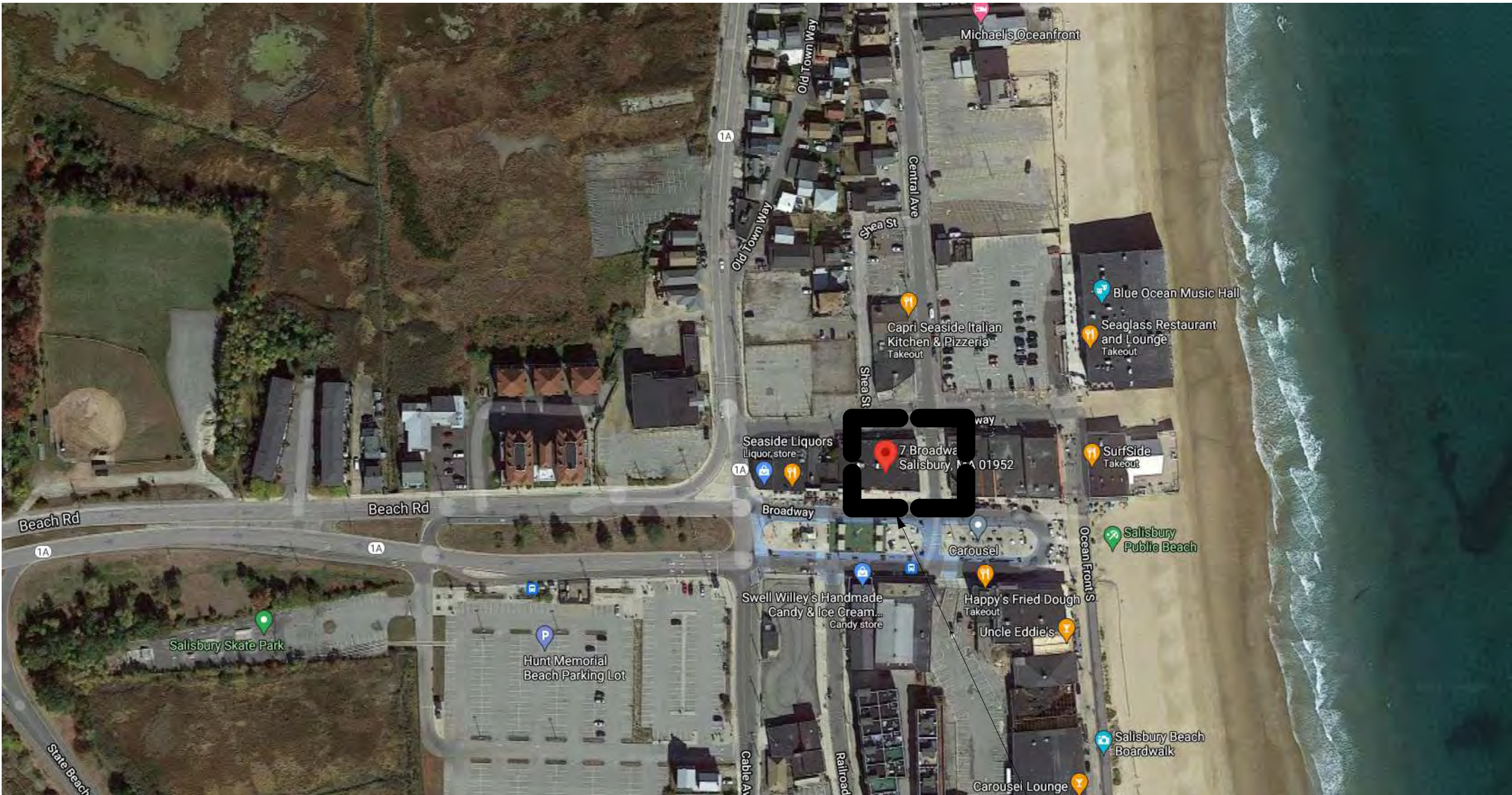


Project Summary

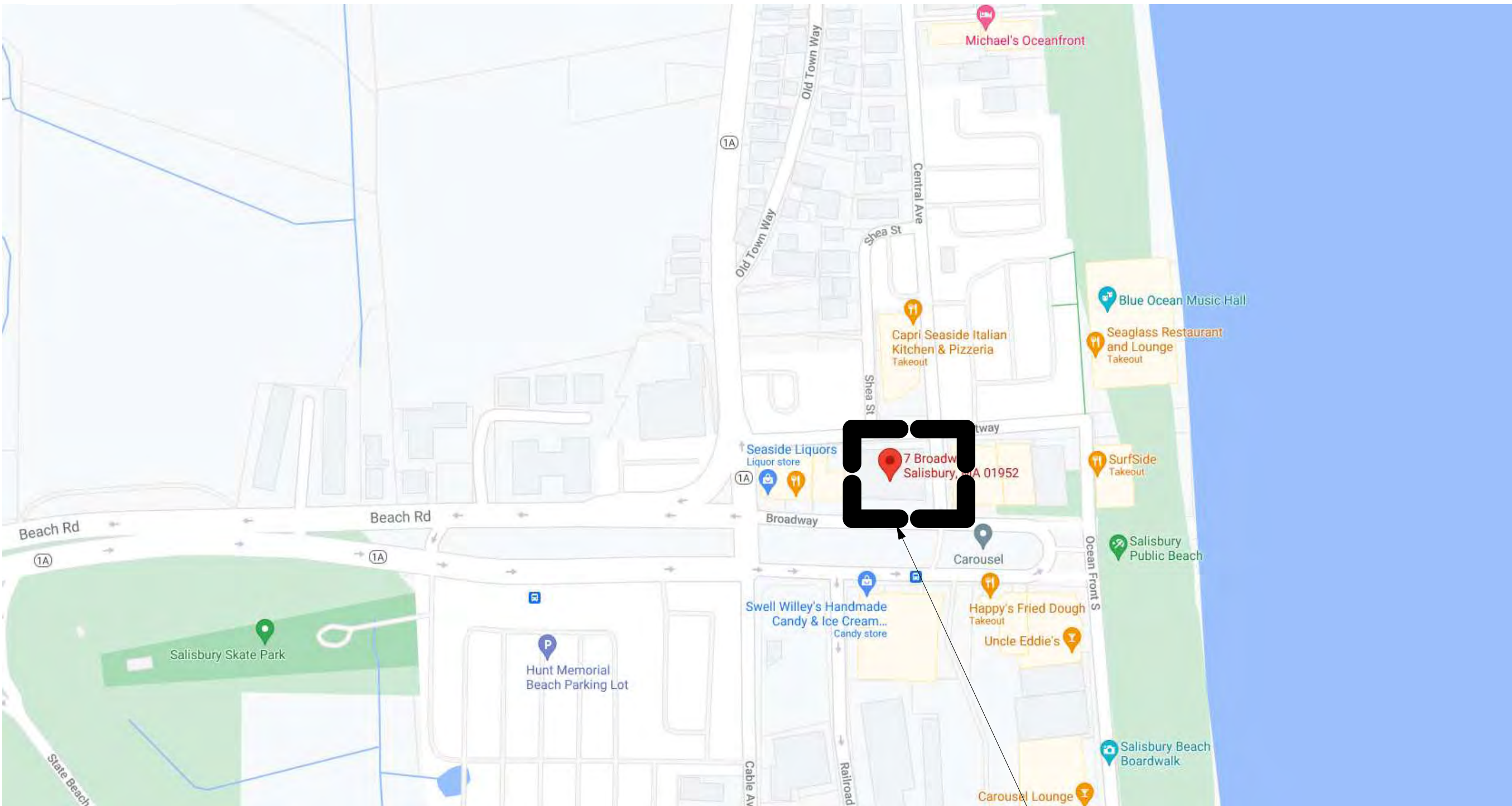
These drawings depict the new construction of an approx. 6641 s.f. octagonal timber framed Carousel House building with attached support and commercial/retail spaces. The existing non-conforming one-story building that is approximately 9992 s.f. will be demolished and removed. The proposed building is within a Coastal A zone and will be elevated on an open pile foundation with a minimum of 2 feet clearance from grade to the lowest horizontal structure. Handicap accessibly for entrance/egress will be provided by exterior ramps. Two staff parking spaces are to be provided on site that will be accessed with an existing curb cut from Driftway.

Building Aerial View



Area of Work

Locus Plan



Area of Work

Flying Horses Carousel

7 Broadway, Salisbury, MA

11/2/21 PROGRESS SET

DRAWING LIST

General Project Information		A100	Architectural Site Plan	Structural	General Notes
		A111	First Floor Plan		
		A121	Roof Plan		
T-1	Title Sheet	AR111	Reflected Ceiling Plan	S100	Foundation / Pile Layout Plan
T-2	Code Analysis		A201	South Elevation & Building Section	S101
Civil	Existing Conditions Plan	A202	North & East Elevations	S102	Partial Floor Framing Plans
		A401	Interior Elevations	S200	Details and Section
C1	Site Plan	A501	Buidling Details	S201	Details and Sections
C2	Site Details	A502	Building Details	Lighting	Lighting Plan, Schedule, & Renderings
C3		A503	Building Details		
		A504	Stair Section Detail		
Architectural	Demolition Plan	A601	Door Schedule & Types	L1	Photometric Diagram
AD100		A602	Window Schedule & Types	L2	
A001		A603	Partition Schedule		
A002	Construction Work Area Plan				



Rendered View from Broadway

OWNER/CLIENT

Salisbury Beach Partnership

98 Elm Street
Salisbury, MA 01952

ARCHITECT



20 Conant Street
Danvers, MA 01923 978-750-9062
gienapparchitects.com

CIVIL

Millennium Engineering, Inc.

62 Elm Street, Salisbury, MA 01952
978-463-8980
13 Hampton Road, Exeter, NH 03833
603-778-0528

STRUCTURAL

TLH Consulting

505 Middlesex Turnpike #14
Billerica, MA 01820
978-362-1804

HVAC / PLUMBING / FIRE PROTECTION

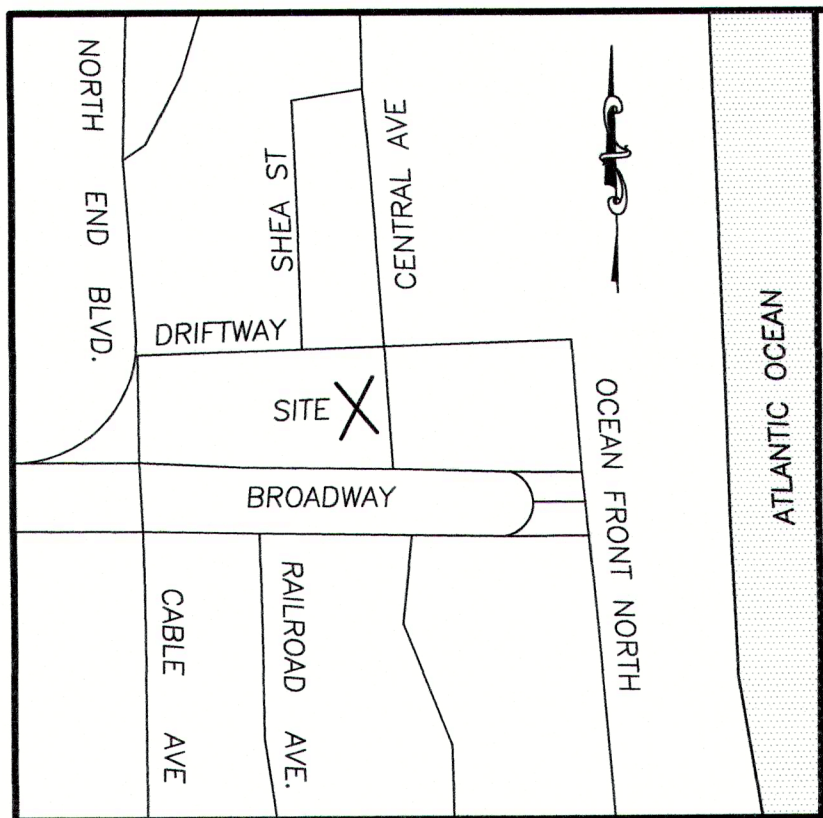
Dry Air Systems, Inc.

62 Forest Ridge Drive
Rowley, MA 01969
978-948-2151

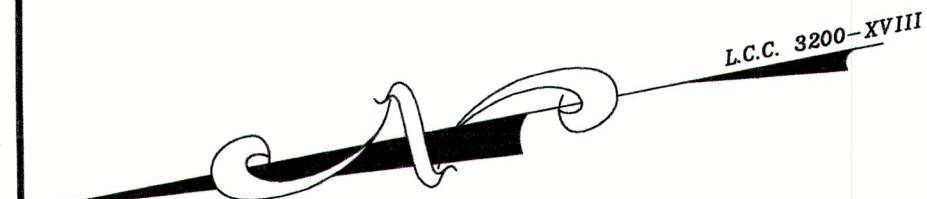
Lighting

Boston Light Source

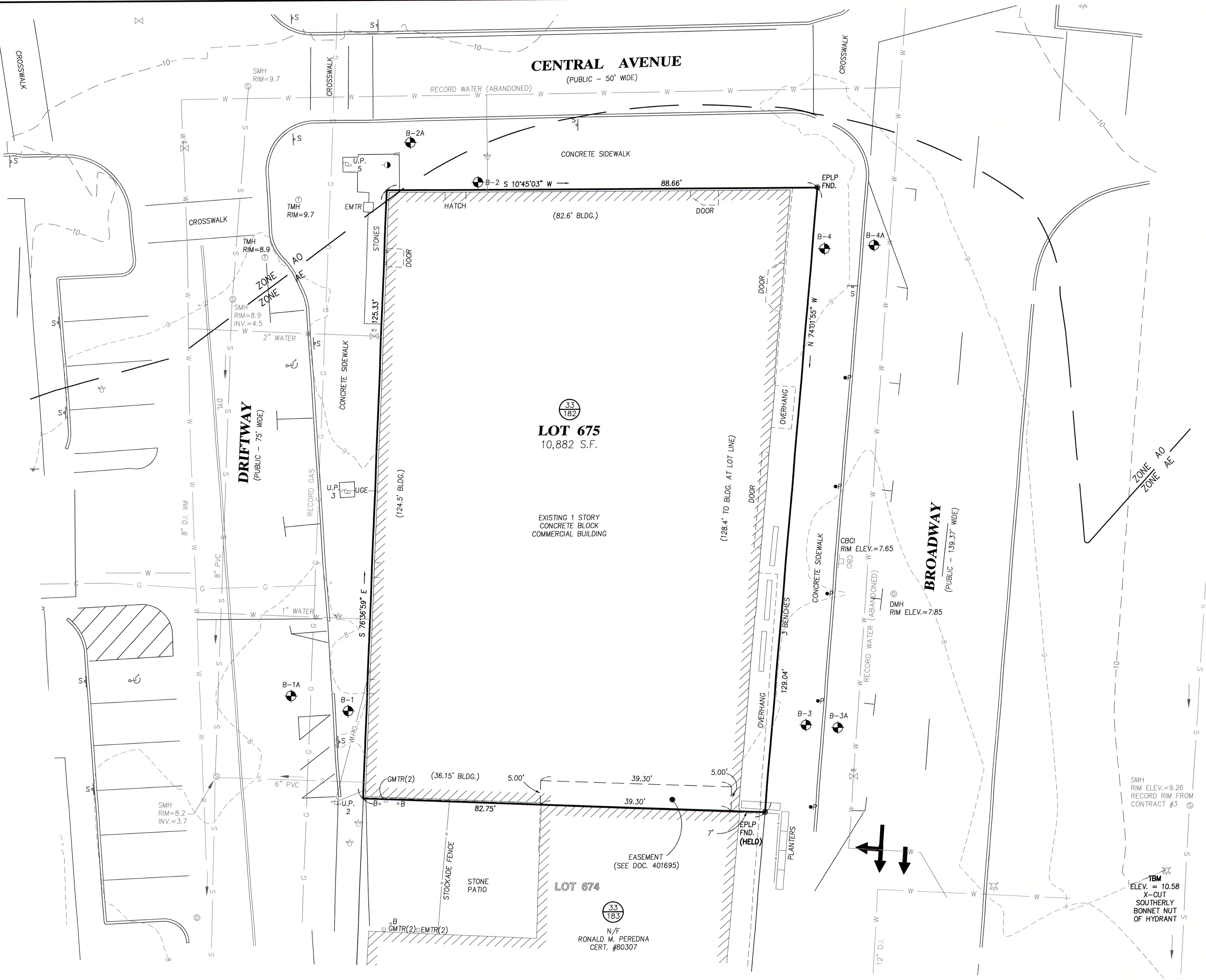
64 Commercial Wharf
Boston, MA 02110
617-788-2400



LOCUS MAP
N.T.S.



- LEGEND**
- D.H. DRILL HOLE
 - I.P. IRON PIPE
 - I ROD IRON ROD
 - FND. FOUND
 - N/F NOW OR FORMERLY
 - U.P. UTILITY POLE
 - D DRAINAGE
 - W WATER
 - S SEWER
 - G GAS
 - G GAS
 - UGE UNDERGROUND ELECTRIC
 - CB CATCH BASIN
 - DMH DRAIN MANHOLE
 - SMH SEWER MANHOLE
 - HYDRANT
 - GAS VALVE
 - GAS SHUT OFF
 - WATER SHUT OFF
 - WATER VALVE
 - PARKING METER POST
 - CHAIN LINK FENCE
 - SIGN
 - EMTR ELECTRIC METER
 - GMTR GAS METER
 - B BOLLARD
 - B-1A BORING LOCATION & DESIGNATION
 - ASSESSORS MAP#
 - PARCEL#



BASIS OF BEARINGS
L.C.C. #3200-XVIII

OWNER OF RECORD
ABCAP PROPERTIES, LLC.
ESSEX COUNTY REGISTRY OF DEEDS
L.C. CERT. #: 90070

PLAN REFERENCES
L.C.C. #3200-XVIII
L.C.C. #3200-46
L.C.C. #3200-162

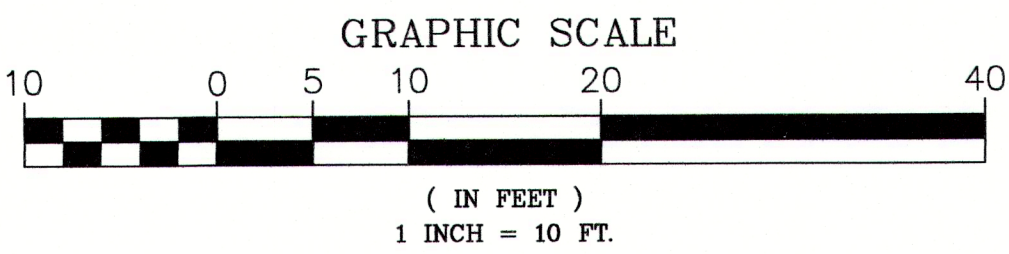
FLOOD NOTE
PROPERTY LIES IN ZONE AO (DEPTH 2') AND AE (EL. 9) AS SHOWN ON COMMUNITY PANEL #25009C0129F, EFFECTIVE DATE 7-3-2012.

DATUM
BENCHMARK: MASSDOT P.I.D. 16042
BRASS RIVET FOUND IN THE NORTHWEST CORNER OF A CONCRETE BASE FOR AN ELECTRICAL CONTROL BOX IN THE GRASS ISLAND AT THE INTERSECTION OF ROUTE 1A (NORTH END BOULEVARD) AND BEACH ROAD.
RECORD ELEV.=7.89 (N.A.V.D. 1988)
MEAN HIGH WATER (MHW) = 3.7

NOTES:
THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT, VISIBLE USES OF THE LAND; HOWEVER, THIS DOES NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.
RECORD UTILITY INFORMATION HAS BEEN OBTAINED FOR LOCUS. VISIBLE SURFACE STRUCTURES HAVE BEEN LOCATED AND ARE SHOWN HEREON AND, SUBSURFACE UTILITY LINES ARE SHOWN, BUT ALL UTILITIES TO BE VERIFIED BY THE RESPECTIVE UTILITY COMPANY.
THE CERTIFICATIONS SHOWN HEREON ARE NOT INTENDED AS CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN OF SALISBURY ASSESSORS RECORDS.

I CERTIFY:
THAT THIS ACTUAL SURVEY WAS MADE ON THE GROUND BETWEEN APRIL 3, 2018 AND OCTOBER 14, 2021, AND THAT THE STRUCTURES AND PHYSICAL FEATURES ARE LOCATED AS SHOWN TO THE BEST OF MY ABILITY AND BELIEF.

