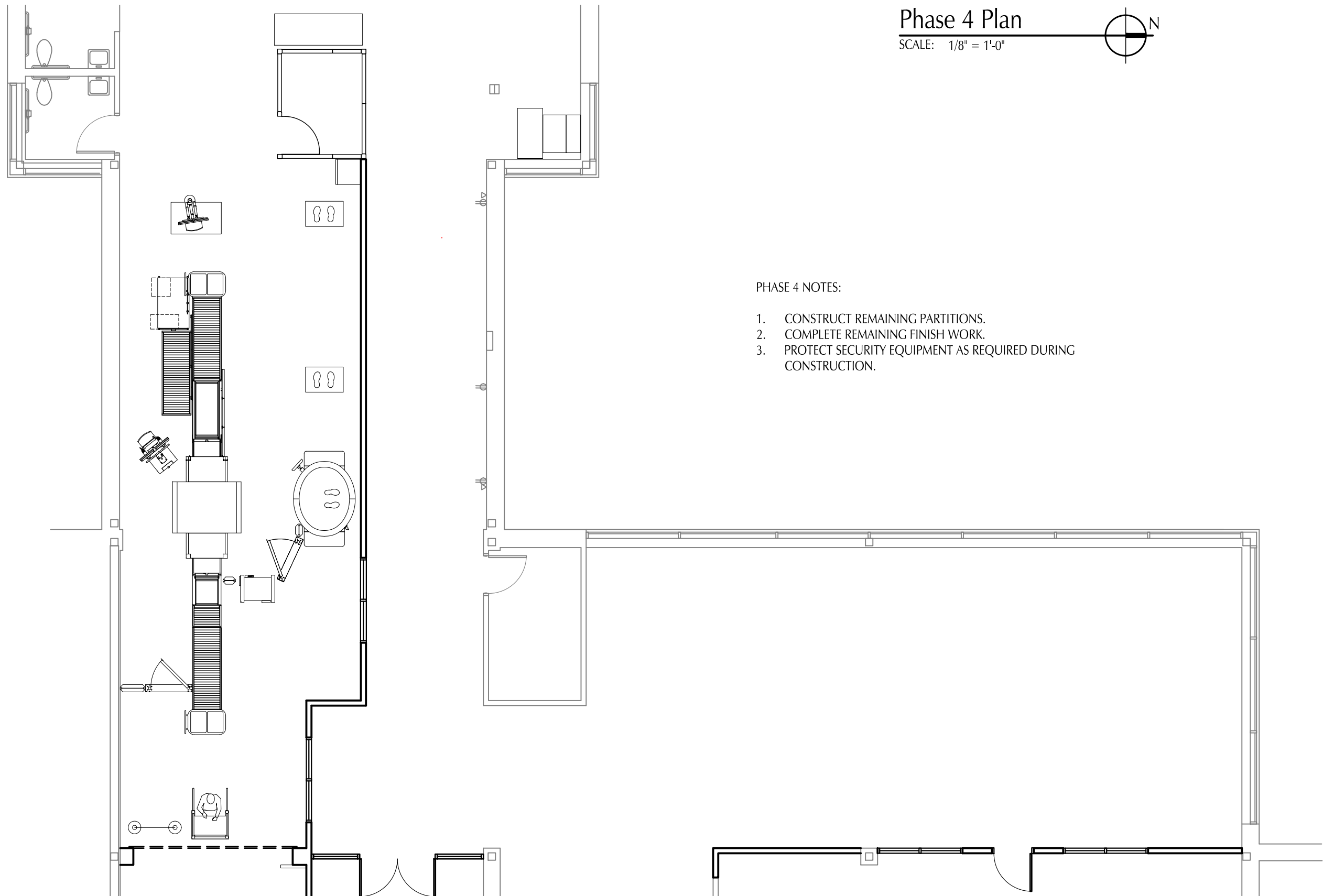
- PHASE 2 NOTES:
1. PROVIDE TEMPORARY PARTITION AS SHOWN.
 2. REMOVE EXISTING DOORS AND PARTITIONS INSIDE SECURE AREA.
 3. PATCH SOFFIT AT REMOVED DOORS.
 4. ROUGH IN ELECTRICAL AT CEILING TO NEW EQUIPMENT LOCATIONS.
 5. PROTECT SECURITY EQUIPMENT AS REQUIRED DURING DEMOLITION.
 6. MAINTAIN SAFE PATH FROM LOBBY TO SECURITY CHECKPOINT DURING CONSTRUCTION FOR PASSENGERS.

Phase 2 Plan
SCALE: 1/8" = 1'-0"



- PHASE 3 NOTES:
1. PHASE 3 WORK TO BE COORDINATED WITH OWNERS CONTRACTOR HIRED TO MOVE SECURITY EQUIPMENT.
 2. PHASE 3 WORK TO BE PERFORMED OVERNIGHT BETWEEN LAST FLIGHT OF ONE DAY AND FIRST FLIGHT OF NEXT.
 3. PROVIDE DISCONNECTION OF ELECTRICAL FROM EQUIPMENT AND CONNECTION TO EQUIPMENT AT NEW LOCATIONS.
 4. MOVE PRIVATE SCREENING ROOM PARTITIONS.
 5. RELOCATE TEMPORARY PARTITION AS SHOWN.

Phase 3 Plan
SCALE: 1/8" = 1'-0"



- PHASE 4 NOTES:
1. CONSTRUCT REMAINING PARTITIONS.
 2. COMPLETE REMAINING FINISH WORK.
 3. PROTECT SECURITY EQUIPMENT AS REQUIRED DURING CONSTRUCTION.

Phase 4 Plan
SCALE: 1/8" = 1'-0"

Keynotes

1. Free standing 8'-0" high temporary partition of 1/2" OSB or similar.
2. Maintain 6'-0" wide clear between temporary partition and wall.

General Notes

1. Terminal will be occupied during construction for normal operation.
2. Contractor shall coordinate all work to accommodate passengers for scheduled flights.

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Marquette Sawyer Regional Airport
Holdroom Expansion

