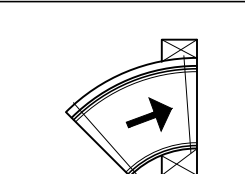
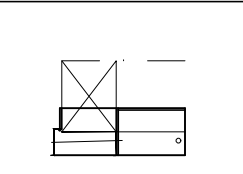
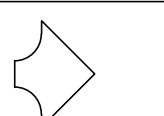
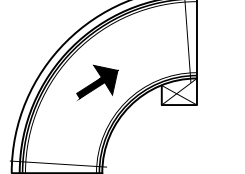
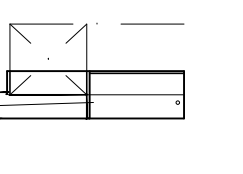
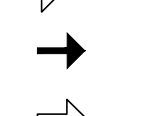
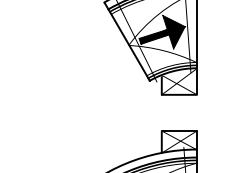
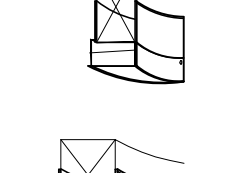
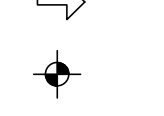
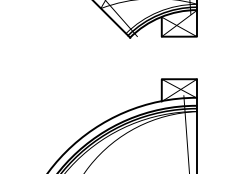
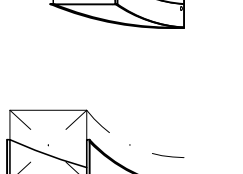
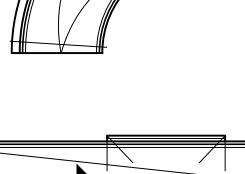
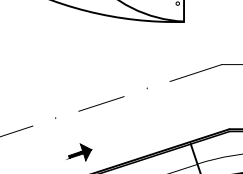
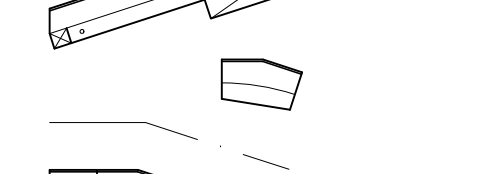
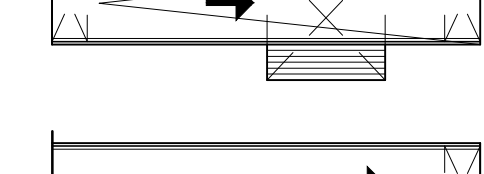
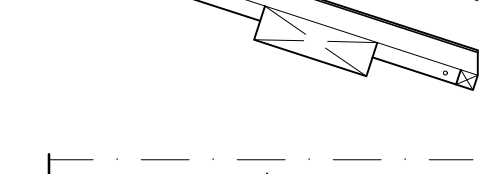
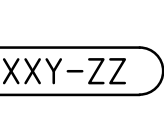
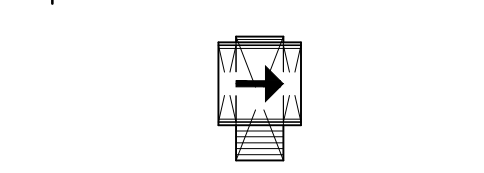
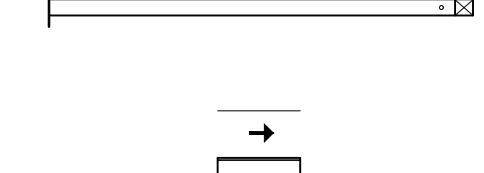
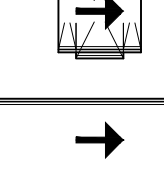
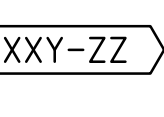
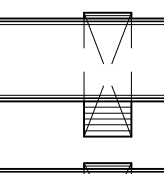
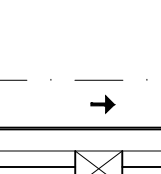
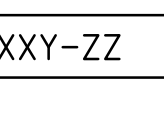
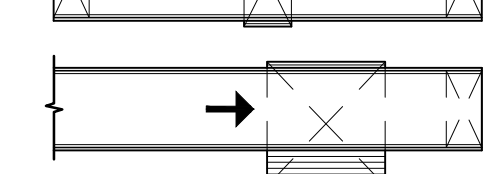
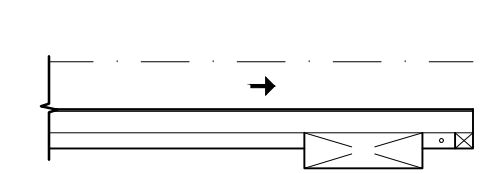
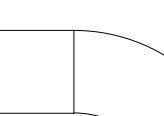
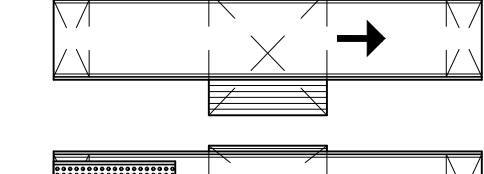
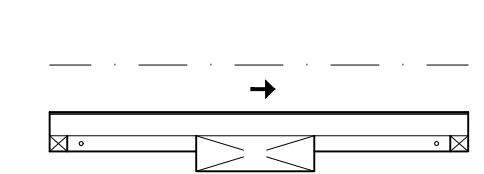
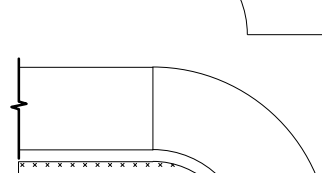
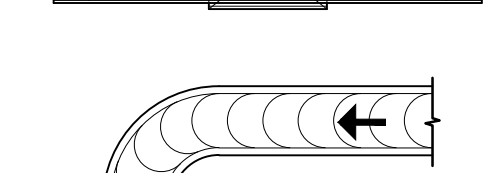
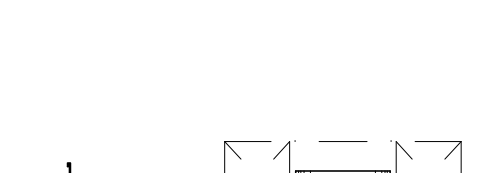
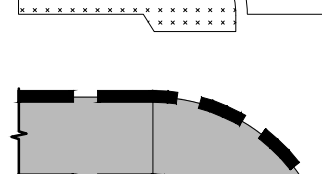
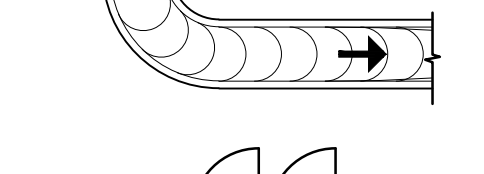
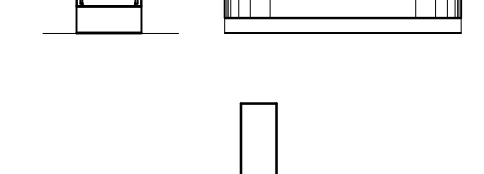
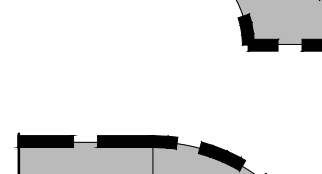
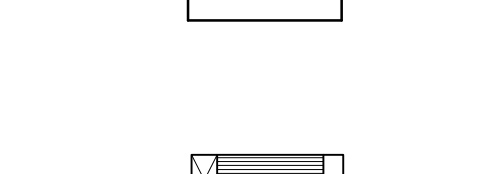
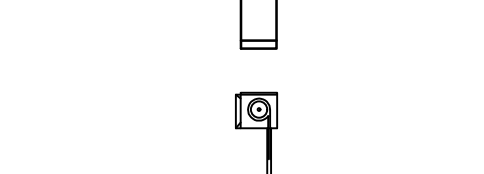
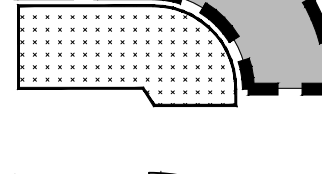
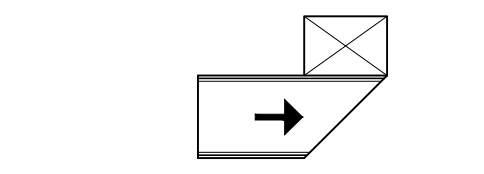
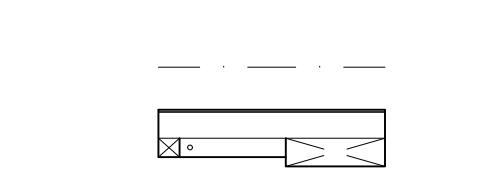
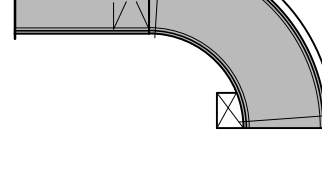
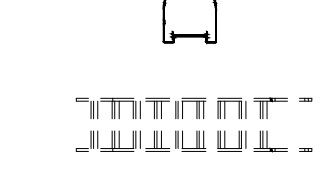
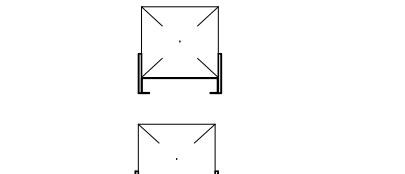
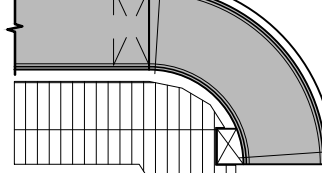
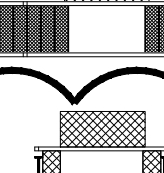
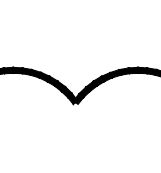
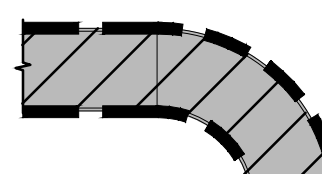
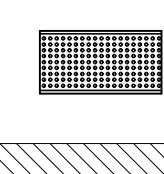
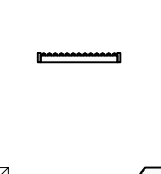
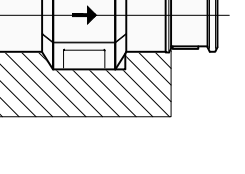
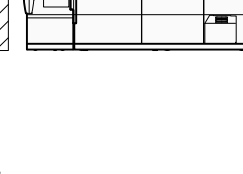
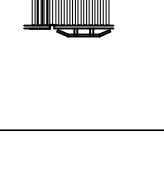
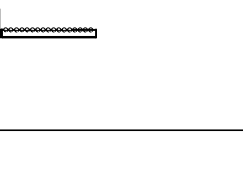


CONVEYOR LEGEND FOR PLANS		CONVEYOR LEGEND FOR ELEVATIONS		GENERAL SYMBOL LEGEND		ABBREVIATIONS		SHEET LIST	
	45° POWER TURN (OPTIONAL DRIVE LOCATIONS SHOWN)		45° POWER TURN		TUG & CART TRAFFIC FLOW DIRECTION	GENERAL ABBR	DESCRIPTION	SHEET NO.	DESCRIPTION
	90° POWER TURN (OPTIONAL DRIVE LOCATIONS SHOWN)		90° POWER TURN		CONVEYOR FLOW DIRECTION	AFF	ABOVE FINISHED FLOOR	B.001	SYMBOLS, LEGEND, ABBREVIATIONS AND SHEET LIST
	30° SPIRAL POWER TURN (OPTIONAL DRIVE LOCATIONS SHOWN) (MAX ELEVATION CHANGE 0'-8")		30° SPIRAL POWER TURN		LOWER CONVEYOR FLOW DIRECTION	ALT	ALTERNATE	B.002	GENERAL - CONVEYOR MANIFEST
	45° SPIRAL POWER TURN (OPTIONAL DRIVE LOCATIONS SHOWN) (MAX ELEVATION CHANGE 1'-0")		45° SPIRAL POWER TURN		TOP OF BELT ELEVATION (UNLESS OTHERWISE NOTED)	AMSL	ABOVE MEAN SEA LEVEL	B.100	GENERAL ARRANGEMENT - EXISTING CONDITIONS
	90° SPIRAL POWER TURN (OPTIONAL DRIVE LOCATIONS SHOWN) (MAX ELEVATION CHANGE 2'-0")		90° SPIRAL POWER TURN		POWER DROP POINT DESIGNATION	ARCH	PROJECT ARCHITECT	B.101	PARTIAL PLAN - EXISTING CONDITIONS
	INCLINE CONVEYOR (DRIVE LOCATION VARIES)		INCLINE CONVEYOR (DRIVE LOCATION VARIES)		EXISTING MOTOR CONTROL PANEL	BLDG	BUILDING	B.200	GENERAL ARRANGEMENT - PROPOSED CONDITIONS
	DECLINE CONVEYOR (DRIVE LOCATION VARIES)		DECLINE CONVEYOR (DRIVE LOCATION VARIES)		NEW MOTOR CONTROL PANEL	BOS	BOTTOM OF STEEL	B.201A	PARTIAL PLAN - PROPOSED CONDITIONS
	END ROLLER		END ROLLER		ITEM NUMBER EXISTING EQUIPMENT	BOT	BOTTOM	B.201B	PARTIAL PLAN - PROPOSED CONDITIONS CONVEYOR ID'S
	METERING CONVEYOR		METERING CONVEYOR		ITEM NUMBER RE-NUMBERED UNMODIFIED EQUIPMENT	CENTL	CENTRAL	B.202	PROPOSED CONDITIONS - SCREENING AREA DETAIL PLAN
	METERING CONVEYOR WITH UNDER SLUNG DRIVE		METERING CONVEYOR WITH UNDER SLUNG DRIVE		ITEM NUMBER NEW OR REWORKED EQUIPMENT	CL	CENTERLINE	B.301	SECTIONS - FACING NORTH
	24" MINI-PULLER DRIVE		24" MINI-PULLER DRIVE		ITEM NUMBER ELECTRICAL CONTROL DEVICE	CLR	CLEAR	B.302	SECTIONS - FACING EAST
	24" MINI-CENTER DRIVE		24" MINI-CENTER DRIVE		EXISTING CONVEYOR LINES TO REMAIN	CONT	CONTINUOUS	B.501	DETAIL PLAN - POWER REQUIREMENTS
	24" MINI UNDER SLUNG DRIVE		24" MINI-UNDERSLUNG DRIVE 24" MINI-CENTER DRIVE (DRIVE LOCATION VARIES)		EXISTING CONVEYOR LINES WITH MAINTENANCE PLATFORM TO REMAIN	CONV	CONVEYOR	B.502	CONTROLS - TYPICAL STATION DETAILS
	60" PULLER DRIVE		60" PULLER DRIVE		EXISTING CONVEYOR LINES AFFECTED BY ALTERATIONS (e.g., REMOVED, MODIFIED/RECONTROLLED OR RELOCATED)	DIA	DIAMETER	B.503	CONTROLS - CONTROL STATION LAYOUT
	60" CENTER DRIVE		60" CENTER DRIVE 60" UNDER SLUNG DRIVE (DRIVE LOCATION VARIES)		EXISTING CONVEYOR LINES WITH MAINTENANCE PLATFORM AFFECTED BY ALTERATIONS (e.g., REMOVED, MODIFIED/RECONTROLLED OR RELOCATED)	DWG	DRAWING	B.504	DETAIL PLAN - DOOR AND WALL OPENINGS
	60" UNDER SLUNG DRIVE		60" UNDER SLUNG DRIVE		NEW AND EXISTING REWORKED CONVEYOR LINES	EA	EACH	B.601	DETAIL PLAN - CATWALK AND BHS MAINTENANCE ACCESS
	FLAT PLATE DEVICE		FLAT PLATE DEVICE CROSS SECTION		NEW AND EXISTING REWORKED CONVEYOR LINES WITH MAINTENANCE PLATFORM	FIN	FINISH	B.701	TYPICAL DETAILS - LOADING
	MOTOR CONTROL PANEL (MCP)		MOTOR CONTROL PANEL (MCP)		EXISTING CONVEYOR LINES TO BE DEMOLISHED	FL	FLOOR	B.702	TYPICAL DETAILS - SUPPORTS
	FIRE DOOR		FIRE DOOR			FT	FOOT	B.703	TYPICAL DETAILS - SECURITY DOOR AND DRAFT CURTAIN
	45° MERGE CONVEYOR		45° MERGE CONVEYOR			INTFC	INTERFACE	B.704	TYPICAL DETAILS - CROSS OVER AND STAIR ACCESS
	FIXED VERTICAL LADDER		CONVEYOR CROSS SECTION			LBS	POUNDS	B.705	TYPICAL DETAILS - MAKE-UP AND CLAIM DEVICES
	SWING DOWN LADDER (WITH SAFETY GATE)		CONVEYOR W/ DRIVE CROSS SECTION			LIN	LINEAR	B.706	TYPICAL DETAILS - FLAT PLATE MAKE-UP DEVICE WITH TIP CHUTE FEED
	SHIPS LADDER TO SHIPS LADDER SWING OVER STYLE MAINTENANCE ACCESS		BALL MAT			LVL	LEVEL	B.707	TYPICAL DETAILS - ODDSIZE SLIDE
	VERTICAL LADDER TO VERTICAL LADDER SWING OVER STYLE MAINTENANCE ACCESS		CT80 DR+			MAINT	MAINTENANCE	B.708	TYPICAL DETAILS - BHS OPERATIONAL WARNING SIGNS
	BALL MAT		ROLLER CONVEYOR SWING GATE			MAX	MAXIMUM		
	CT80 DR+					MIN	MINIMUM		
	ROLLER CONVEYOR SWING GATE					NO	NUMBER		

IDENTIFICATION NOMENCLATURE

NEW OR REWORKED CONVEYOR I.D.

XXY-ZZ

SEQUENTIAL NUMBER OF COMPONENTS IN TRAIN
SEQUENTIAL NUMBER OF SUBSYSTEMS OF THIS TYPE
SUBSYSTEM DESCRIPTION IDENTIFIER

1ST SET OF ALPHA CHARACTERS SUBSYSTEM DESCRIPTION

"IB" - INBOUND CONVEYOR
"ME" - MANUAL ENCODING CONVEYOR
"OT" - OUTBOUND TRANSPORT CONVEYOR
"RC" - SORTATION RECIRCULATION CONVEYOR
"TX" - TRANSFER CONVEYOR
"XO" - CROSSOVER CONVEYOR
"LS" - LOWER SORT CONVEYOR
"US" - UPPER SORT CONVEYOR

SHEET NUMBER DESIGNATIONS

B.201

SHEET NUMBER
SHEET TYPE DESIGNATOR
DISCIPLINE DESIGNATOR

GORDON
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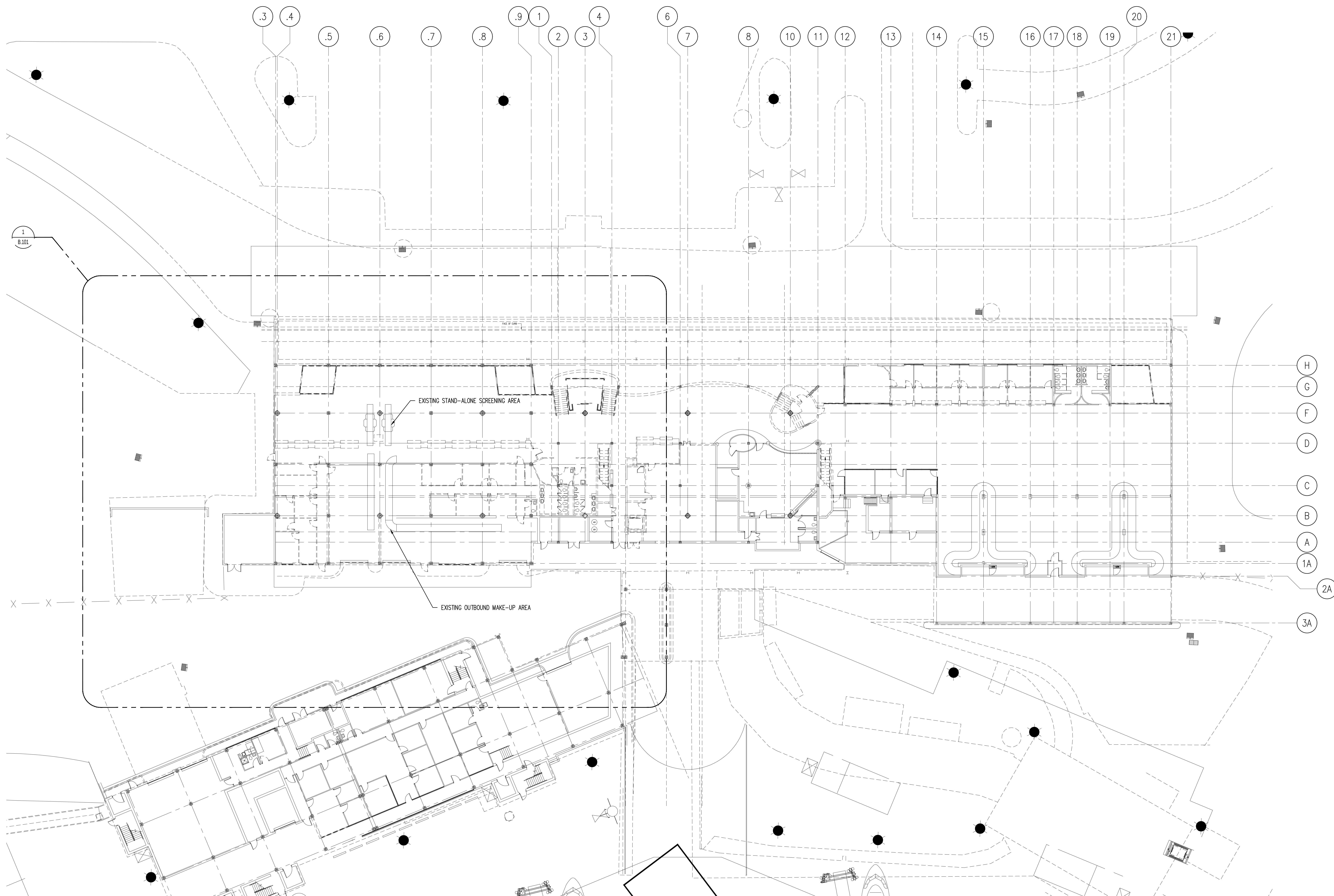
BWP
ASSOCIATES, P.C.
1000 WEST ROAD
FAYETTEVILLE, NC 28301

Fayetteville Regional Airport - Airline Terminal Improvements Part 2
FAY - BAGGAGE HANDLING SYSTEM
GENERAL NOTES
SYMBOLS, LEGEND, ABBREVIATIONS, SHEET LIST
400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: BDF
REVIEWED BY: MBD
DATE: 7-15-19
PROJECT NO.:

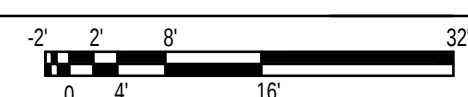
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ADDENDUM NO. 1
SHEET NUMBER

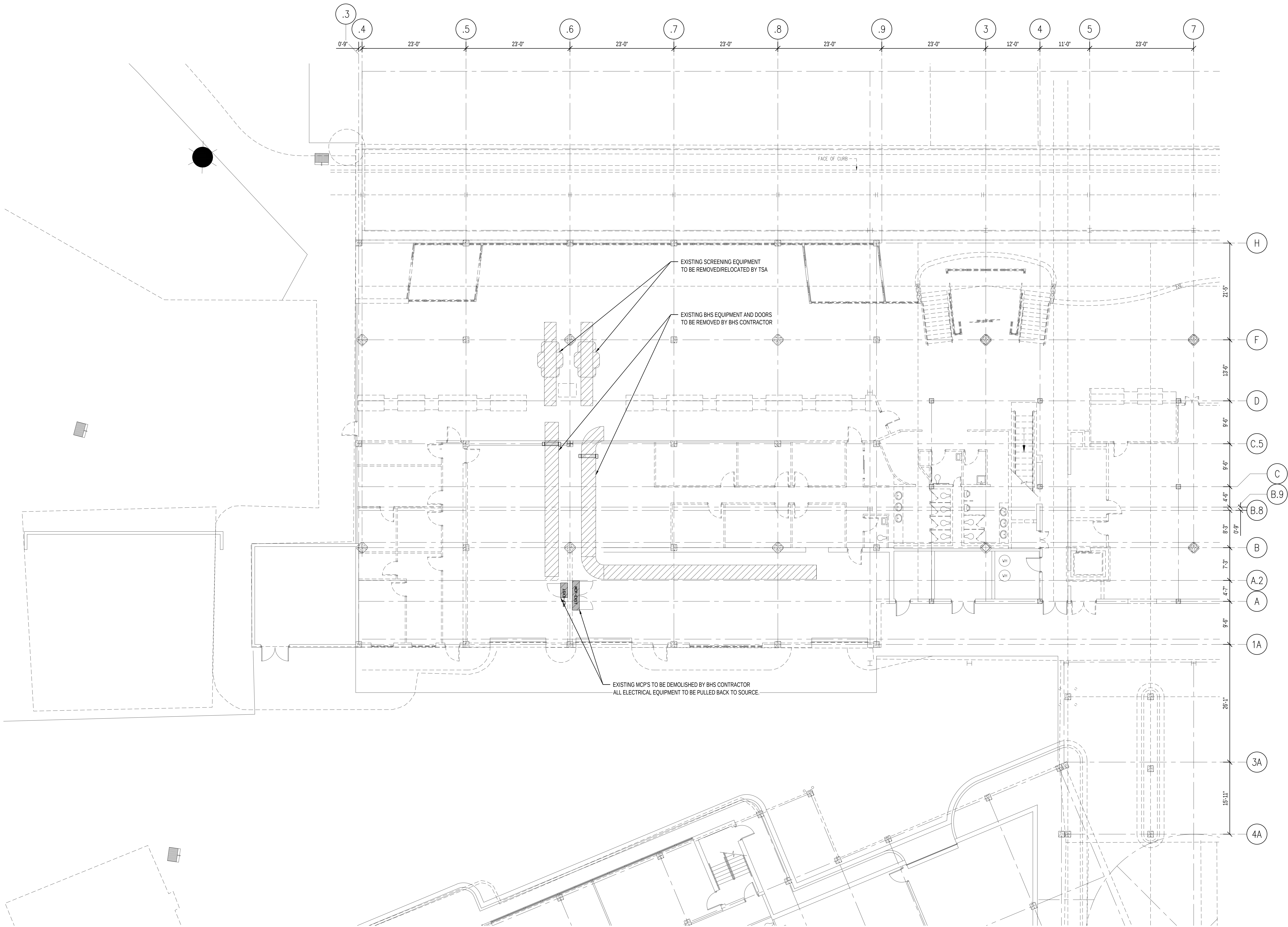
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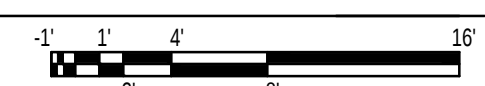
GENERAL ARRANGEMENT - EXISTING CONDITIONS