JEFFREY S. HOFMANN
PROFESSIONAL LAND SURVEYOR
DATE 10/18/21



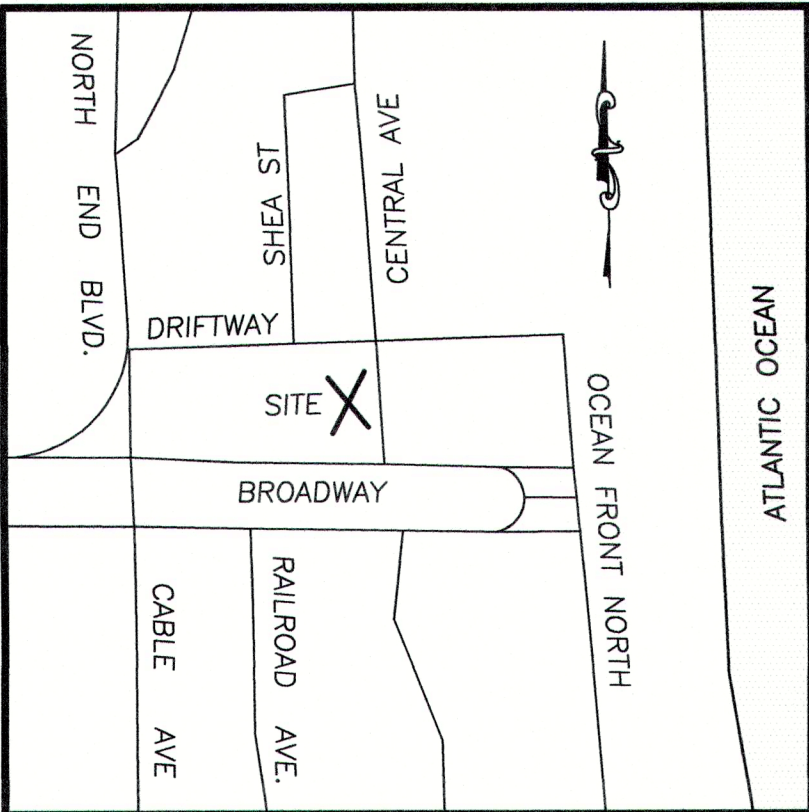
PREPARED FOR
ABCAP PROPERTIES, LLC.
PO BOX 5514
SALISBURY, MA 01952

MILLENNIUM ENGINEERING, INC.
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

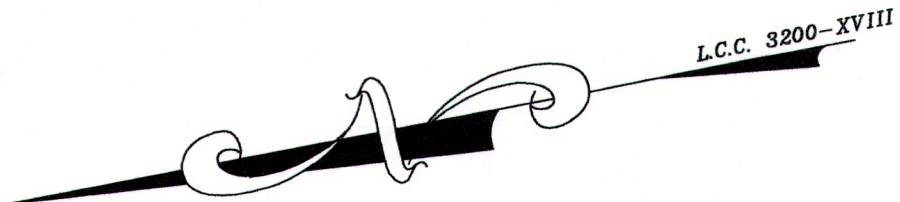
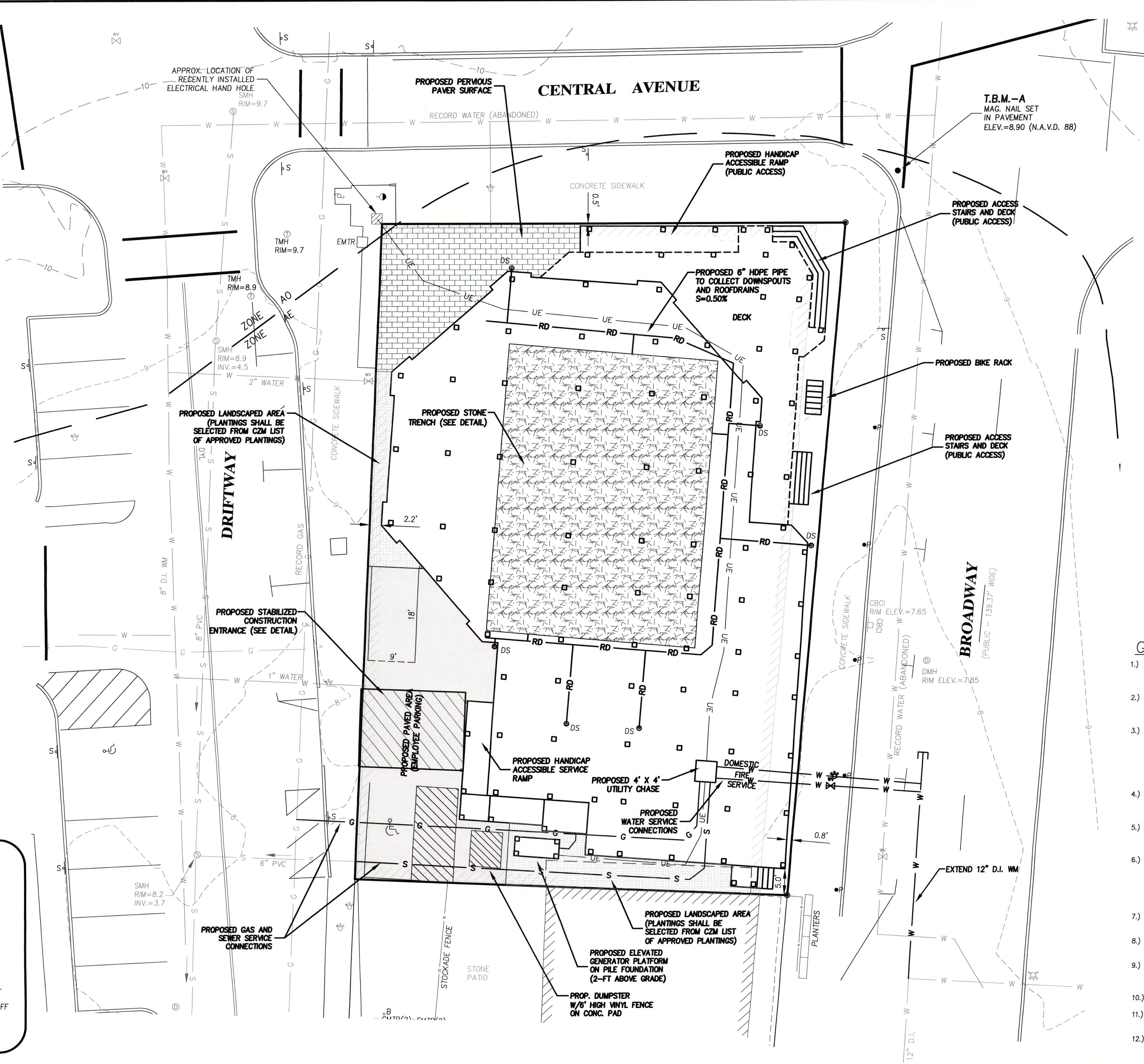
SCALE: 1"=10'
DATE: OCT. 18, 2021
CALC. BY: P.D.B.
CHKD. BY: J.S.H.
PROJECT: M213975

PLAN OF LAND
IN
SALISBURY, MA
SHOWING
FLYING HORSES CAROUSEL
AT
#7 BROADWAY

EXISTING CONDITIONS PLAN
SHEET: C-1



LOCUS MAP
N.T.S.

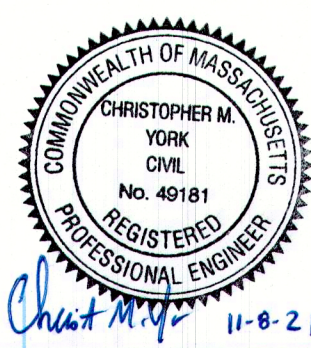
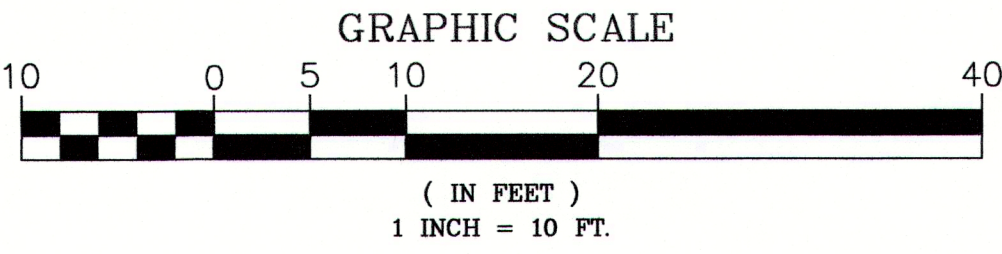


GENERAL NOTES

- 1.) ALL WORK SHALL CONFORM TO: THE SALISBURY PLANNING BOARD RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND, THE WETLANDS PROTECTION ACT (310 CMR 10.00), THE ORDER OF CONDITIONS ISSUED BY THE SALISBURY CONSERVATION COMMISSION, AND THESE PLANS.
- 2.) THE CONTRACTOR SHALL REPORT TO THE OWNER AND ENGINEER ANY SIGNIFICANT VARIATIONS IN EXISTING SITE CONDITIONS. ANY PROPOSED REVISIONS TO THE WORK SHALL NOT BE UNDERTAKEN UNTIL REVIEWED AND APPROVED BY THE OWNER AND REGULATING MUNICIPAL AND/OR STATE AGENCIES.
- 3.) THE LOCATION OF ALL UTILITIES, AS SHOWN ON THESE PLANS, ARE BASED UPON PLANS AND RECORD INFORMATION PROVIDED BY MUNICIPAL AND PRIVATE UTILITY COMPANIES AND ARE CONSIDERED APPROXIMATE BOTH AS TO SIZE AND LOCATION. NO WARRANTY IS MADE TO THE ACCURACY OF THESE LOCATIONS OR THAT ALL UTILITIES ARE SHOWN. THE CONTRACTOR SHALL NOT RELY ON THESE PLANS FOR SUCH INFORMATION AND SHALL MAKE EXAMINATIONS IN THE FIELD BY VARIOUS AVAILABLE RECORDS, UTILITY COMPANIES AND INDIVIDUALS, AS TO THE LOCATION OF ALL SUBSURFACE STRUCTURES.
- 4.) THE CONTRACTOR SHALL FIELD CHECK ALL DIMENSIONS AND ELEVATIONS BEFORE PROCEEDING WITH THE NEW WORK. HE/SHE SHALL EXCAVATE TO VERIFY PERTINENT DRAINAGE INVERTS AND POTENTIAL UTILITY CONFLICTS. ANY DISCREPANCIES SHALL BE REPORTED TO THE OWNER IMMEDIATELY.
- 5.) ALL EXISTING STRUCTURES AND SURFACES, UNLESS OTHERWISE SHOWN, SHALL BE COMPLETELY REMOVED FROM THE AREAS OF WORK. ALL TREES SCHEDULED FOR REMOVAL SHALL BE FIELD MARKED AND APPROVED FOR REMOVAL BY THE CONSERVATION COMMISSION PRIOR TO CUTTING OPERATIONS.
- 6.) THE CONTRACTOR IS RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF THE PUBLIC, EMPLOYEES, AND ALL OTHER PERSONS ASSOCIATED WITH THE PROJECT. HE/SHE SHALL COORDINATE AND BE RESPONSIBLE FOR ALL SAFETY SIGNING, BARRIERS AND TEMPORARY PAVEMENT MARKINGS NECESSARY TO PROVIDE A SMOOTH AND PROPER TRANSITION FOR TRAFFIC FLOW.
- 7.) THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES BY CONTACTING "DIG-SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION. DIG-SAFE TELEPHONE NUMBER: 1-888-344-7233.
- 8.) 14 DAYS PRIOR TO COMMENCING CONSTRUCTION, THE OWNER/DEVELOPER SHALL PRESENT A CONSTRUCTION SCHEDULE TO THE PLANNING DEPARTMENT.
- 9.) THE OWNER/DEVELOPER SHALL SUBMIT TWO HARD COPIES OF AS-BUILT DRAWINGS TO THE PLANNING BOARD UPON COMPLETION OF THE PROJECT. AS-BUILTS SHALL INCLUDE ALL LANDBASE AND UTILITIES INFORMATION.
- 10.) ONSITE BURIAL OF STUMPS OR ANY OTHER DEBRIS IS PROHIBITED.
- 11.) THE PROPERTY IS LOCATED WITHIN THE 100-YEAR FLOOD PLAIN ACCORDING TO F.I.R.M. COMMUNITY PANEL NUMBER 25009C 0129F.
- 12.) ELEVATIONS ARE BASED ON NAVD 1988 DATUM.

LEGEND

—W—	EXISTING WATER MAIN	⊗	PROPOSED FIRE HYDRANT
—S—	EXISTING SEWER MAIN	⊙	PROPOSED WATER SHUTOFF
—W—	PROPOSED WATER LINE	⊖	PROPOSED GATE VALVE
—S—	PROPOSED SEWER MAIN		
—SS—	PROPOSED SEWER SERVICE		
—G—	PROPOSED GAS MAIN		
—UE—	PROPOSED UNDERGROUND ELEC.		
⊙	EXISTING SEWER MANHOLE		
⊖	PROPOSED SEWER MANHOLE		
⊖	PROPOSED SEWER SERVICE		



PREPARED FOR
ABCAP PROPERTIES, LLC.
PO BOX 5514
SALISBURY, MA 01952

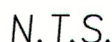
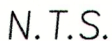
NO.	DATE	ADDRESS TOWN'S COMMENTS DESCRIPTION	C.M.Y. BY
1	11/8/21		

MEI **MILLENNIUM ENGINEERING, INC.**
ENGINEERING AND LAND SURVEYING
62 ELM ST. SALISBURY, MA 01952 (978) 463-8980
13 HAMPTON RD. EXETER, NH 03833 (603) 778-0528

SCALE: 1"=10'	DESG. BY: C.M.Y.	PROJECT: M213975
DATE: SEPT. 22, 2021	CHKD. BY: E.W.B.	

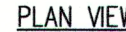
PLAN OF LAND
IN
SALISBURY, MA
SHOWING
FLYING HORSES CAROUSEL
AT
7 BROADWAY

SITE PLAN
SHEET: C-2



1. TO INSTALL SILTSACK IN THE CATCH BASIN, REMOVE THE GRATE AND PLACE THE SACK IN THE OPENING. HOLD APPROXIMATELY SIX INCHES OF THE SACK OUTSIDE THE FRAME. THIS IS THE AREA OF THE LIFTING STRAPS. REPLACE THE GRATE TO HOLD THE SACK IN PLACE.
2. WHEN THE RESTRAINT CORD IS NO LONGER VISIBLE, SILTSACK IS FULL AND SHOULD BE EMPTIED.
3. TO REMOVE SILTSACK FROM THE CATCH BASIN, GRAB THE LIFT STRAPS AND PLACE THROUGH THE LIFTING LOOPS ON EACH SIDE OF THE SACK TO FACILITATE THE LIFTING OF SILTSACK.
4. TO EMPTY SILTSACK, PLACE UNIT WHERE THE CONTENTS WILL BE COLLECTED. PLACE THE REBAR THROUGH THE LIFT STRAPS (CONNECTED TO THE BOTTOM OF THE SACK) AND LIFT. THIS WILL LIFT SILTSACK FROM THE BOTTOM AND EMPTY THE CONTENTS. CLEAN OUT AND RINSE. RETURN SILTSACK TO ITS ORIGINAL POSITION AND PLACE BACK IN THE BASIN.
5. SILTSACK IS REUSABLE. ONCE THE CONSTRUCTION CYCLE IS COMPLETE, REMOVE SILTSACK FROM THE BASIN AND CLEAN. SILTSACK SHOULD BE STORED OUT OF SUNLIGHT UNTIL NEXT USE.

N.T.S.

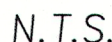


1. STONE SHALL BE 4" CRUSHED STONE OR RECLAIMED STONE.
2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50'.
3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 12".
4. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
5. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
6. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP-DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE MOVED PROMPTLY.
7. WHEELS SHALL BE CLEANED TO REMOVE MUD PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

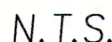
N.T.S.



N.T.S.



N.T.S.



N.T.S.

- 1) ALL STUMPS, ROCKS AND LEDGE WITHIN THE LIMITS OF THE PROPOSED PAVED WAY SHALL BE REMOVED. ALL LEDGE SHALL BE REMOVED TO A MINIMUM DEPTH OF 2' BELOW FINISHED PAVEMENT GRADE.
- 2) PAVEMENT SHALL NOT BE CONSTRUCTED DURING FREEZING WEATHER OR ON WET OR FROZEN SUBGRADE.
- 3) GRADING AND ROLLING SHALL BE REQUIRED TO PROVIDE A SMOOTH, EVEN, AND UNIFORM COMPACTED BASE WHICH IS COMPACTED TO A MINIMUM DRY DENSITY OF 95 PERCENT.
- 4) ALL UNSUITABLE MATERIAL SHALL BE EXCAVATED AND REPLACED WITH SATISFACTORY MATERIAL AND BROUGHT UP TO GRADE WITH GRAVEL BORROW CONTAINING NO STONES GREATER THAN 6" DIAMETER.
- 5) AT ALL TIMES DURING CONSTRUCTION, THE SUB-GRADE AND ALL DITCHES SHALL BE CONSTRUCTED AND MAINTAINED SO THAT THE TRAFFIC EFFECTIVELY IS DIVERTED.
- 6) THE CONTRACTOR SHALL REFER TO THE SALISBURY PLANNING BOARD RULES AND REGULATIONS GOVERNING THE SUBDIVISION OF LAND, SECTIONS J - VI.