Phasing Plan

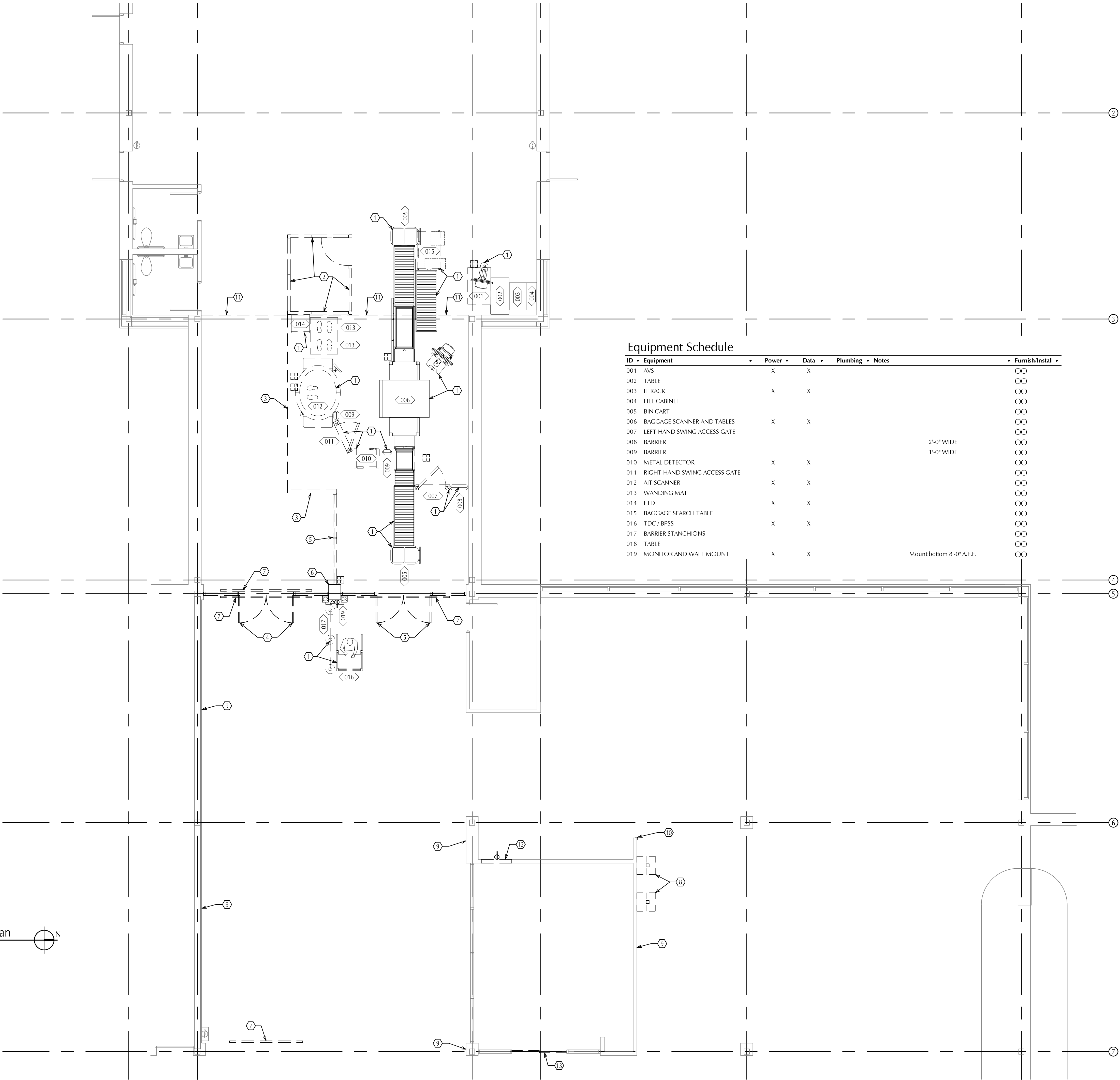
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AOO2

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Demolition Plan
SCALE: 3/16" = 1'-0"

Keynotes

- Existing security equipment to be relocated under separate contract by owner. Contractor will schedule work to accommodate equipment relocation and utility connections.
- Contractor to disassemble private screening room partitions and reinstall in new location shown on A100.
- Remove existing 8'-0" high partition wall.
- Remove existing 13'-8" wide x 10'-8" high aluminum storefront.
- Remove existing 8'-0" high aluminum storefront.
- Remove gypsum board and steel stud pier to soffit above.
- Remove existing sign and salvage for reinstallation as shown on A101.
- Remove pay telephone and signage and turn over to owner.
- Remove vinyl wall covering and prep gypsum board for new painted finish.
- Remove stainless steel corner guard.
- Remove carpet and vinyl wall base east of this line, carpet and wall base west of this line to remain.
- Frame new door opening in existing steel stud and gypsum board partition wall.
- Remove existing sliding door system from opening in storefront. Existing storefront system to remain.

Equipment Schedule

ID	Equipment	Power	Data	Plumbing	Notes	Furnish/Install
001	AVS	X	X			OO
002	TABLE					OO
003	IT RACK	X	X			OO
004	FILE CABINET					OO
005	BIN CART					OO
006	BAGGAGE SCANNER AND TABLES	X	X			OO
007	LEFT HAND SWING ACCESS GATE					OO
008	BARRIER				2'-0" WIDE	OO
009	BARRIER				1'-0" WIDE	OO
010	METAL DETECTOR	X	X			OO
011	RIGHT HAND SWING ACCESS GATE					OO
012	AIT SCANNER	X	X			OO
013	WANDING MAT					OO
014	ETD	X	X			OO
015	BAGGAGE SEARCH TABLE					OO
016	TDC / BPSS	X	X			OO
017	BARRIER STANCHIONS					OO
018	TABLE					OO
019	MONITOR AND WALL MOUNT	X	X		Mount bottom 8'-0" A.F.F.	OO

General Notes

- Light lines indicate work to remain. Dark lines indicate work to be removed.
- Field verify all dimensions and clearances before beginning construction.

PRELIMINARY

Not for Construction

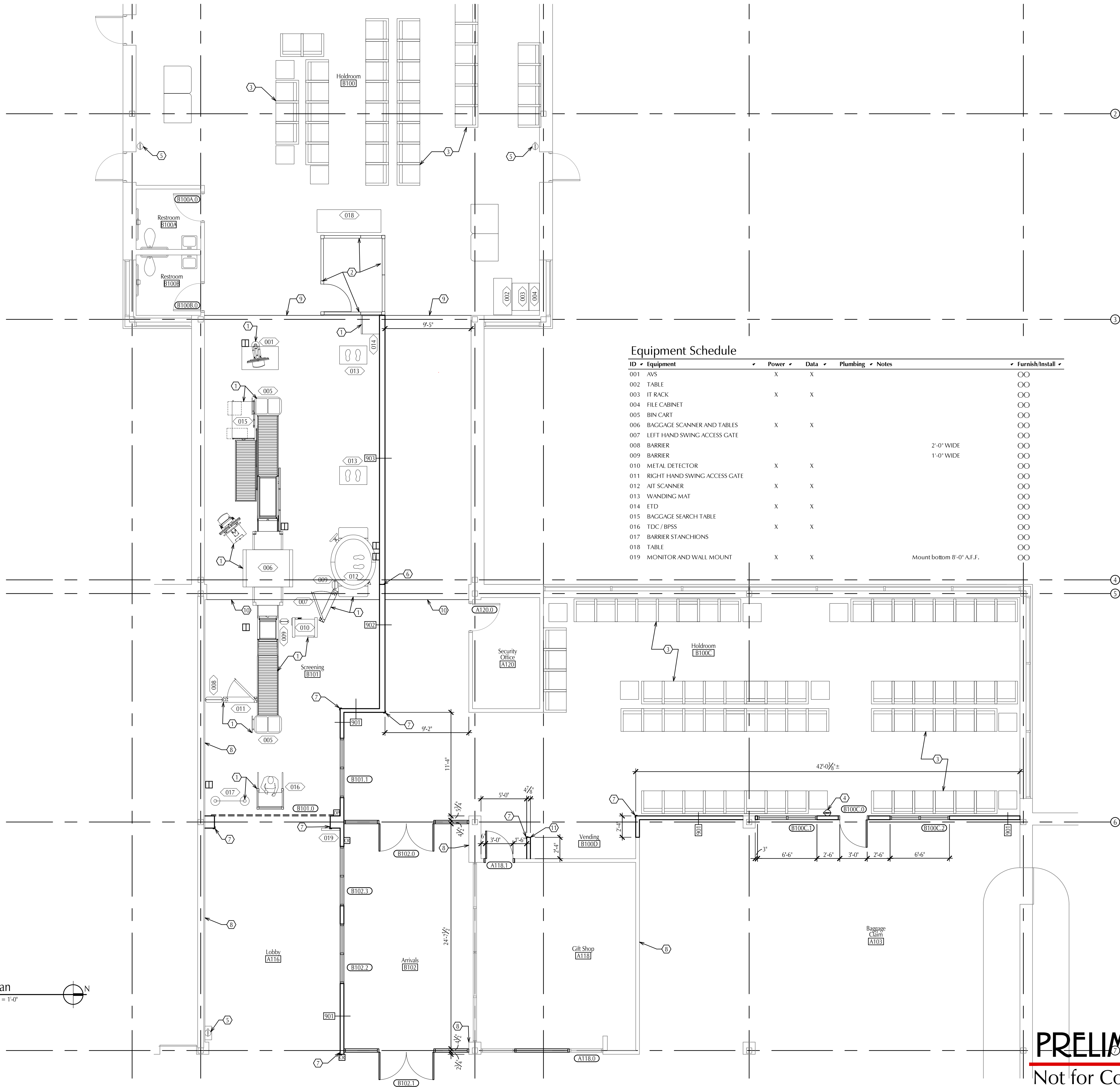
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Holdroom Expansion