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





1
PARTIAL PLAN - EXISTING CONDITIONS
SCALE: 1/16" = 1'-0"

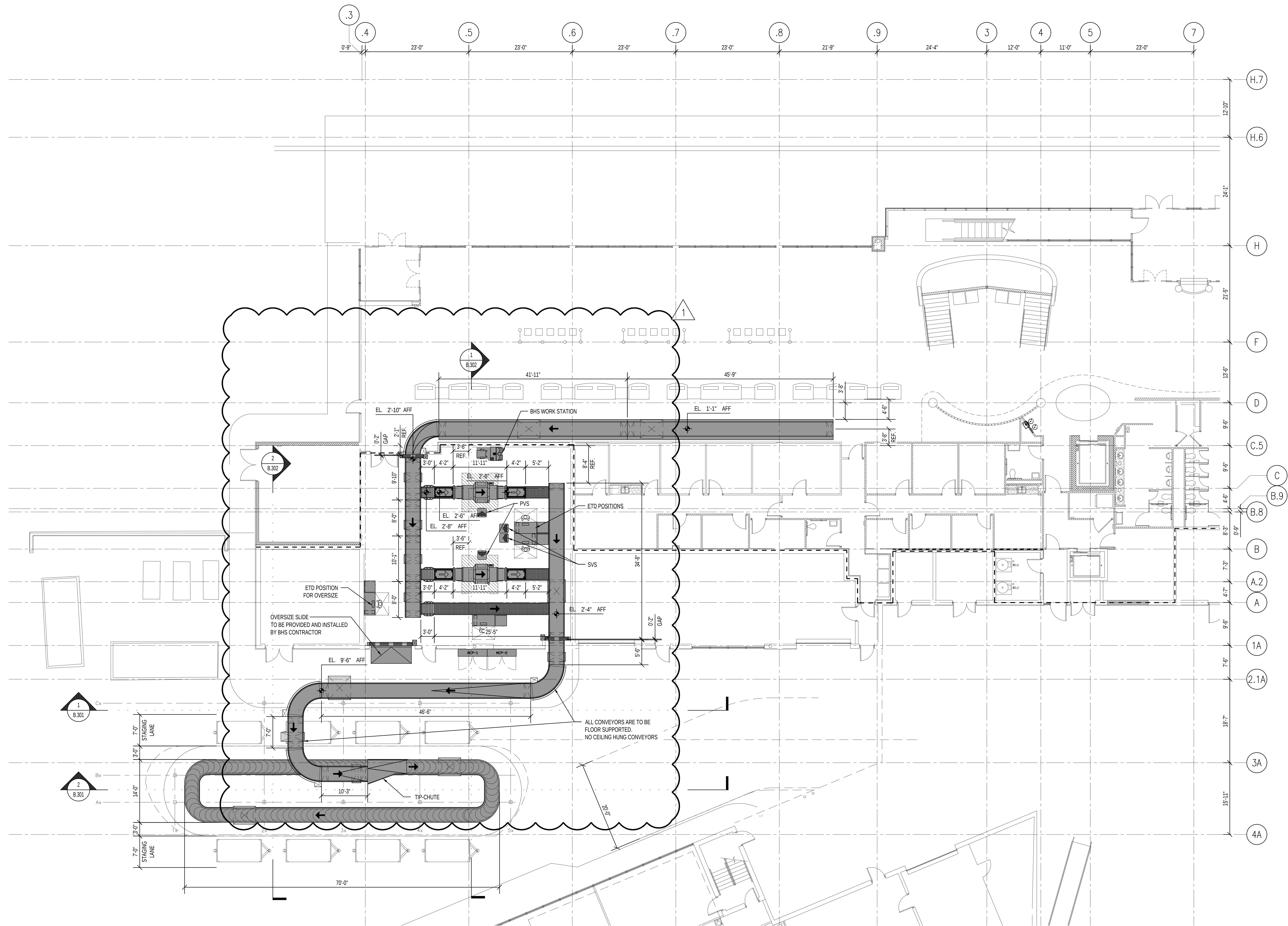
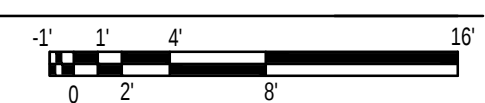




1

PARTIAL PLAN - PROPOSED CONDITIONS

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



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Fayetteville Regional Airport – Airline Terminal Improvements Part 2

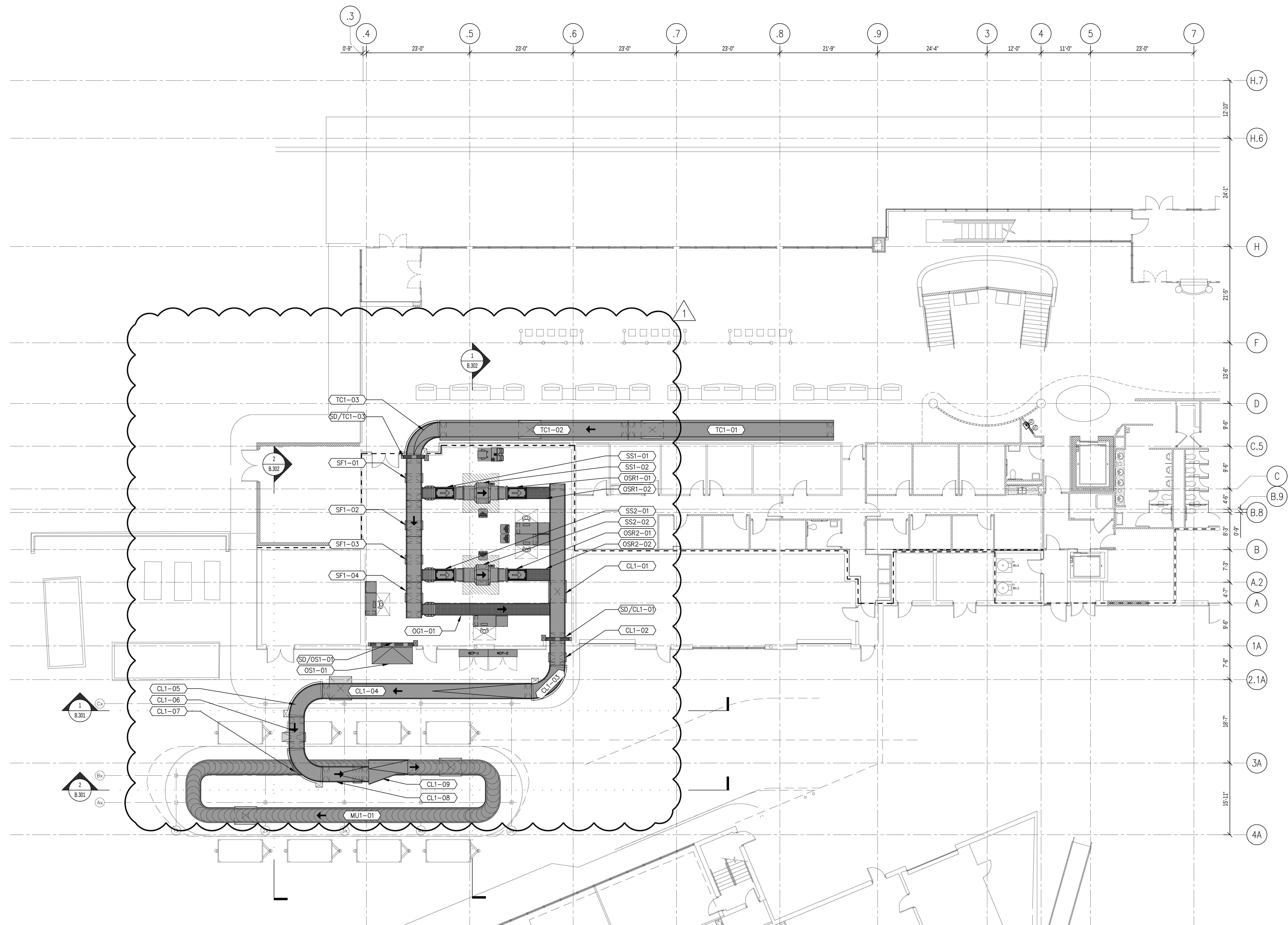
FAY – BAGGAGE HANDLING SYSTEM
PARTIAL PLAN
PROPOSED CONDITIONS

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: BDF
REVIEWED BY: MBD
DATE: 7-15-19
PROJECT NO.: 19-0000

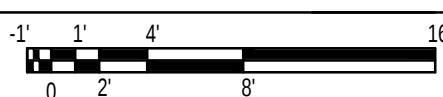
REVISIONS
1. ADDENDUM NO. 1
SHEET NUMBER

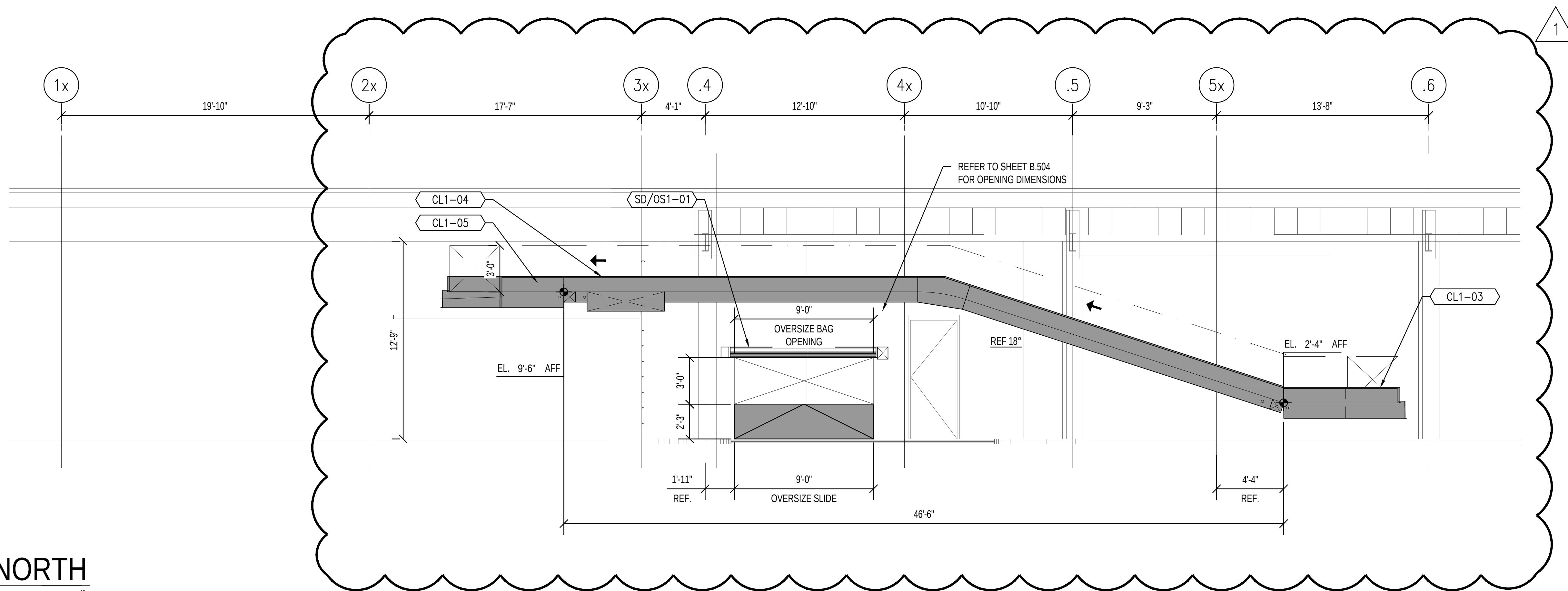
B.201A



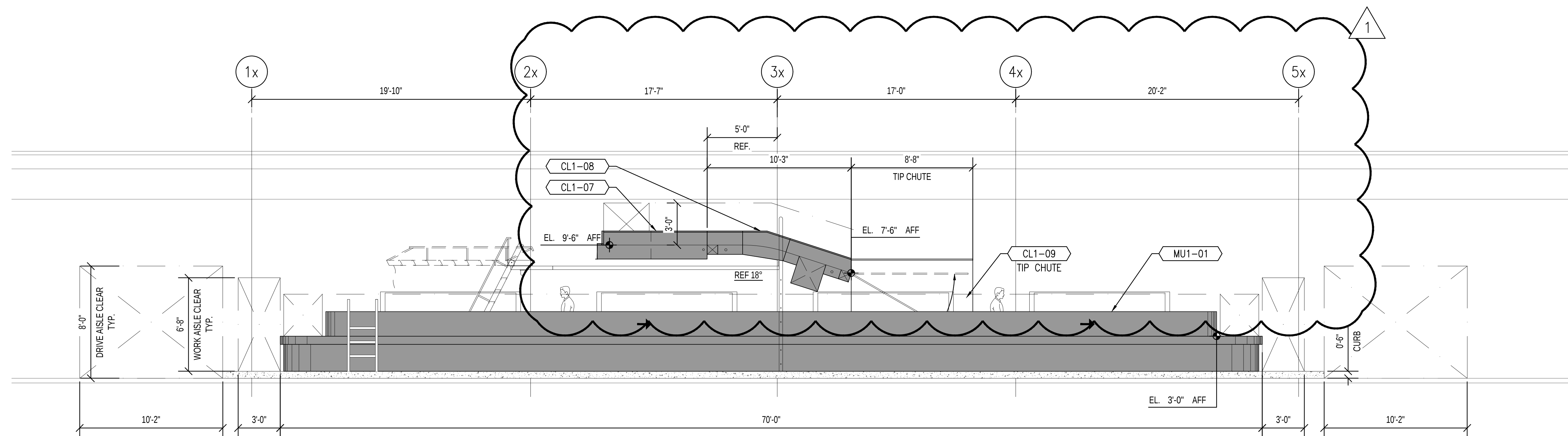


SCALE: 1/8" = 1'-0"

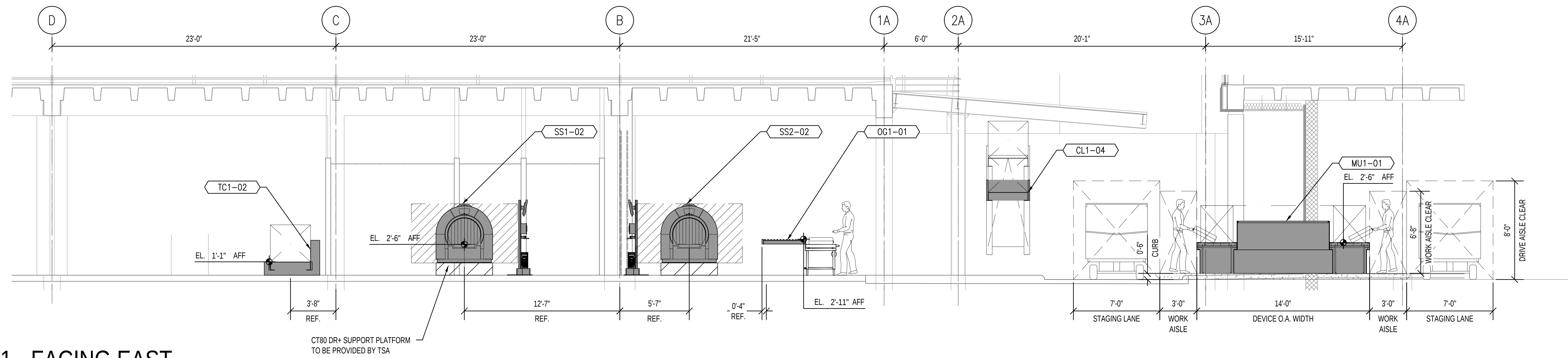




1
B.201A
SECTION 1 - FACING NORTH
SCALE: 1/4" = 1'-0"
0 1 2 3 4

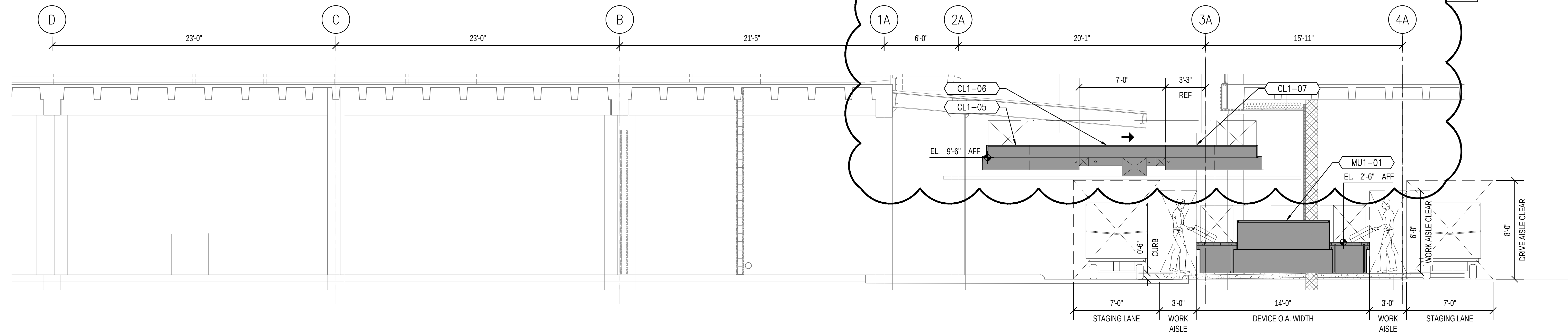
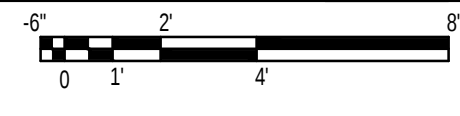


2
B.201A
SECTION 2 - FACING NORTH
SCALE: 1/4" = 1'-0"
0 1 2 3 4



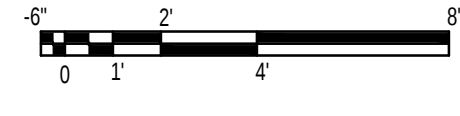
SECTION 1 - FACING EAST

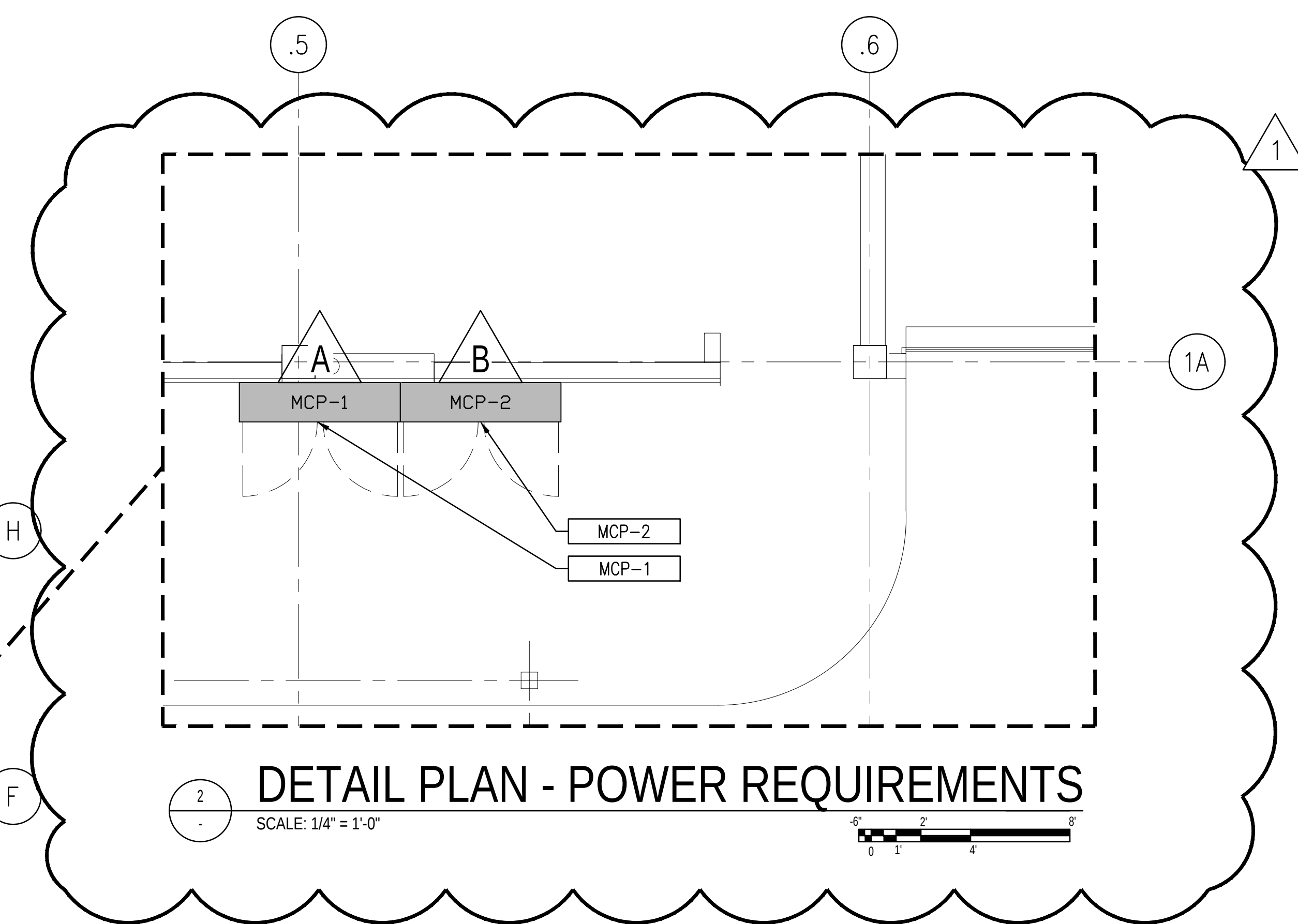
SCALE: 1/4" = 1'-0"



SECTION 2 - FACING EAST

SCALE: 1/4" = 1'-0"