SCALE: 1"=10'
DATE: SEPT. 22, 2021

SHOWING

SITE DETAILS

SHEET: C-3

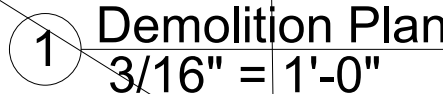
Progress Set
7 Broadway, Salisbury, MA

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Project: 704.2
 Drawn by: SK
 Check by: MN
 Date: 11/2/21
 Scale: As indicated

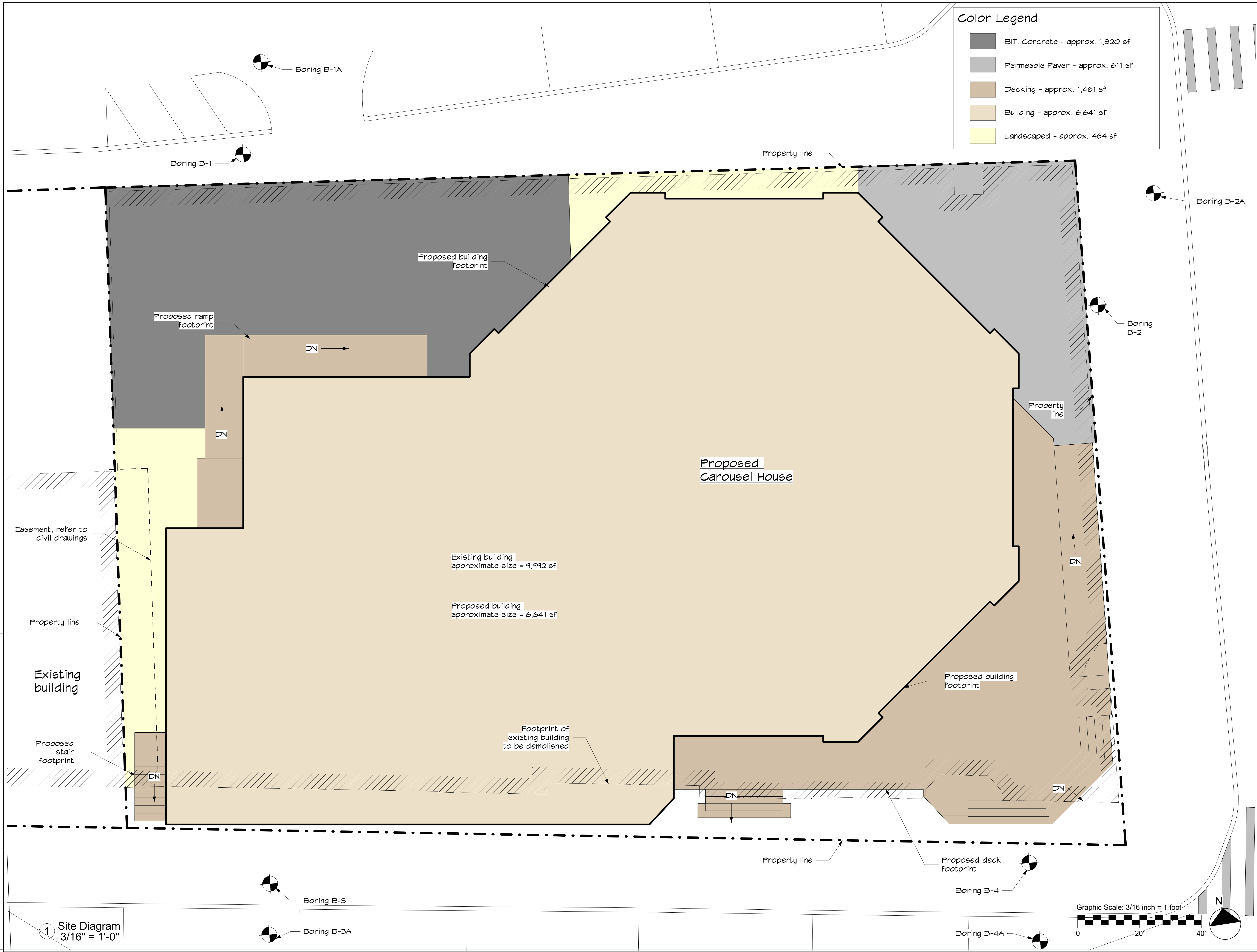
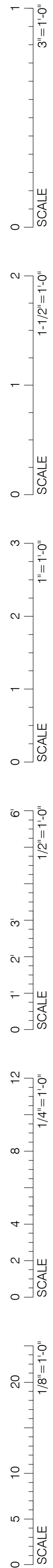
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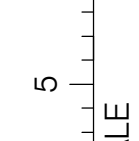


IF THIS SHEET IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT - SCALE ACCORDINGLY

F:\01-750704 Salisbury Flying Horses Carousel\01-2 Salisbury Carousel House\01-2 Drawings and Specifications\01-2 Working Set\01-2 Flying Horses Carousel\7 Sheet\01-2.rvt

IF THIS SHEET IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT - SCALE ACCORDINGLY





Existing
building



A100

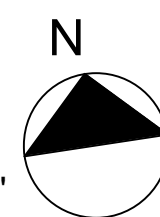
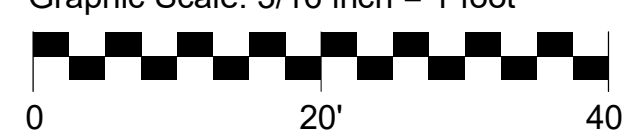
Progress Set
7 Broadway, Salisbury, MA

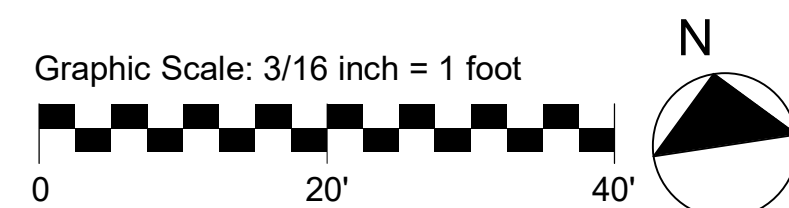
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 Check by: MN
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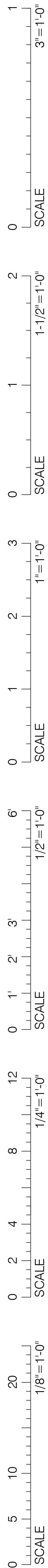
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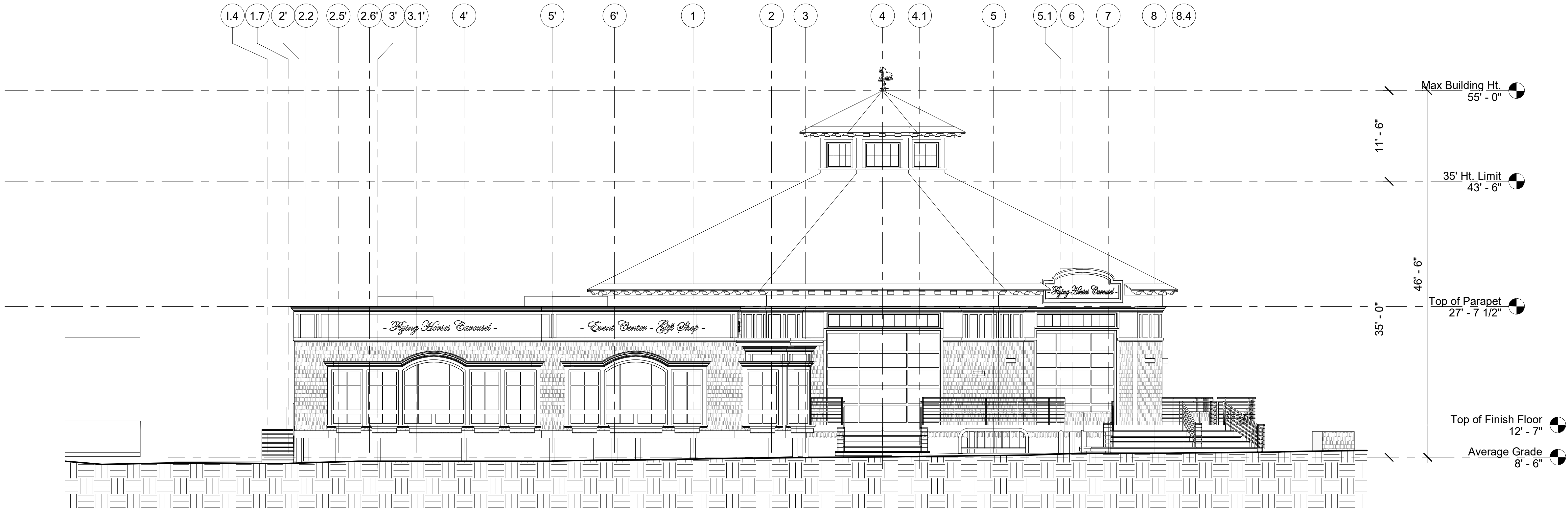


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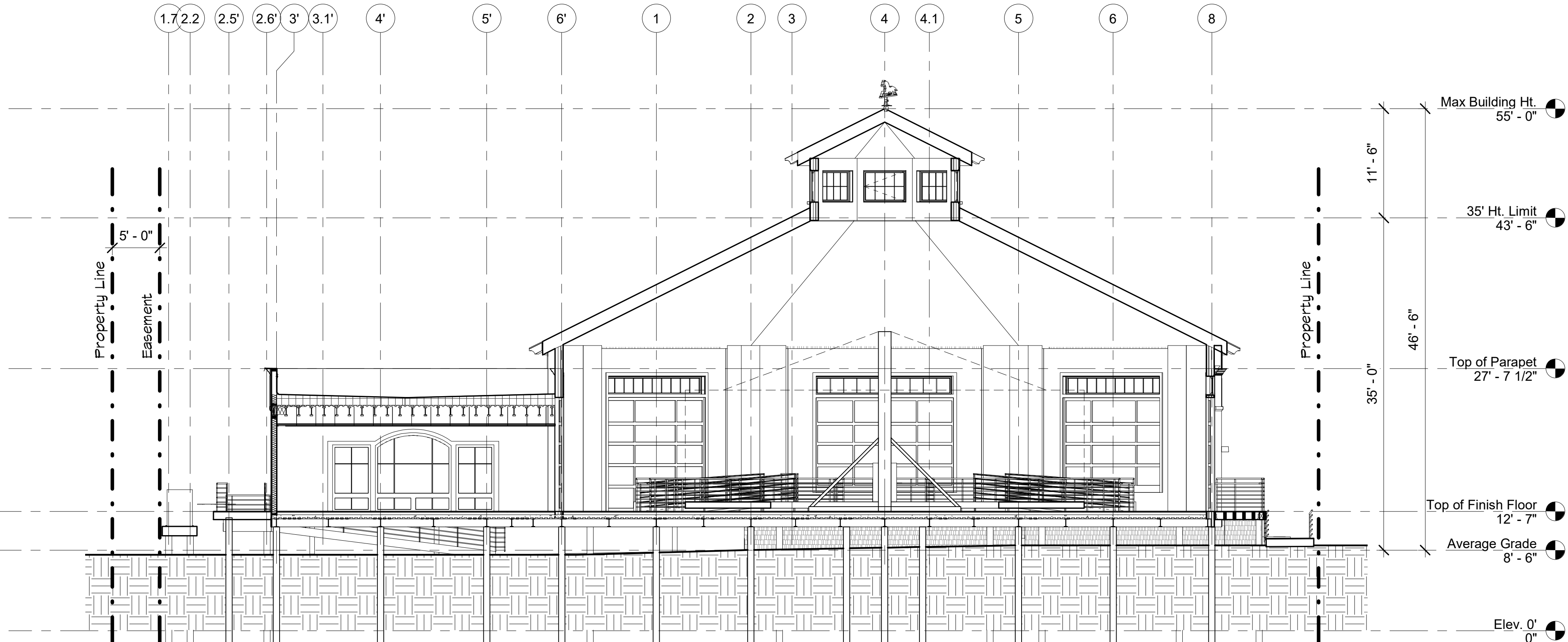
IF THIS SHEET IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT - SCALE ACCORDINGLY



1 South Elevation
1/8" = 1'-0"



2 Building Section
1/8" = 1'-0"



GIENAPP
ARCHITECTS

Begin Here. Finish Well.

20 Conant Street
Danvers, MA 01923
978-750-9062
gienapparchitects.com

Flying Horses Carousel
Progress Set
7 Broadway, Salisbury, MA

Plot Date: 11/2/2021 3:04:30 PM

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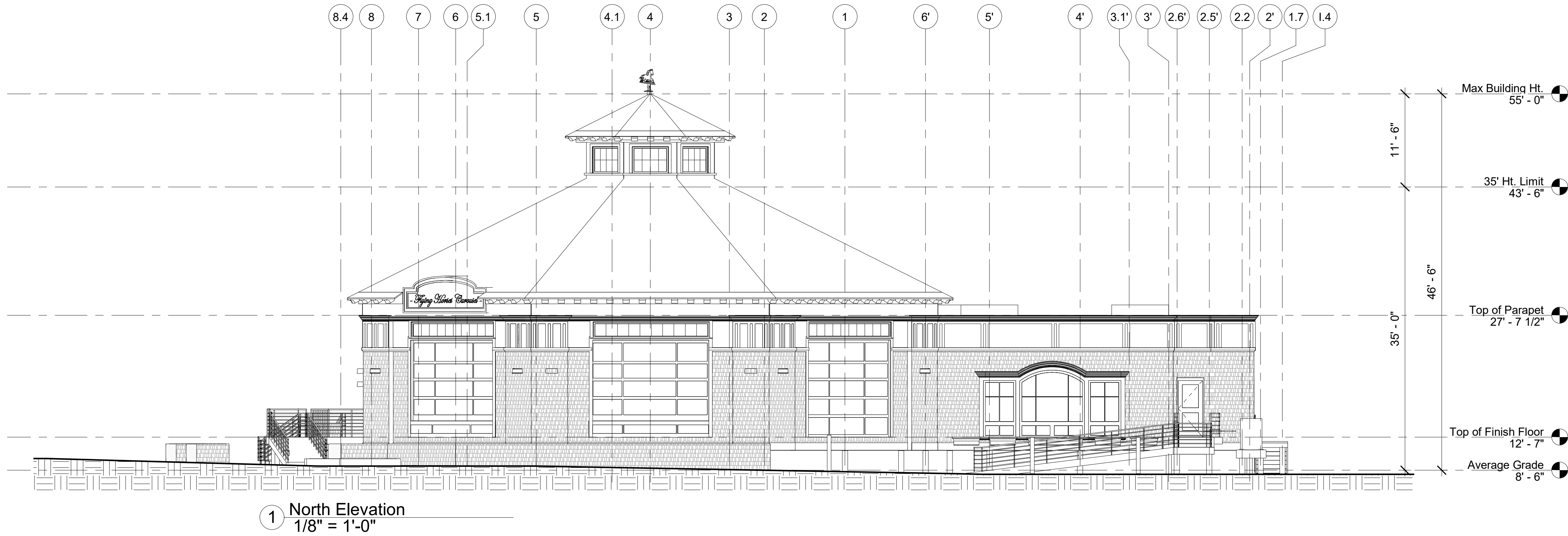
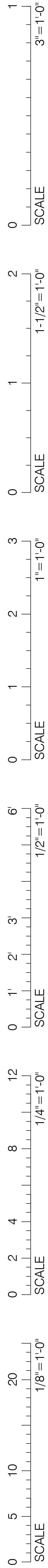
No.	Date	Description
Project:	704.2	
Drawn by:	SK	
Check by:	MN	
Date:	11/2/21	
Scale:	1/8" = 1'-0"	

**South Elevation
& Building
Section**

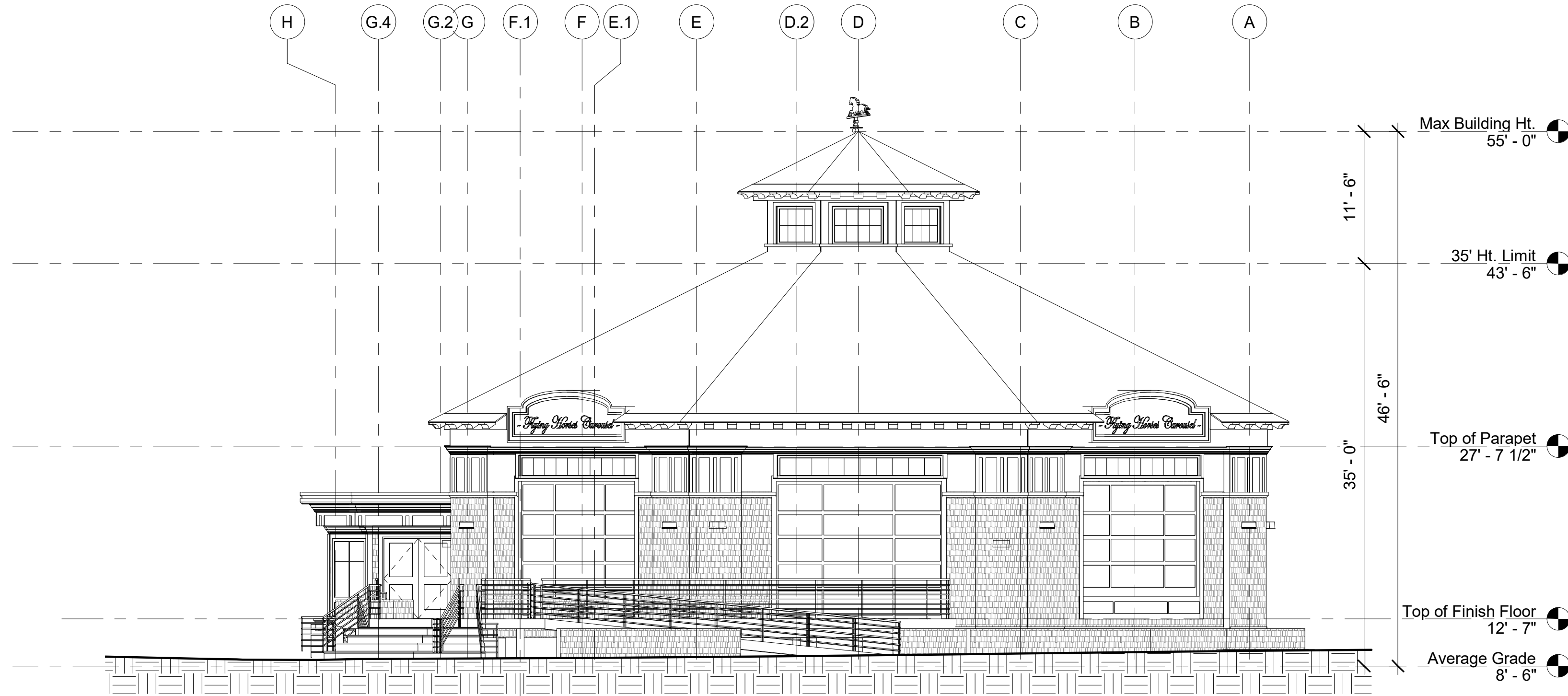
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F:\01-250704 Salisbury Flying Horses Carousel\0104.2 Salisbury Carousel House\04.2 DRAWINGS AND SPECIFICATIONS\04.2 Working Set\04.2 Flying Horses Carousel\7 Broadway 10/2/2021.rvt

IF THIS SHEET IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT - SCALE ACCORDINGLY



1 North Elevation
1/8" = 1'-0"



2 East Elevation
1/8" = 1'-0"

Flying Horses Carousel
Progress Set
7 Broadway, Salisbury, MA

Plot Date: 11/2/2021 3:04:32 PM

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No.	Date	Description

Project: 704.2
Drawn by: SK
Check by: MN
Date: 11/2/21
Scale: 1/8" = 1'-0"