Demolition Plan

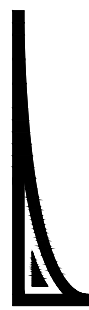
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Floor Plan
SCALE: 3/16" = 1'-0"



Keynotes

- Existing security equipment to be relocated under separate contract by owner. Contractor will schedule work to accommodate equipment relocation and utility connections.
- Contractor to disassemble private screening room partitions and reinstall in new location shown.
- Seating to be provided by owner under separate contract.
- Provide 3A-40B.C fire extinguisher on wall bracket.
- Existing fire extinguisher to remain.
- Partition changes from type 902 to type 903 at face of soffit.
- Stainless steel corner guard per 10 26 00.
- Prep gypsum board at removed vinyl wall covering and provide PNT-1 finish.
- New carpet and wall base east of this line, existing carpet and base to remain west of this line.
- New carpet and wall base west of this line, existing tile and tile base to remain east of this line.
- Construct new partition wall with 3 5/8" steel studs and 5/8" gypsum board to bottom of existing soffit.

Equipment Schedule

ID	Equipment	Power	Data	Plumbing	Notes	Furnish/Install
001	AVS	X	X			OO
002	TABLE					OO
003	IT RACK	X	X			OO
004	FILE CABINET					OO
005	BIN CART					OO
006	BAGGAGE SCANNER AND TABLES	X	X			OO
007	LEFT HAND SWING ACCESS GATE					OO
008	BARRIER				2'-0" WIDE	OO
009	BARRIER				1'-0" WIDE	OO
010	METAL DETECTOR	X	X			OO
011	RIGHT HAND SWING ACCESS GATE					OO
012	AIT SCANNER	X	X			OO
013	WANDING MAT					OO
014	ETD	X	X			OO
015	BAGGAGE SEARCH TABLE					OO
016	TDC / BPSS	X	X			OO
017	BARRIER STANCHIONS					OO
018	TABLE					OO
019	MONITOR AND WALL MOUNT	X	X		Mount bottom 8'-0" A.F.F.	OO

General Notes

- Light lines indicate work to remain. Dark lines indicate new work.
- Field verify all dimensions and clearances before beginning construction.

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Floor Plan

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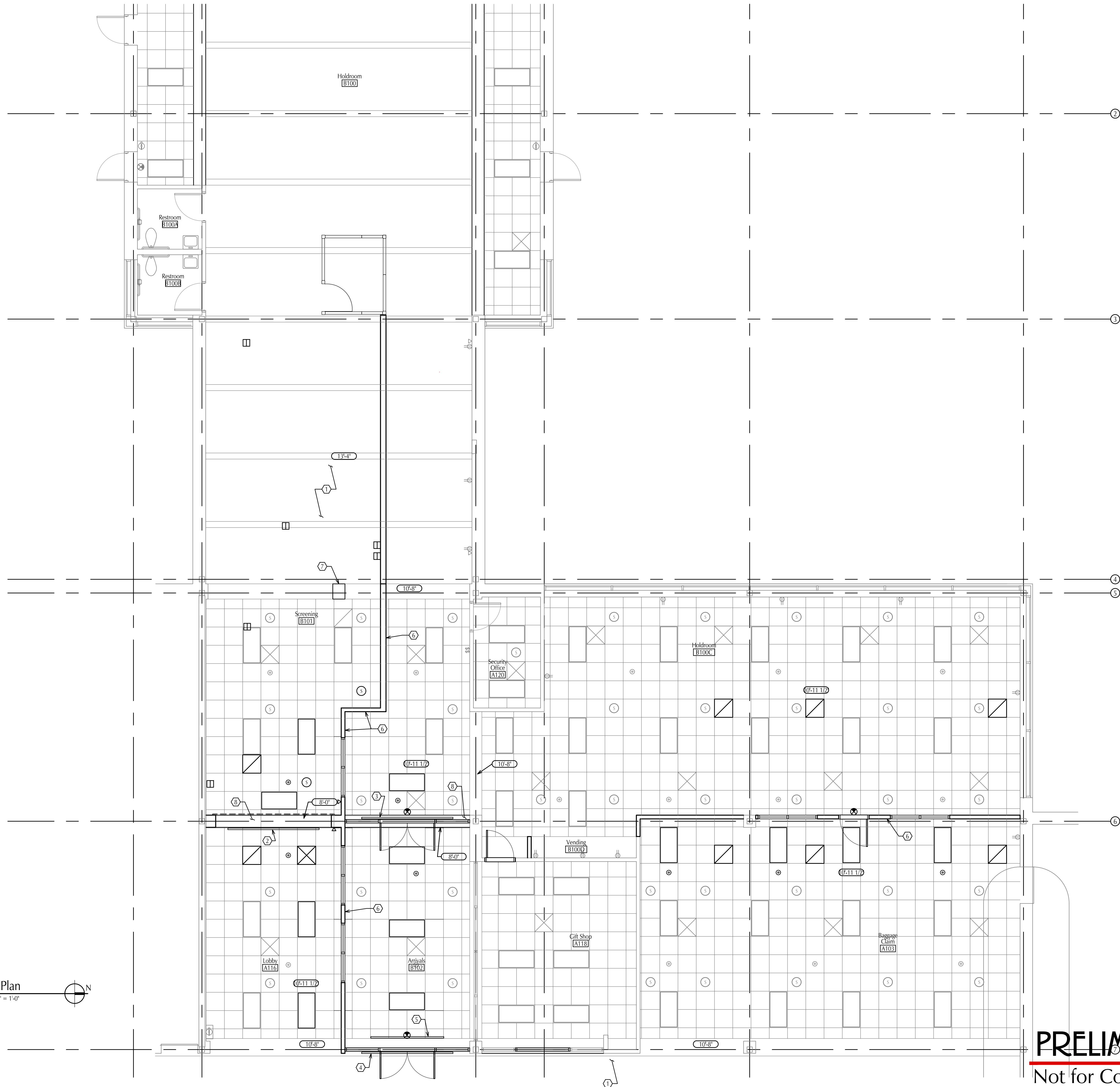
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A100

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Ceiling Plan
SCALE: 3/16" = 1'-0"

Keynotes

1. Open to structure above.
2. Reinstall existing sign above door, "ALL GATES ENTER THROUGH SECURITY".
3. Reinstall existing sign above door, "BAGGAGE CLAIM, GROUND TRANSPORTATION".
4. Reinstall existing sign above door, "DO NOT ENTER".
5. Reinstall existing sign above door, "<-- BAGGAGE CLAIM".
6. Modify existing ceiling as required at new partition wall.
7. Patch existing soffit at removed pier. Paint soffit PNT-1 to match walls.
8. Construct new soffit with 5/8" gypsum board over light gage framing at 24" o.c. Paint PNT-1 to match walls.