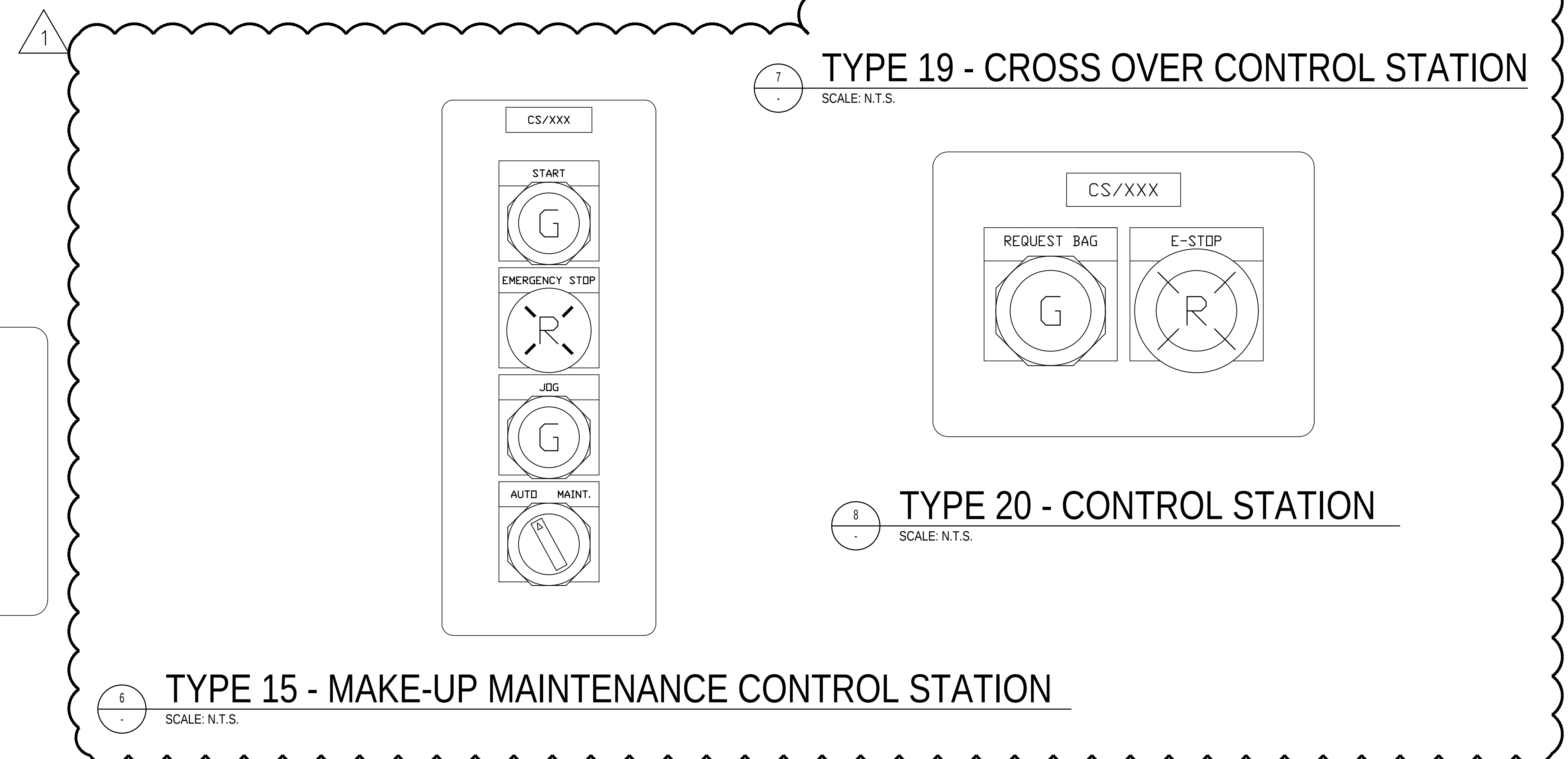
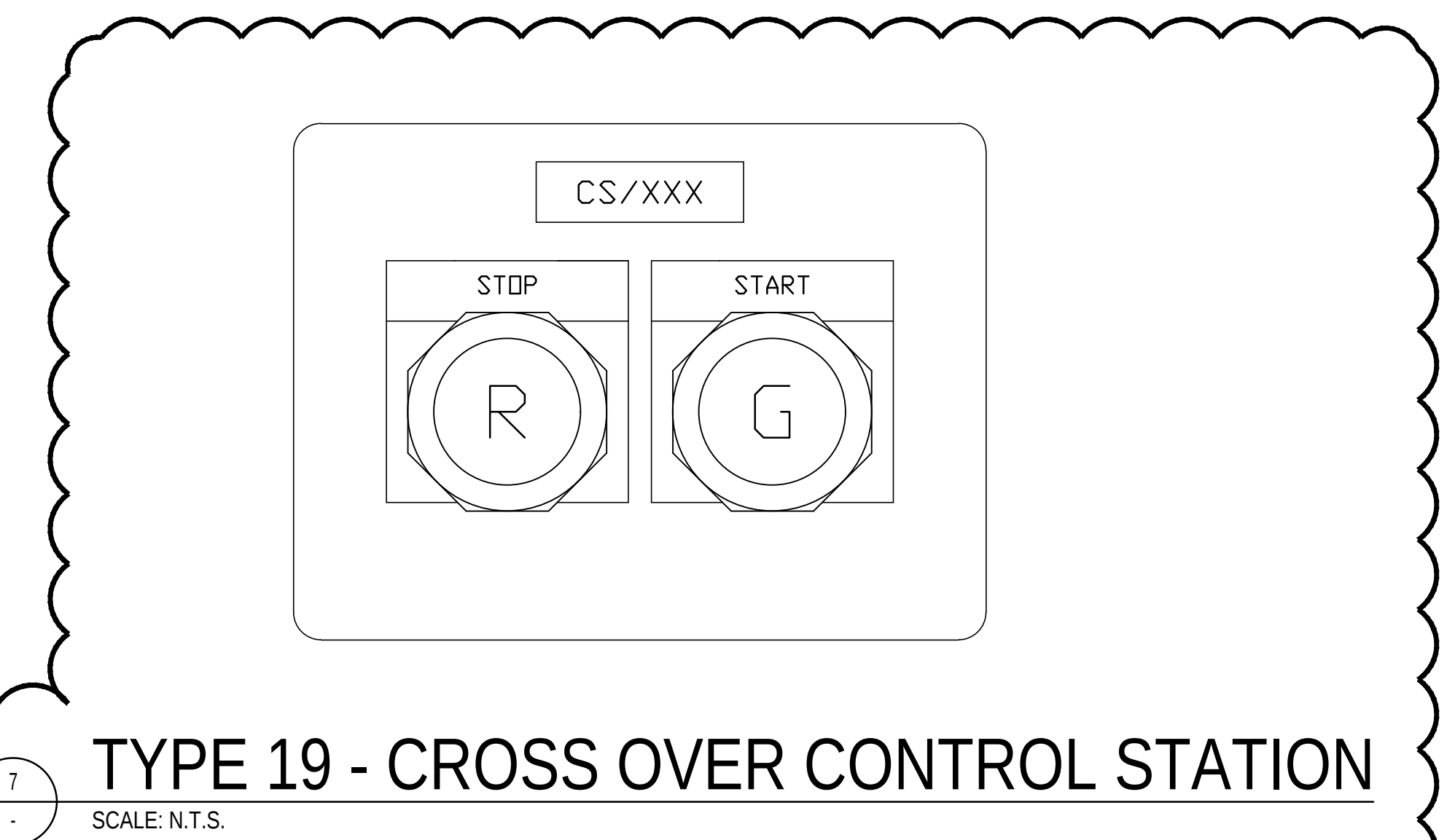
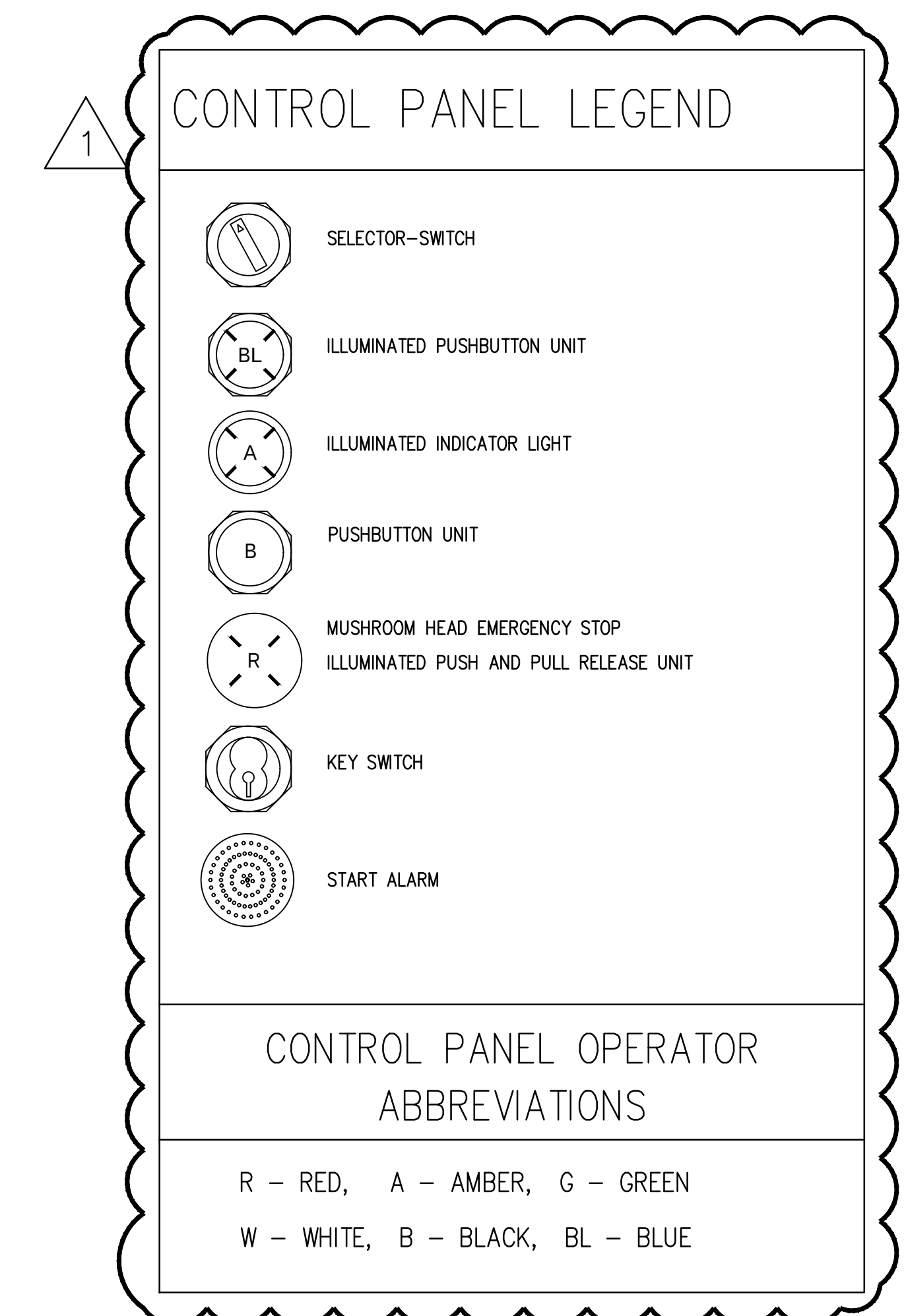


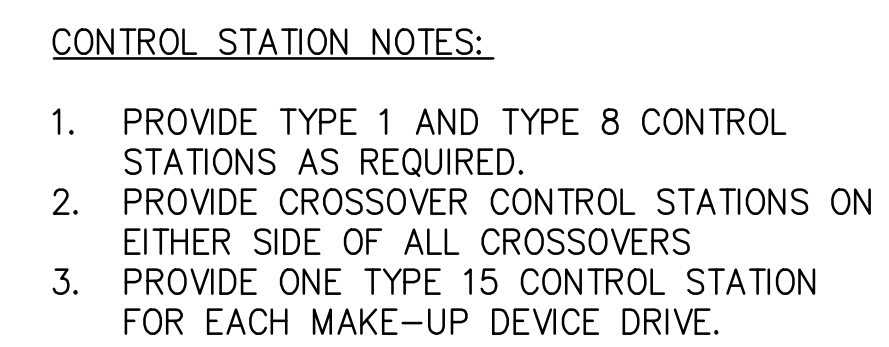


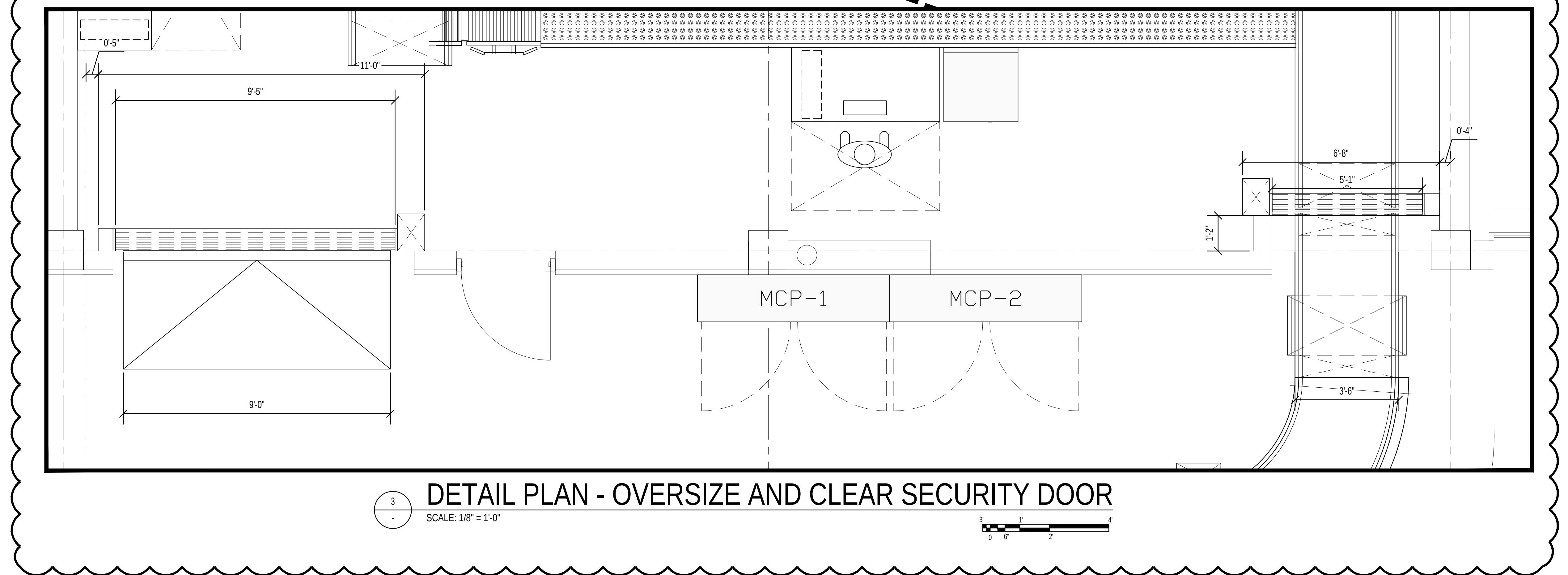
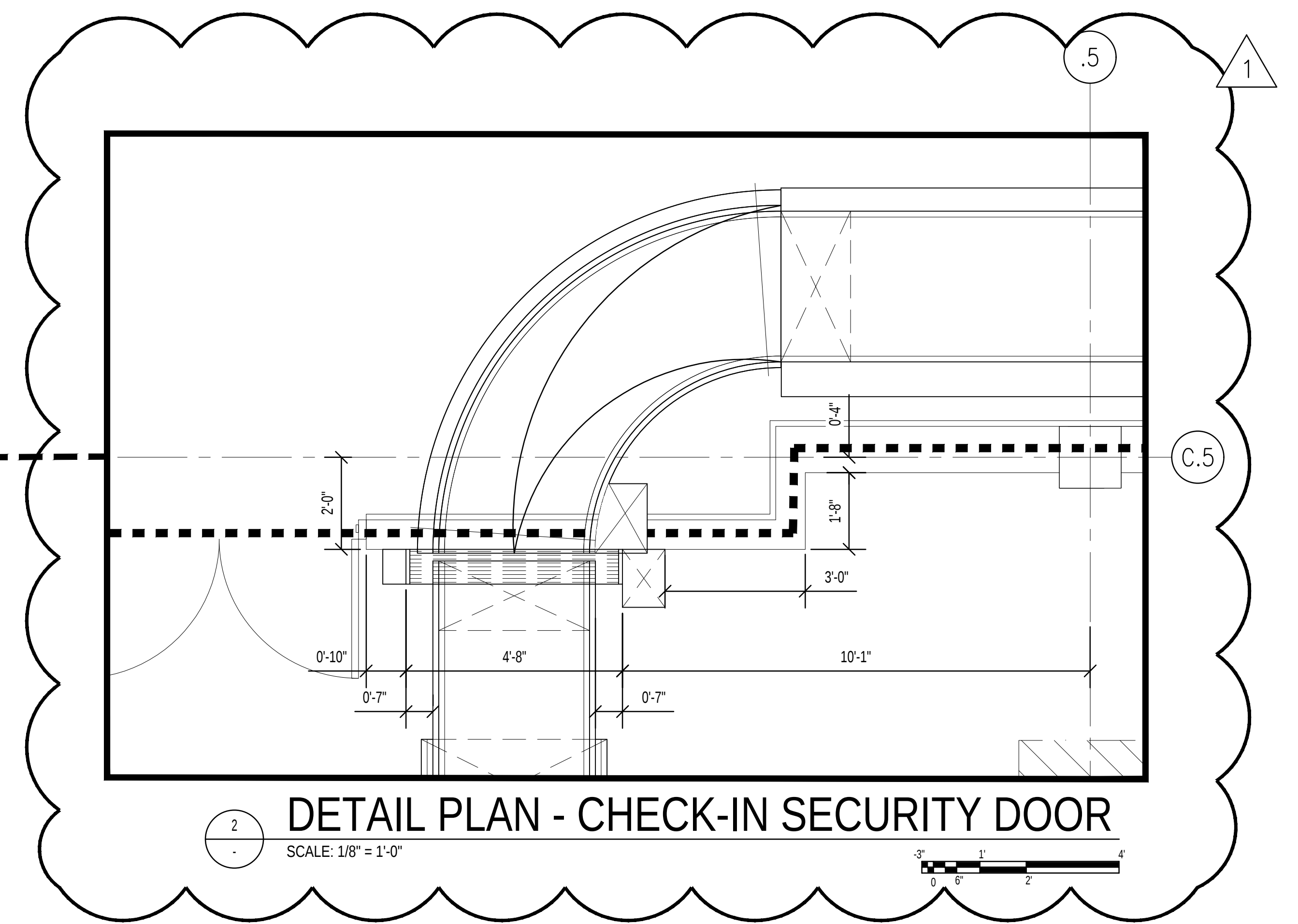
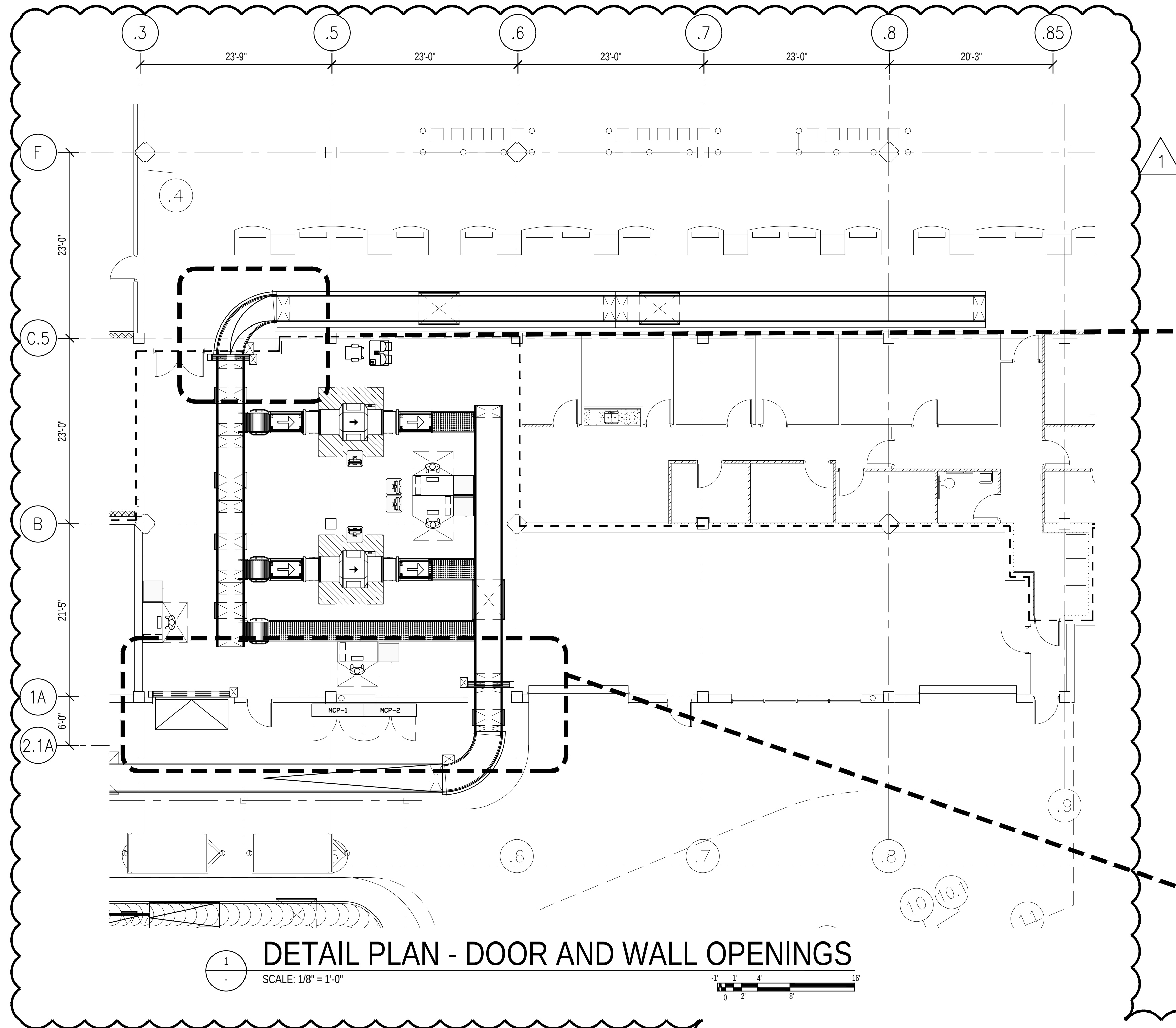
DETAIL PLAN - POWER REQUIREMENTS

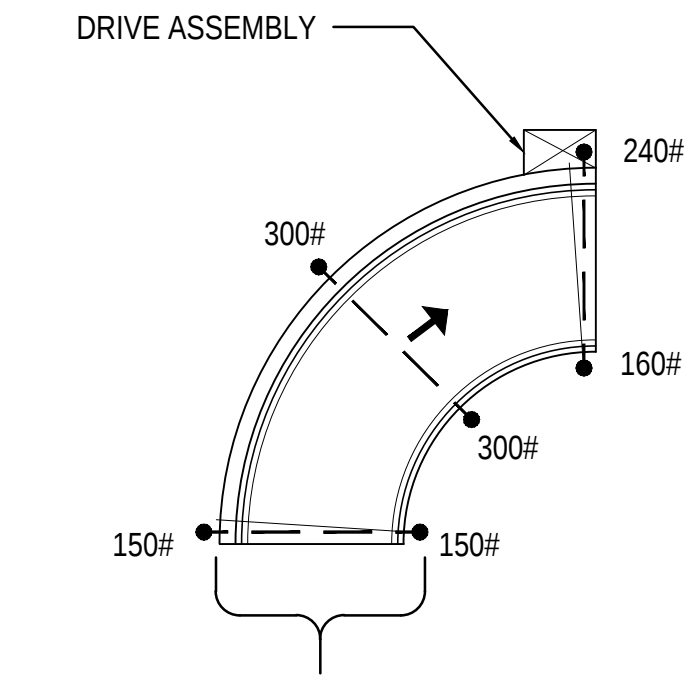
SCALE: 1/8" = 1'-0"

FAY OUTBOUND BHS POWER					
Subsystems	HP	Total FLA	#Motors	MCP-Size	PDP ID
TC1, SS1/OSR1, SS2/OSR2	27	63	12	2	A
CL1, MU1	32	69	11	2	B
Total:	59	132	23	4	





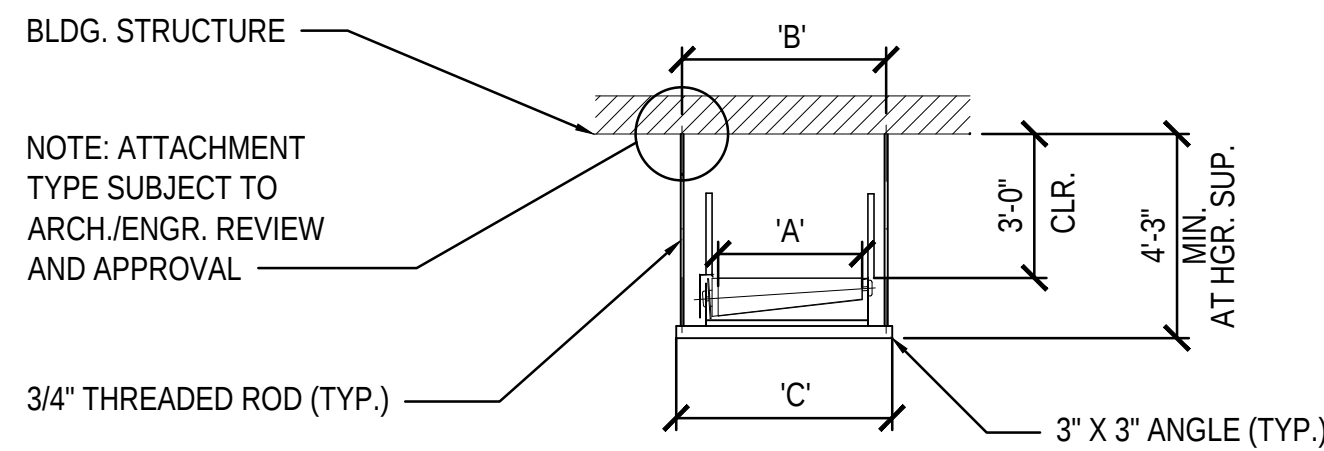




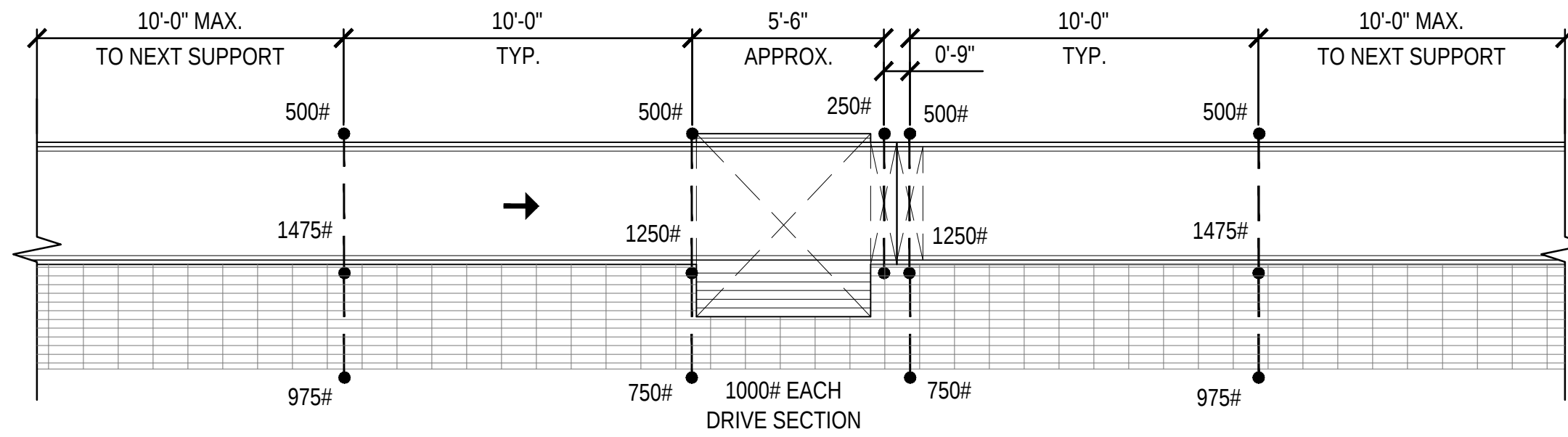
TYPICAL EQUIP. SUPPORT ASSEMBLY:
CONSISTS OF TWO (2) VERT. RODS W/ POINT
LOADS OF VARIABLE MASS AND ONE (1)
HORIZONTAL SILL ANGLE

COMPONENT MASS - TOTAL
45° POWER TURN = 950 LBS.
90° POWER TURN = 1400 LBS.
180° POWER TURN = 2600 LBS.