North & East
Elevations

A202

Progress Set
7 Broadway, Salisbury, MA

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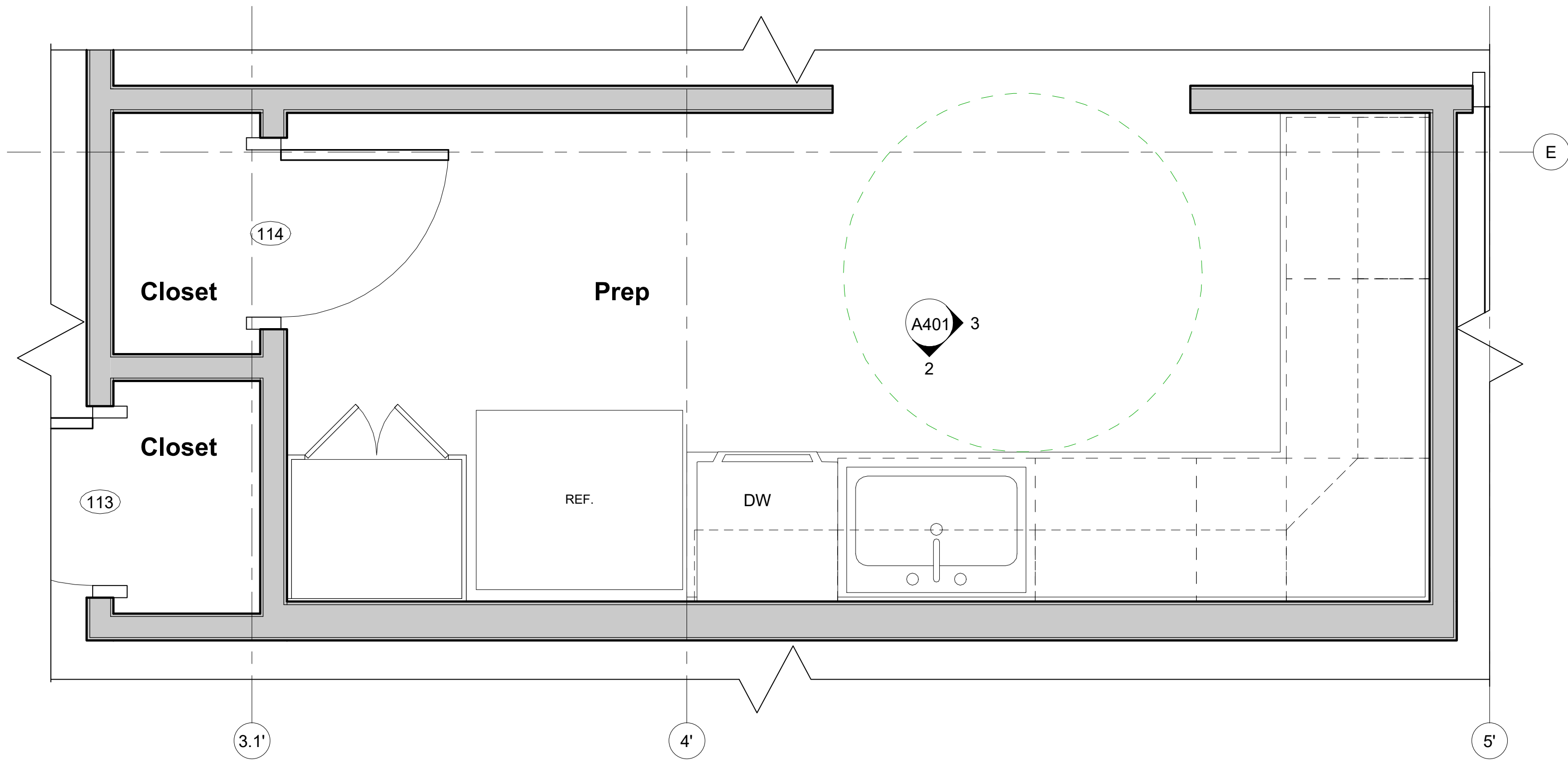
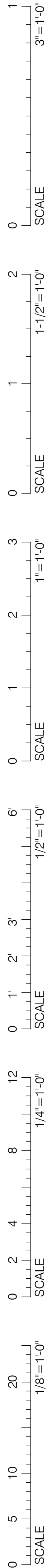
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No.	Date	Description
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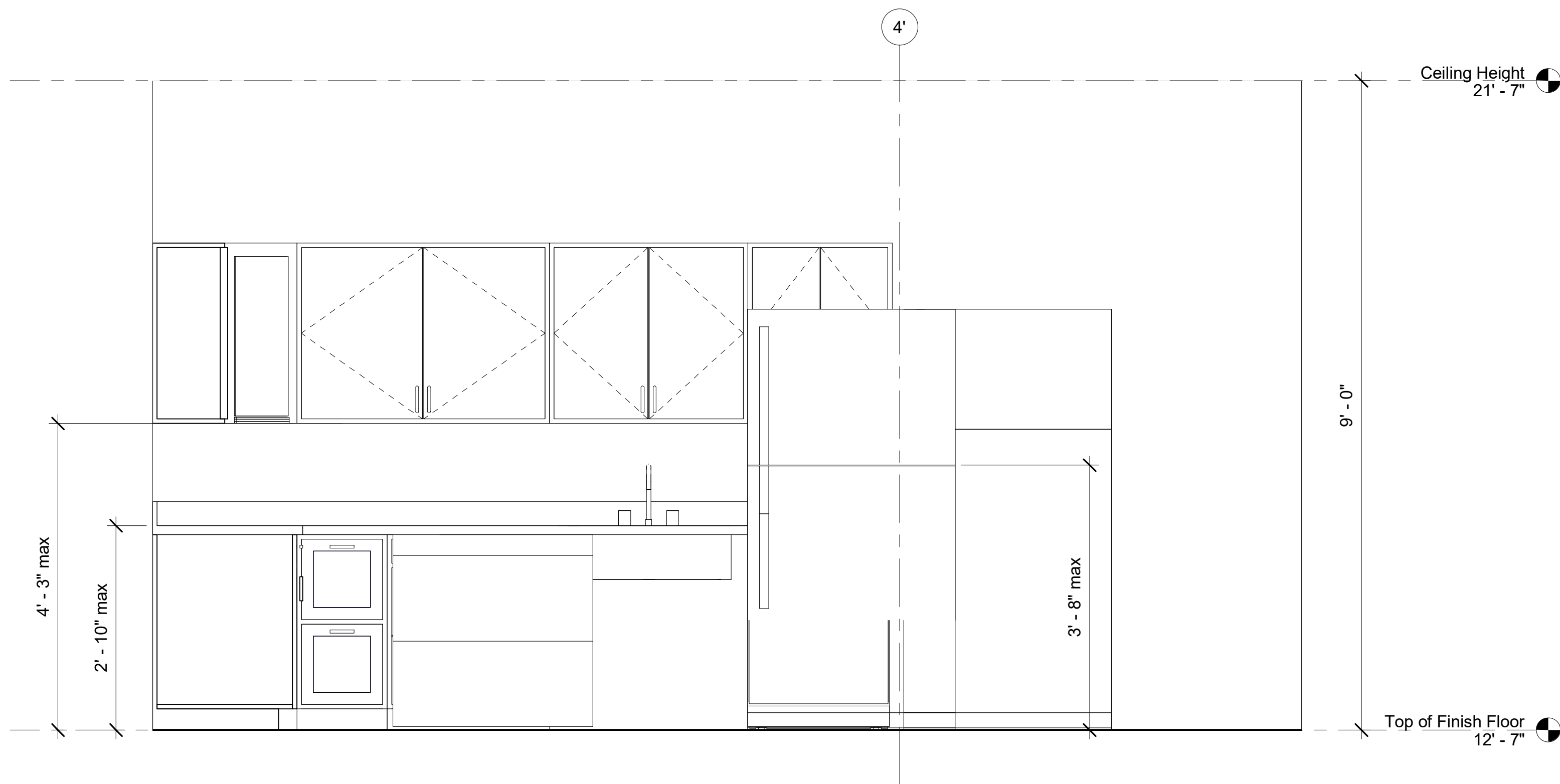
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 Drawn by: SK
 Check by: MN
 Date: 11/2/21
 Scale: $3/4" = 1'-0"$

Interior Elevations

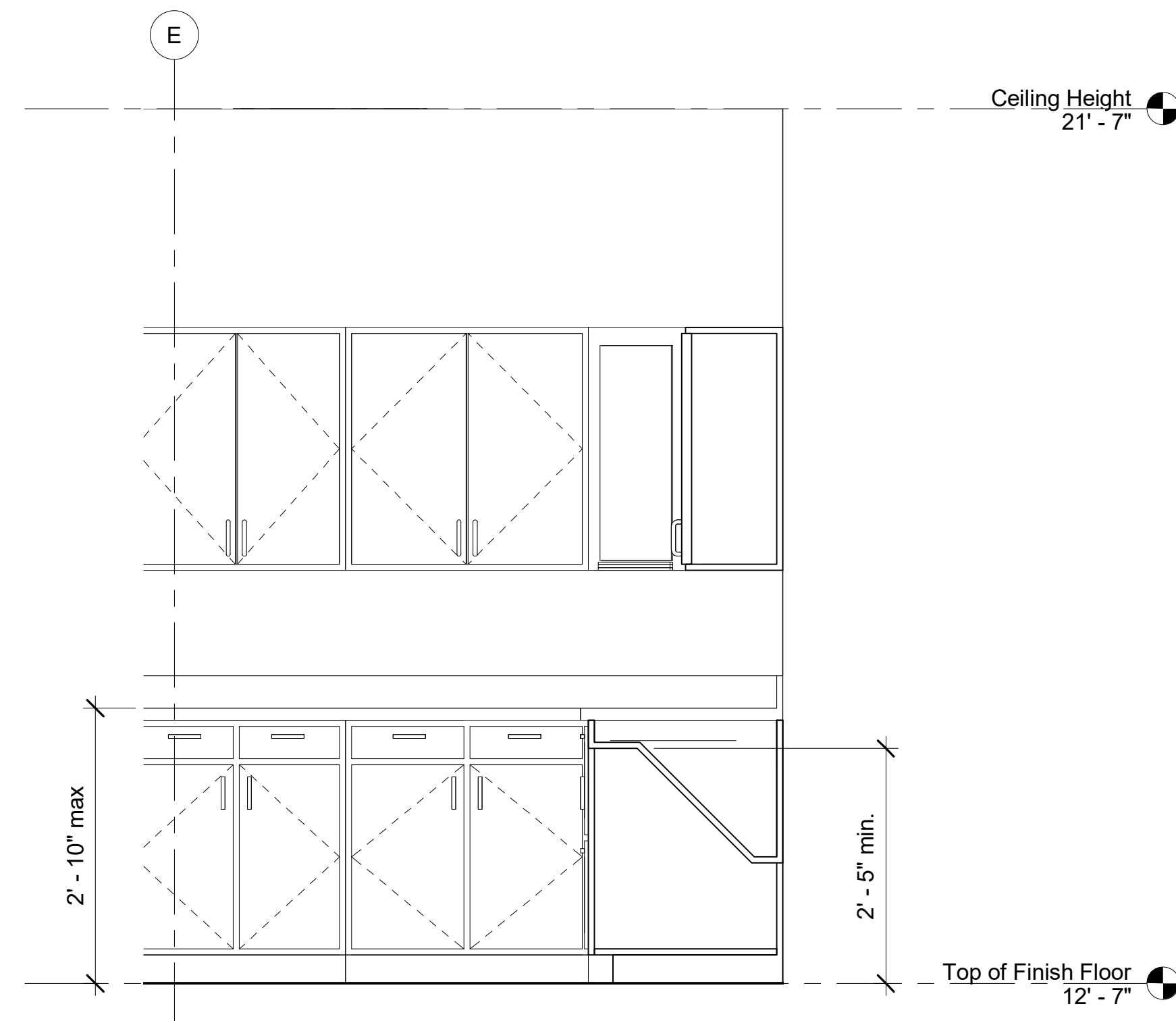
A401



① Prep Detail Plan
3/4" = 1'-0"



② South Interior Elevation of Prep Space
3/4" = 1'-0"

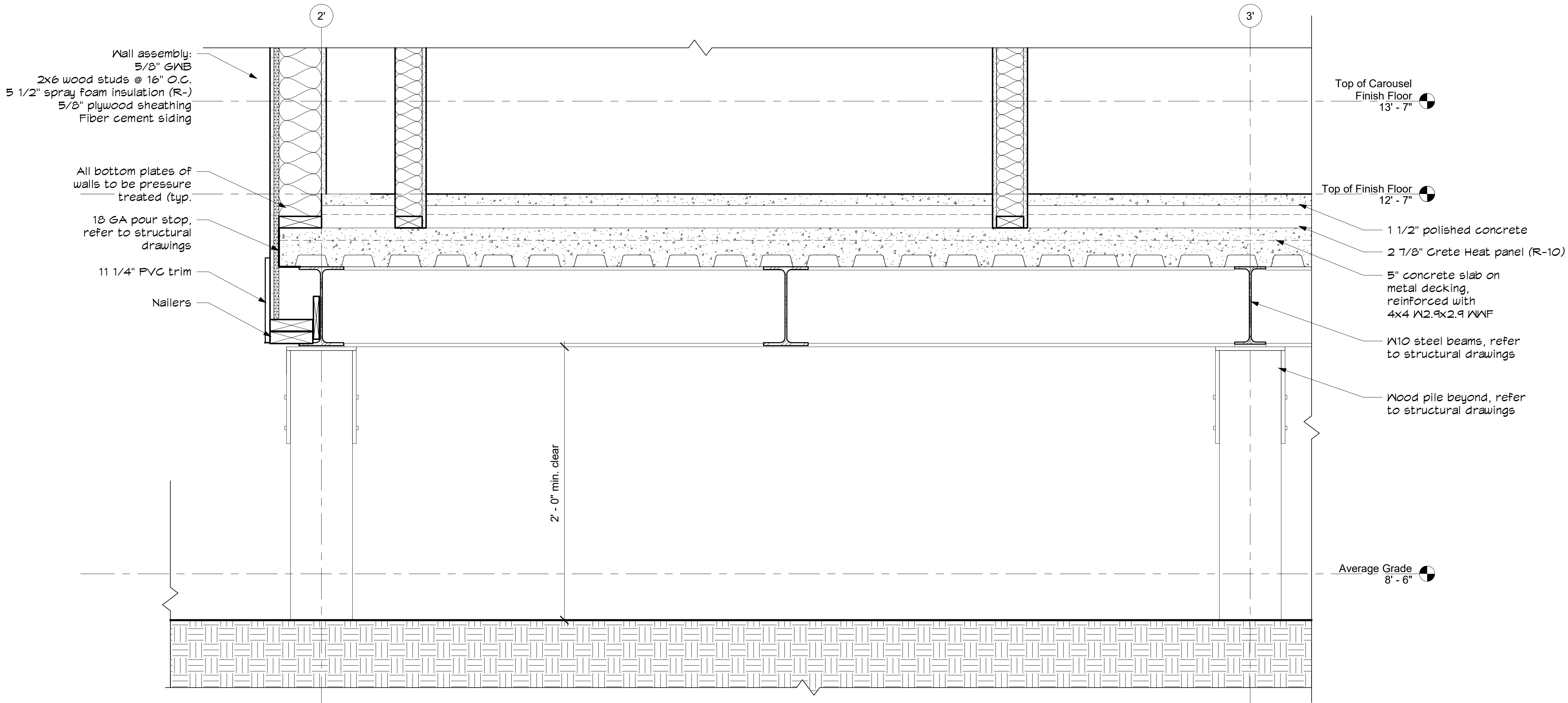


③ East Interior Elevation of Prep Space
3/4" = 1'-0"

② Guardrail Detail at Edge of Deck
1 1/2" = 1'-0"

F:\01-250704 Salisbury Flying Horses Carousel\0104.2 Drawings and Specifications\0104.2 Working Set\0104.2 Flying Horses Carousel\7 Building\1020201.rvt

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1 Wall and Floor Slab Connection Detail
1 1/2" = 1'-0"



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Flying Horses Carousel

Progress Set
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No.	Date	Description
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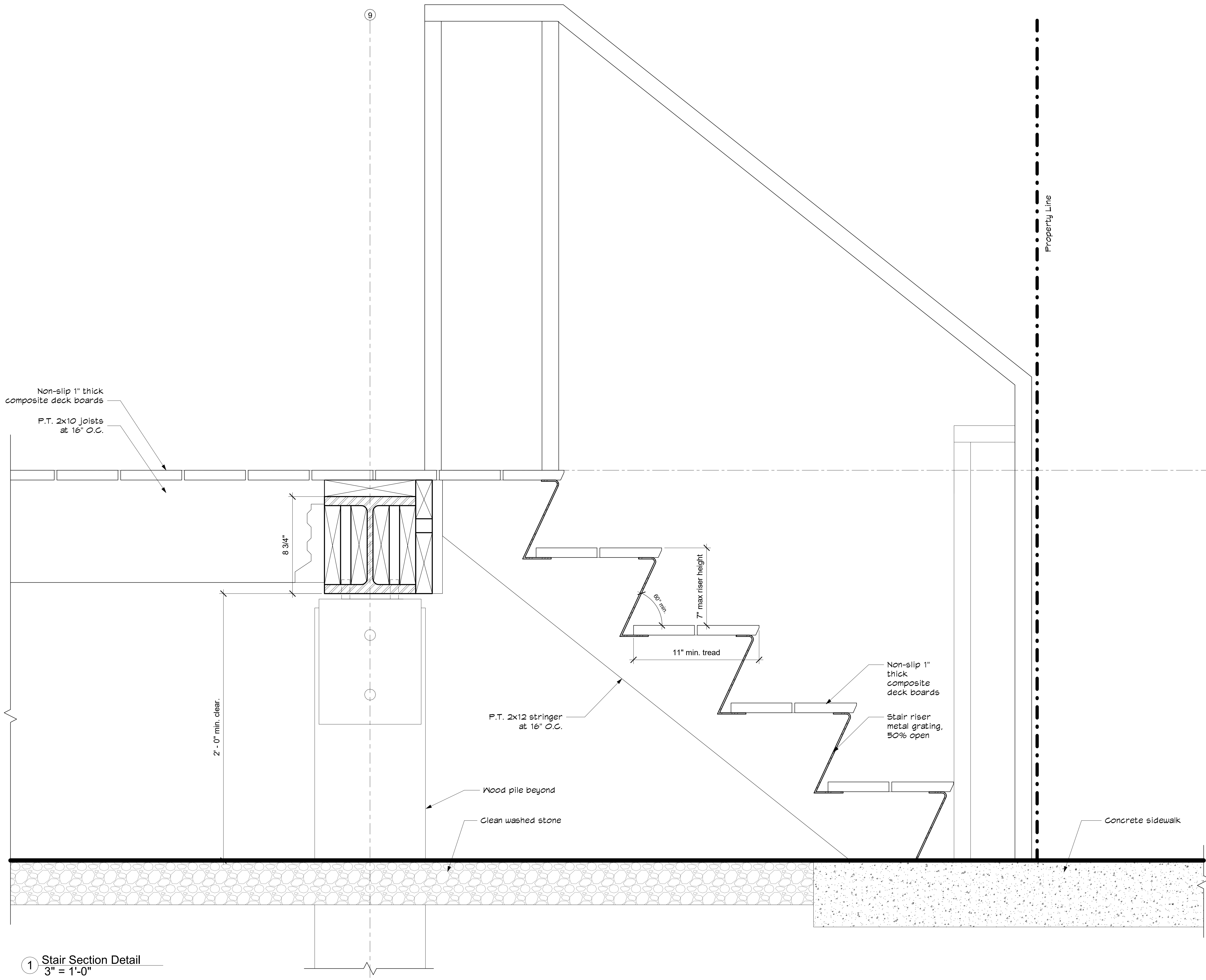
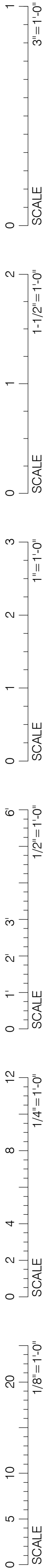
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Drawn by:	SK
Check by:	MN
Date:	11/2/21
Scale:	1 1/2" = 1'-0"

Building Details

A502

F:\01-250704 Salisbury Flying Horses Carousel\04.2 Salisbury Carousel House\04.2 DRAWINGS AND SPECIFICATIONS\04.2 Working Set\04.2 Flying Horses Carousel.dwg 1/2/2021.rvt

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1 Stair Section Detail
3" = 1'-0"



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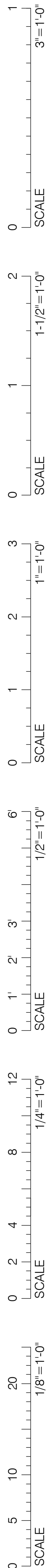
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Date:	11/2/21
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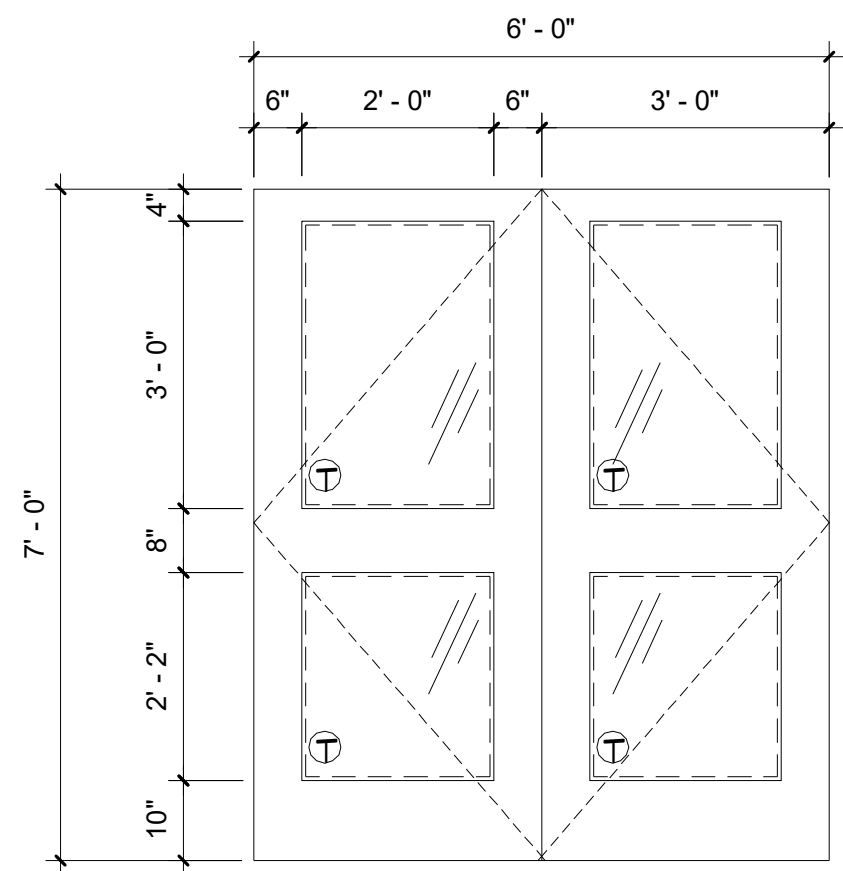
Stair Section
Detail