General Notes

1. Light lines indicate work to remain. Dark lines indicate work to be removed.
2. Field verify all dimensions and clearances before beginning construction.

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Holdroom Expansion

Reflected Ceiling Plan

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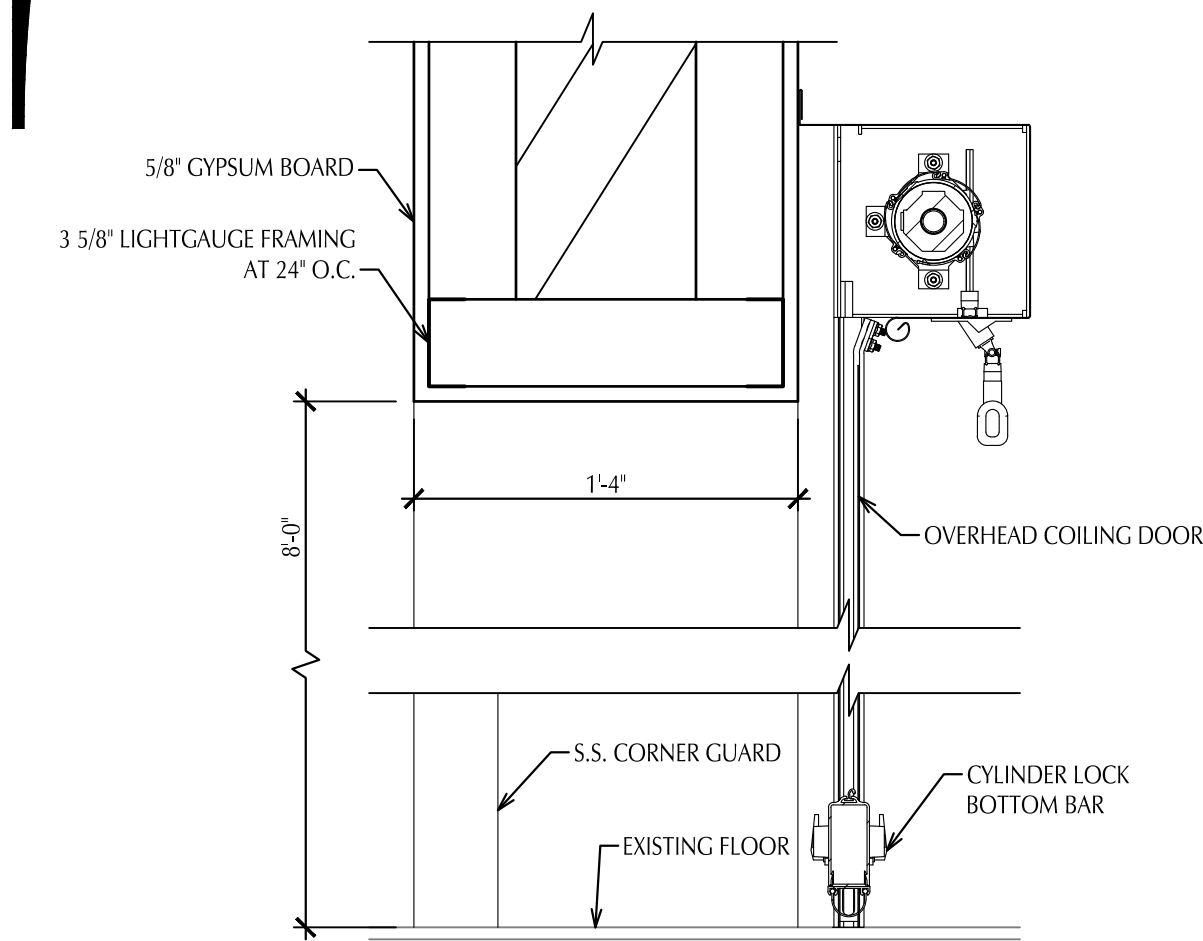
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A101

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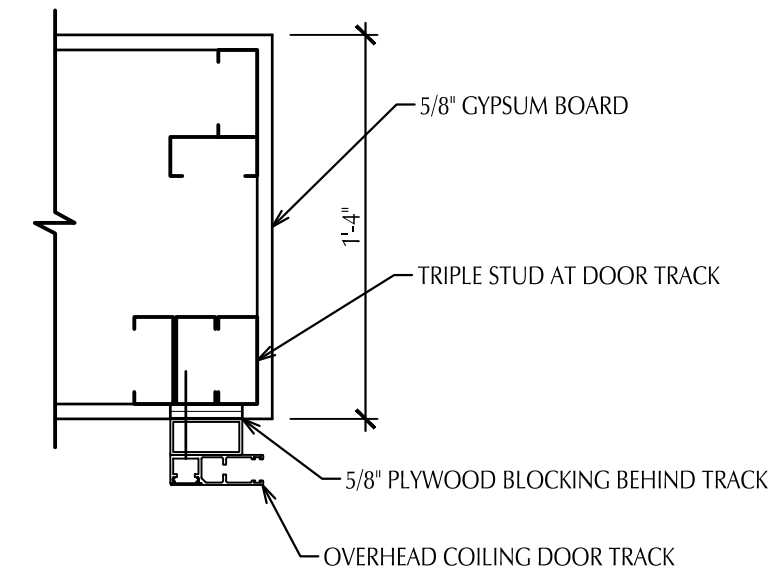
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Overhead Coiling
Door Section

SCALE: 1 1/2" = 1'-0"

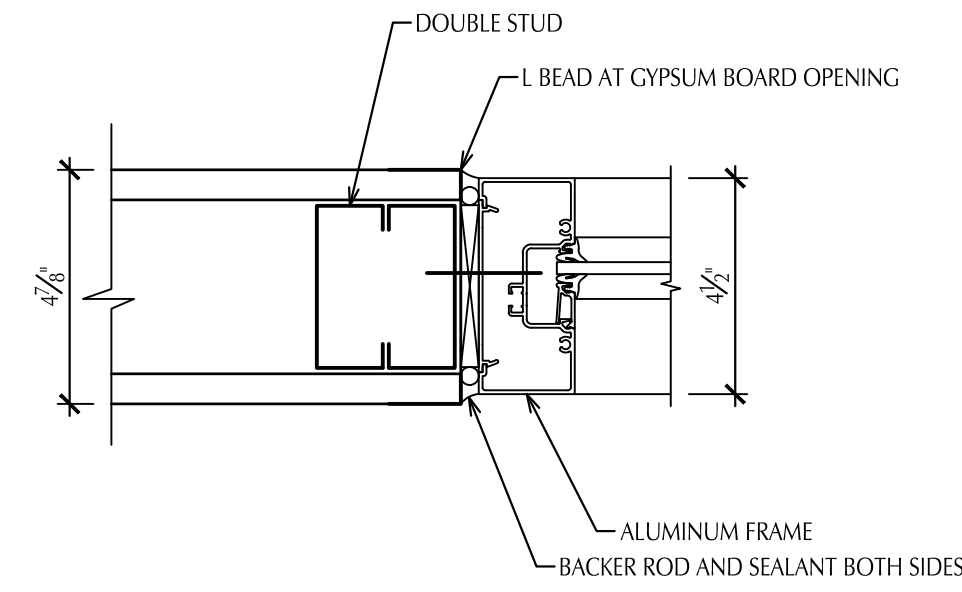
1
A500



Overhead Coiling
Door Jamb

SCALE: 1 1/2" = 1'-0"