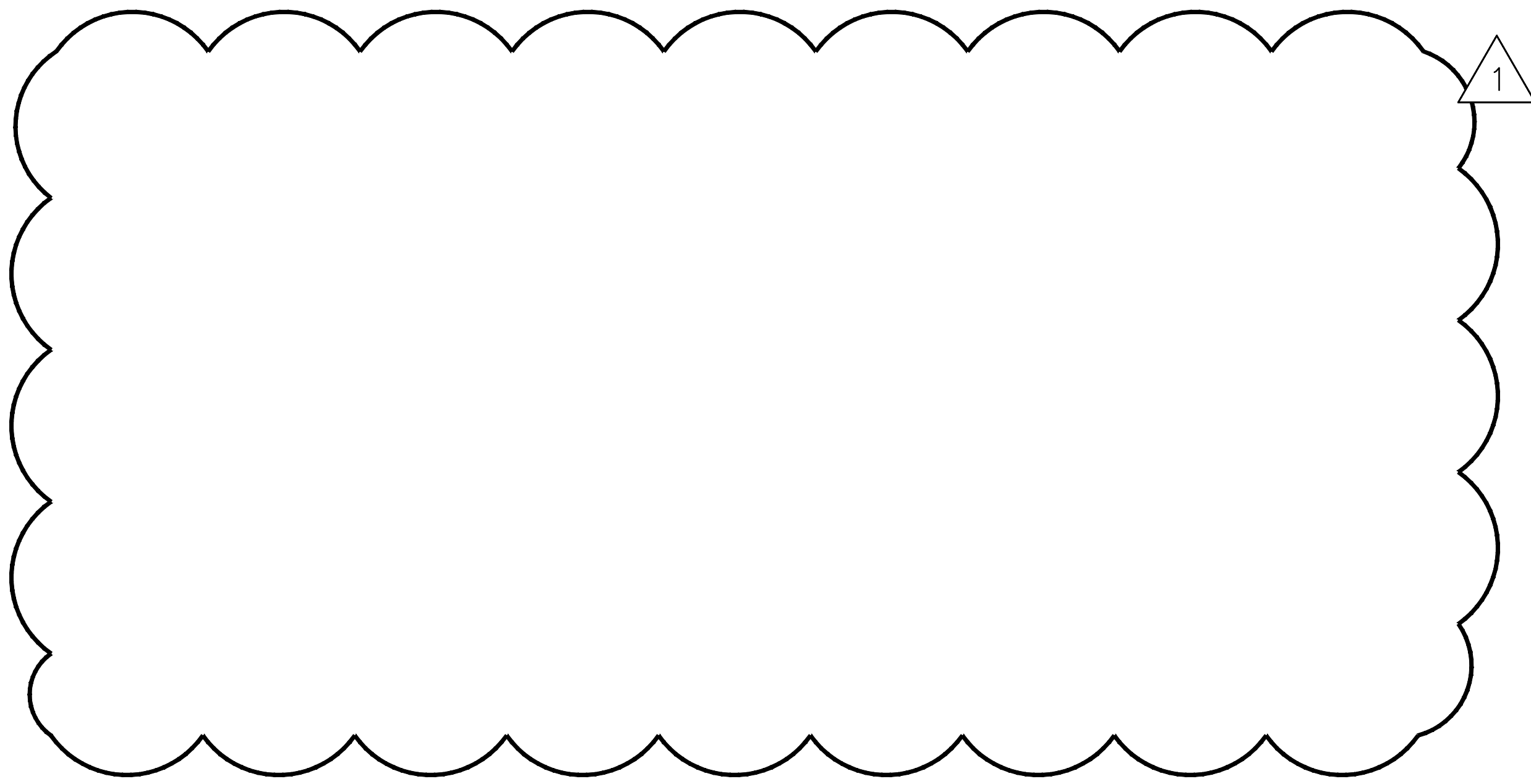
DETAIL - POWER TURN
STANDARD SUPPORTS
SCALE: 1/4" = 1'-0"



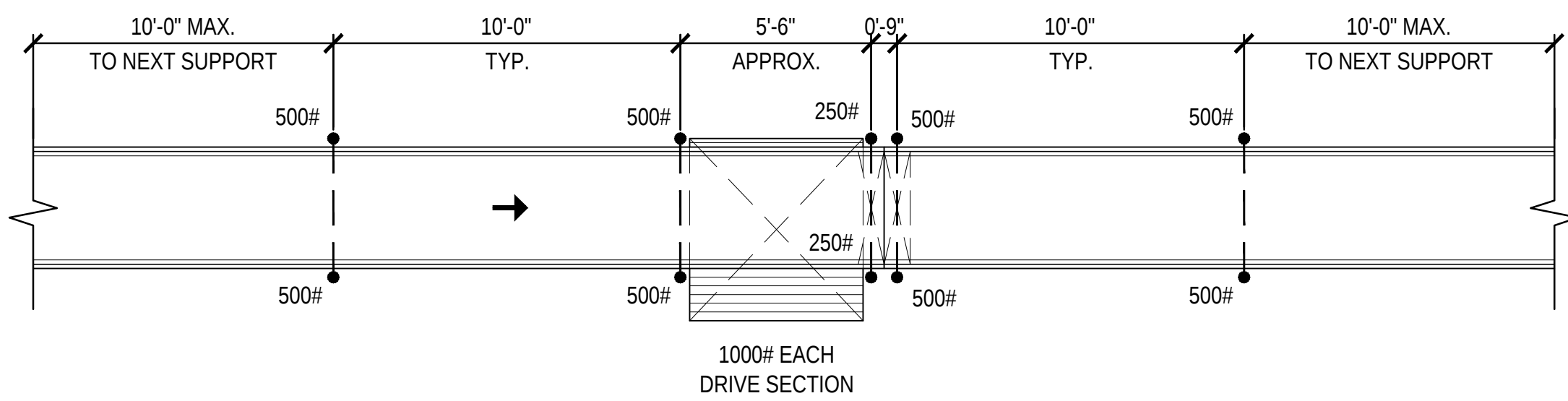
DETAIL - POWER TURN
STANDARD SUPPORTS
SCALE: 1/4" = 1'-0"



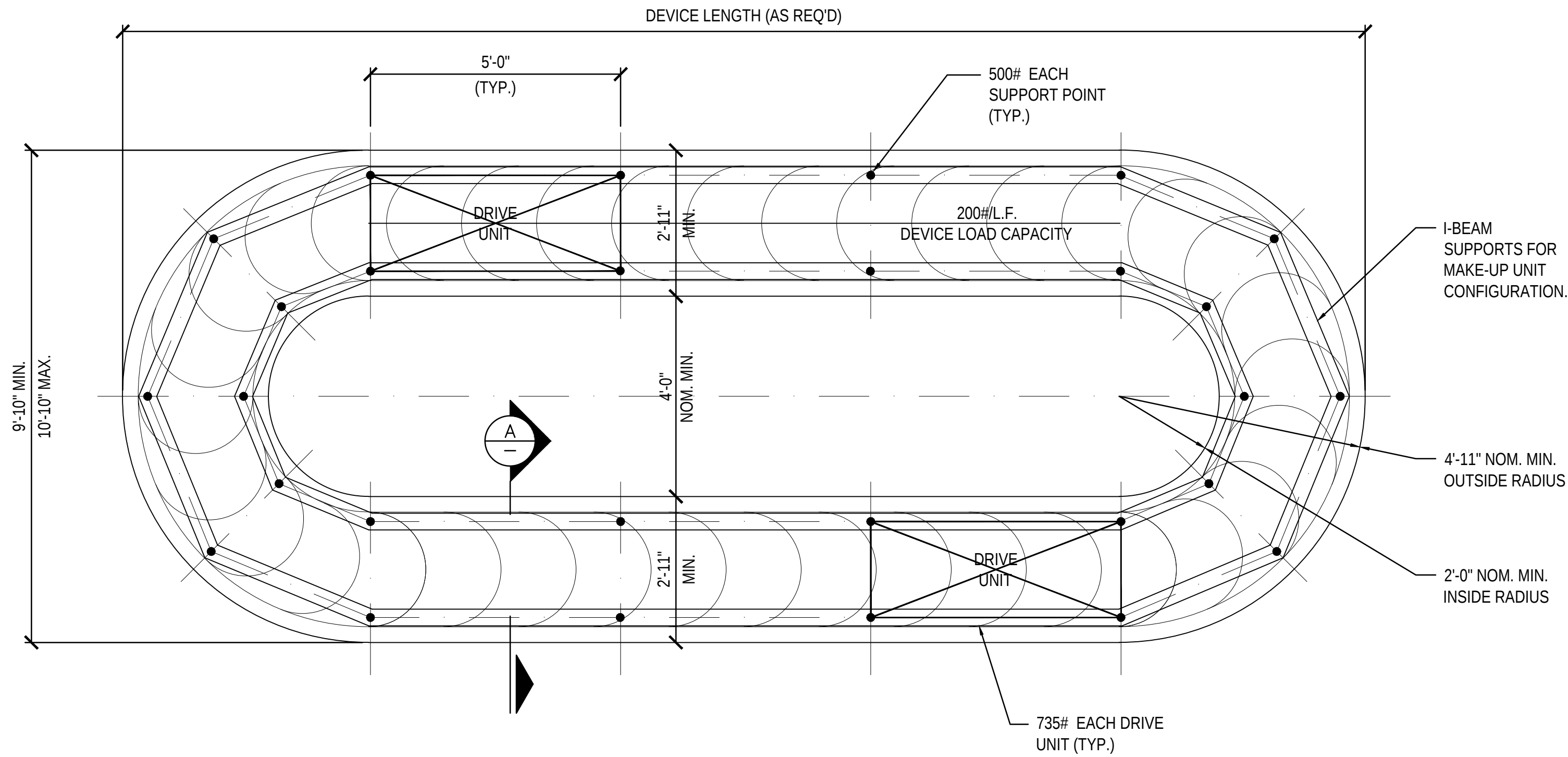
DETAIL - SINGLE LEVEL CONVEYOR
WITH CATWALK SUPPORTS
SCALE: 1/4" = 1'-0"



BAGGAGE CONVEYOR LOADS:	LOADING DIAGRAM NOTES:																		
1. THE CONVEYOR ATTACHMENT METHODS REPRESENTED ON THESE DRAWINGS ARE FOR REFERENCE ONLY. THE BAGGAGE HANDLING SYSTEM CONTRACTOR IS REQUIRED TO SUBMIT CONVEYOR ATTACHMENT DETAILS INCLUDING LOADING CALCULATIONS BY A REGISTERED P.E. TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF INSTALLATION. 2. ALL STRUCTURAL DESIGNS AND ATTACHMENTS SHALL COMPLY WITH ALL STATE, LOCAL AND NATIONAL GOVERNING CODES AND REGULATIONS. ALL CONVEYOR EQUIPMENT SHALL BE CAPABLE OF SUPPORTING A SINGLE CONCENTRATED LOAD OF 250 LBS. 3. THE CONTRACTOR SHALL INCLUDE VIBRATION ISOLATORS AS PART OF THE BASE BID. THE CONTRACTOR SHALL IDENTIFY A UNIT COST TO ADD INDIVIDUAL VIBRATION ISOLATORS TO SELECTED CONVEYORS DURING THE ENGINEERING PHASE. THE LIVE LOAD TO BE UTILIZED FOR SIZING DRIVES, BELTS, BEARINGS, ETC., SHALL BE 60 LBS/LIN. FT. FOR LOAD-ACCUMULATING CONVEYORS AND RUN-OUT CONVEYORS, 40 LBS/LIN FT. AT A CONVEYOR SPEED OF 90 FPM ADJUSTED PROPORTIONAL TO SPEED OF ALL OTHER CONVEYORS.	1. DURING THE DETAIL DESIGN PERIOD, THE FOLLOWING LOADS WERE SUPPLIED TO THE STRUCTURAL ENGINEER FOR USE IN DETERMINING THE LOADS GENERATED BY THE CONVEYOR EQUIPMENT (STATIC AND DYNAMIC COMBINED). DURING THE BIDDING PERIOD, PROVIDE AND CLEARLY IDENTIFY ANY CONVEYOR EQUIPMENT LOADING REQUIREMENTS MORE STRINGENT THAN WHAT IS SHOWN IN THESE DOCUMENTS THAT MAY BE ESSENTIAL FOR EQUIPMENT CONNECTIONS TO THE BUILDING STRUCTURE. <table><tr><td>STANDARD CONVR. BED SECTION</td><td>100 LBS/LIN. FT.</td></tr><tr><td>OS CONVR. BED SECTION AND MERGES</td><td>150 LBS/LIN. FT.</td></tr><tr><td>CONVR. DRIVE</td><td>1,000 LBS EA.</td></tr><tr><td>MINI CONVR. DRIVE</td><td>850 LBS EA.</td></tr><tr><td>POWER TURN 45°</td><td>850 LBS EA.</td></tr><tr><td>POWER TURN 90°</td><td>1,300 LBS EA.</td></tr><tr><td>POWER TURN 180°</td><td>2,500 LBS EA.</td></tr><tr><td>PLATFORM</td><td>65 LBS/SQ. FT.</td></tr><tr><td>MAKE-UP DEVICE</td><td>200 LBS/LIN. FT.</td></tr></table>	STANDARD CONVR. BED SECTION	100 LBS/LIN. FT.	OS CONVR. BED SECTION AND MERGES	150 LBS/LIN. FT.	CONVR. DRIVE	1,000 LBS EA.	MINI CONVR. DRIVE	850 LBS EA.	POWER TURN 45°	850 LBS EA.	POWER TURN 90°	1,300 LBS EA.	POWER TURN 180°	2,500 LBS EA.	PLATFORM	65 LBS/SQ. FT.	MAKE-UP DEVICE	200 LBS/LIN. FT.
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POWER TURN 45°	850 LBS EA.																		
POWER TURN 90°	1,300 LBS EA.																		
POWER TURN 180°	2,500 LBS EA.																		
PLATFORM	65 LBS/SQ. FT.																		
MAKE-UP DEVICE	200 LBS/LIN. FT.																		
BHS SUPPORT ATTACHMENT:																			
1. WHEN CONNECTING TO BUILDING STEEL USE BEAM CLAMPS SIZED FOR THE BOTTOM FLANGE OF THE BEAM. USE A (MIN) 3/4" DIA. THREADED ROD FOR HANGING SUPPORT. 2. WHEN CONNECTING TO THE CONCRETE STRUCTURE USE EITHER A HILTI "KWIK BOLT" OR RAWLING "RAWL-STUD" IN SHEAR FOLLOWS. 1000 LBS LOAD USE MIN. 3/8" DIA. WITH 2-1/2" EMBEDMENT (MIN) 1500 LBS LOAD USE MIN. 1/2" DIA. WITH 3-1/2" EMBEDMENT (MIN) 2000 LBS LOAD USE MIN. 5/8" DIA. WITH 4" EMBEDMENT (MIN) MIN. SPACING 4" WITH 8" EDGE DISTANCE.	1. THE CONVEYOR SUPPORT POINT LOADING PLACEMENT AND CONFIGURATION SHOWN IS REPRESENTATIVE OF ONE POSSIBLE CONFIGURATION. THIS DIAGRAMMATIC VIEW IS PROVIDED FOR USE BY THE STRUCTURAL ENGINEER IN DETERMINING ALL LOADS IMPOSED BY THE NEW BAGGAGE EQUIPMENT AND ASSOCIATED SERVICES. OTHER CONFIGURATIONS MAY BE PROVIDED. 2. PROVISION OF THE BAGGAGE EQUIPMENT CONTRACTOR SHALL PROVIDE SPECIFIC DETAIL SUPPORT DESIGN FOR ALL BUILDING STRUCTURE CONNECTIONS AND ALL VERTICAL SUPPORT MEMBER CONNECTIONS TO FLOOR SLAB AND BUILDING STRUCTURE. 3. THE FINAL STRUCTURAL SUPPORT DESIGN SOLUTION IS THE RESPONSIBILITY OF THE BAGGAGE EQUIPMENT CONTRACTOR AND SHALL BE COORDINATED WITH AND APPROVED BY THE BHS CONTRACTOR'S PROFESSIONAL PROJECT ENGINEER. 4. THE BAGGAGE EQUIPMENT SUPPLIER IS RESPONSIBLE FOR THE DESIGN AND STRUCTURAL INTEGRITY OF ALL BOLTS, HANGERS, SUPPORT MEMBERS, ETC., AND IS TO PROVIDE ALL NECESSARY MATERIALS REQUIRED FOR INSTALLATION.																		
MAINTENANCE PLATFORM GENERAL NOTES:																			
1. THE MAINTENANCE PLATFORMS AND WALKWAYS THAT ARE SHOWN ON THESE DRAWINGS ARE INTENDED AS TYPICAL SCHEMATIC EXAMPLES OF WHERE PLATFORMS AND WALKWAYS ARE TO BE PROVIDED AND THE APPROXIMATE CONFIGURATION. 2. PROVIDE AND INSTALL MAINTENANCE PLATFORMS FOR MAINTENANCE PERSONNEL ACCESS TO THE ENTIRE BAGGAGE HANDLING SYSTEM AT ALL MAINTENANCE POINTS AND POTENTIAL BAGGAGE JAM LOCATIONS. PROVIDE AND INSTALL LADDERS TO ALLOW ACCESS TO ALL PLATFORMS. 3. SYSTEM MAINTENANCE POINTS INCLUDE BUT ARE NOT LIMITED TO: - ALL MOTOR/DRIVE LOCATIONS - ALL RETURN ROLLER LOCATIONS 4. POTENTIAL BAGGAGE JAM LOCATIONS INCLUDE BUT ARE NOT LIMITED TO: - ALL ENTRANCE AND EXIT POINTS ON POWER TURNS - ALL SEPARATIONS BETWEEN CONVEYORS (HEAD AND TAIL ENDS) 5. REFER TO SPECIFICATION FOR MAINTENANCE PLATFORMS AND WALKWAYS REQUIREMENTS AND CRITERIA.	CEILING-SUPPORTED CONVEYOR SILL ASSEMBLY (TYP. +7'-6" AND ABOVE) FLOOR-SUPPORTED CONVEYOR PEDESTAL ASSEMBLY (TYP. +7'-6" AND BELOW) CONCENTRATED POINT LOAD (AT SUPPORT LOCATIONS)																		



DETAIL - SINGLE LEVEL
CONVEYOR SUPPORTS
SCALE: 1/4" = 1'-0"



DETAIL - FLAT PLATE
SUPPORTS
SCALE: 1/2" = 1'-0"

**GORDON
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Any design or drawing is created in compliance with the
requirements of the National Building Code (NBC), however, the design and drawings are not
intended to replace the design of the building authority.
The owner is responsible for the design and construction
of the building to the extent of the design.
The owner is responsible for the design.

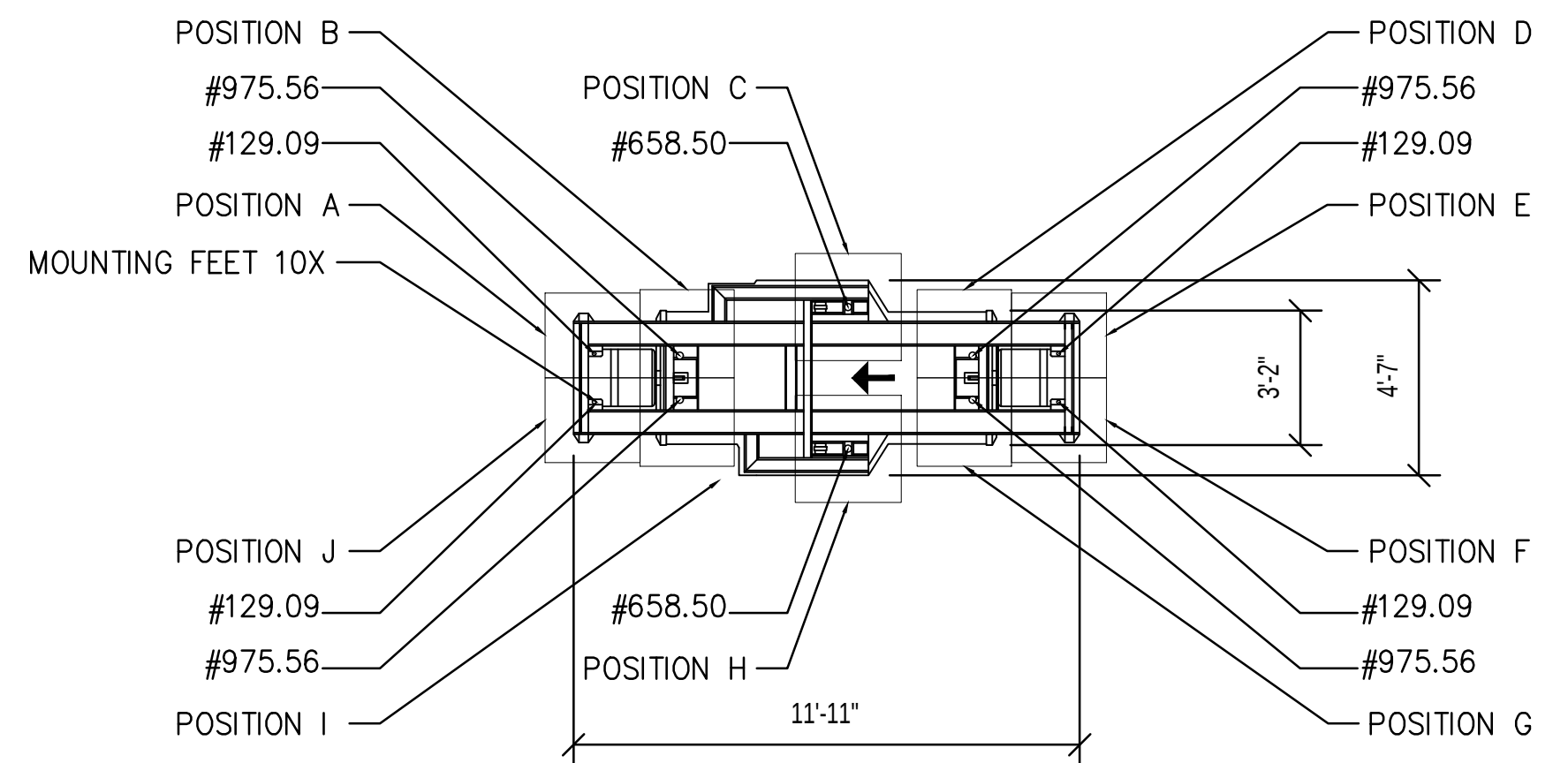
BWP
ASSOCIATES, P.C.
1000 WEST ROAD
FAYETTEVILLE, NC 28306
USA

Fayetteville Regional Airport – Airline Terminal Improvements Part 2
FAY – BAGGAGE HANDLING SYSTEM
TYPICAL DETAILS
LOADING
400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: BDE
REVIEWED BY: MBD
DATE: 7-15-19
PROJECT NO.:

REVISIONS
ADDENDUM NO. 1
SHEET NUMBER

B.701



SYSTEM WEIGHT
CT-80DR+ = 3635#
EXTENSIONS = 632#
TOTAL = 4267#

AREA	LOAD FOR EACH/DIVIDE AREA BY		
AREA OF A, E, F, J = 559.23	AREA	900	POINT LOAD
	79	.621	129.09
AREA OF B, D, G, I = 607.86	658.50	.675	975.56
AREA OF C, H = 900	658.50	1.000	658.50

NOTE: ABOVE INFORMATION IS FOR REFERENCE ONLY. REQUEST THE LATEST DOCUMENTATION FROM THE EDS OEM

DETAIL - CT-80DR+XL
POINT LOADING
SCALE: 1/4" = 1'-0"

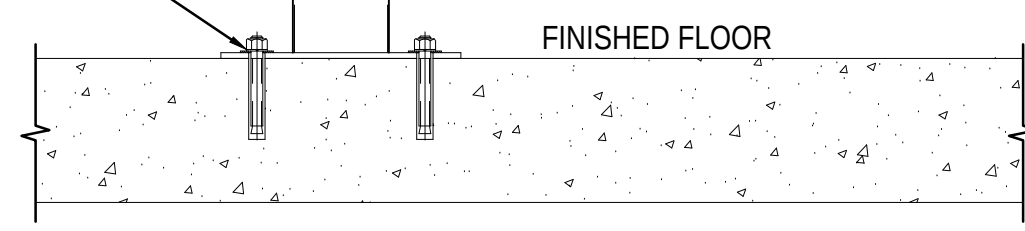
VERTICAL SUPPORT CHANNEL 1 PER SIDE AT 10'-0" MAX. O/C (5'-0" O/C AT LOAD/UNLOAD BELTS).

SLOTS IN BASEPLATE ALLOW FOR HEIGHT ADJUSTMENT OF +/- 3"

"HILTI" TYPE ANCHOR STUDS TYP. 2 EACH

1. CONNECT THE CONVEYORS TO NEW STEEL FRAME AREAS BY MEANS OF BEAM CLAMPS SIZED FOR THE BOTTOM FLANGE OF THE BEAM USE A 5/8" DIA. ROD BEAM CLAMP.

2. CONNECTING TO THE EXISTING CONCRETE STRUCTURE USING EITHER A HILTI "KIKWIK BOLT" OR RAWLINS "RAWL-STUD" AS FOLLOWS:
1000 LBS LOAD USE 3/8" DIA. (MIN.) WITH 2 1/2"(MIN.) EMBEDMENT
1500 LBS LOAD USE 1/2" DIA. (MIN.) WITH 3 1/2"(MIN.) EMBEDMENT
2000 LBS LOAD USE 5/8" DIA. (MIN.) WITH 4" (MIN.) EMBEDMENT
ALL WITH A MIN. SPACING OF 12"



DETAIL - FLOOR SUPPORTED CONVEYOR
LEG ATTACHMENT
SCALE: 1-1/2" = 1'-0"

NOTE:
ACTUAL DIMENSIONS OF DOOR HOUSING AND MOTOR MAY VARY. REFERENCE MANUFACTURER'S DETAILS FOR DIMENSIONAL AND MOUNTING INFORMATION.

SECURITY ROLL-UP DOOR

SUPPORT WALL

STAINLESS STEEL TRIM

DRAFT CURTAIN

4" CLEAR FOR DRAFT CURTAIN MOUNTING

1'-0" CLEAR

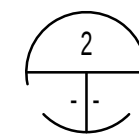
4"

8"

REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS.