A504

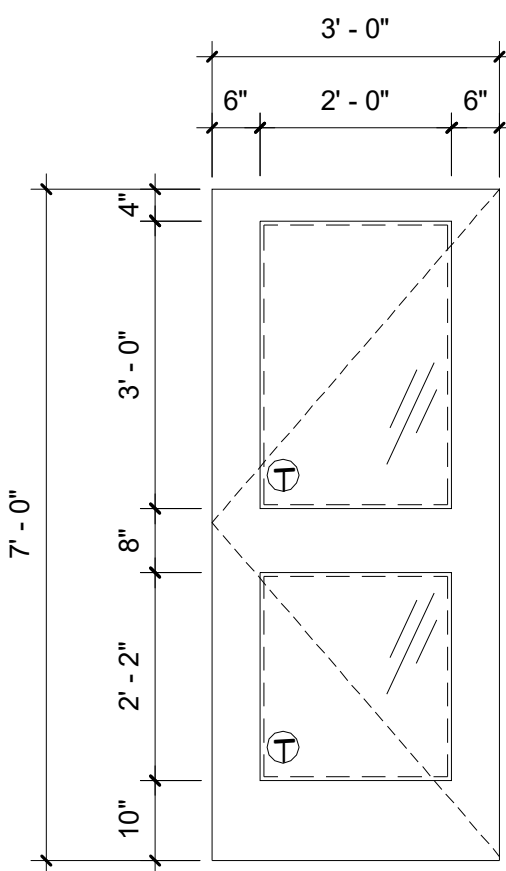
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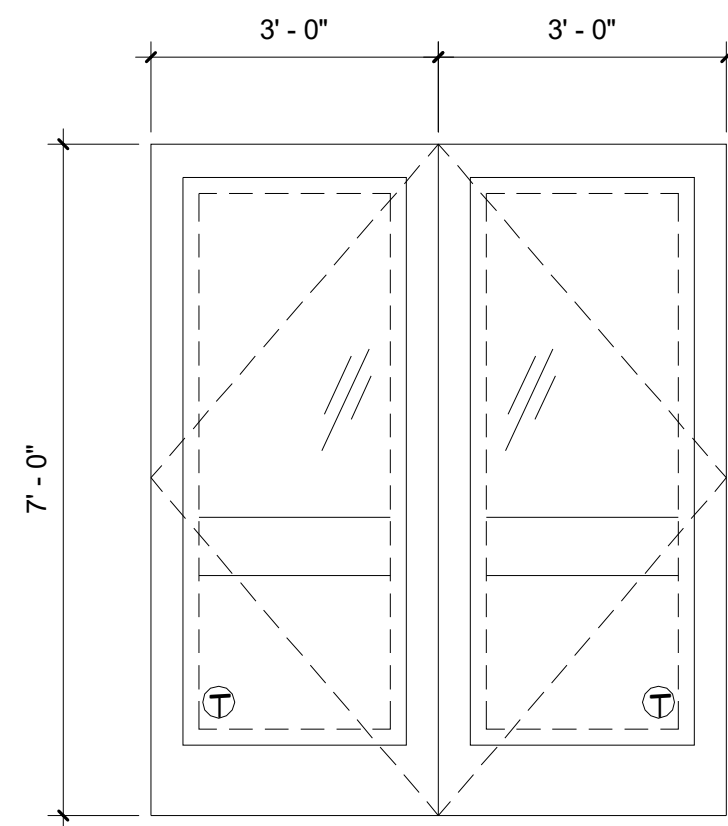
DOOR TYPES



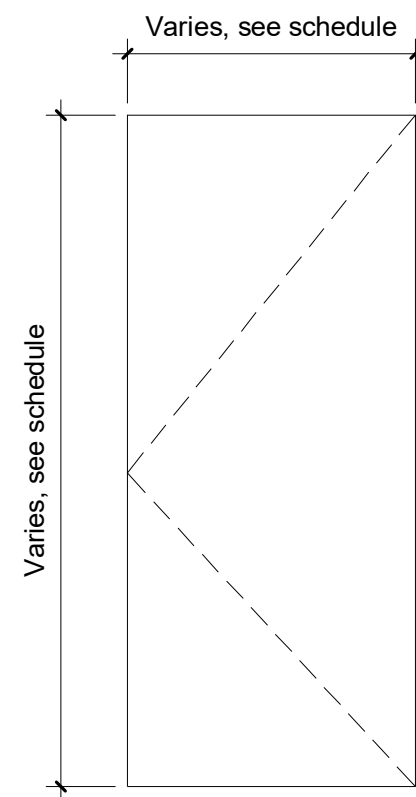
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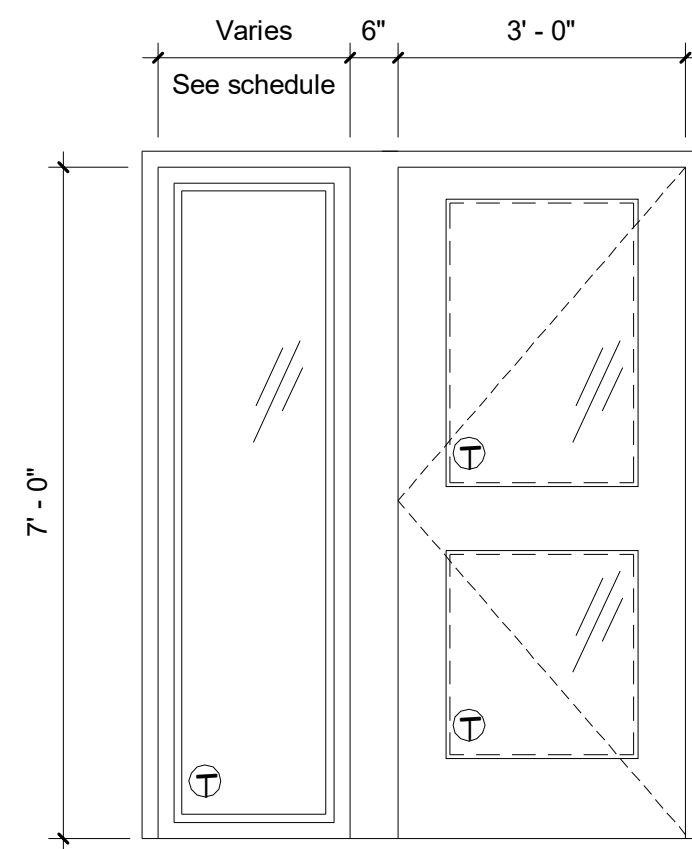
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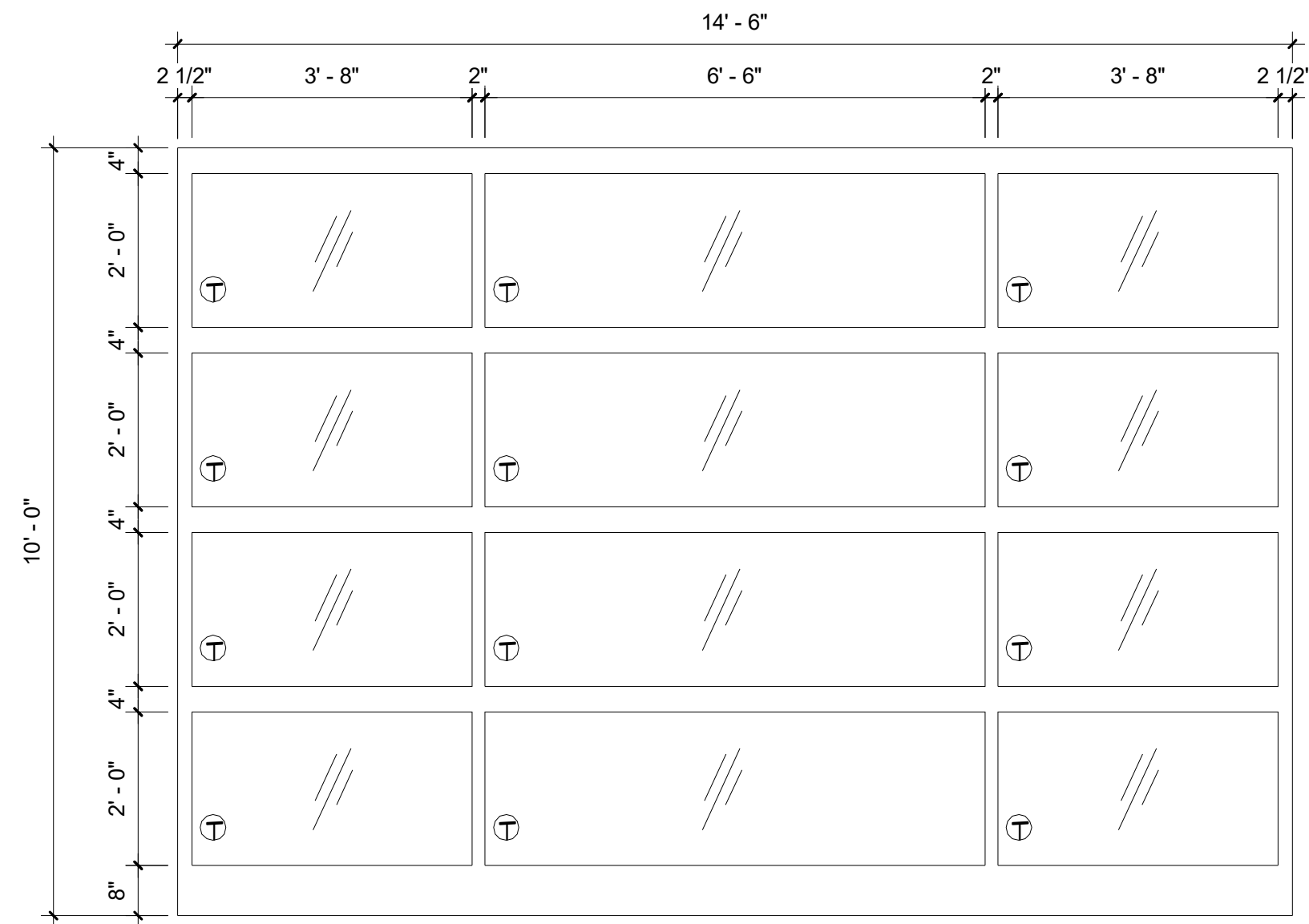
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D

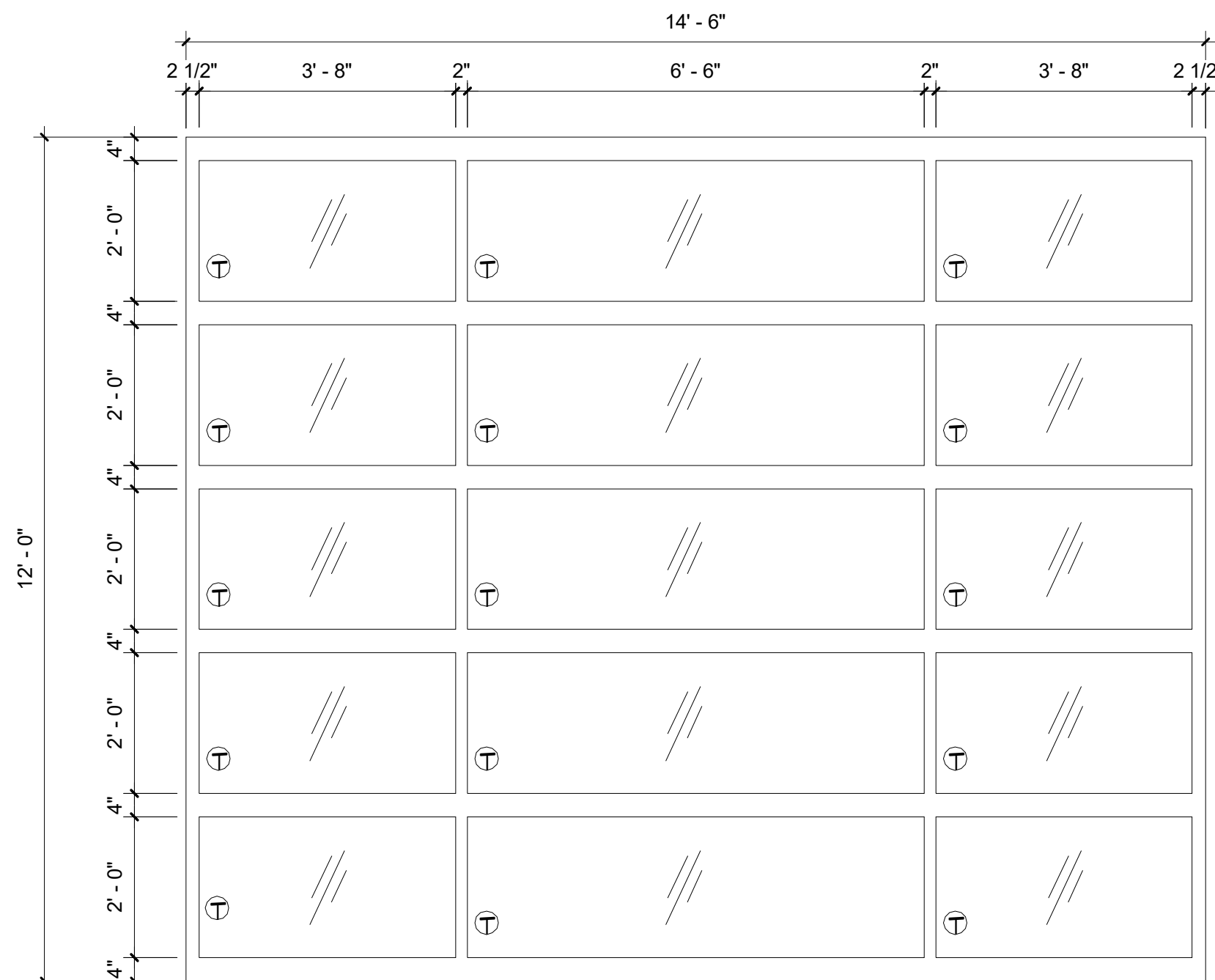


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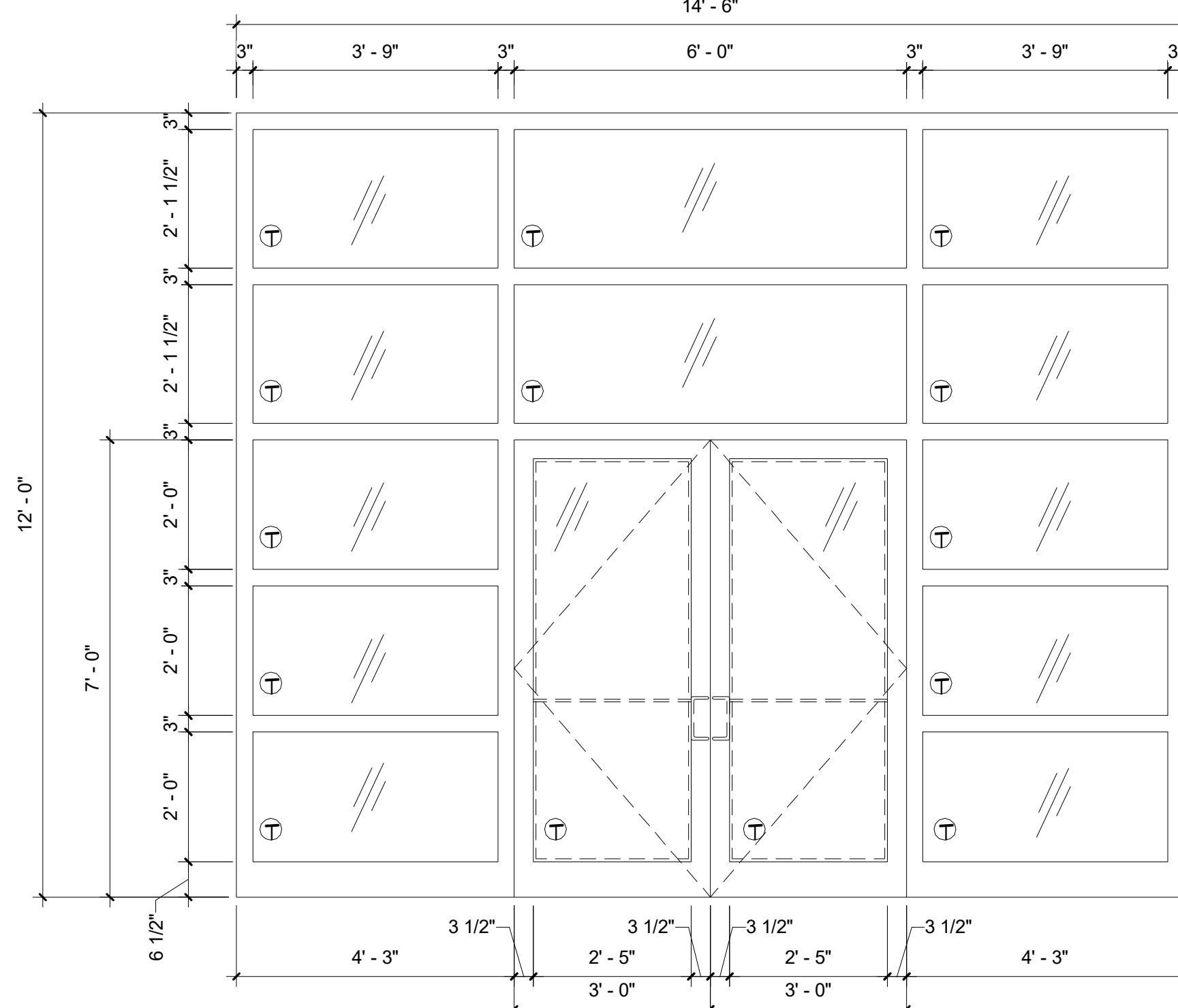
Overhead door