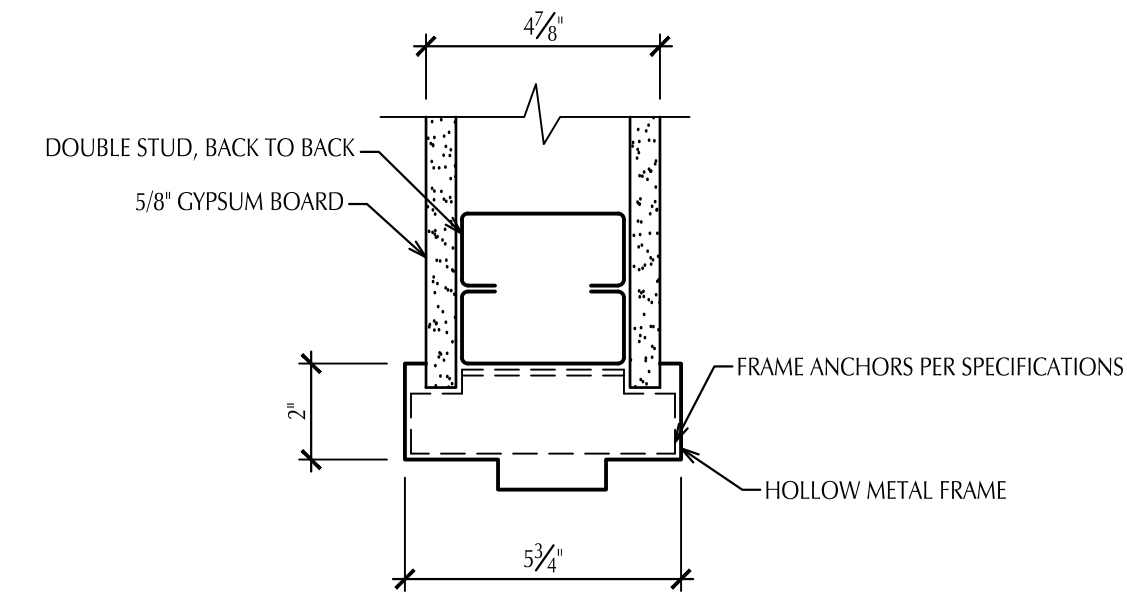
2
A500



Aluminum Storefront
Jamb Detail

SCALE: 3" = 1'-0"

3
A500



HM Frame Detail

SCALE: 3" = 1'-0"

4
A500



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Details

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Room Finish Schedule

ROOMS		CEILING	FLOOR	WALLS	TRIM	NOTES
NUMBER	ROOM NAME					
A103	Baggage Claim	EXIST	EXIST	PNT-1	RB-1	1,2,3
A116	Lobby	EXIST	EXIST	PNT-1	RB-1	1,2,3
A118	Gift Shop	EXIST	EXIST	EXIST	EXIST	--
A120	Security Office	EXIST	EXIST	EXIST	EXIST	--
B100	Holdroom	EXIST	EXIST / CPT-1	EXIST	EXIST / RB-1	4
B100A	Restroom	EXIST	EXIST	EXIST	EXIST	--
B100B	Restroom	EXIST	EXIST	EXIST	EXIST	--
B100C	Holdroom	EXIST	EXIST	PNT-1	RB-1	1,2,3
B100D	Vending	EXIST	EXIST	EXIST	EXIST	--
B101	Screening	EXIST	EXIST	PNT-1	RB-1	1,2,3
B102	Arrivals	EXIST	EXIST	PNT-1	RB-1	1,2,3

Door Schedule

NUMBER	FRAME		DOOR							DETAILS				FIRE RATING	HDM. SET	REMARKS
	TYPE	MATERIAL	TYPE	MATERIAL	NUMBER	WIDTH	HEIGHT	THICKNESS	GLAZING	HEAD	JAMB	SILL	MULLION			
A118.0	EXIST	--	EXIST	--	-	---	---	---	-	-/-	-/-	-/-	-/-	-	-	3
B100C.0	1	HM	F	HM	1	3'-0"	7'-0"	1 3/4"	-	4/A500 SIM.	4/A500	-/-	-/-	-	4	-
A120.0	EXIST	--	EXIST	--	-	---	---	---	-	-/-	-/-	-/-	-/-	-	-	-
B100A.0	EXIST	--	EXIST	--	-	---	---	---	-	-/-	-/-	-/-	-/-	-	-	-
B100B.0	EXIST	--	EXIST	--	-	---	---	---	-	-/-	-/-	-/-	-/-	-	-	-
B100C.0	1	HM	F	HM	1	3'-0"	7'-0"	1 3/4"	-	4/A500 SIM.	4/A500	-/-	-/-	-	3	-
B100C.1	2	AL	-	--	-	6'-6"	5'-4"	---	TMP	3/A500 SIM.	3/A500	3/A500 SIM.	-/-	-	-	2
B100C.2	2	AL	-	--	-	6'-6"	5'-4"	---	TMP	3/A500 SIM.	3/A500	3/A500 SIM.	-/-	-	-	2
B101.0	-	AL	OCD	AL	1	12'-8"	8'-0"	---	-	1/A500	2/A500	-/-	-/-	-	1	1
B101.1	2	AL	-	--	-	6'-6"	5'-4"	---	TMP	3/A500 SIM.	3/A500	3/A500 SIM.	-/-	-	-	2
B102.0	3	AL	1G	AL	2	3'-0"	7'-10"	1 3/4"	TMP	3/A500 SIM.	3/A500	-/-	-/-	-	2	-
B102.1	4	AL	1G	AL	2	3'-0"	7'-10"	1 3/4"	TMP	3/A500 SIM.	3/A500	-/-	-/-	-	2	-
B102.2	2	AL	-	--	-	6'-6"	5'-4"	---	TMP	3/A500 SIM.	3/A500	3/A500 SIM.	-/-	-	-	2
B102.3	2	AL	-	--	-	6'-6"	5'-4"	---	TMP	3/A500 SIM.	3/A500	3/A500 SIM.	-/-	-	-	2

Key to Schedules

EXIST Existing to remain
HM Hollow metal (steel)
AL Aluminum
OCD Overhead Coiling Door
TMP Tempered 1/4" glass

Door Schedule Remarks

- Door hardware supplier to provide door switch and cylinder per hardware set 1. Remainder of hardware by coiling door supplier per specification 08 33 23.
- Provide borrowed lite frame per 08 41 13 with 1/4" tempered glass.
- Infill opening for removed sliding door per door type 5. Field verify dimensions.