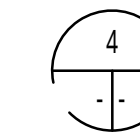
3'-0" BAGGAGE CLEARANCE

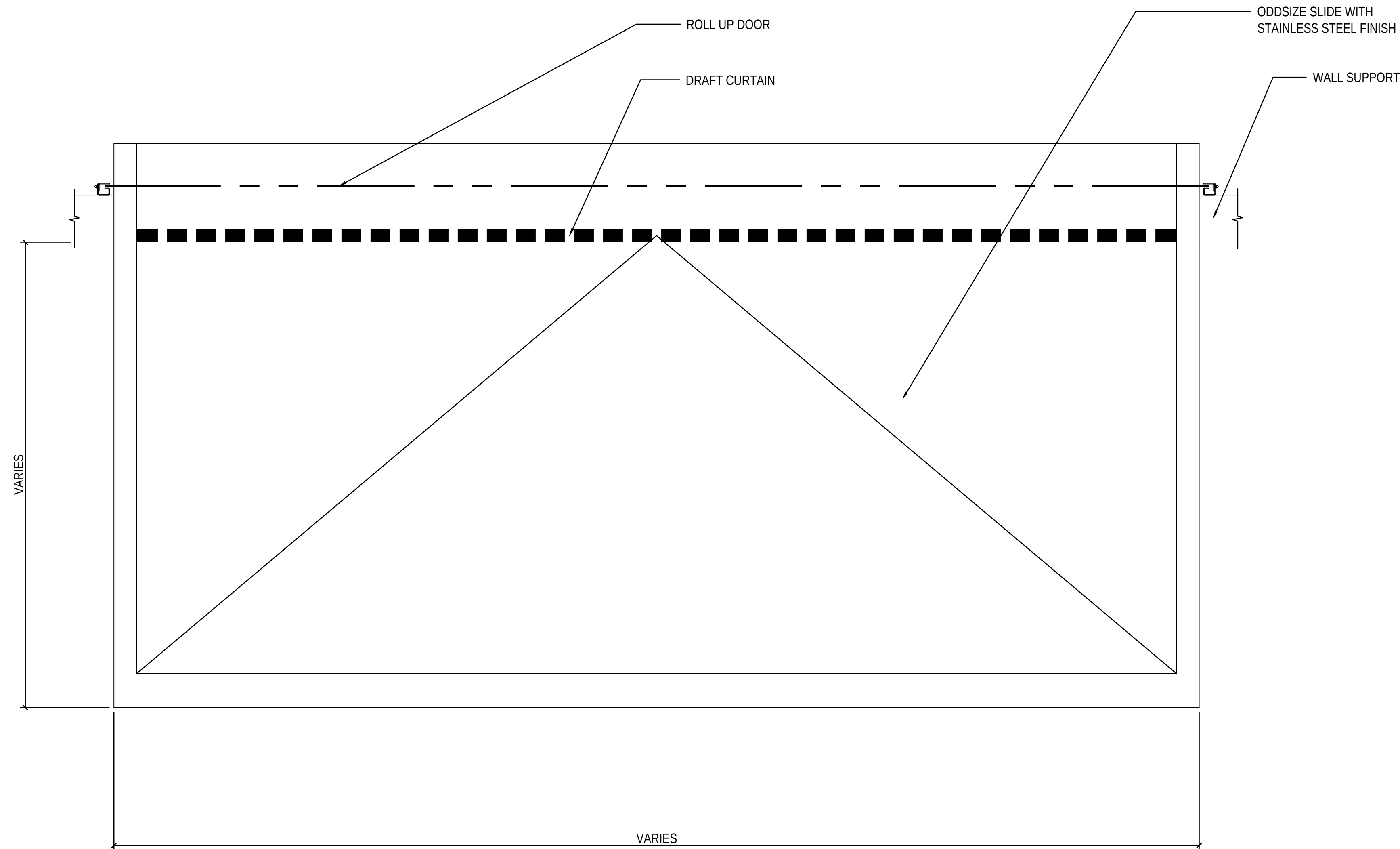
2" MAXIMUM GAP



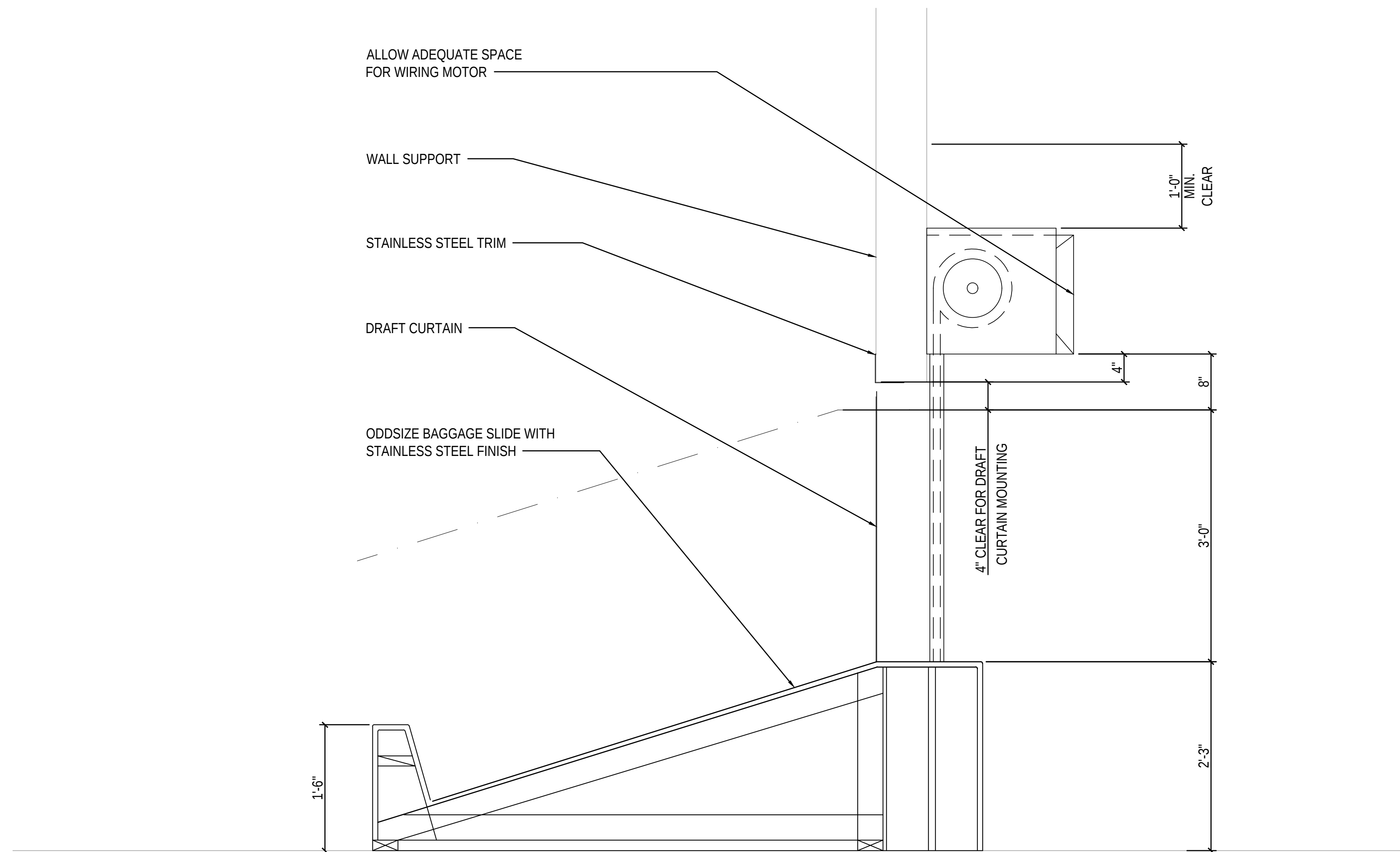
Technical drawing showing a cross-section of a door trim detail. The drawing includes dimensions and labels for various components:

- Dimensions:**
 - 4" (Total width of the trim assembly)
 - 3" (Width of the inner trim piece)
 - 1" (Thickness of the trim assembly)
 - 2" (Height of the trim assembly)
 - 4" (Height of the trim assembly)
- Labels:**
 - BHS CONTRACTOR SHALL COORDINATE INSTALLATION OF DOOR TRIMS WITH ARCHITECTURAL WALL ELEMENTS
 - STAINLESS STEEL FINISH
 - ALL DRAFT CURTAIN AND DOOR TRIM DETAILS PROVIDED BY THE BHS CONTRACTOR IN PUBLIC VIEW SHALL BE SUBMITTED TO THE OWNER/ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION
 - 11 GA. STAINLESS STEEL ANGLE
 - 1/4"x20x7/8" STUD
 - NUT
 - LOCK WASHER
 - FLAT WASHER
 - 1/8"x1 1/2" FLAT METAL TO LENGTH OF ANGLE
 - STRIP DOOR DRAFT CURTAIN
 - BAGGAGE CLEAR HEIGHT TO BE MAINTAINED





DETAIL - ODDSIZE INBOUND SLIDE WITH SECURITY DOOR AND DRAFT CURTAIN - PLAN
SCALE: 1" = 1'-0"



DETAIL - ODDSIZE INBOUND SLIDE WITH SECURITY DOOR - SECTION
SCALE: 1" = 1'-0"



1
DETAIL - BHS OPERATIONAL WARNING SIGN #1
SCALE: N.T.S.

DO NOT OPERATE
CONVEYOR WITHOUT
GUARDS IN PLACE

2
DETAIL - BHS OPERATIONAL WARNING SIGN #2
SCALE: N.T.S.

CAUTION
DO NOT
STAND, WALK ON
OR CROSS CONVEYOR

3
DETAIL - BHS OPERATIONAL WARNING SIGN #3
SCALE: N.T.S.

CAUTION
THIS CONVEYOR IS
AUTOMATICALLY CONTROLLED
AND MAY START AT ANY TIME

4
DETAIL - BHS OPERATIONAL WARNING SIGN #4
SCALE: N.T.S.

DANGER
EQUIPMENT MAY START AT ANY TIME
AUTHORIZED AND TRAINED
PERSONNEL ONLY

5
DETAIL - BHS OPERATIONAL WARNING SIGN #5
SCALE: N.T.S.

EMERGENCY
STOP

6
DETAIL - BHS OPERATIONAL WARNING SIGN #6
SCALE: N.T.S.

DANGER
480 VOLTS

7
DETAIL - BHS OPERATIONAL WARNING SIGN #7
SCALE: N.T.S.

DANGER
PINCH
POINT

8
DETAIL - BHS OPERATIONAL WARNING SIGN #8
SCALE: N.T.S.

DANGER
MOVING MACHINERY
KEEP HANDS AND
FEET CLEAR

9
DETAIL - BHS OPERATIONAL WARNING SIGN #9
SCALE: N.T.S.

DANGER
WATCH OUT
FOR MOVING
EQUIPMENT

10
DETAIL - BHS OPERATIONAL WARNING SIGN #10
SCALE: N.T.S.

WARNING
SERVICING MOVING OR
ENERGIZED EQUIPMENT
CAN CAUSE SEVERE
INJURY.
LOCK OUT POWER
BEFORE SERVICING

11
DETAIL - BHS OPERATIONAL WARNING SIGN #11
SCALE: N.T.S.

DANGER
CLIMBING, SITTING,
WALKING OR RIDING ON
CONVEYOR AT ANY TIME
WILL CAUSE SEVERE
INJURY OR DEATH.
KEEP OFF

12
DETAIL - BHS OPERATIONAL WARNING SIGN #12
SCALE: N.T.S.

CAUTION
high voltage

13
DETAIL - BHS OPERATIONAL WARNING SIGN #13
SCALE: N.T.S.

CAUTION
LOCK
OUT
FOR
SAFETY

14
DETAIL - BHS OPERATIONAL WARNING SIGN #14
SCALE: N.T.S.

CAUTION
KEEP
LOOSE CLOTHING
CLEAR

15
DETAIL - BHS OPERATIONAL WARNING SIGN #15
SCALE: N.T.S.

CAUTION
STEP
UP

16
DETAIL - BHS OPERATIONAL WARNING SIGN #16
SCALE: N.T.S.

CAUTION
STEP
DOWN

17
DETAIL - BHS OPERATIONAL WARNING SIGN #17
SCALE: N.T.S.

CAUTION
FALSE CEILING
BELOW

18
DETAIL - BHS OPERATIONAL WARNING SIGN #18
SCALE: N.T.S.

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BWP
ASSOCIATES, P.C.
1000 YORK ROAD
FAYETTEVILLE, NC 28306 USA

Fayetteville Regional Airport – Airline Terminal Improvements Part 2

FAY – BAGGAGE HANDLING SYSTEM

TYPICAL DETAILS
BHS OPERATIONAL WARNING SIGNS

400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: BDF
REVIEWED BY: MBD
DATE: 7-15-19
PROJECT NO.:

REVISIONS
1
ADDENDUM NO. 1

1
B.708

CD2 Claim Device CD2							
ID	Code	Description	Type work	Length/Qty	Belt Speed	HP	FLA
CD2-FSD1	SD	Fire/Security Door	Replace with Existing	0' - 0"		1.5	3
CD2-FSD2	SD	Fire/Security Door	Replace with Existing	0' - 0"		1.5	3
CD2	FPCD	Flat Plate Claim Device	Replace with Existing	150' - 0"	90	10	15.2



Fayetteville Regional Airport – Airline Terminal Improvements – Part 1	FAY – BAGGAGE HANDLING SYSTEM GENERAL CONVEYOR MANIFEST
400 Airport Road Fayetteville, North Carolina 28306	

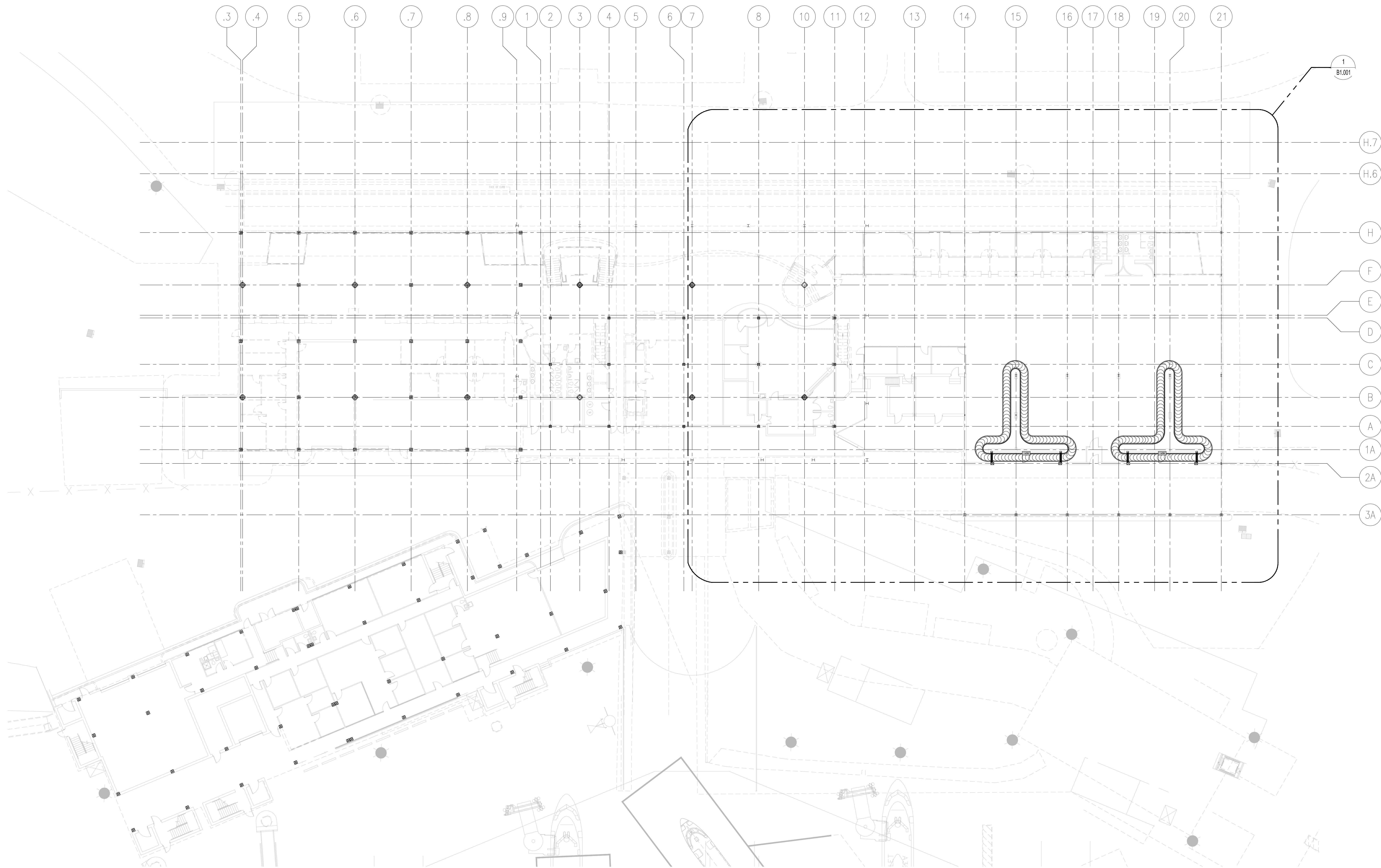
DRAWN BY: DT
REVIEW BY: MBD
DATE: 01/27/16
PROJ. NO.: 1515

REVISIONS

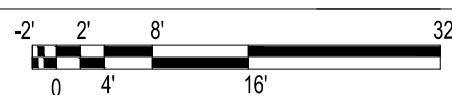
SHEET NUMBER

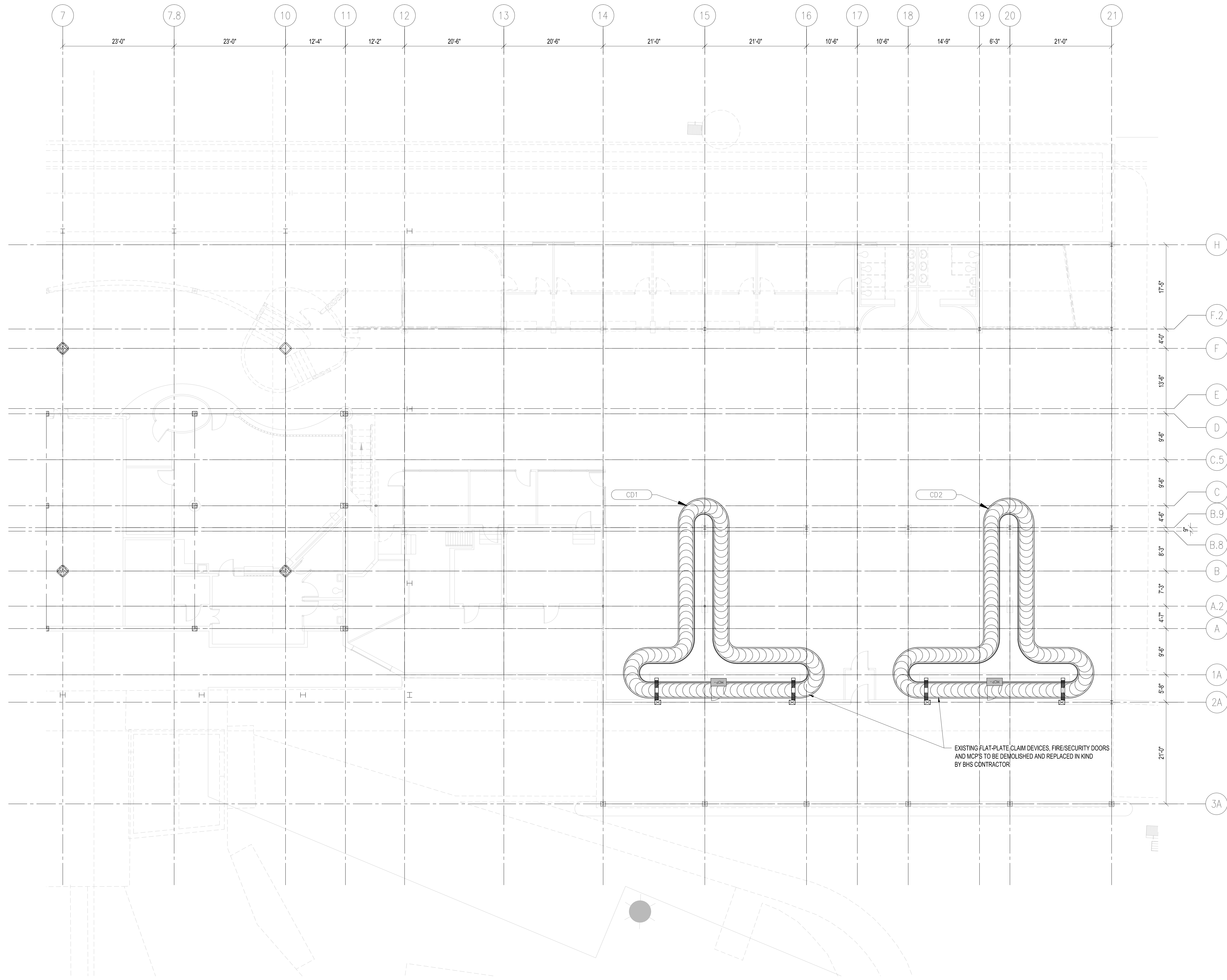
30.002





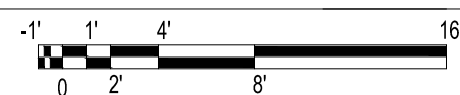
1
-
GENERAL ARRANGEMENT - EXISTING CONDITIONS
SCALE: 1/16" = 1'-0"

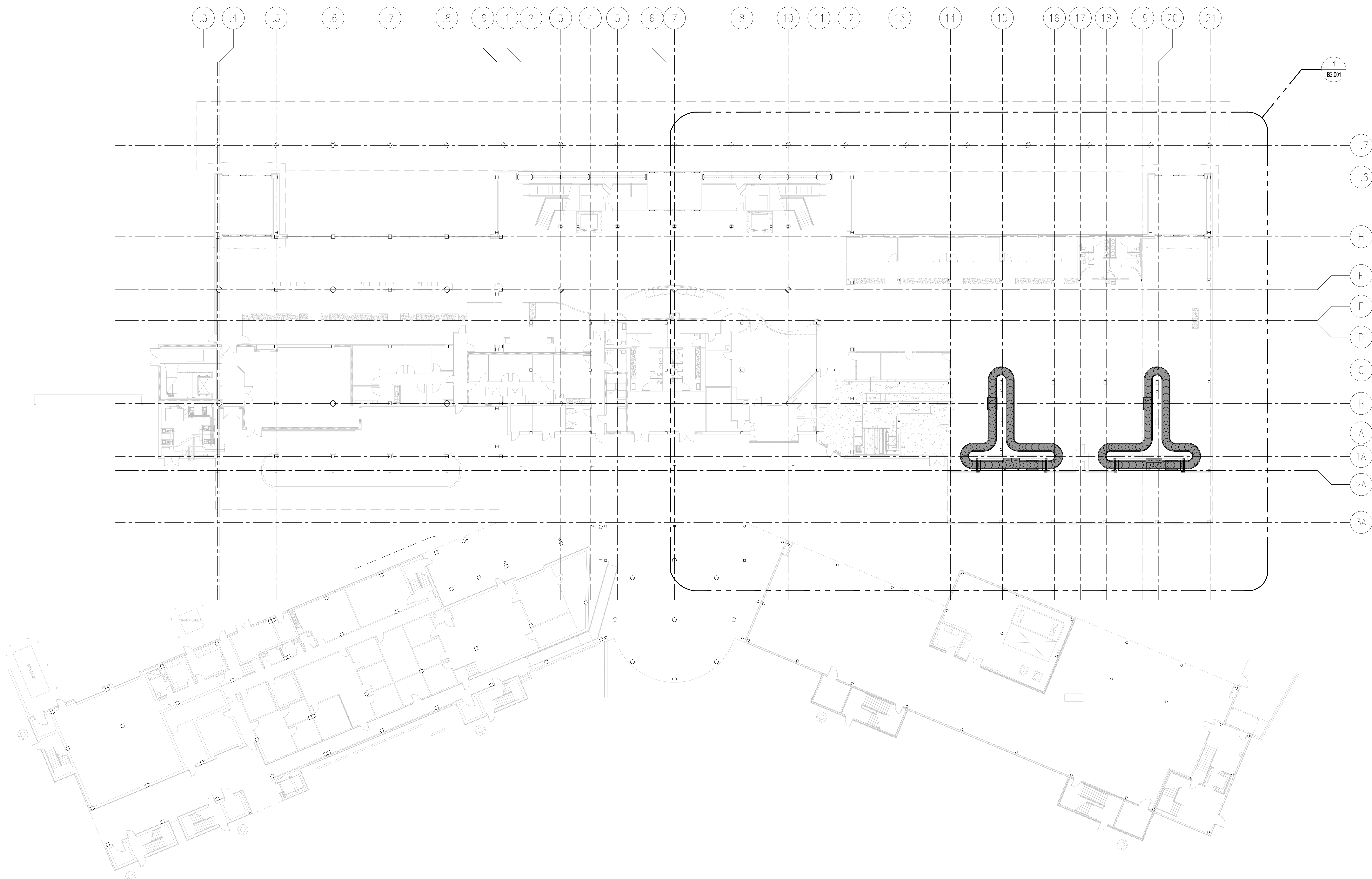




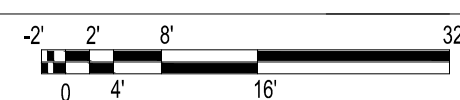
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-
PARTIAL PLAN - EXISTING CONDITIONS

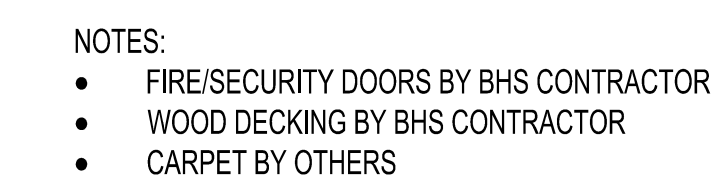
SCALE: 1/16" = 1'-0"





1 GENERAL ARRANGEMENT - PROPOSED CONDITIONS
SCALE: 1/16" = 1'-0"





DESIGN ARCHITECT



THE WILSON GROUP

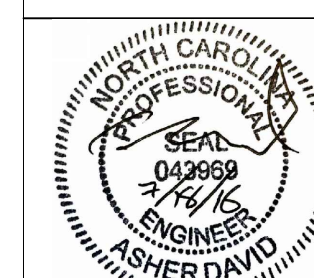
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14 FAIRFELD DRIVE
DANBURY, CT 06811



400 Airport Road Fayetteville, North Carolina 28306	FAY – BAGGAGE HANDLING SYSTEM PARTIAL PLAN – PROPOSED CONDITIONS CONVEYOR ID 5
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DRAWN BY: _____
REVIEW BY: _____
DATE: 01/27/2015
PROJ. NO.: 1501