F



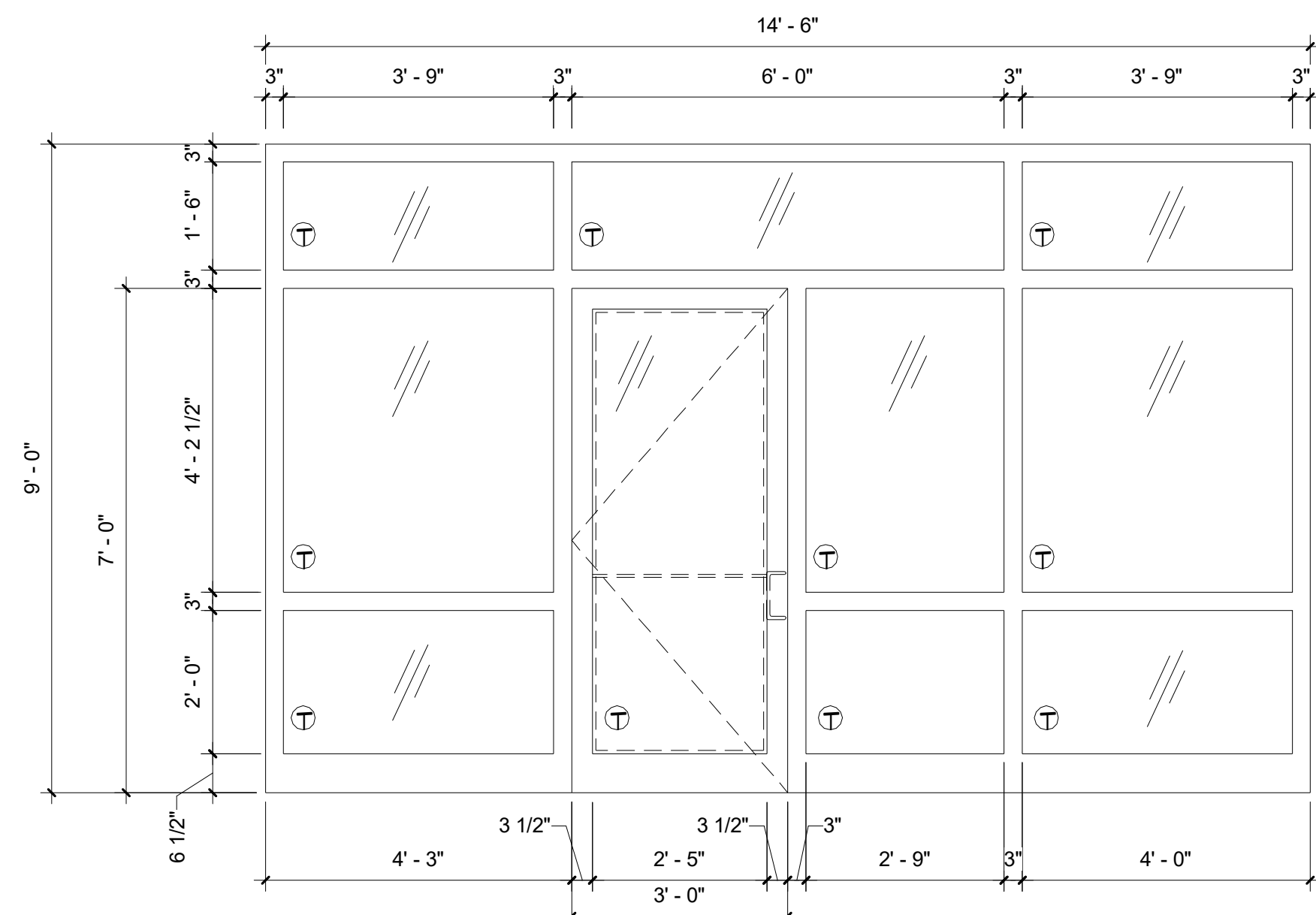
Overhead door

G



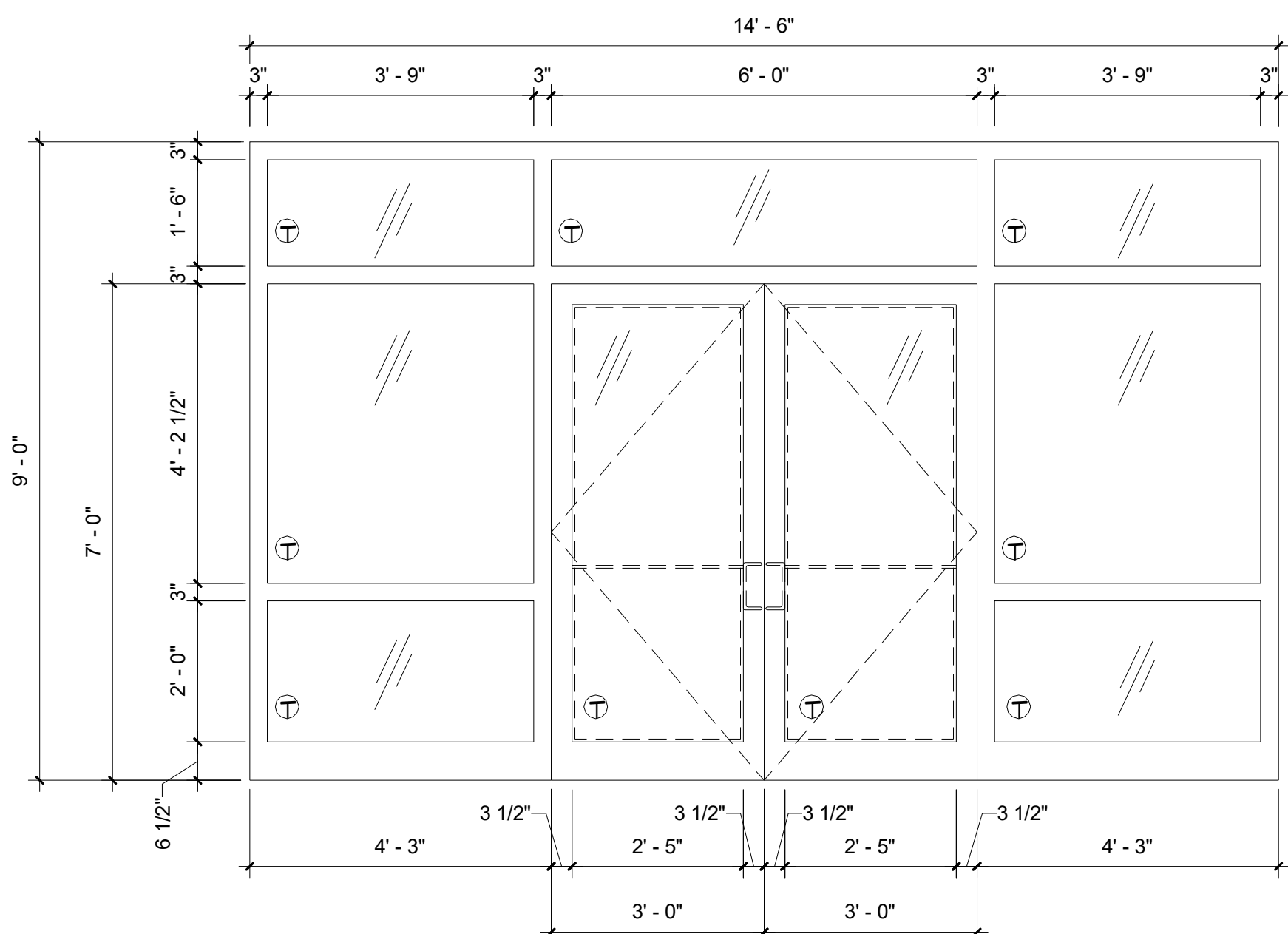
Storefront

H



Storefront

I



Storefront

J

Notes:

- All glazing to be tempered
- Tempered, double glazing, low E on exterior units
- Aluminum storefront frames to be thermally broken

BLK = black powder coat finish

Door Schedule

No.	Door Type	Door Size		Door		Frame Type	Frame		Details			Hardware Set	Notes
		Width	Height	Mat.	Finish		Mat.	Finish	Head	Jamb	Thresh		
101	A	6' - 0"	7' - 0"				ALUM	BLK				Panic	Pair of outswing
102	E	3' - 0"	7' - 0"				ALUM	BLK				Panic	1'-4 1/2" sidelight, outswing
103	E	3' - 0"	7' - 0"				ALUM	BLK				Panic	1'-7 1/2" sidelight, outswing
104	C	6' - 0"	7' - 0"				ALUM	BLK				Panic	Pair of outswing
105	D	3' - 0"	7' - 0"	STL	PTD		HM	PTD				Panic	Knock-down, outswing
106	D	3' - 0"	7' - 0"	STL	PTD		HM	PTD				Panic	Knock-down, outswing
107	D	3' - 0"	7' - 0"	STL	PTD		HM	PTD				Panic	Knock-down, outswing
108	D	3' - 0"	7' - 0"	STL	PTD		HM	PTD				Panic	Knock-down, outswing
109	B	3' - 0"	7' - 0"				ALUM	BLK				Panic	Outswing
110	D	3' - 0"	7' - 0"	STL	PTD		HM	PTD				Panic	Knock-down, outswing
111	D	3' - 0"	7' - 0"	STL	PTD		HM	PTD				Panic	Knock-down
112	D	3' - 0"	7' - 0"	STL	PTD		HM	PTD				Panic	Knock-down
113	D	2' - 4"	6' - 8"										
114	D	2' - 4"	6' - 8"										
115	D	3' - 0"	7' - 0"										
116	B	3' - 0"	7' - 0"				ALUM	BLK				Panic	Outswing
117	D	3' - 0"	7' - 0"										
118	J	14' - 6"	9' - 0"	ALUM			ALUM	BLK				Panic	Storefront, outswing
119	I	14' - 6"	9' - 0"	ALUM			ALUM	BLK				Panic	Storefront, outswing
120	G	14' - 6"	12' - 0"	ALUM			ALUM	BLK				Panic	Glazed overhead door
121	F	14' - 6"	10' - 0"	ALUM			ALUM	BLK				Panic	Glazed overhead door
122	F	14' - 6"	10' - 0"	ALUM			ALUM	BLK				Panic	Glazed overhead door
123	H	14' - 6"	12' - 0"	ALUM			ALUM	BLK				Panic	Storefront, pair of outswing
124	G	14' - 6"	12' - 0"	ALUM			ALUM	BLK				Panic	Glazed overhead door
125	G	14' - 6"	12' - 0"	ALUM			ALUM	BLK				Panic	Glazed overhead door



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No. Date Description

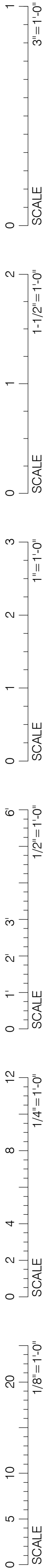
Project: 704.2
Drawn by: SK
Check by: MN
Date: 11/2/21
Scale: 1/2" = 1'-0"

Door Schedule
& Types

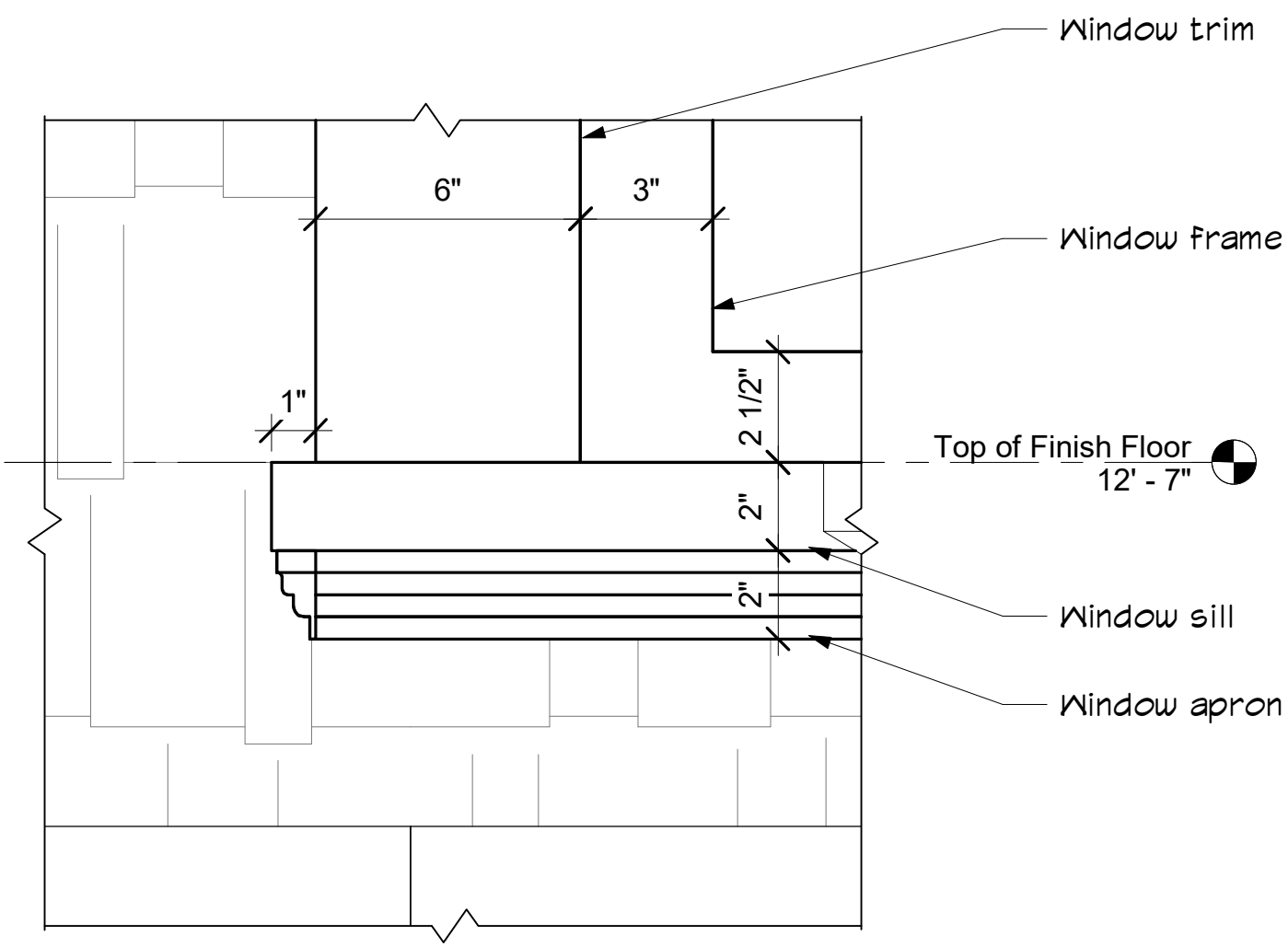
A601

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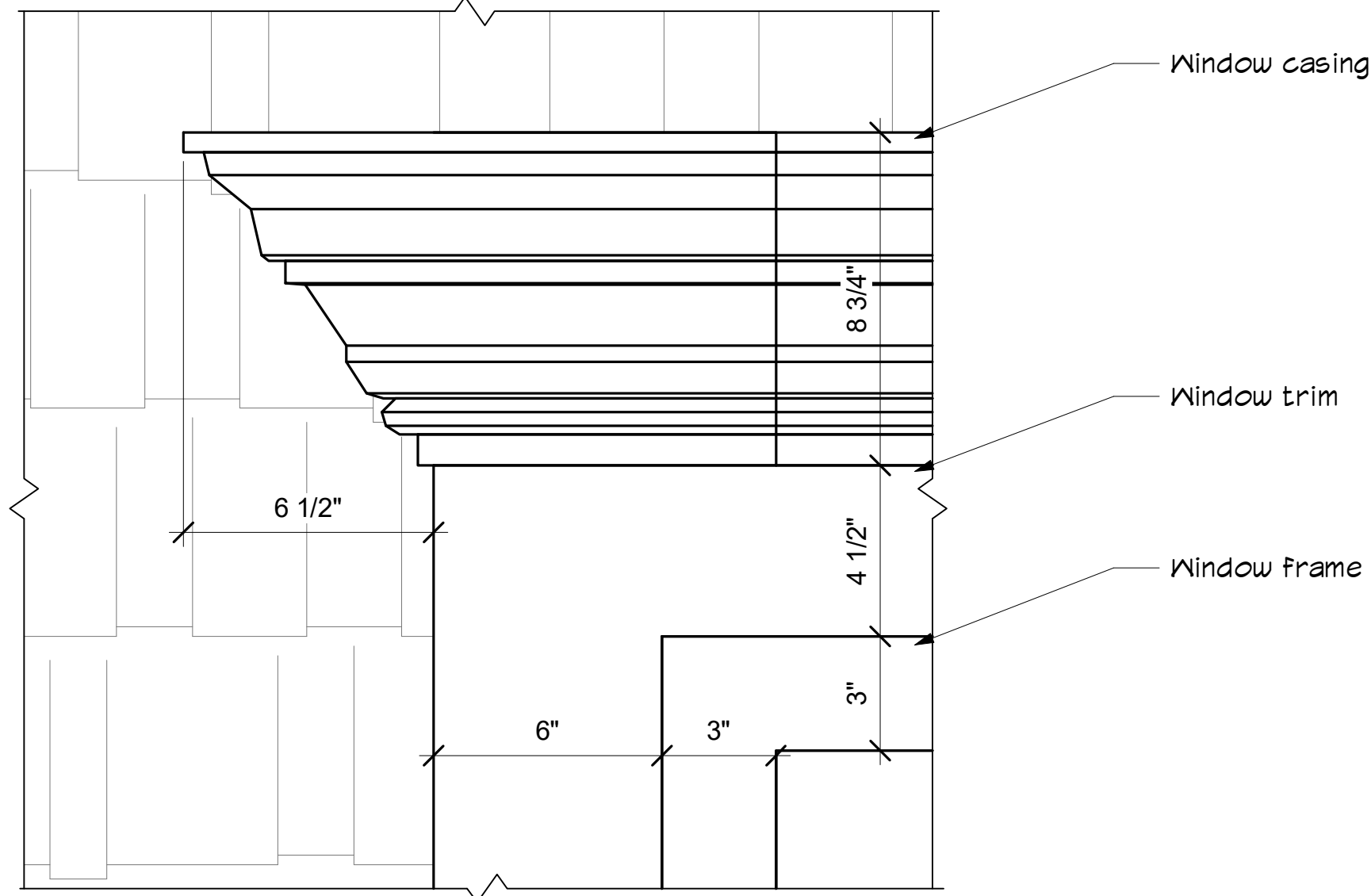
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Window Schedule						
Mark	Quantities	Width	Height	Head Height	Type	Comments
A	8	4' - 6"	3' - 4"	5' - 3"	Motorized awning	
B	6	14' - 5"	2' - 0"	14' - 3"	Transom	
C	12	4' - 0"	7' - 0"	8' - 11"	Top sash fixed, bottom sash awning	
D	3	8' - 0"	8' - 3 1/2"	10' - 2 1/2"	Fixed	

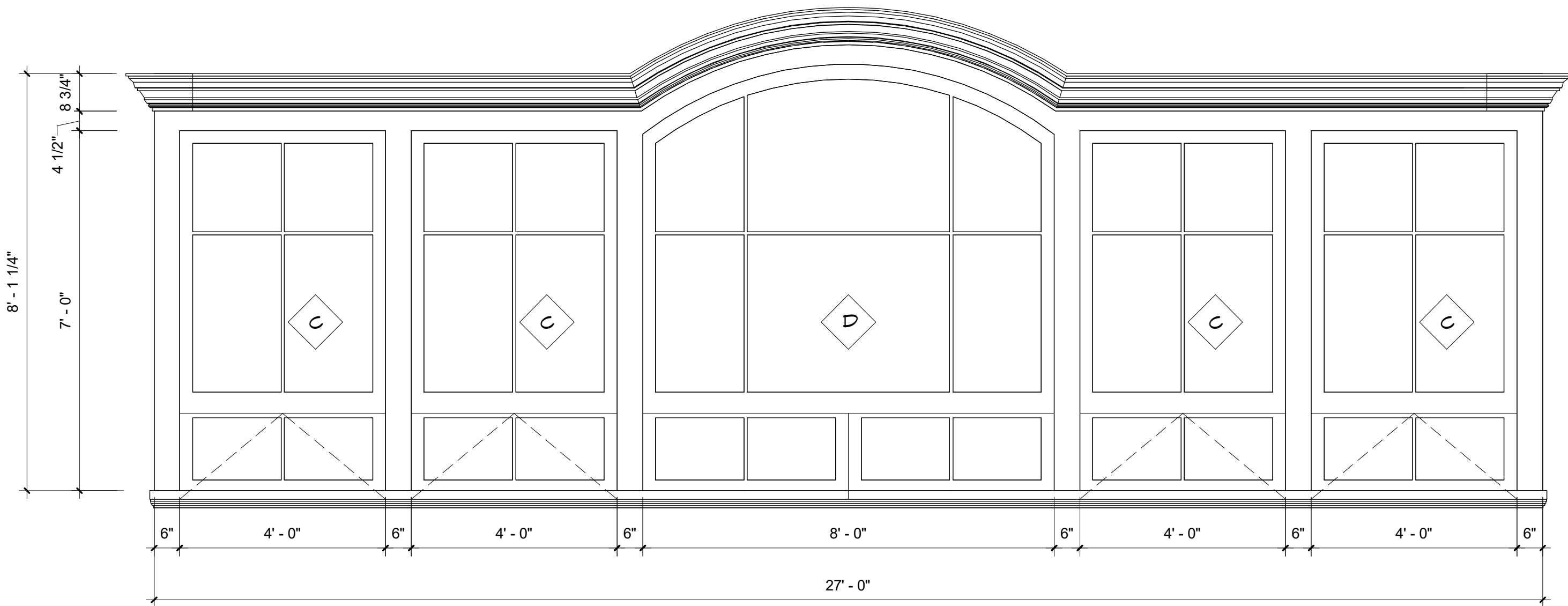
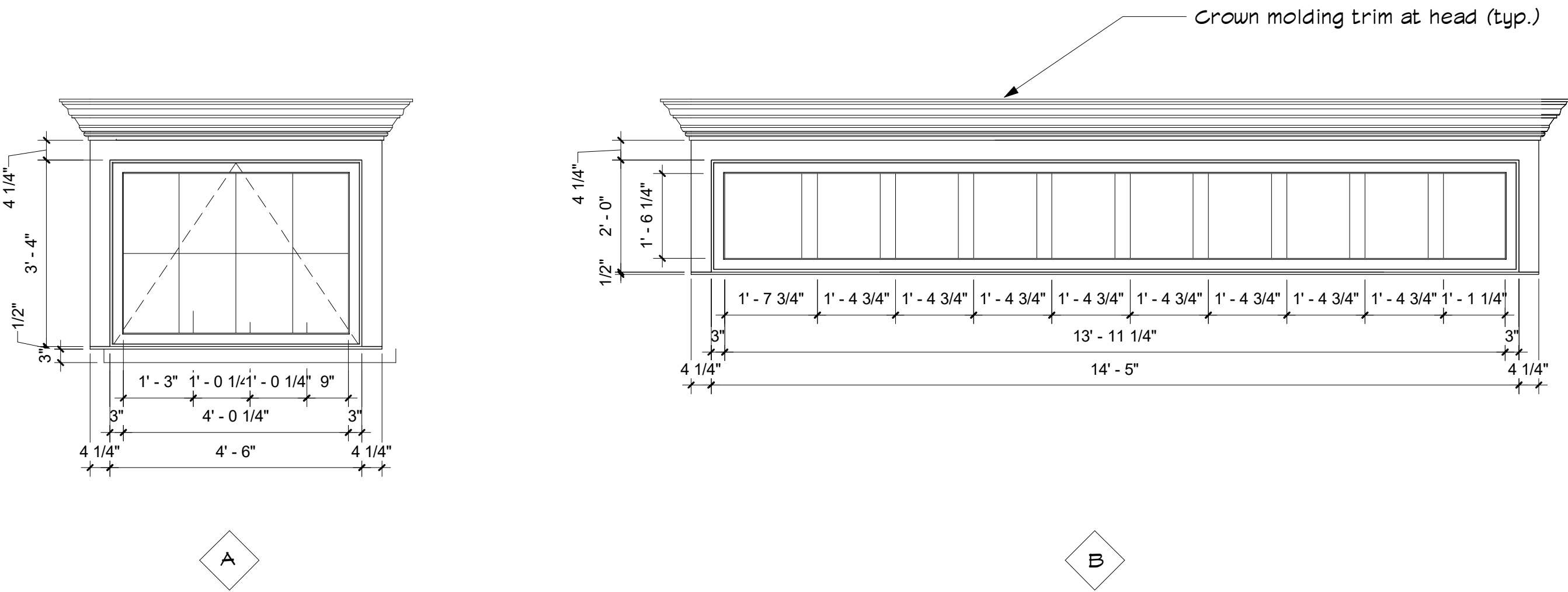