Key to Room Finish Schedule

CEILING FINISHES

ATC-1 Acoustical tile ceiling
ATC-2 Acoustical tile ceiling

CBC-1 5/8" gypsum board ceiling applied to bottom of trusses, flat latex paint finish.
CBC-2 Two layers of 5/8" gypsum board applied to bottom of trusses, one hour rated, flat latex paint finish.

FLOOR FINISHES

CNC-1 Trowelled concrete slab with sealer.

VCT-1 Vinyl composition tile, color 1.
VCT-2 Vinyl composition tile, color 2.

CPT-1 Carpet.

CMT-1 2x2 ceramic mosaic tile.

QTF-1 6x6 quarry tile floor, thin set.

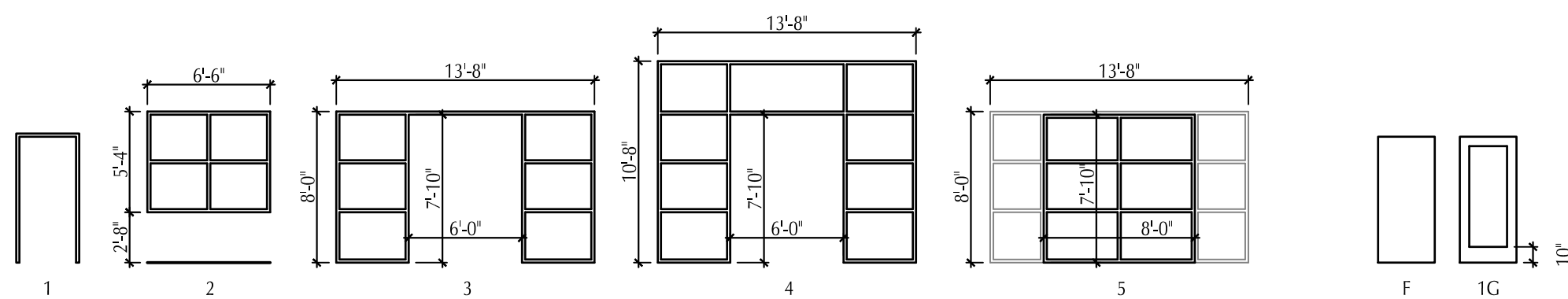
WALL FINISHES

PNT-1 Latex paint, egg-shell finish, color 1.

TRIM

RB-1 Resilient coved base, color 1.

Door & Frame Types



Finish Schedule Notes

- Modify existing ceiling as required at new partition wall.
- Provide PNT-1 finish on new partition wall and where noted by keynote 8/A100.
- Provide resilient base on new partition wall, existing wall base to remain in rest of room.
- Provide new carpet and wall base as indicated by keynotes 9 and 10/A100. Existing flooring to remain beyond.

Finish Schedule General Notes

- See floor plans for room name, number, and location.
- Ceiling heights shown are above finished floor.
- Review floor plans for additional notes on finish locations and extent.
- Paint hollow metal doors and frames PNT-1.

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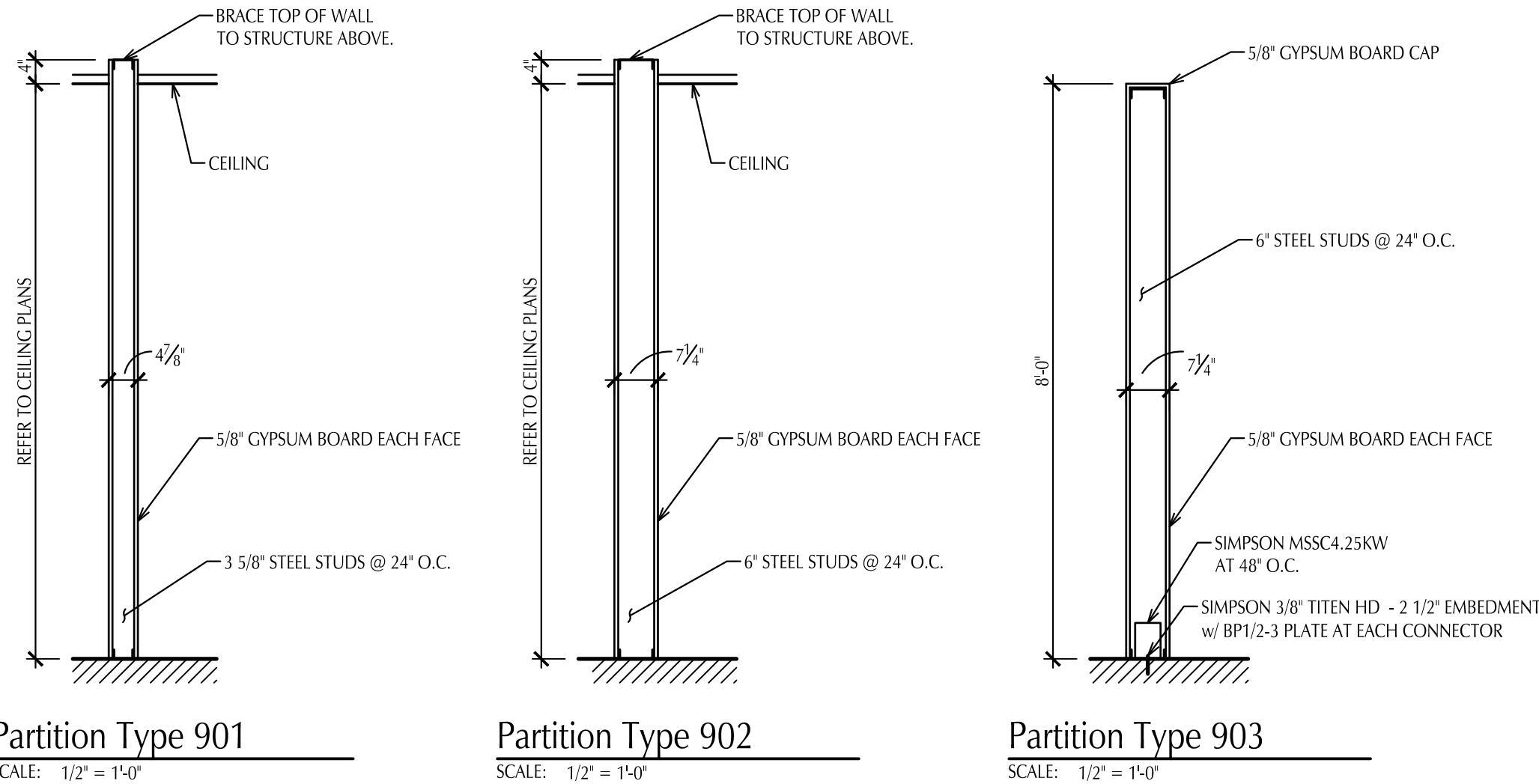
Schedules