REVISIONS

SHEET NUMBER

D O O O

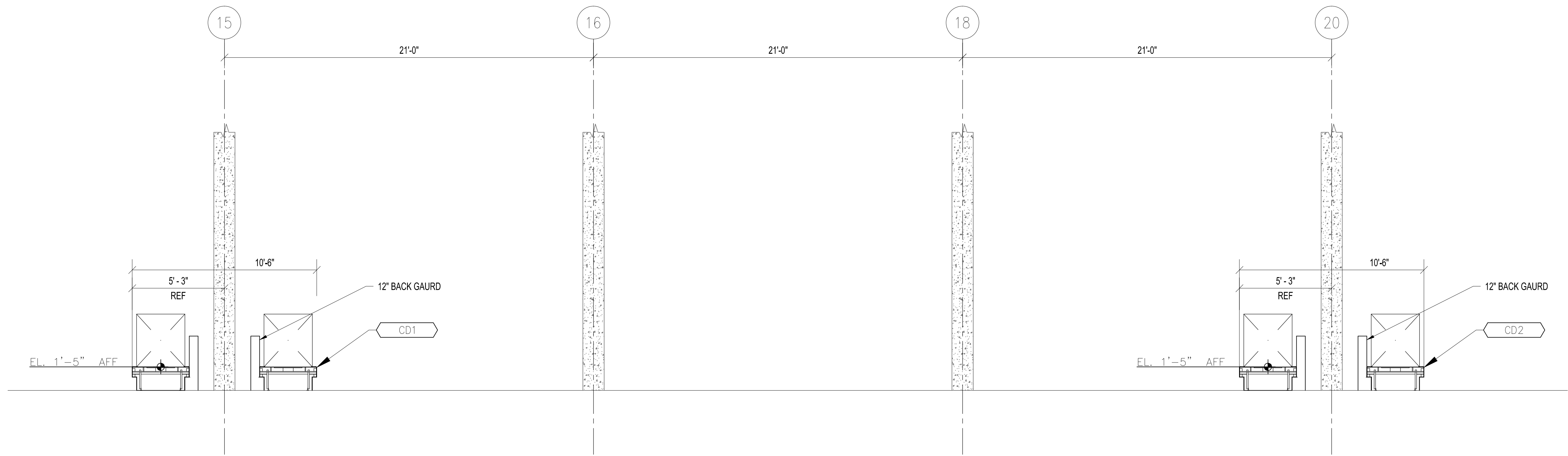
B2.001

PARTIAL PLAN - PROPOSED CONDITIONS CONVEYOR ID'S

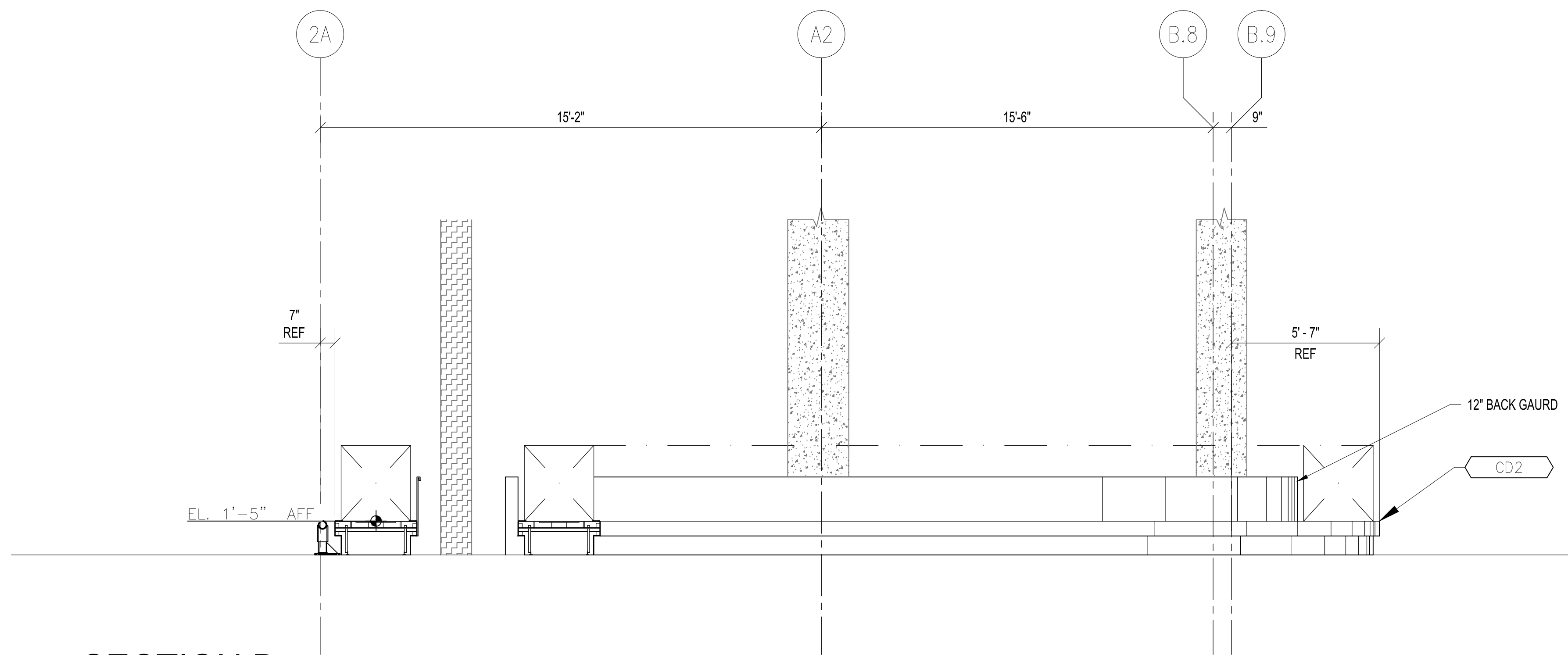
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1" 1' 1" 4' 16'

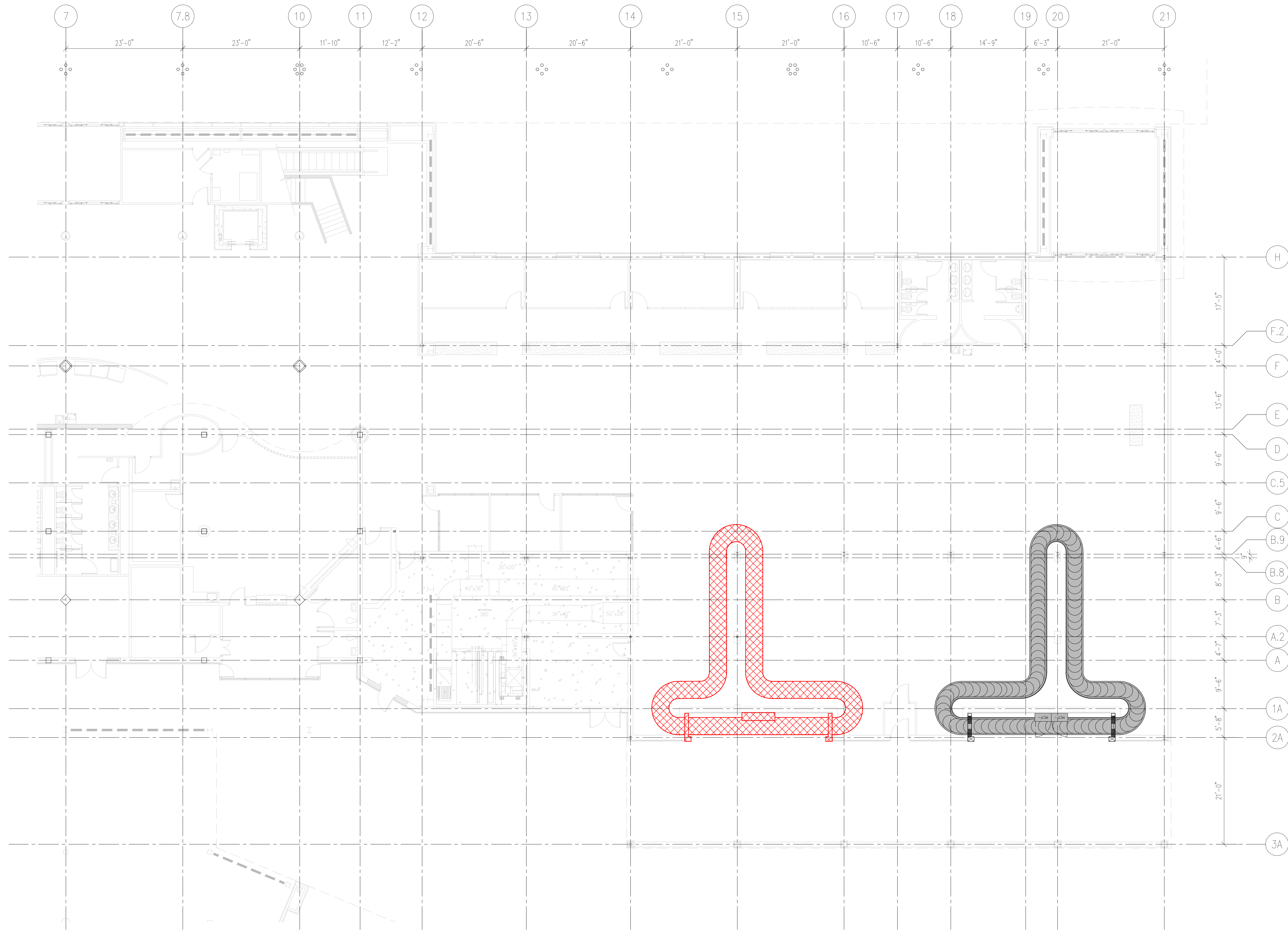




SECTION A
SCALE: 1:40

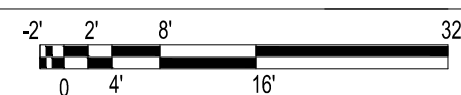


SECTION B
SCALE: 1:40



DEMOLISH OPERATIONAL NEW INSTALL

1 PHASING PLAN - PHASE 1
SCALE: 1/16" = 1'-0"



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Fayetteville Regional Airport – Airline Terminal Improvements – Part 1
FAY – BAGGAGE HANDLING SYSTEM
PHASING PLAN
PHASE 1
400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: MT
REVIEW BY: MB
DATE: 01/27/16
PROJ. NO.: 1515

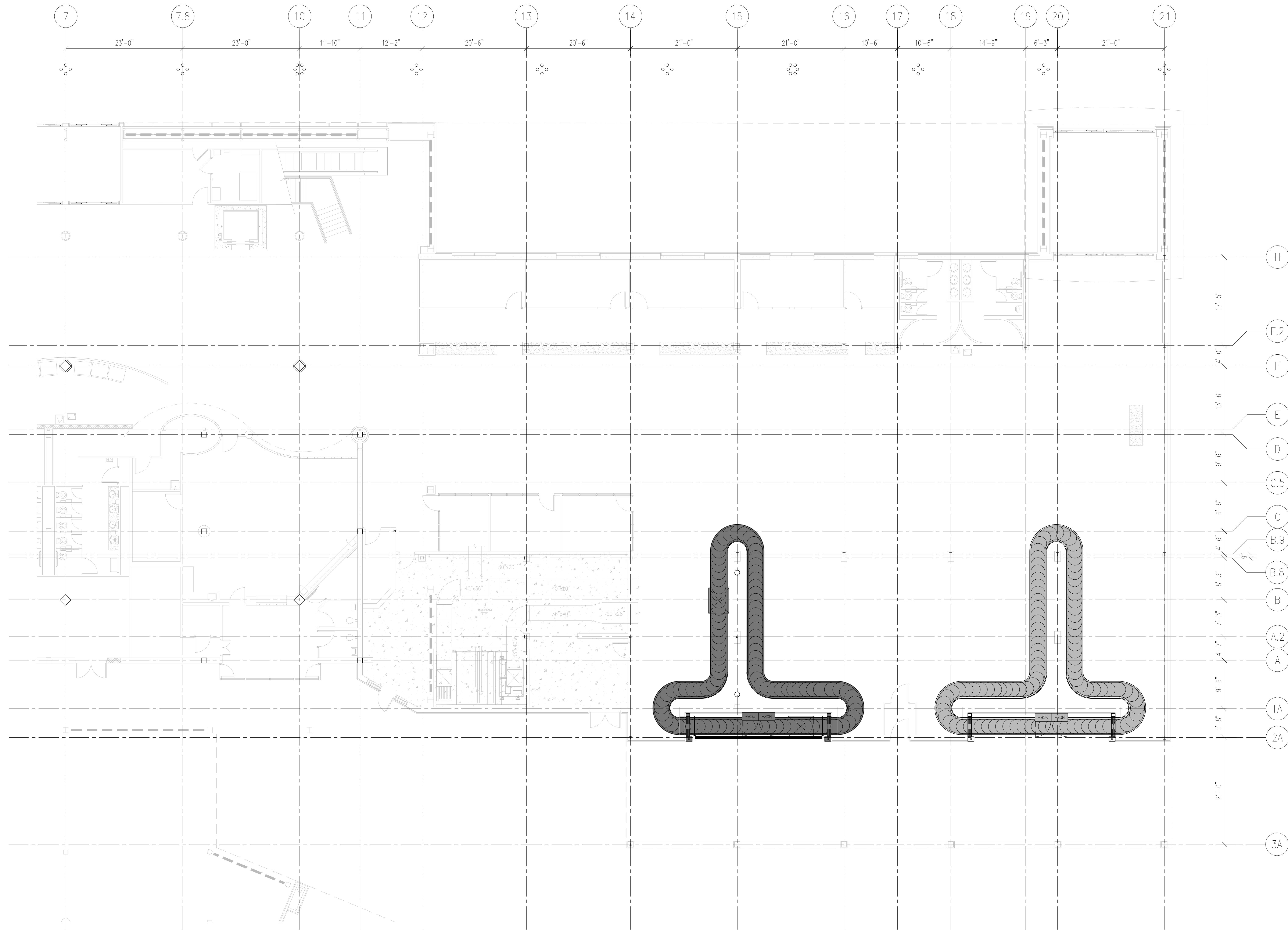
REVISIONS

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SHEET NUMBER

B4.001

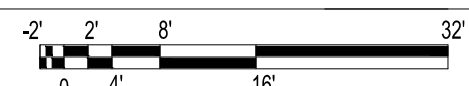




DEMOLISH OPERATIONAL NEW INSTALL

PHASING PLAN - PHASE 2

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



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NORTH CAROLINA
PROFESSIONAL
SEAL
DATE
1/24/2016
ENGINEER
SHER DAVID

Fayetteville Regional Airport – Airline Terminal Improvements – Part 1
FAY – BAGGAGE HANDLING SYSTEM
PHASING PLAN
PHASE 2

Fayetteville Regional Airport
400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: MT
REVIEW BY: MB
DATE: 01/27/2016
PROJ. NO.: 1515

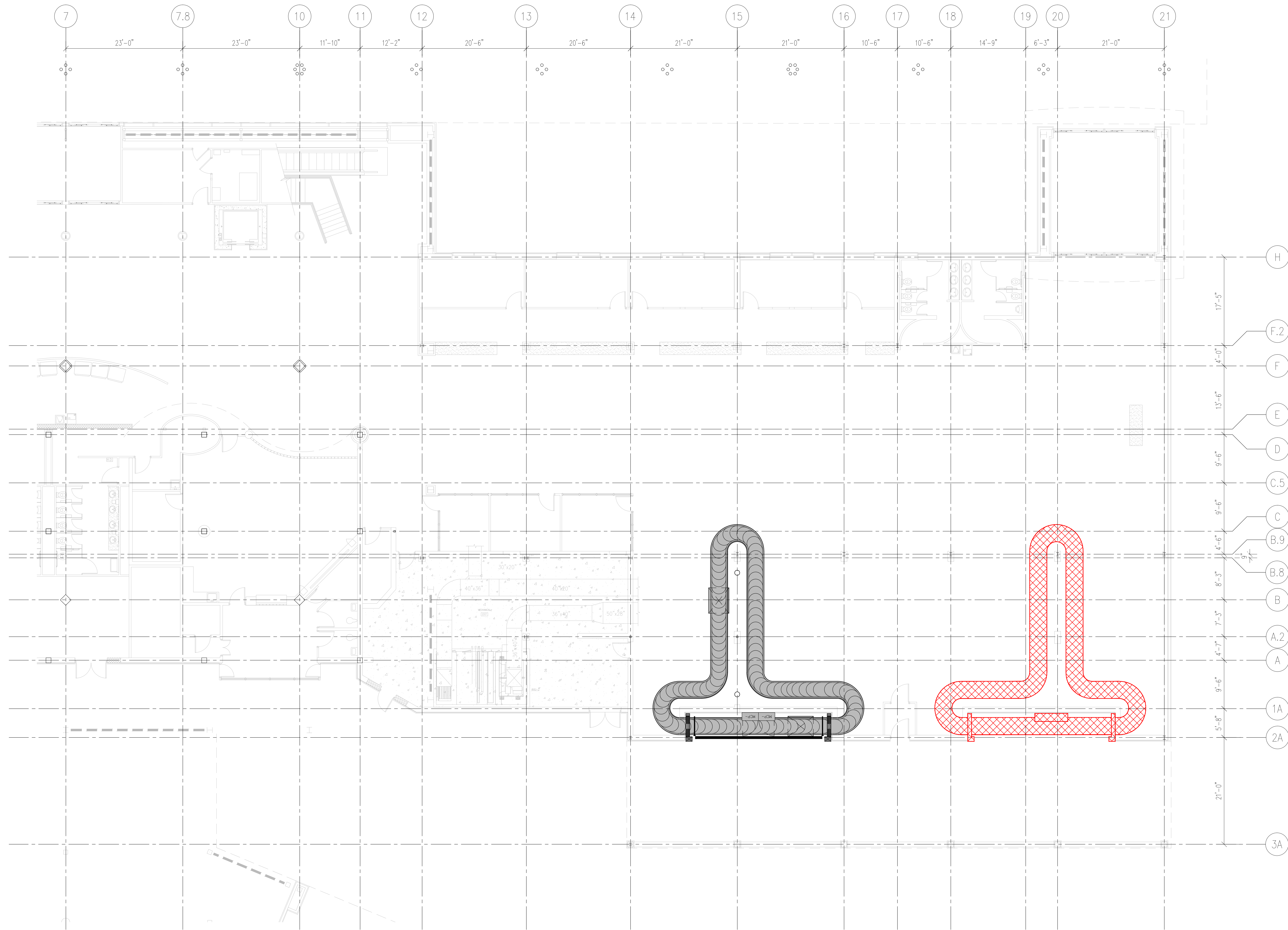
REVISIONS

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SHEET NUMBER

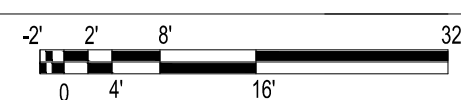
B4.002





DEMOLISH OPERATIONAL NEW INSTALL

1 PHASING PLAN - PHASE 3
SCALE: 1/16" = 1'-0"



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ENGINEER
DAVID
DAVID

Fayetteville Regional Airport – Airline Terminal Improvements – Part 1
FAY – BAGGAGE HANDLING SYSTEM
PHASING PLAN
PHASE 3

Fayetteville Regional Airport
400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: MT
REVIEW BY: MB
DATE: 01/27/16
PROJ. NO.: 1515

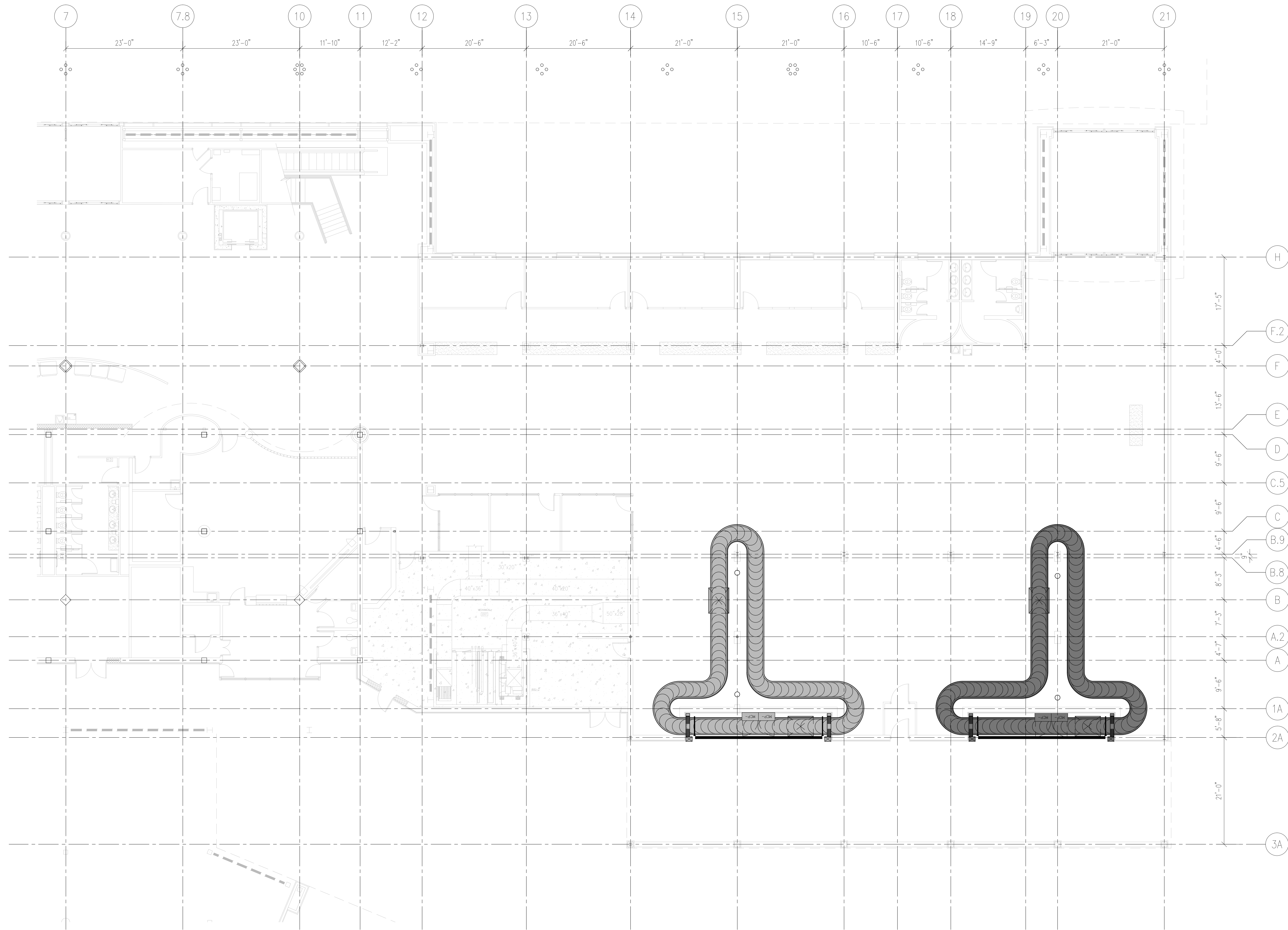
REVISIONS

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SHEET NUMBER

B4.003

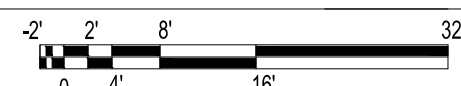




DEMOLISH OPERATIONAL NEW INSTALL

PHASING PLAN - PHASE 4

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



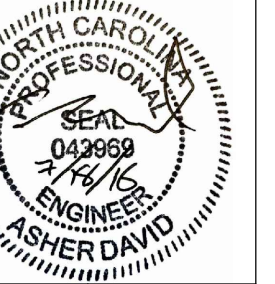
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Fayetteville Regional Airport – Airline Terminal Improvements – Part 1
FAY – BAGGAGE HANDLING SYSTEM
PHASING PLAN
PHASE 4
400 Airport Road
Fayetteville, North Carolina 28306