1 Window C/D Sill Elevation Detail
3" = 1'-0"

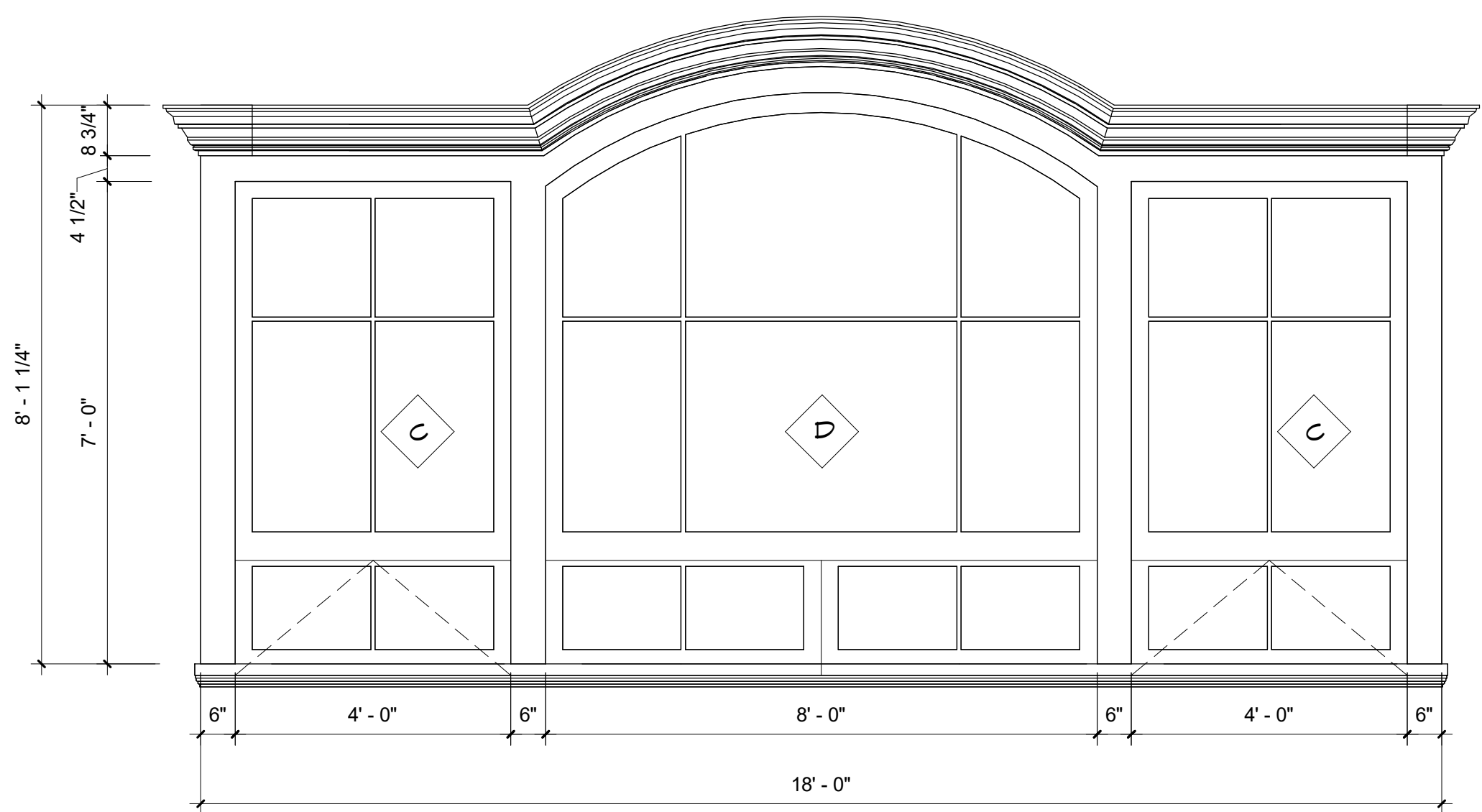


2 Window Head Elevation Detail
3" = 1'-0"

WINDOW TYPES

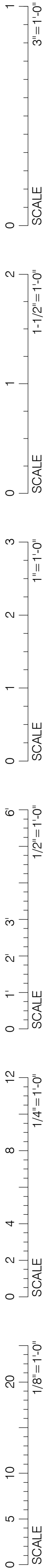


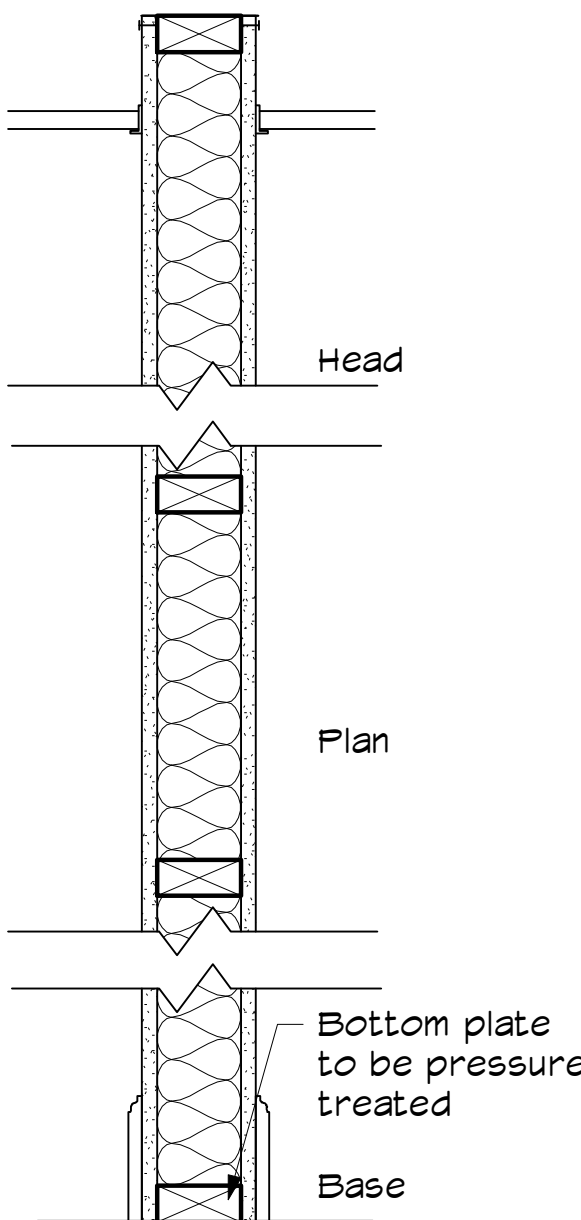
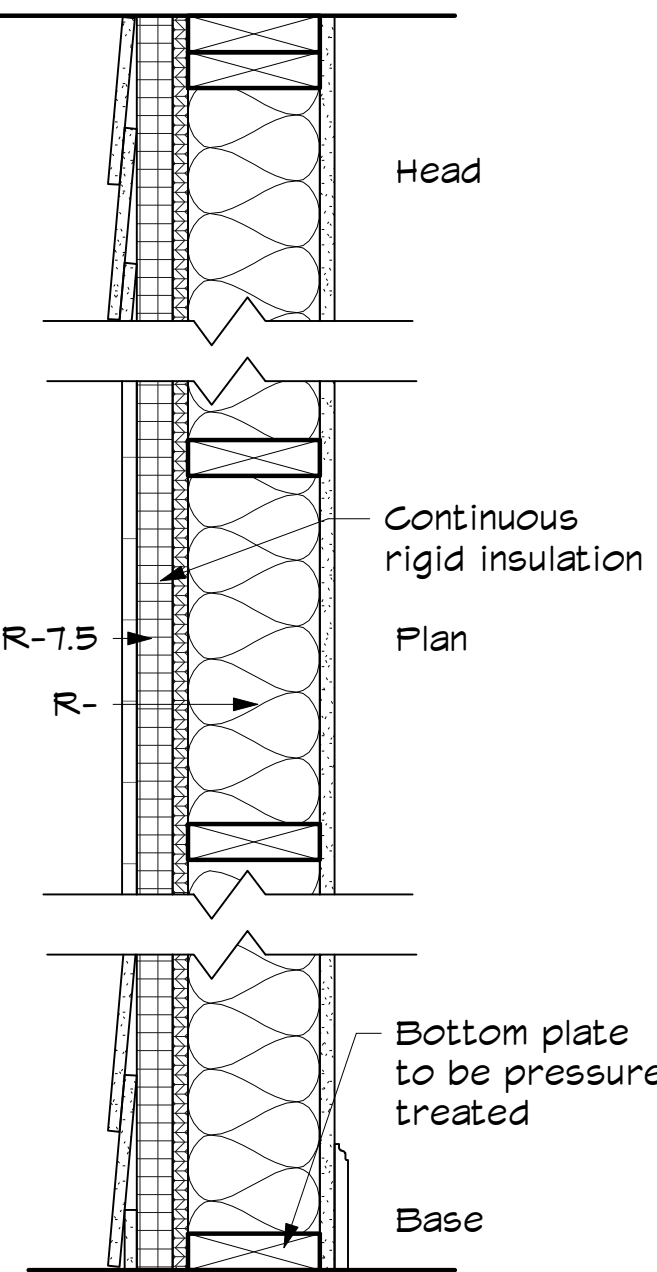
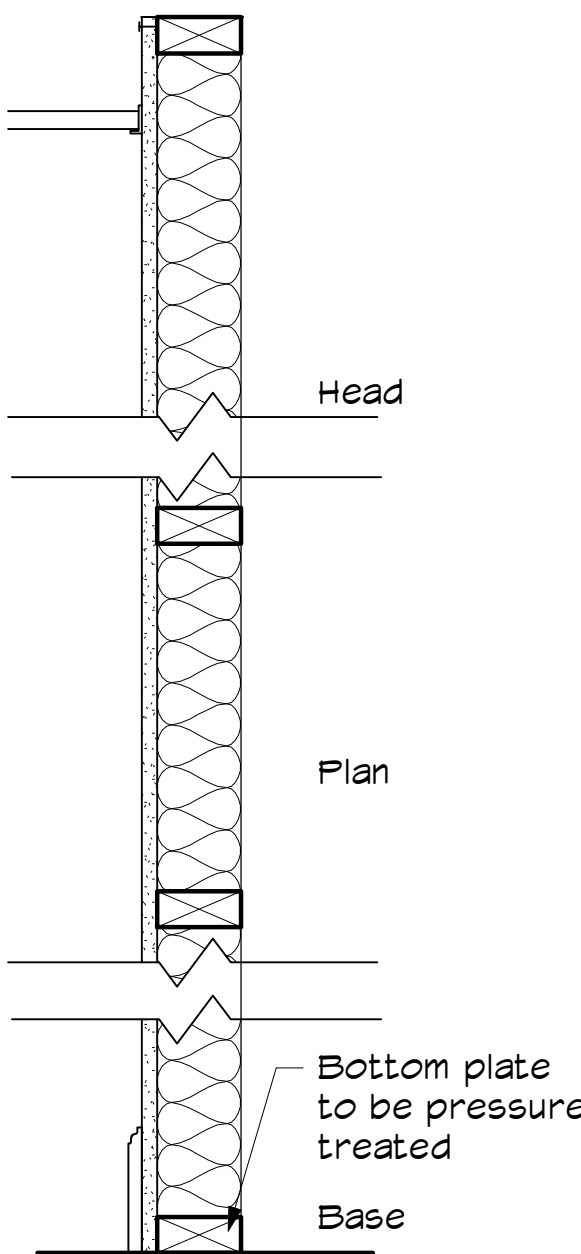
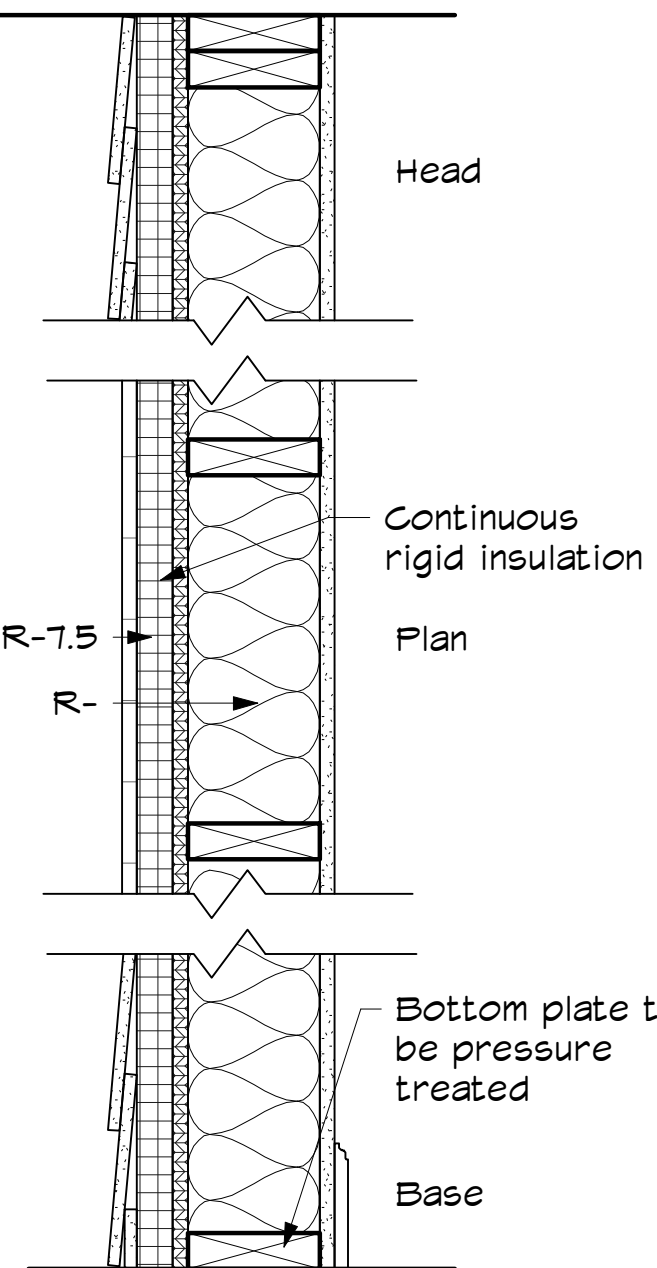
Large window unit assembly



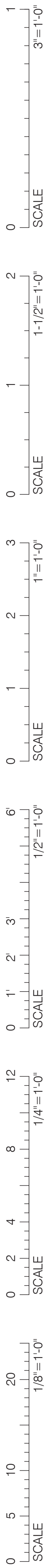
Small window unit assembly

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PARTITION SCHEDULE		EXTERIOR WALL SCHEDULE	
 Standard Partition	<p><u>Description</u></p> <ul style="list-style-type: none">• 2x4 wood studs @ 16" o.c.• 3 1/2" HD fiberglass insulation (R-11)• 5/8" GNB each side	 Exterior Wall Around Support Building	<p><u>Description</u></p> <ul style="list-style-type: none">• 5/8" GNB• 2x6 wood studs @ 16" o.c.• 5 1/2" spray foam insulation (R-)• 5/8" plywood sheathing• 1 1/2" thick XPS rigid insulation (R-7.5)• Fiber cement siding
	<p>1</p> <p>1a</p> <ul style="list-style-type: none">• 2x6 wood studs @ 16" o.c.• 5 1/2" HD fiberglass insulation (R-21)• 5/8" GNB each side		<p>3</p>
 Plumbing Chase	<p><u>Description</u></p> <ul style="list-style-type: none">• 2x4 wood studs @ 16"• 3 1/2" HD fiberglass insulation (R-11)• 5/8" MR GNB one side	 Exterior Wall Around Carousel	<p><u>Description</u></p> <p>TBD</p>
	<p>2</p>		<p>4</p>
<p>General Partition Notes::</p> <ul style="list-style-type: none">• Where partition appears to extend an existing partition, align the face of GNB with the existing GNB for a smooth surface unless noted otherwise.• All new partitions are to have acoustical sealant as shown on detail• For better sound isolation, stagger electrical boxes in the partition to avoid being back to back. Where possible, place electrical boxes in different stud cavities.			

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STRUCTURAL GENERAL NOTES

A. STRUCTURAL DESIGN CRITERIA

- THE STRUCTURAL DESIGN IS BASED ON THE MASSACHUSETTS STATE BUILDING CODE, 780 CMR, NINTH EDITION.
- DEAD LOADS:

WEIGHT OF MATERIALS ME/P & MISC (TOTAL)	10 PSF
--	--------
- LIVE LOADS:

OFFICE RETAIL AND LOBBY PUBLIC STAIRS PUBLIC CORRIDORS LIGHT STORAGE ROOF	50 PSF 100 PSF 100 PSF 100 PSF 125 PSF 20 PSF
--	--
- SNOW LOADS:

BASIC GROUND SNOW, P _g P _i (MIN) FLAT ROOF SNOW, P _i (DESIGN) C _e C _i I DRIFT	50 PSF 30 PSF 42 PSF 1.0 1.2 1.0 AS APPLICABLE PER CODE
--	---
- WIND LOAD - MAIN WIND:

BASIC WIND SPEED (V _{ult}) I _w BUILDING RISK CATEGORY EXPOSURE	124 MPH 1.0 II C
--	---------------------------
- WIND LOAD - COMPONENTS AND CLADDING - ROOF:

ZONE	EFFECTIVE WIND AREA (SF)	NOMINAL PRESSURE (PSF)
1	10	44
1	20	43
1	50	41
1	100	40
2	10	76
2	20	71
2	50	63
2	100	56
3	10	76
3	20	71
3	50	63
3	100	56
- WIND LOAD - COMPONENTS AND CLADDING - WALLS:

ZONE	EFFECTIVE WIND AREA (SF)	NOMINAL PRESSURE (PSF)
4	10	53
4	20	50
4	50	47
4	100	45
5	10	65
5	20	60
5	50	55
5	100	50
- SEISMIC LOAD:

SEISMIC IMPORTANCE FACTOR MAPPED SPECTRAL RESPONSE ACCELERATIONS: S _s S ₁ SITE CLASS SPECTRAL RESPONSE COEFFICIENTS: SDS SD1 SEISMIC DESIGN CATEGORY BASIC SEISMIC RESISTING SYSTEM: - LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE - STEEL MOMENT FRAME	1 0.266 0.078 D 0.422 0.187 B
---	---
- BASE SHEAR
R = 3.0
Cs = 0.0938
EQUIVALENT LATERAL FORCE PROCEDURE USED FOR ANALYSIS

B. FOUNDATIONS

- THE FOUNDATION IS DESIGNED AS A PILE SUPPORTED SYSTEM. THE PILE CAPACITIES ARE BASED ON THE GEOTECHNICAL ENGINEER'S REPORT PREPARED BY McPHAIL ASSOCIATES, LLC, DATED 09/24/2021.
- CONTRACTOR IS RESPONSIBLE FOR PROPERLY BRACING FOUNDATION ELEMENTS DURING BACKFILLING OPERATIONS AND DURING CONSTRUCTION.