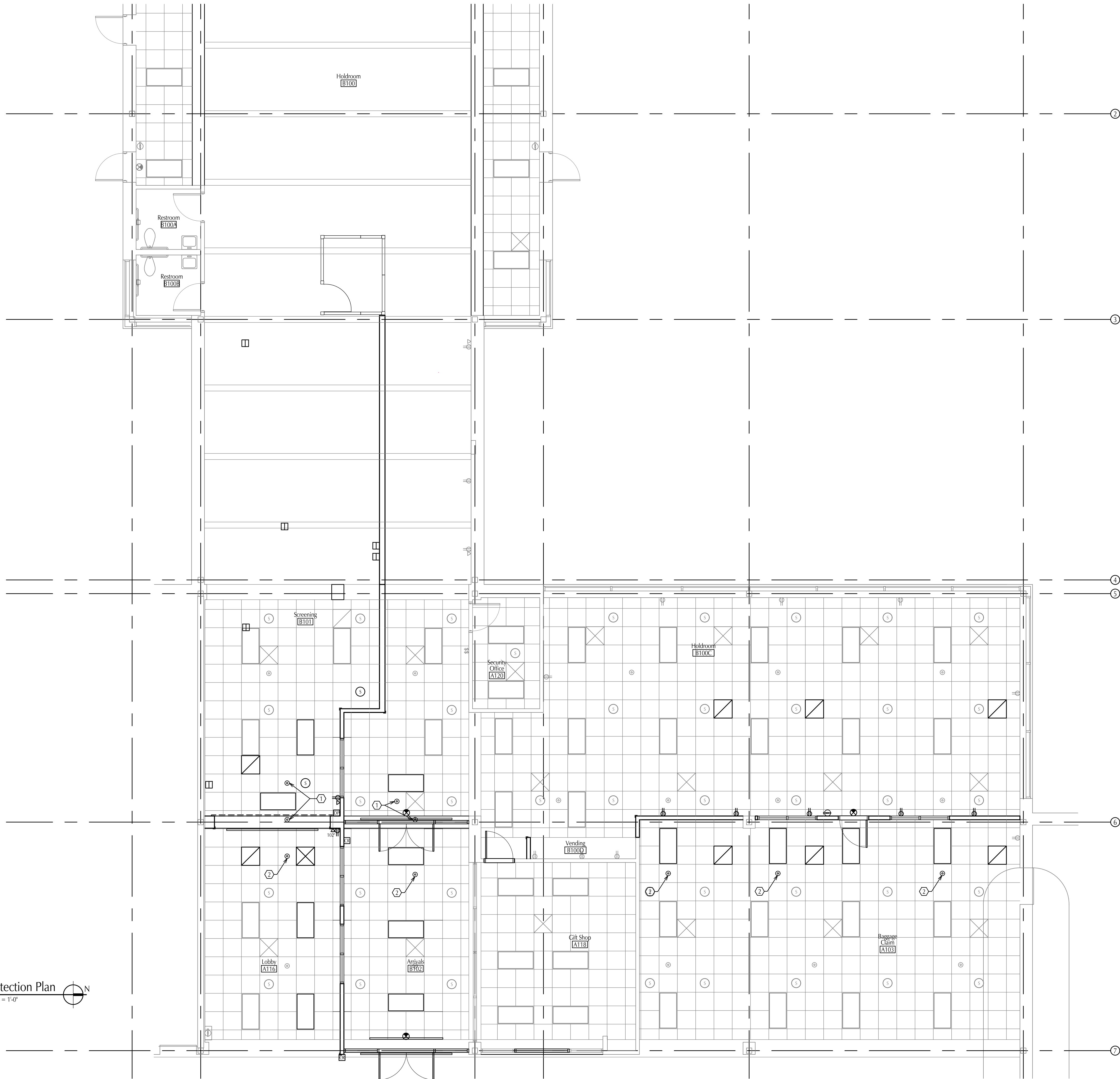
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Fire Protection Plan
SCALE: 1/16" = 1'-0"

Keynotes

- 1. Relocate existing sprinkler head.
- 2. Extend existing piping and provide new chrome pendant sprinkler head to match existing.

General Notes

- 1. Light lines indicate work to remain. Dark lines indicate new work.
- 2. Field verify all dimensions and clearances before beginning construction.

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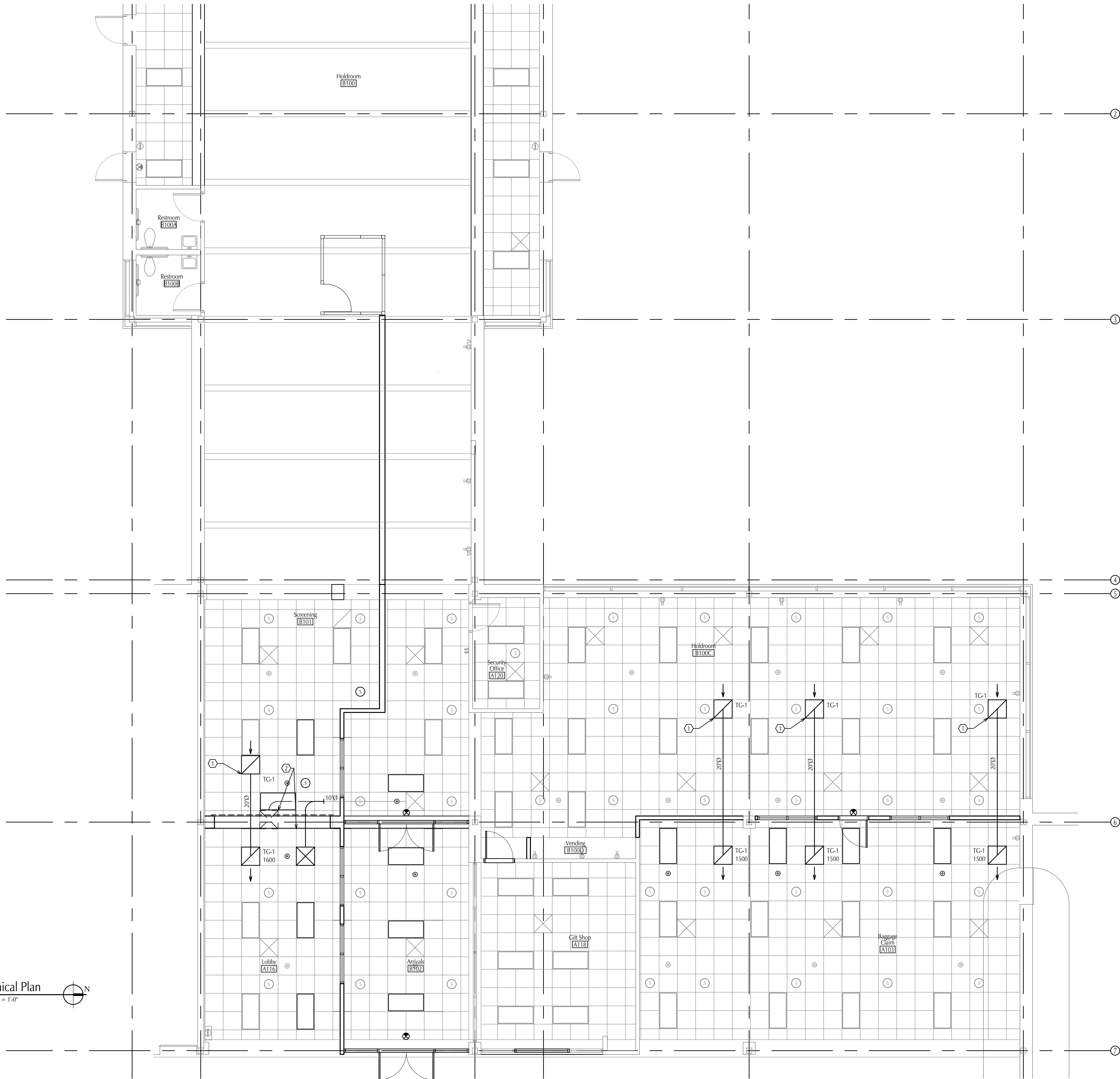
Fire Protection Plan

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F100

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Mechanical Plan
SCALE: 1/16" = 1'-0"

Keynotes

1. Provide new ducted transfer grilles. TC-1 grilles to be 24x24 perforated steel return diffuser, Titus PAR or equal.
2. Relocate existing supply diffuser, modify ductwork as required.