DRAWN BY: MT
REVIEW BY: MB
DATE: 01/27/16
PROJ. NO.: 1515

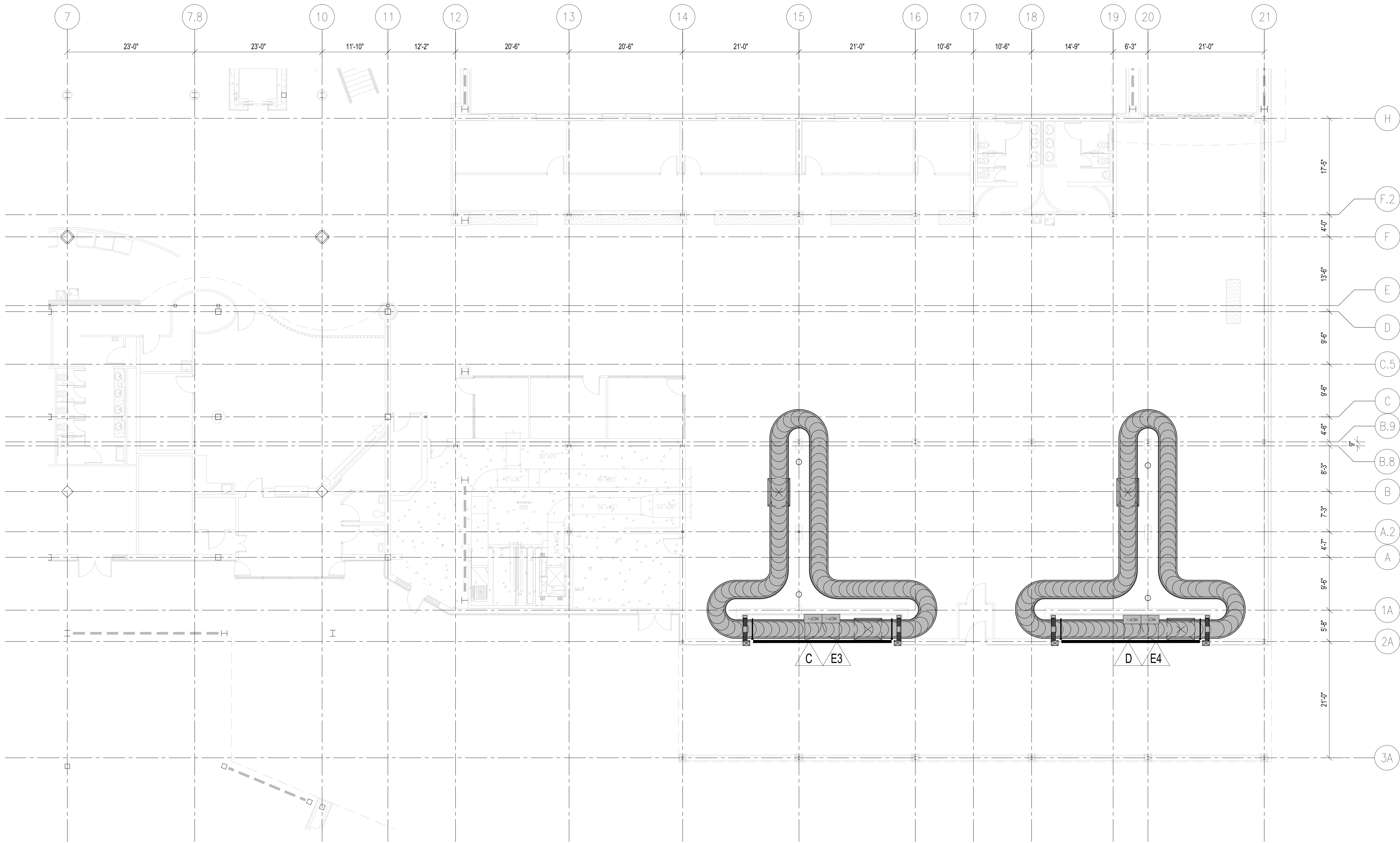
REVISIONS

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SHEET NUMBER

B4.004



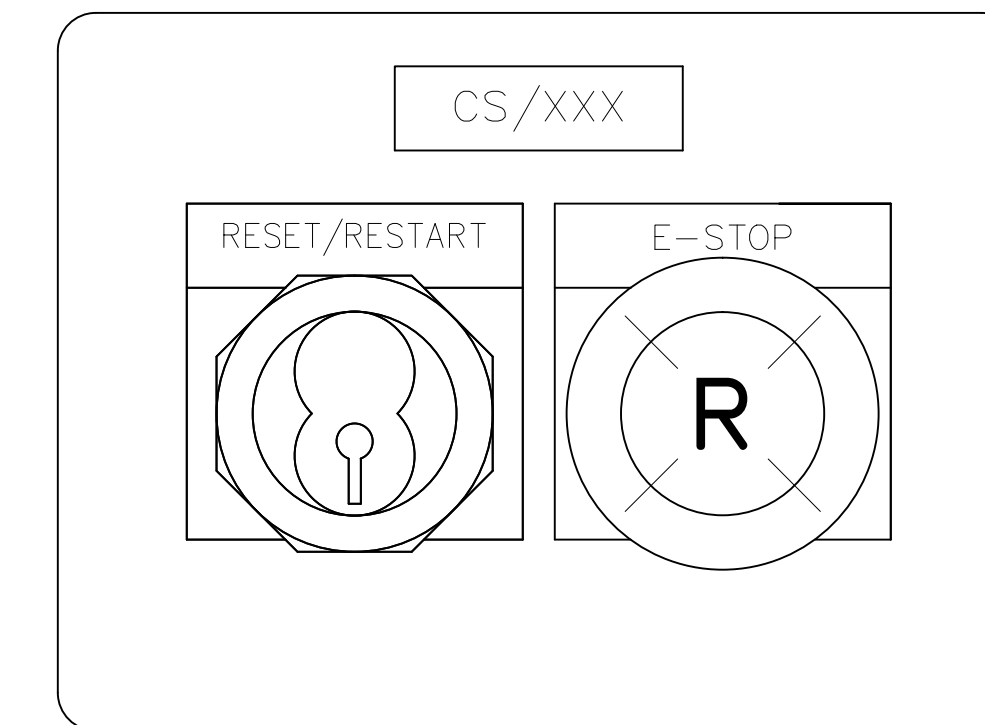
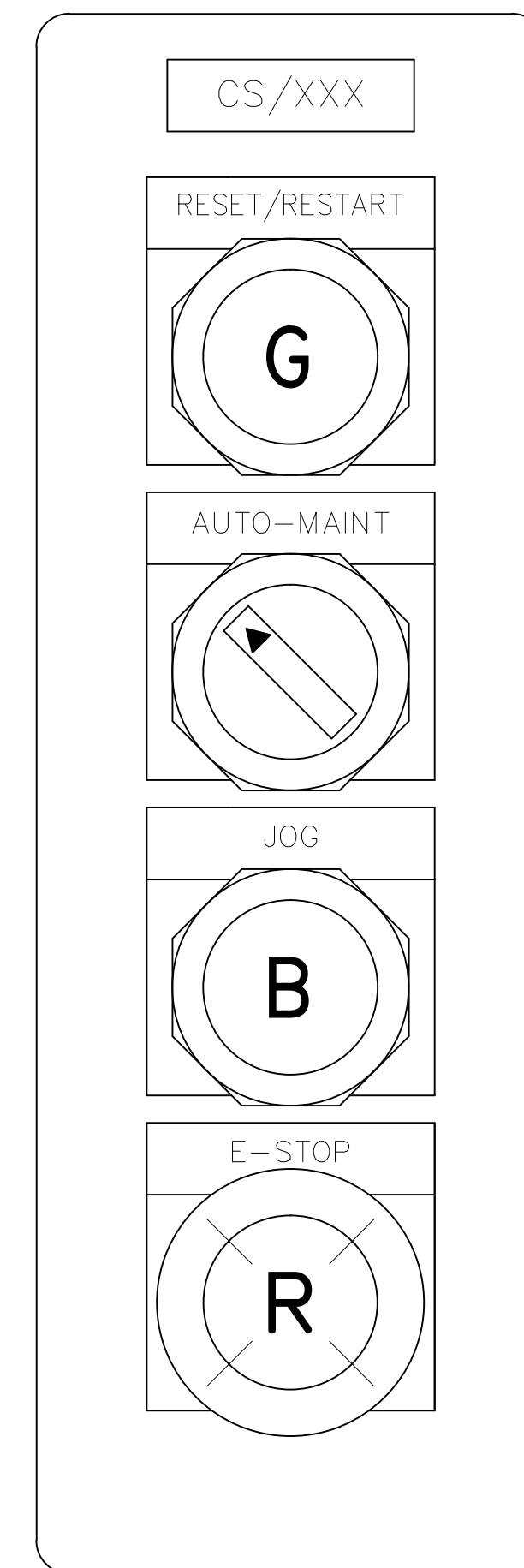
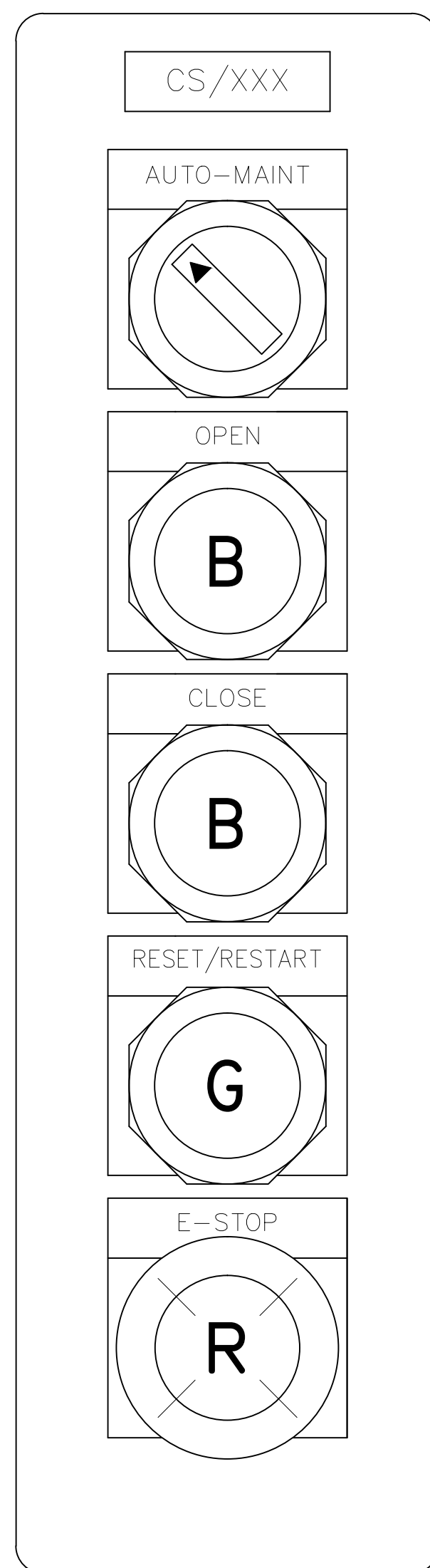


NOTE: ALL CONTROL DEVICES, CONTROL STATIONS, DRIVES, MCP'S, INSTALLED OUTSIDE TO BE NEMA 4X

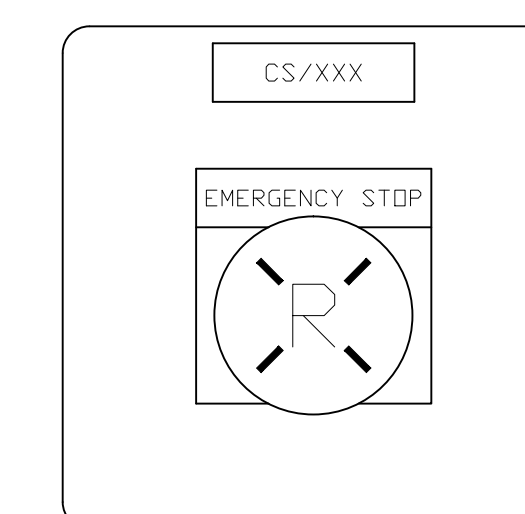
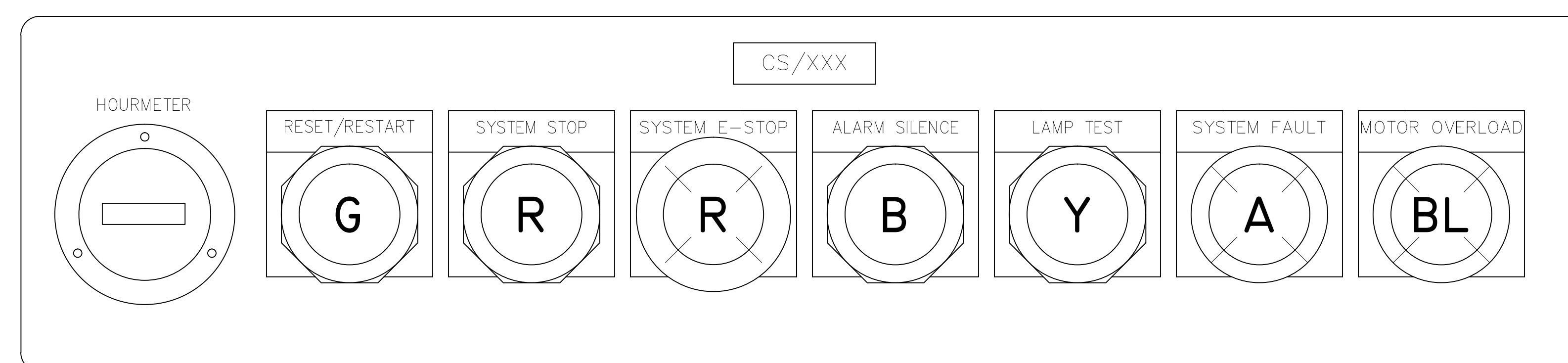
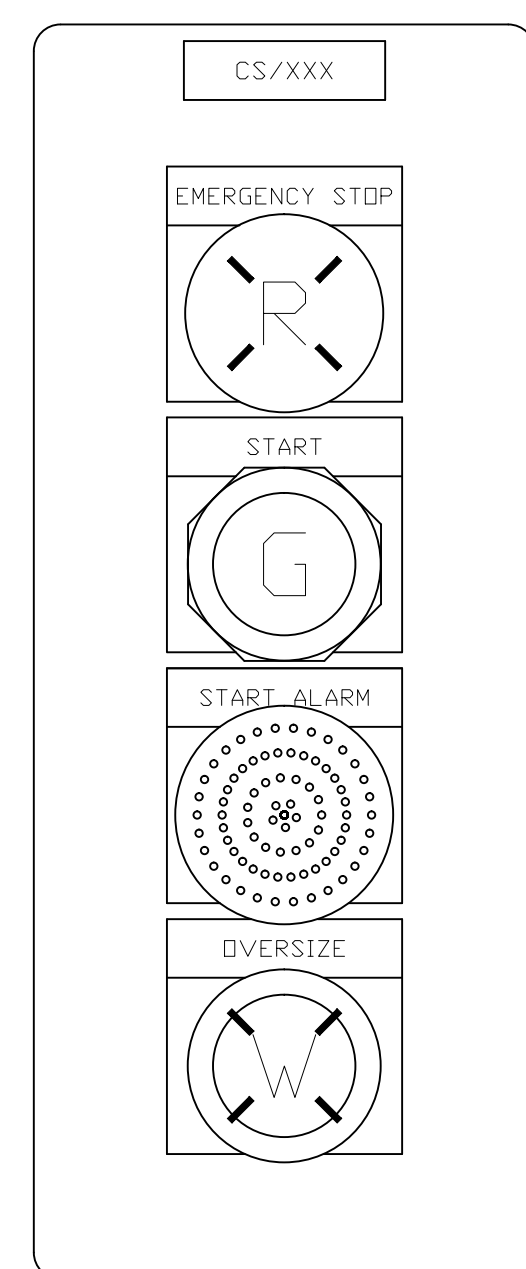
SUBSYSTEMS	INBOUND BHS - NORMAL POWER					
Subsystem	L.F.	HP	Total FLA	#Motors	VFD's	MCP-Size
Claim Device CD1	150	15	30	4	2	1
Claim Device CD2	150	15	30	4	2	1
Total:	300	30	60	8	4	2

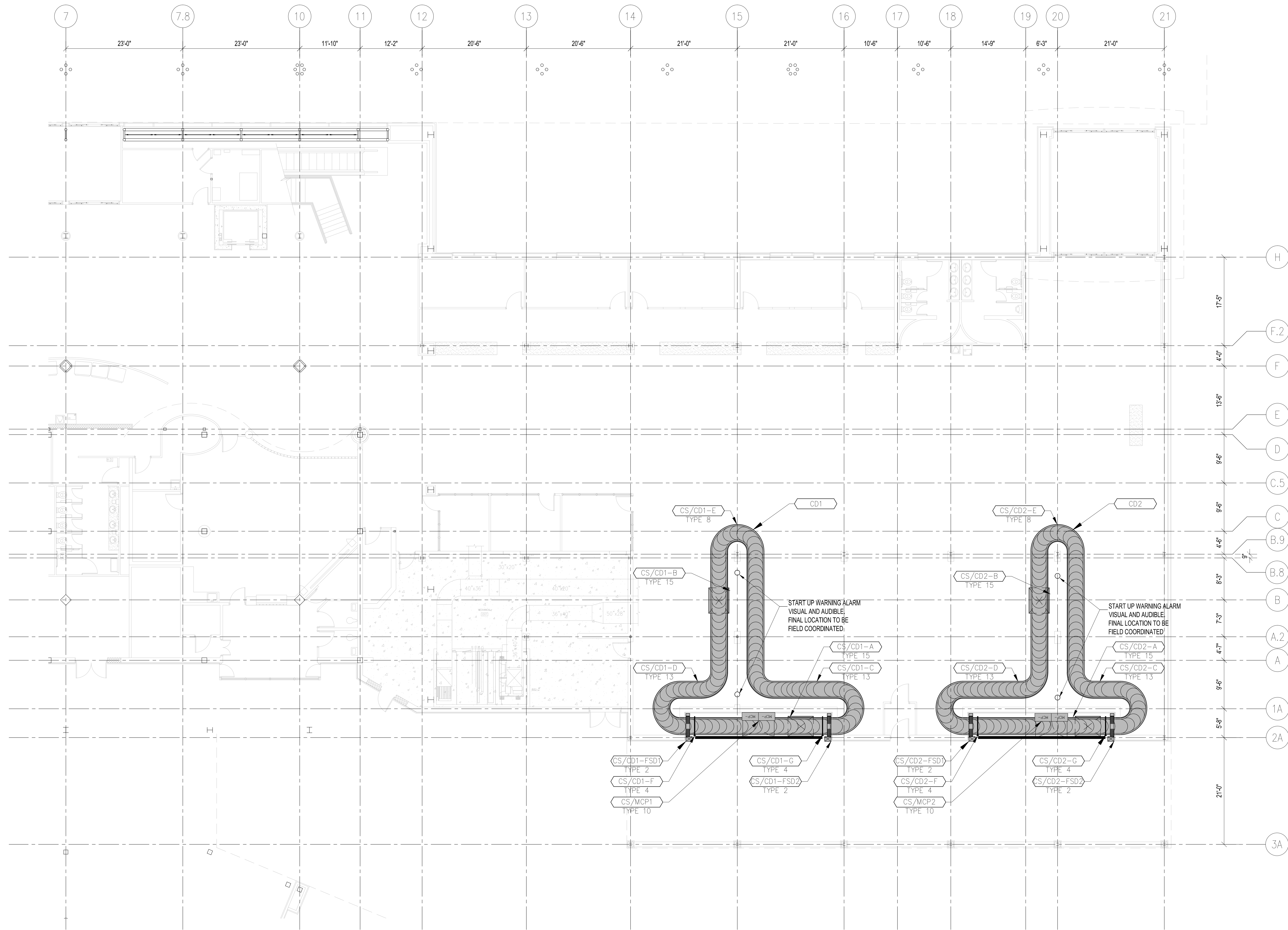
SUBSYSTEMS	INBOUND BHS - EMERGENCY POWER					
Subsystem	L.F.	HP	Total FLA	#Motors	VFD's	MCP-Size
Claim Device CD1	150	15	30	4	2	1
Claim Device CD2	150	15	30	4	2	1
Total:	300	30	60	8	4	2

Note: Above emergency power is also included in the normal new installed power.

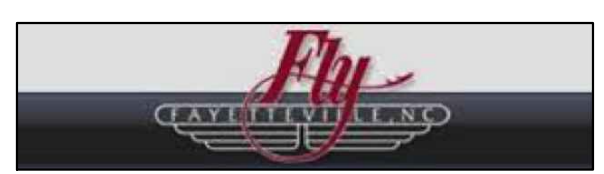


ALL TYPE 8 CONTROL STATIONS INSTALLED IN PUBLIC AREA TO BE STAINLESS STEEL CLAD AND INSTALLED IN BASE OF CLAIM DEVICE CLADDING. BHS CONTRACTOR TO PROVIDE DETAILS IN SHOP DRAWING SUBMITTALS





1
CONTROLS - CONTROL STATION LAYOUT
SCALE: 1/16" = 1'-0"



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FAY
FAYETTEVILLE REGIONAL AIRPORT

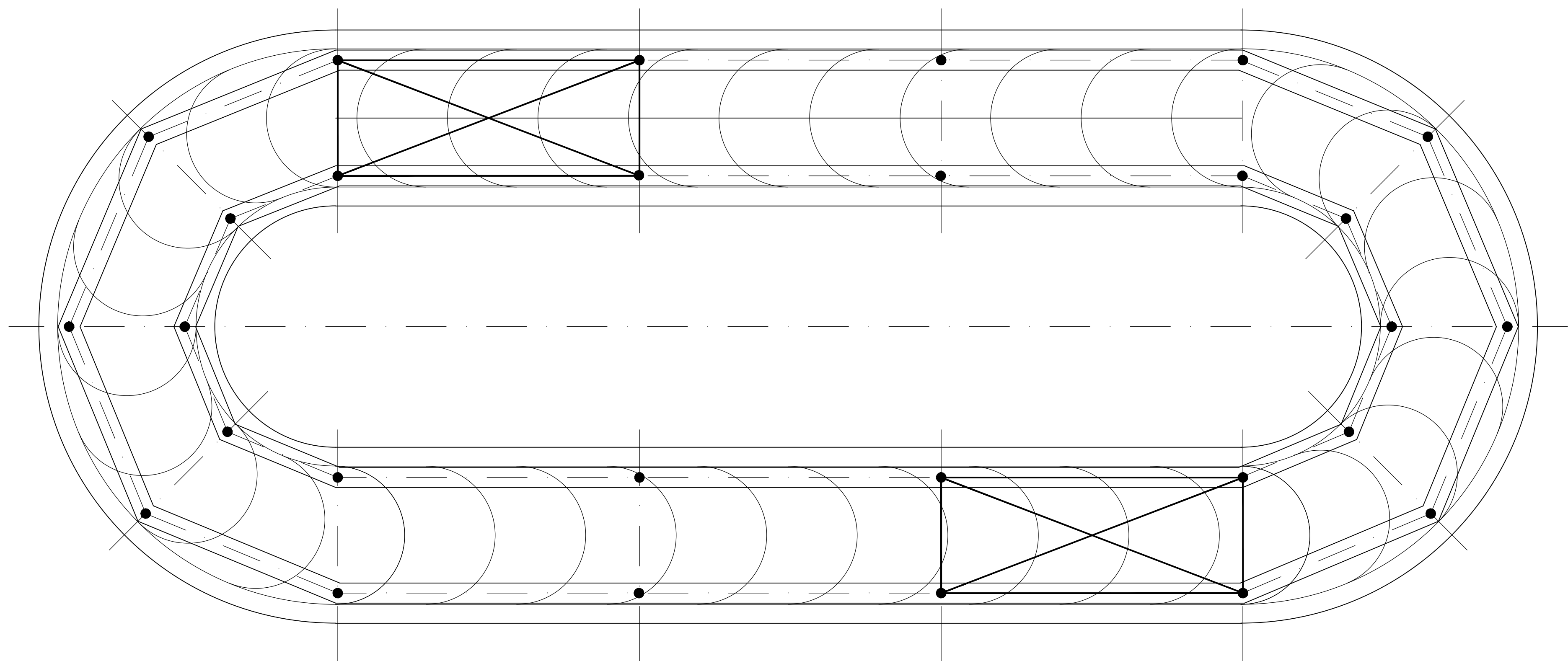
1
FAY - BAGGAGE HANDLING SYSTEM
#####

REVISIONS

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DRAWN BY: DT
REVIEW BY: MB
DATE: 01/27/16
PROJ. NO.: 1515

SHEET NUMBER
B5.003



6
DETAIL - FLAT PLATE
SUPPORTS
SCALE: 1/2" = 1'-0"

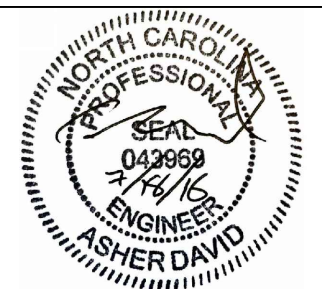


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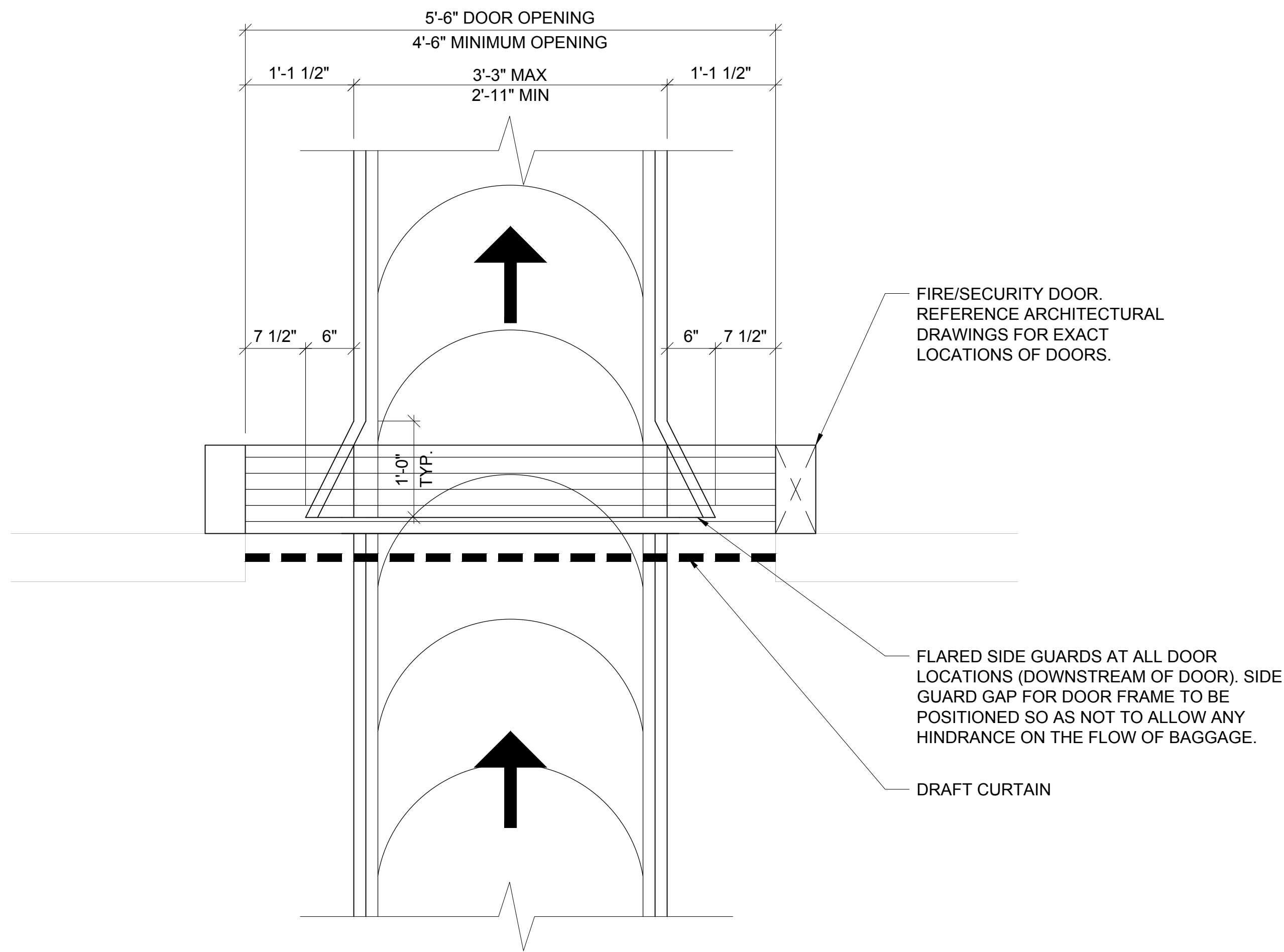


Fayetteville Regional Airport – Airline Terminal Improvements – Part 1
400 Airport Road
Fayetteville, North Carolina 28306
FAY – BAGGAGE HANDLING SYSTEM
TYPICAL DETAILS
LOADING

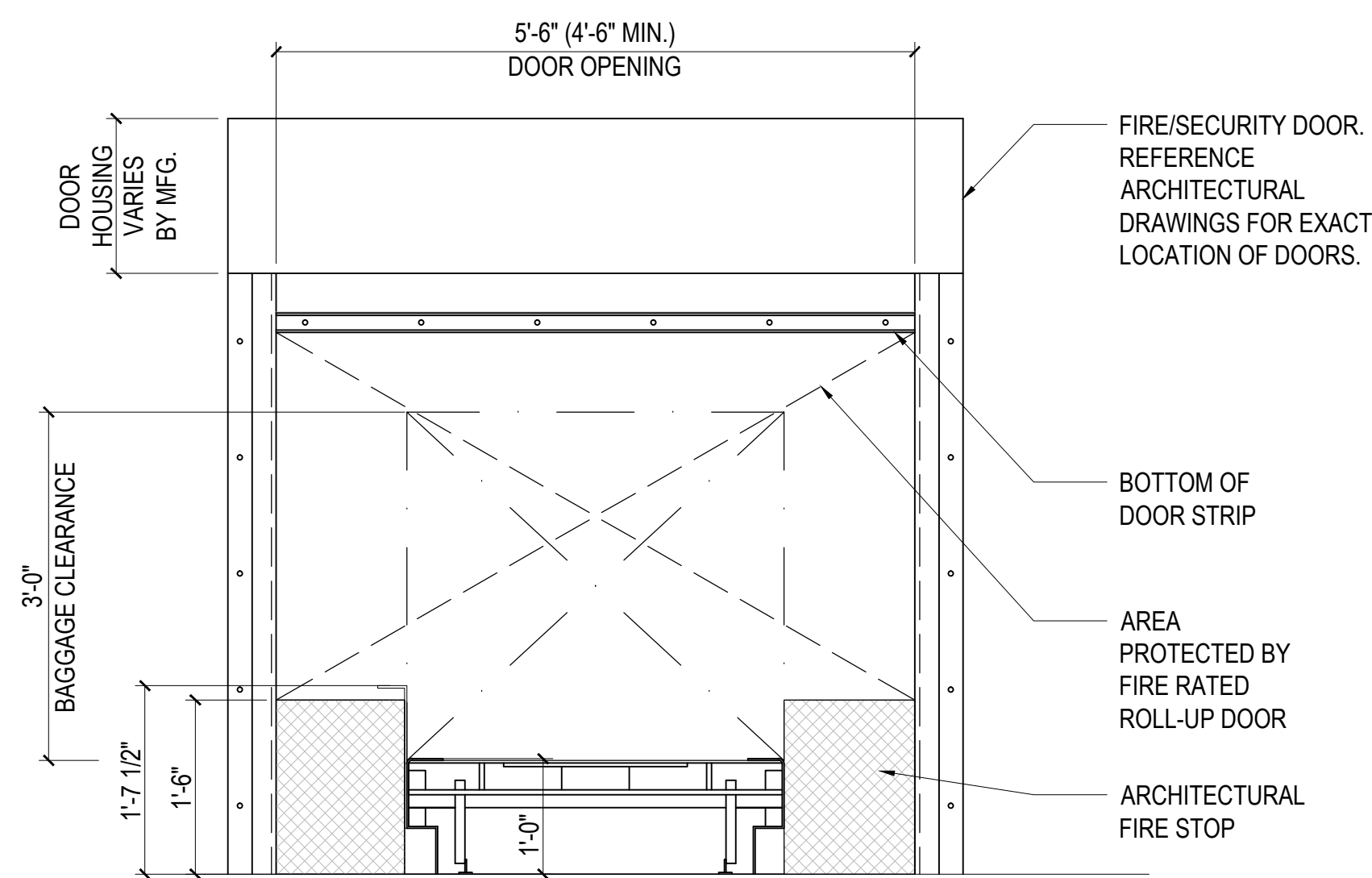
DRAWN BY: DT
REVIEW BY: MB
DATE: 01/27/16
PROJ. NO.: 1515

REVISIONS	
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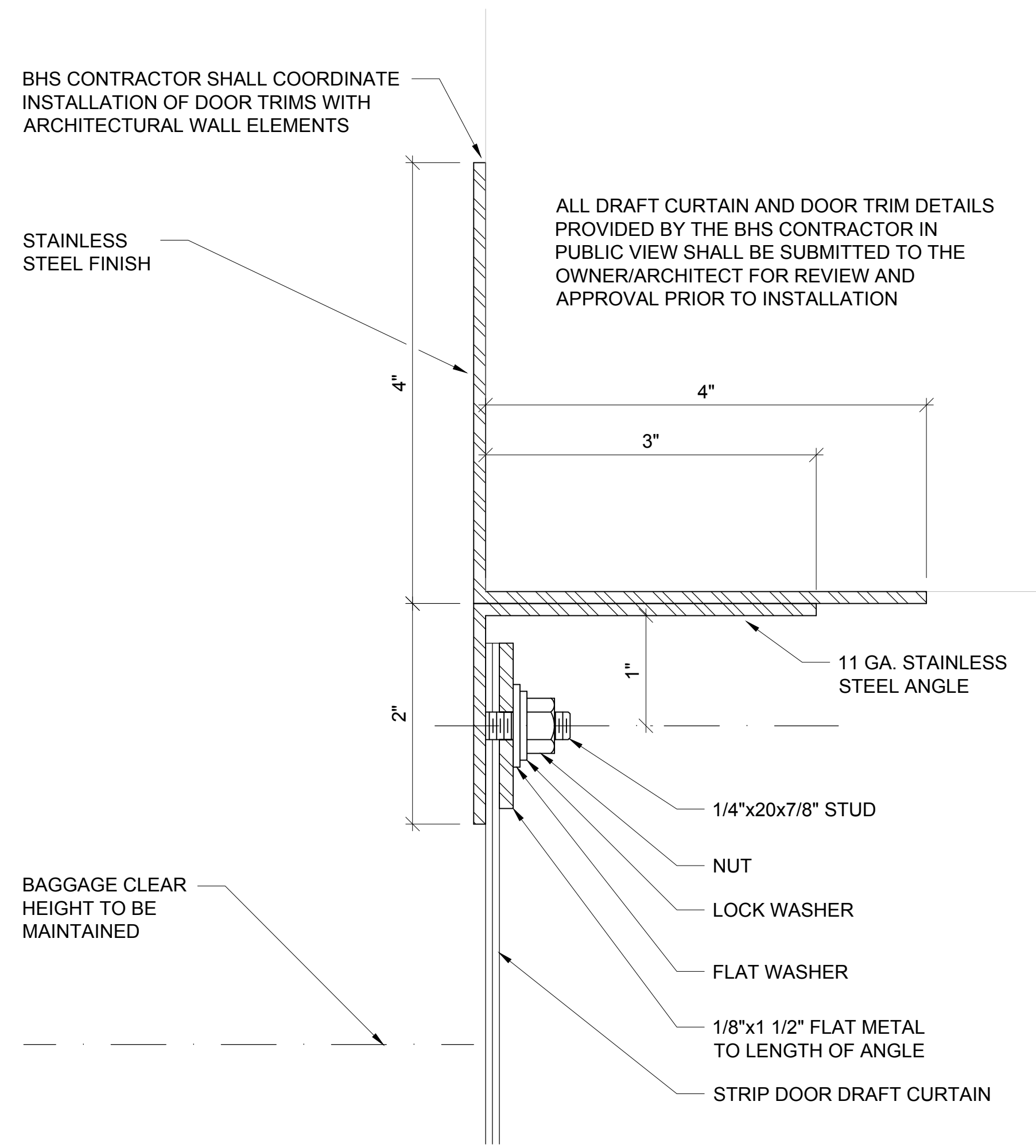
SHEET NUMBER
B7.001



DETAIL - FLARED SIDE GUARD FOR CONVEYOR GAP AT FIRE DOOR
SCALE: 1" = 1'-0"

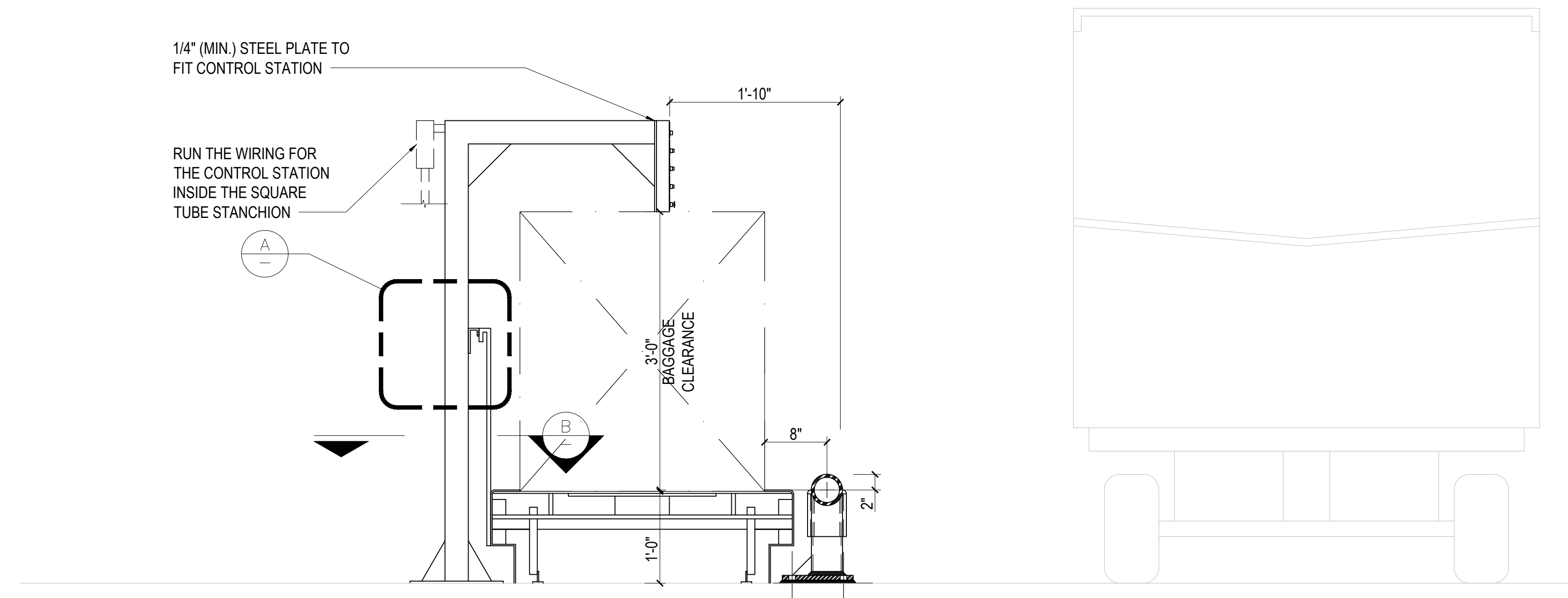


DETAIL - DOOR OPENING AND FIRE DOOR WITH FIRE STOPPING
SCALE: 3/4" = 1'-0"

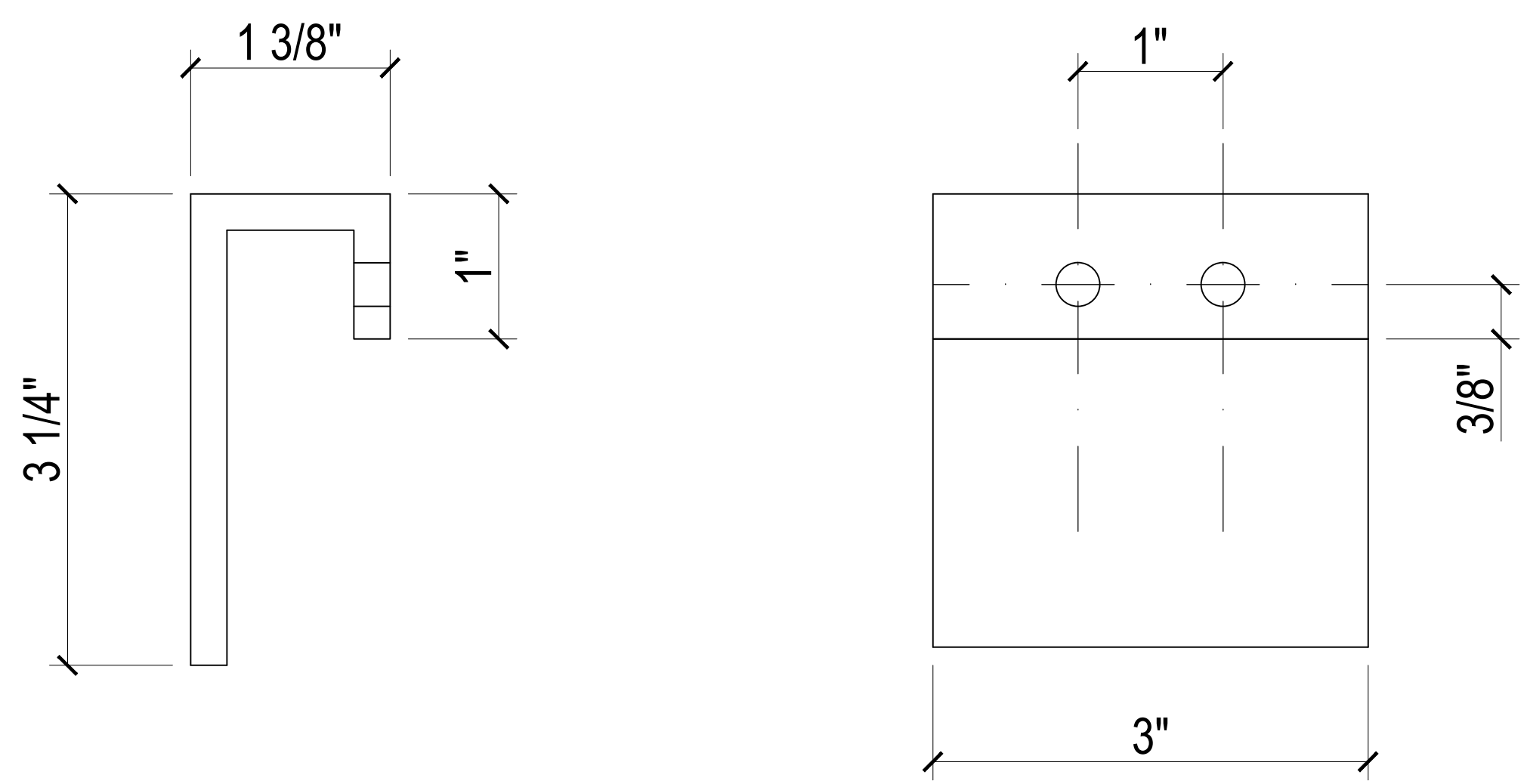


DETAIL - TYPICAL DRAFT CURTAIN MOUNTING
SCALE: 1:1

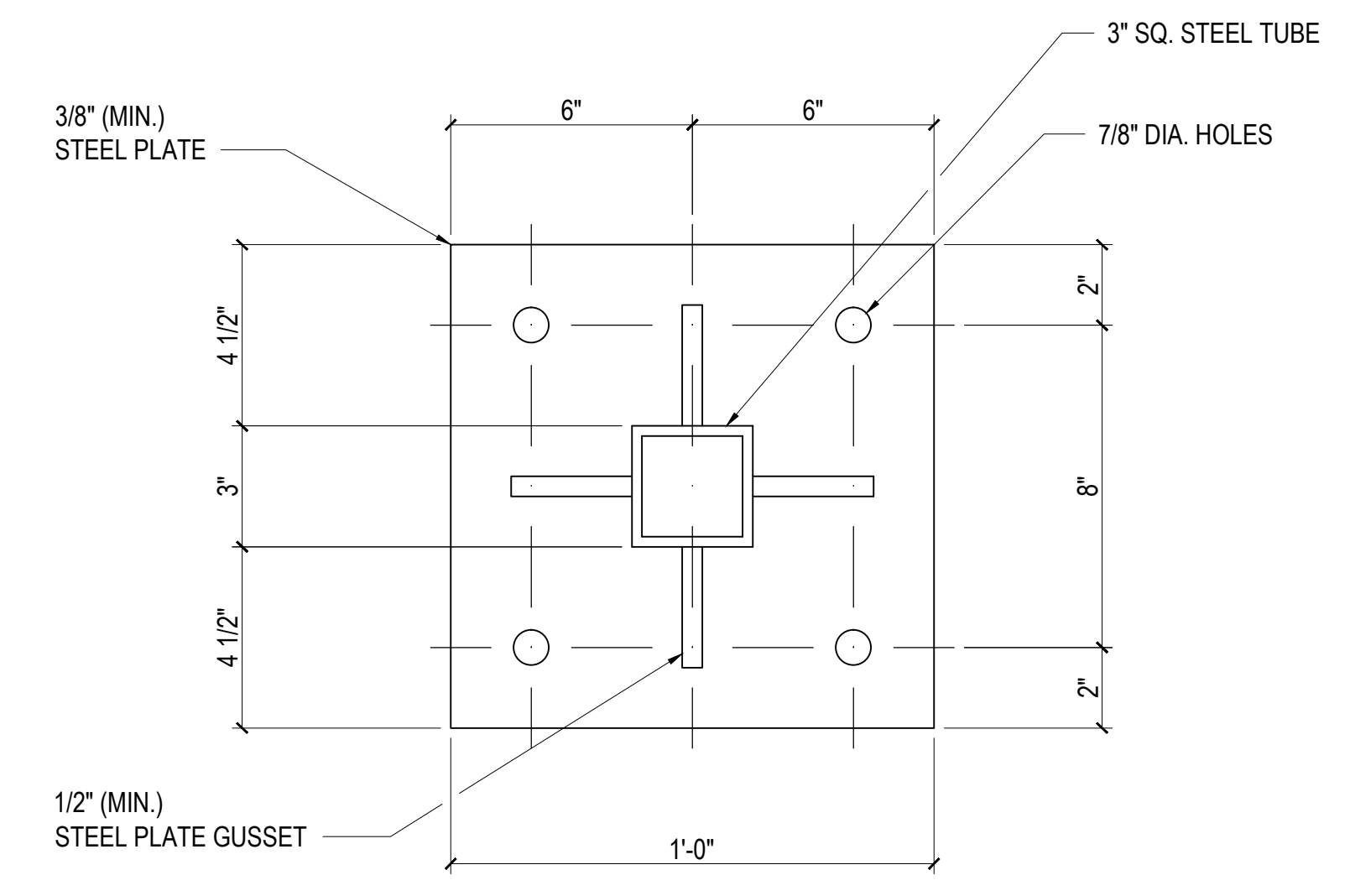




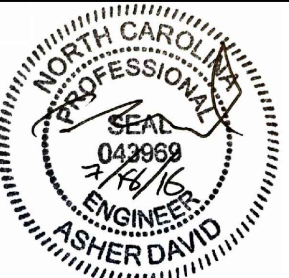
DETAIL - IMPACT PROTECTION AT FLAT PLATE
CLAIM DEVICE
SCALE: 1" = 1'-0"



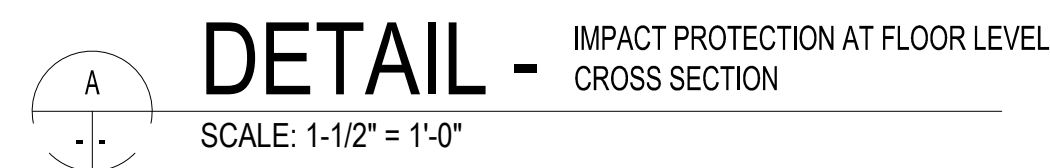
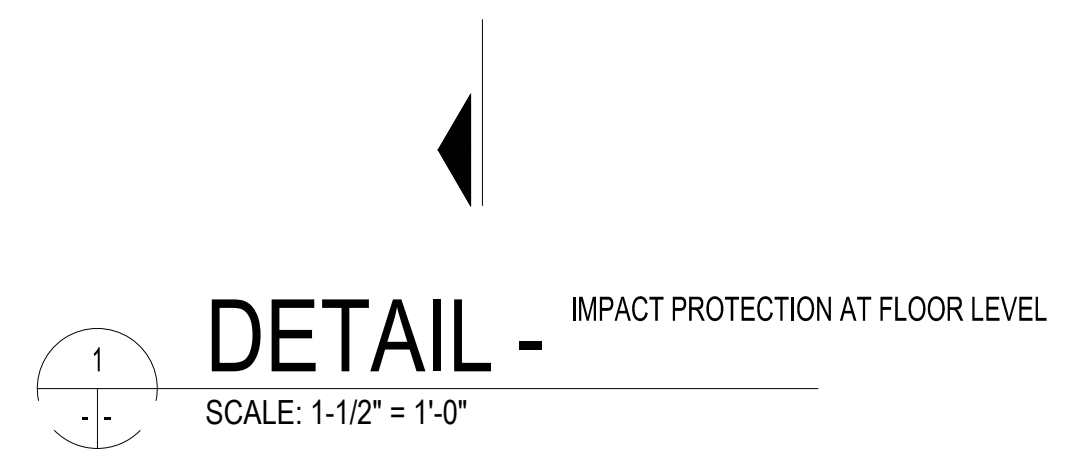
DETAIL - CONTROL STATION STANCHION
SIDE GUARD BRACE
SCALE: 6" = 1'-0"



DETAIL SECTION - CONTROL STATION STANCHION
BASE PLATE
SCALE: 3" = 1'-0"

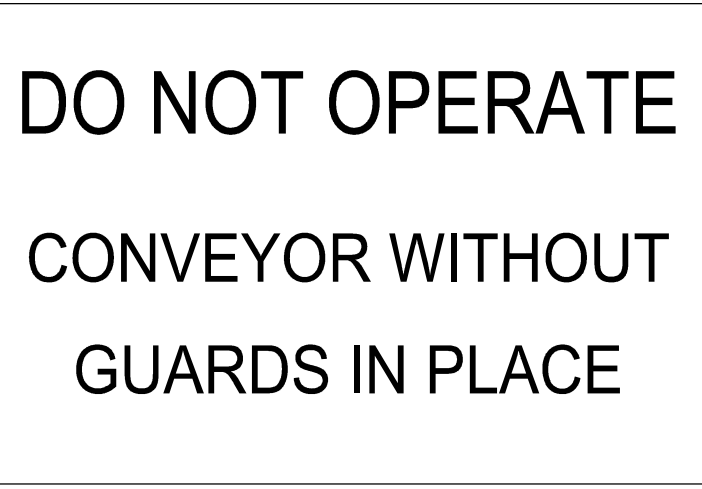


REVISIONS	
1	
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1
DETAIL - BHS OPERATIONAL WARNING SIGN #1
SCALE: N.T.S.



2
DETAIL - BHS OPERATIONAL WARNING SIGN #2
SCALE: N.T.S.



3
DETAIL - BHS OPERATIONAL WARNING SIGN #3
SCALE: N.T.S.



4
DETAIL - BHS OPERATIONAL WARNING SIGN #4
SCALE: N.T.S.



5
DETAIL - BHS OPERATIONAL WARNING SIGN #5
SCALE: N.T.S.



6
DETAIL - BHS OPERATIONAL WARNING SIGN #6
SCALE: N.T.S.



7
DETAIL - BHS OPERATIONAL WARNING SIGN #7
SCALE: N.T.S.



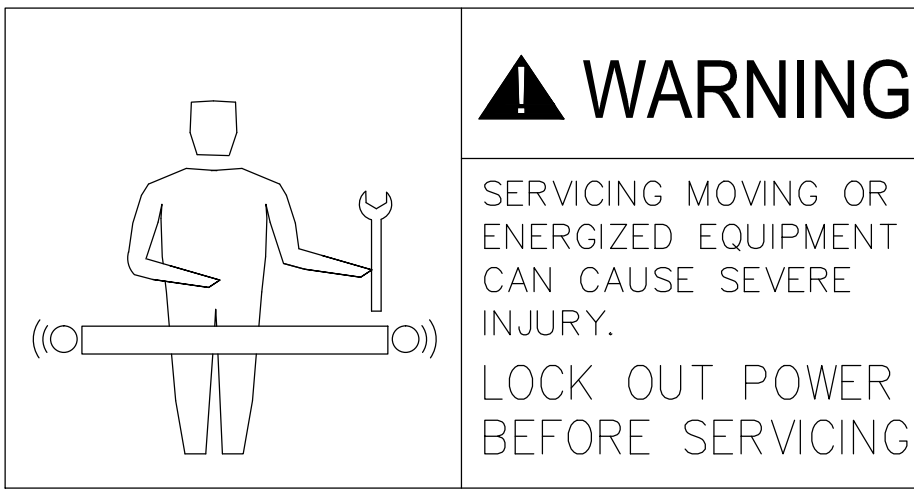
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SCALE: N.T.S.



9
DETAIL - BHS OPERATIONAL WARNING SIGN #9
SCALE: N.T.S.



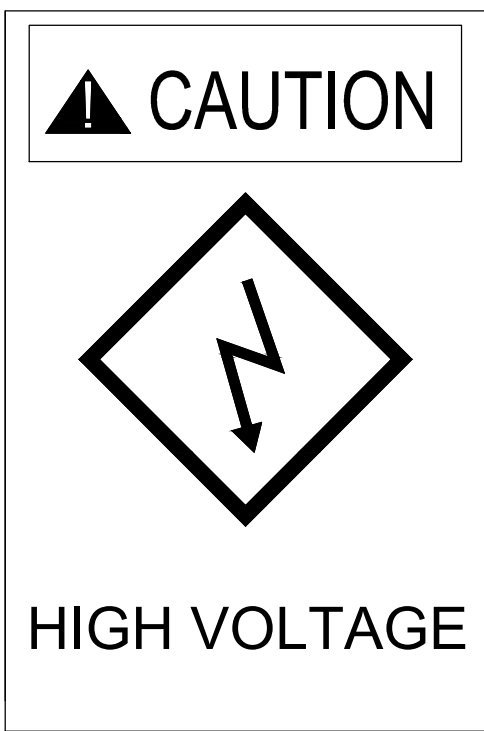
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SCALE: N.T.S.



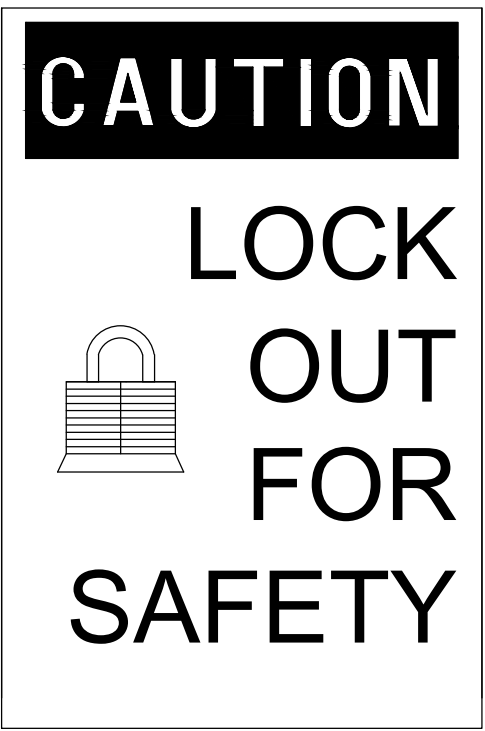
11
DETAIL - BHS OPERATIONAL WARNING SIGN #11
SCALE: N.T.S.



12
DETAIL - BHS OPERATIONAL WARNING SIGN #12
SCALE: N.T.S.



13
DETAIL - BHS OPERATIONAL WARNING SIGN #13
SCALE: N.T.S.



14
DETAIL - BHS OPERATIONAL WARNING SIGN #14
SCALE: N.T.S.



15
DETAIL - BHS OPERATIONAL WARNING SIGN #15
SCALE: N.T.S.



16
DETAIL - BHS OPERATIONAL WARNING SIGN #16
SCALE: N.T.S.



17
DETAIL - BHS OPERATIONAL WARNING SIGN #17
SCALE: N.T.S.



18
DETAIL - BHS OPERATIONAL WARNING SIGN #18
SCALE: N.T.S.