General Notes

1. Light lines indicate work to remain. Dark lines indicate new work.
2. Field verify all dimensions and clearances before beginning construction.

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Mechanical Plan

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Electrical Plan
SCALE: 1/16" = 1'-0"

Keynotes

- Existing electrical panel "SECURITY". Provide lock kit for Square D QO panel.
- Provide new duplex receptacles on this wall. Provide new circuit to existing panel EMRPA in electrical room approximately 75 feet east and 120 feet south. Replace existing spare circuit 8 15A breaker in existing Cutler Hammer panel with new 20A breaker.
- Existing power pole. Relocate to new equipment location in phase 3 and extend existing circuits fed by panel "SECURITY" to new locations. Existing equipment circuits include (7) 20A 120V circuits and (2) 30A 120V circuits.
- Remove existing credential readers with keypads and reinstall in new location per keynote 5.
- Reinstall credential reader and connect to security panel and electric latch retractors.
- Provide cabling from door position switch provided by door hardware supplier to security panel.
- Relocate power and data from existing monitor location. Install at 102" a.f.f.
- Provide 20 new CAT 6A data cables from new equipment locations to existing patch panel in IT cabinet.
- Coordinate cable routing with owner retained equipment relocation contractor.
- Extend existing 20A 120V circuit feeding private screening room receptacles to new screening room location. Provide 2 new CAT 6A data cables from private screening room to existing patch panel in IT Cabinet.
- Remove existing receptacle and conductors at new door opening.
- Provide 2 new CAT 6A data cables with RH45 wall plate at this location to existing patch panel in IT cabinet.
- Provide new 20A duplex receptacle connected to existing circuit feeding podium power pole.

General Notes

- Light lines indicate work to remain. Dark lines indicate new work.
- Field verify all dimensions and clearances before beginning construction.
- New data cabling to be CAT6A. Contractor to install, terminate, and test cabling.

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Electrical Plan

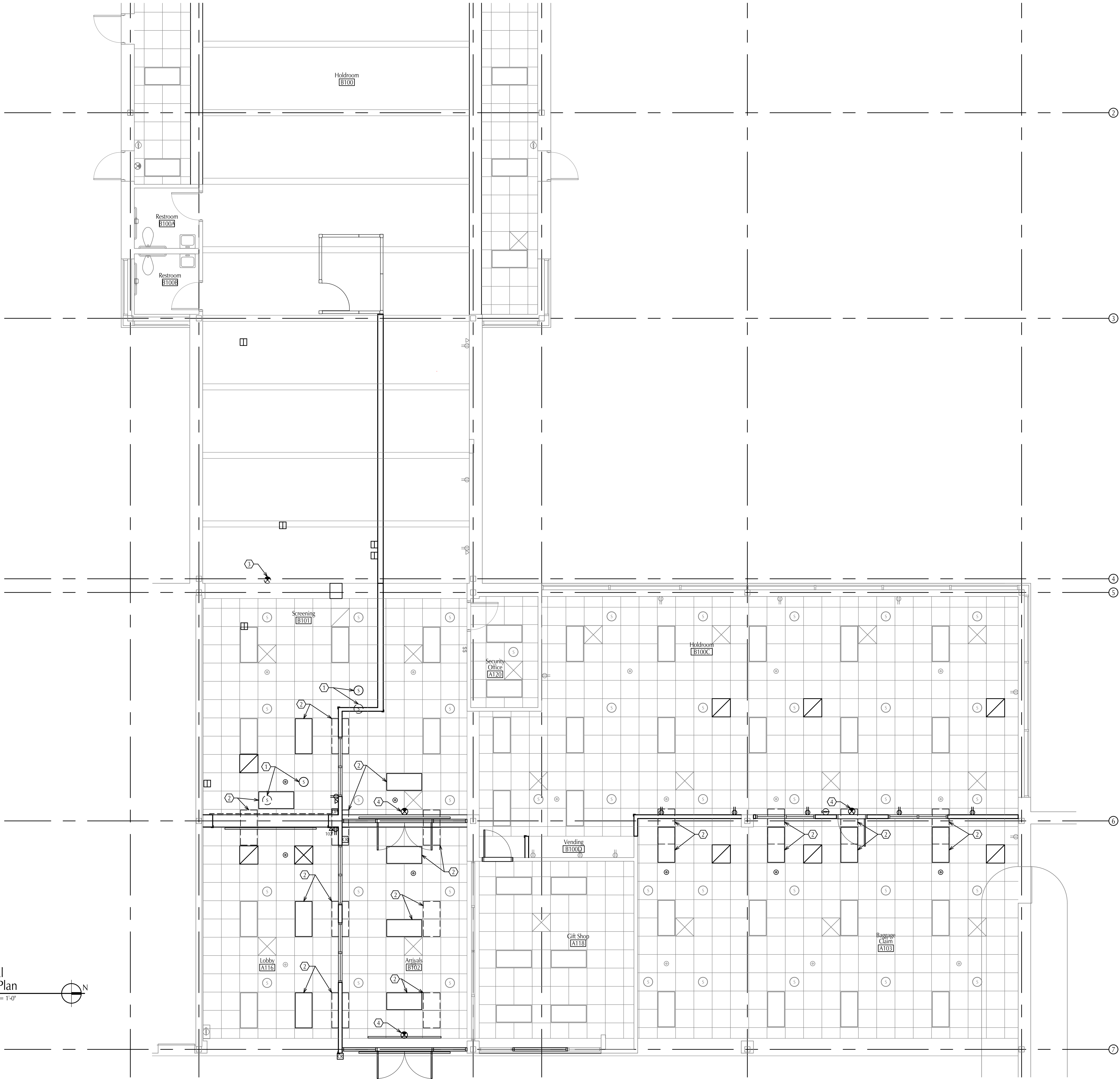
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E100

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Electrical
Ceiling Plan
SCALE: 3/16" = 1'-0"



Keynotes

1. Relocate existing speaker.
2. Relocate existing lay in ceiling troffer.
3. Remove exit sign and provide blank cover plate.
4. New exit sign, Sure-Lite APA7R or equal. Connect to existing lighting circuit ahead of switching.

General Notes

1. Light lines indicate work to remain. Dark lines indicate new work.
2. Field verify all dimensions and clearances before beginning construction.

PRELIMINARY

Not for Construction

County of Marquette
Marquette Sawyer Regional Airport
Holdroom Expansion

Electrical Ceiling Plan

ISSUED FOR: Client Review
Client Review

1-23-2024
2-22-2024

**NORTHERN
DESIGN
WORKS**

E101

PROJECT NO. 2339

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