GENERAL NOTES (CONTINUED)

C. REINFORCED CONCRETE

- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AS NOTED IN THE MINIMUM MIX DESIGNS. THE NOTED STRENGTHS ARE AT 28 DAYS. AIR ENTRAINMENT SHALL BE AS NOTED IN THE MINIMUM MIX DESIGNS. SUBMIT CONCRETE BREAK TEST REPORTS TO THE ENGINEER FOR REVIEW. THREE TEST CYLINDERS SHALL BE TAKEN PER SAMPLING. SAMPLES SHALL OCCUR AS FOLLOWS:
NOT LESS THAN (1) SET OF CYLINDERS PER DAY
NOT LESS THAN (1) SET OF CYLINDERS PER EACH 150 CUBIC YARDS OF CONCRETE
NOT LESS THAN (1) SET OF CYLINDERS PER 5000 SQUARE FEET OF SURFACE AREA OF SLAB OR WALL
RESULTS SHALL BE SUBMITTED FOR BREAKS OCCURRING AT 7, 28, AND 56 DAYS.
- ALL REINFORCING BARS TO BE ASTM A615. ALL WELDED WIRE TO BE ASTM A185. MATERIAL CERTIFICATIONS MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- CONTRACTOR TO PROTECT CONCRETE FROM DAMAGE DUE TO FREEZING OR HIGH TEMPERATURES.
- CONCRETE COVER SHALL BE PER LATEST ACI REQUIREMENTS.
- LAP BARS PER LATEST ACI REQUIREMENTS. FOR #4 BARS, LAP BARS 36 INCHES AS A MINIMUM. FOR #5 BARS, LAP BARS 48 INCHES AS A MINIMUM. FOR #6 BARS, LAP BARS 56 INCHES AS A MINIMUM. (ADJUST THESE VALUES AS REQUIRED)
- DO NOT EXPOSE CONCRETE TO ANY CALCIUM CHLORIDES PRIOR OR DURING CONSTRUCTION.
- IF VAPOR BARRIER IS PLACED, PLACE DIRECTLY BELOW THE SLAB ON GRADE. USE THE GREATER OF THICKNESS CITED ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- PORTLAND CEMENT MUST CONFORM TO ASTM C150 REQUIREMENTS. NORMAL WEIGHT AGGREGATES SHALL CONFORM TO ASTM C33. NO LIGHT WEIGHT CONCRETE IS SPECIFIED FOR THE PROJECT.
- WATER USED IN MIXES SHALL CONFORM TO ASTM C1602.
- PROPOSED MIX DESIGNS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. MIX DESIGNS SHALL INCLUDE BUT NOT BE LIMITED TO INDICATING WATER CEMENT RATIO, AGGREGATE SIZE AND PROPORTIONING, ADMIXTURES, SLUMP, AND HISTORY OF PROPOSED MIX DESIGNS WITH SPECIFIC PROJECT EXAMPLES.
- SUBMIT SPECIFICATIONS AND PRODUCT DATA FOR FLOOR HARDENER AND SEALER TO BE USED ON SLABS WHEN SLABS ARE TO BE REPLACED ON THE INTERIOR OF THE BUILDING.
- SUBMIT CONCRETE REINFORCING BAR SHOP DRAWINGS TO THE ENGINEER FOR REVIEW. CONSTRUCTION OF REINFORCED CONCRETE WORK THAT PROCEEDS WITHOUT REVIEWED AND APPROVED SHOP DRAWINGS IS DONE AT THE RISK OF THE CONTRACTOR.
- SUBMIT CONCRETE REINFORCING BAR SHOP DRAWINGS TO THE ENGINEER FOR REVIEW. CONSTRUCTION OF REINFORCED CONCRETE WORK THAT PROCEEDS WITHOUT REVIEWED AND APPROVED SHOP DRAWINGS IS DONE AT THE RISK OF THE CONTRACTOR.
- MINIMUM MIX DESIGNS ARE AS FOLLOWS:

SLAB ON GRADE AND ELEVATED SLAB:	
MAXIMUM W/C RATIO	0.5
AIR ENTRAINMENT	N/A
CEMENT	TYPE II
F _c	3,500 PSI
MAXIMUM AGGREGATE	3/4"
- AS A MINIMUM REINFORCED ALL ELEVATED SLAB WITH 6x6 - W1.4XW1.4 WELDED WIRE MESH. USE HEAVY REINFORCING IF NOTED ON THE PLANS. LAP WELDED WIRE A MINIMUM OF 12 INCHES.

E. WOOD

- WOOD MEMBERS SHALL BE AS PER THE DRAWINGS. MEMBERS OF EQUIVALENT STRENGTH AND STIFFNESS MAY BE SUBSTITUTED IF PERMITTED BY THE ARCHITECT/ENGINEER. USE SPRUCE PINE FIR No.2 AS A MINIMUM. ALL PRESSURE TREATED LUMBER SHOULD BE SOUTHERN PINE #1.
- WALLS:

INTERIOR BEARING WALL: UNLESS INDICATED OTHERWISE ON THE DRAWINGS, USE THE FOLLOWING: 2x4 @ 16" O.C. SPRUCE PINE FIR No.2 OR 2x6 @ 16" O.C. SPRUCE PINE FIR No.2	EXTERIOR WALLS: UNLESS INDICATED OTHERWISE ON THE DRAWINGS, USE THE FOLLOWING: 2x6 @ 16" O.C. SPRUCE PINE FIR No.2
INTERIOR NON-BEARING WALLS: UNLESS INDICATED OTHERWISE ON THE DRAWINGS, USE THE FOLLOWING: 2x4 @ 16" O.C. SPF. No.2	
- PLYWOOD AND OTHER SIMILAR SHEATHING MATERIALS SHALL BE AS PER THE DRAWINGS. APA RATED MATERIALS SHALL BE USED. THE STRONG AXIS OF SHEATHING MATERIALS SHALL RUN PERPENDICULAR TO THE FLOOR FRAMING AND WALL STUDS.
- HANGERS, CLIPS, ETC SHALL BE AS PER THE DRAWINGS. CONTRACTOR TO BRING ANY UNIDENTIFIED HANGARS, ETC TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- EXTERIOR WALL SHEATHING SHALL BE A MINIMUM IF ½ INCH APA RATED, EXPOSURE 1. SHEATHING NAILED TO THE WALL FRAMING W/ 8d NAILS AT 6 INCH CENTERS AT PANEL EDGES AND 12 INCH CENTERS AT INTERMEDIATE SUPPORTS UNLESS NOTED OTHERWISE.
- INTERIOR WOOD SHEATHING USED AS SHEAR WALL SHEATHING SHALL BE A MINIMUM IF ½ INCH, APA RATED SHEATHING NAILED PER THE SHEAR WALL DRAWINGS AND SCHEDULES.
- FLOOR AND ROOF SHEATHING SHALL BE PER THE FLOOR AND ROOF FRAMING DRAWINGS.
- ALL ENGINEERED LUMBER SHALL BE AS PER THE DRAWINGS. ALL LSL MEMBERS SHALL HAVE A MINIMUM YOUNG'S MODULUS (E) OF 1,550,000 PSI. ALL LVL'S SHALL HAVE A MINIMUM MODULUS (E) OF 2,000,000 PSI. ALL PSL'S USED AS BEAMS SHALL HAVE A MINIMUM YOUNG'S MODULUS (E) OF 2,000,000 PSI. ALL PSL'S USED AS POSTS OR COLUMNS SHALL HAVE A MINIMUM YOUNG'S MODULUS (E) OF 1,800,000 PSI. ENGINEERED LUMBER MUST HAVE THE IDENTIFICATION MARKINGS LEFT ON FOR FIELD VERIFICATION PURPOSES.
- ALL ENGINEERED WOOD "I" JOISTS SHALL BE AS PER THE DRAWINGS. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- USE ENGINEERED LUMBER MANUFACTURERS GUIDELINES FOR MEMBER WEB OR FLANGE PENETRATIONS, MAXIMUM ALLOWED NOTCHES, BRIDGING REQUIREMENTS, INTERIOR AND EXTERIOR BEARING REQUIREMENTS, ETC.
- CONTACT THE ENGINEER REGARDING ALL DIMENSIONAL LUMBER PENETRATIONS, NOTCHES, ETC.
- AT OPENINGS LARGER THAN 4 FEET IN FLOOR SHEATHING, PROVIDE BLOCKING BEYOND HEADERS AS WELL AS 1-1/2" 16GA STRAPS WITH (8) 16d NAILS ON EACH SIDE OF THE HEADER-JOIST INTERSECTION. THE METAL STRAPS SHALL BE OF 33,000 PSI OR GREATER. SEE FIGURE 2308.11.3.3 IN THE INTERNATIONAL BUILDING CODE 2015.

F. TIMBER PILES

- THE TIMBER PILE FOUNDATION SOLUTION SHOWN ON THE DRAWINGS IS BASED ON THE RECOMMENDATIONS NOTED IN THE McPHAIL ASSOCIATES, LLC, GEOTECHNICAL REPORT DATED SEPTEMBER 24, 2021.
- BASED ON INFORMATION FOUND IN THE CITED GEOTECHNICAL REPORT, ALL TIMBER PILES SHALL HAVE A MINIMUM COMPRESSIVE CAPACITY OF 20 TONS (40,000 POUNDS). THIS VALUE ASSUMES A FACTOR OF SAFETY (FS) VALUE OF 2.5. EACH PILE SHALL HAVE A MINIMUM LATERAL CAPACITY OF 1,800 POUNDS FOR A MAXIMUM OF 1 INCH HORIZONTAL PILE MOVEMENT.
- BASED ON INFORMATION FOUND IN THE CITED GEOTECHNICAL REPORT, THE MINIMUM TIMBER PILE TIP DIAMETER SHOULD BE 8 INCHES. THE PILE DRIVING HAMMER SHOULD HAVE A MINIMUM ENERGY OF 9,000 FOOT-POUNDS PER BLOW AND MAXIMUM ENERGY OF 12,000 FOOT-POUNDS PER BLOW. EACH PILE SHOULD BE SPACED AT LEAST 30 INCHES ON CENTER.
- BASED ON INFORMATION FOUND IN THE CITED GEOTECHNICAL REPORT, THE END BEARING OF THE PILES SHALL BE IN THE NATURAL SAND DEPOSIT AND OR ON BEDROCK. EACH PILE SHALL HAVE A MINIMUM EMBEDMENT OF 37 FEET BELOW THE GROUND SURFACE AND A MAXIMUM PROJECTION OF 3-FOOT ABOVE GROUND SURFACE.
- BASED ON INFORMATION FOUND IN THE CITED GEOTECHNICAL REPORT, THE PILES ARE RECOMMENDED TO BE PRESSURE TREATED WITH CHROMATED COPPER ARSENATE (CCA) PRESERVATIVE IN ACCORDANCE WITH STANDARD C3 OF THE AMERICAN WOOD PRESERVERS ASSOCIATION.
- PILES SHALL NOT BE RELOCATED WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.
- A DAILY PHOTOGRAPHIC JOURNAL SHALL BE MAINTAINED. THE PHOTOGRAPHS SHOULD CAPTURE WORK IN PROGRESS. PHOTOGRAPHS SHALL INCLUDE, BUT SHALL NOT BE LIMITED TO IN PROGRESS PILE INSTALLATION, PILE BRACKET INSTALLATION, AND PILE RELOCATIONS.
- A PILE DRIVING LOG SHALL BE KEPT ON SITE AT ALL TIMES AND SHALL BE MAINTAINED AND UPDATED DAILY. THE LOG SHALL DOCUMENT ALL PILE DRIVING ACTIVITIES.
- AN "AS-BUILT" DRAWING SHALL BE MAINTAINED BY THE PILE DRIVING CONTRACTOR. A FINAL COPY OF THE "AS-BUILT" DRAWING SHALL BE SUBMITTED TO THE GENERAL CONTRACTOR, THE GEOTECHNICAL ENGINEER, THE OWNER, THE ARCHITECT, AND THE STRUCTURAL ENGINEER.

G. STRUCTURAL STEEL

- ALL WIDE FLANGE SECTIONS SHALL BE FABRICATED FROM ASTM A992 STRUCTURAL STEEL. ALL CHANNELS, ANGLES, AND PLATES SHALL BE FABRICATED FROM ASTM A36 STRUCTURAL STEEL. ALL HSS SECTIONS SHALL BE FABRICATED FROM ASTM A500 GRADE B STRUCTURAL STEEL WITH A MINIMUM YIELD STRESS OF 50 KSI. ALL PIPE SECTIONS SHALL BE FABRICATED FROM ASTM A53, GRADE B STRUCTURAL STEEL WITH A MINIMUM YIELD STRESS OF 35 KSI.
- ALL CONNECTIONS SHALL BE PER THE LATEST EDITION OF THE AISC STEEL CONSTRUCTION MANUAL.
- ALL BOLTS SHALL BE MIN 3/4 INCH DIAMETER ASTM A325 TYPE N.
- ALL WELDS SHALL BE WITH E70XX ELECTRODES. WELDING SHALL CONFORM TO THE LATEST AWS D1.1.
- BELOW ALL BASE PLATES PROVIDE 1/4 INCH LEVELING PLATE AND 3/4" NON-SHRINK GROUT, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.
- UNLESS OTHERWISE NOTED, ALL ANCHOR RODS SHALL CONFORM TO ASTM F1554, AND SHALL BE GRADE 36. USE 3/4 INCH DIAMETER RODS WITH NINE INCHES OF EMBEDMENT AND 4 INCHES OF PROJECTION, UNLESS OTHERWISE NOTED (UON) ON THE DRAWINGS.
- TEMPORARY BRACING, SHORING, ETC, IS THE RESPONSIBILITY OF THE CONTRACTOR.
- IF CLASHES OCCUR BETWEEN STRUCTURAL STEEL AND OTHER TRADES, CONTACT THE ARCHITECT TO RESOLVE THE CLASHES. FIELD CUTTING OF MEMBERS WILL NOT BE PERMITTED.
- SUBMIT STRUCTURAL STEEL SHOP DRAWINGS FOR REVIEW TO THE ENGINEER. SHOP DRAWINGS AND INFORMATION INCLUDED ON SHOP DRAWINGS SHALL INCLUDE BUT NOT BE LIMITED TO ERECTION PLANS, PIECE DRAWINGS, MATERIAL SPECIFICATION, COATING SPECIFICATION, FASTENER DATA, AND METHOD OF SURFACE PREPARATION TO RECEIVE PAINT.
- AS A MINIMUM, STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED IN AREAS WHERE STRUCTURAL STEEL ELEMENTS ARE EXPOSED TO THE ELEMENTS. IN ADDITION, ALL HARDWARE (BOLTS, NUTS, WASHERS) SHALL BE HOT DIP GALVANIZED.
- ALL CONNECTIONS SHALL BE DESIGNED BY THE FABRICATOR. CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD (E.O.R.) FOR REVIEW. THE CALCULATIONS SHALL BEAR THE SIGNATURE AND SEAL OF A MASSACHUSETTS REGISTERED STRUCTURAL ENGINEER.
- LOADS GIVEN ON THE DRAWINGS ARE IN ALLOWABLE STRESS FORMAT.

H. METAL FLOOR DECK

- ALL METAL DECK SHALL BE BY VULCRAFT OR APPROVED EQUIVALENT
- ALL METAL DECK SHALL BE AS FOLLOWS:

FLOOR DECK: VULCRAFT 2C 20 GA STEEL DECK
FLOOR DECK SHALL BE NON COMPOSITE
DECK THICKNESS = 0.0358 INCHES
MOMENT OF INERTIA (I_y) = 0.409 IN⁴
MOMENT OF INERTIA (I_x) = 0.406 IN⁴
POSITIVE SECTION MODULUS (S_p) = 0.341 INCHES³ PER FOOT
NEGATIVE SECTION MODULUS (S_n) = 0.346 INCHES³ PER FOOT
YIELD STRENGTH = 50,000 PSI
REINFORCING IF NOT INDICATED ON THE DRAWINGS = #6 BARS @ 12" O.C. EACH WAY. PLACE REINFORCEMENT 4" BELOW TOP OF CONCRETE SLAB.
TOTAL SLAB DEPTH IF NOT INDICATED ON THE DRAWINGS = 8 INCHES

- ALL DECK SHALL BE INSTALLED IN A MULTI SPAN FASHION WHERE POSSIBLE. CONNECTIONS OF DECK SHALL BE AS SHOWN ON THE DRAWINGS. IF DECK CONNECTIONS ARE NOT SHOWN CONTACT THE ENGINEER.
- IF NOT INDICATED ON THE DRAWINGS, ALL DECK SHALL BE FASTENED TO THE SUPPORT MEMBERS BY WELDING. ALL WELDS SHALL BE WITH E70XX ELECTRODES. WELDING SHALL CONFORM TO THE LATEST AWS D1.1. SCREW FASTENERS AND POWDER ACTUATED FASTENERS ARE PERMITTED BUT DESIGN DATA FOR ALTERNATE FASTENING METHODS MUST BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- ALL DECK SECTION PROPERTIES SHALL CONFORM TO AISI AND SDI REQUIREMENTS AND STANDARDS.
- ALL FLOOR DECK SHALL BE GALVANIZED TO ACHIEVE A G-90 COATING.
- INSTALL ALL DECK PER AISI AND SDI RECOMMENDATIONS.

- STORE ALL DECK MATERIALS OFF THE GROUND AND IN A MANNER THAT ALLOWS ANY WATER TO DRAIN UNDER THE STORED MATERIAL. DECK SHALL BE COVERED UNTIL USE.
- SUBMIT FLOOR DECK SHOP DRAWINGS FOR REVIEW TO THE ENGINEER. SHOP DRAWINGS AND INFORMATION INCLUDED ON SHOP DRAWINGS SHALL INCLUDE BUT NOT BE LIMITED TO ERECTION PLANS, PIECE MARKINGS, MATERIAL SPECIFICATION, COATING SPECIFICATION, FASTENER DATA, AND FASTENING PATTERNS.

I. CONTRACTOR'S RESPONSIBILITIES

- CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY SHORING AND TEMPORARY BRACING DESIGN RELATED TO MEANS AND METHODS OF CONSTRUCTION.
- COORDINATION BETWEEN TRADES IS THE RESPONSIBILITY OF THE CONTRACTOR. DRAWING CONFLICTS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND ARCHITECT FOR RESOLUTION.
- THE CONTRACTOR IS REQUIRED TO INFORM THE DESIGN PROFESSIONAL OF THE PROGRESS OF THE PROJECT IN ORDER FOR THE DESIGN PROFESSIONAL TO PERFORM PERIODIC SITE VISITS TO OBSERVE THE WORK IN PROGRESS.
- SECTIONS AND DETAILS DEPICT SPECIFIC CONDITIONS. ALL CONDITIONS ARE NOT SHOWN ON THESE DRAWINGS. CONDITIONS SIMILAR TO THOSE SHOWN ON THE DRAWINGS SHALL UTILIZE SIMILAR DETAILS.
- THE DRAWINGS ARE NOT TO BE SCALED. THE CONTRACTOR IS TO CONTACT THE DESIGN PROFESSIONAL REGARDING ANY DIMENSIONAL INQUIRIES.

J. SUBMITTALS:

- SUBMIT SHOP DRAWINGS FOR THE FOLLOWING:
 - STRUCTURAL STEEL
 - CONCRETE REINFORCING
 - WOOD FRAMING AS INDICATED IN NOTES
 - METAL DECK
 - PILE DATA REQUIRED BY SECTION F
 - PILE GRADE AND PRESERVATIVE MATERIALS
- SUBMIT PROPOSED MIX DESIGNS FOR CONCRETE. SUBMIT ALL ASSOCIATED ADMIXTURES INCLUDING BUT NOT LIMITED TO WATER REDUCERS, PLASTICIZERS, AND AIR ENTRAINMENT.

SPECIAL INSPECTIONS AND FABRICATOR/ CONTRACTOR DOCUMENTATION REQUIREMENTS:

GENERAL:

- THE OWNER IS RESPONSIBLE FOR PAYMENT TO THE INSPECTION AGENCY(S) THAT PERFORM THE WORK ASSOCIATED THE SPECIAL INSPECTIONS.

- THE OWNER MAY UTILIZE THE SERVICES OF THE GENERAL CONTRACTOR FOR THE PURPOSE OF HIRING AND SUPERVISING THE SPECIAL INSPECTORS.
- ALL SPECIAL INSPECTION AGENCIES THAT ARE BEING CONSIDERED TO PERFORM THE WORK SHALL SUBMIT A QUALIFICATIONS STATEMENT TO THE GENERAL CONTRACTOR FOR SUBMITTAL TO THE ENGINEER. THE ENGINEER SHALL REVIEW THE QUALIFICATIONS AND MAKE RECOMMENDATIONS TO THE GENERAL CONTRACTOR.

SOILS

- IT IS ANTICIPATED SOIL INSPECTIONS WILL BE REQUIRED. THE OWNER WILL BE RESPONSIBLE FOR HIRING A GEOTECHNICAL DESIGN PROFESSIONAL AND A SOIL INDEPENDENT INSPECTION AGENCY. THE GEOTECHNICAL ENGINEER WILL COORDINATE WITH THE INDEPENDENT INSPECTION AGENCY TO PERFORM SPECIAL INSPECTIONS. IF SPECIAL INSPECTIONS ARE REQUIRED SEE BELOW FOR INSPECTION AGENCY REQUIREMENTS.

SOILS INSPECTION AGENCY MINIMUM REQUIREMENTS:

- INSPECTION AGENCY SHALL REVIEW THE EXCAVATION CONTRACTOR'S QUALITY CONTROL PROCEDURES PRIOR TO COMMENCEMENT OF EXCAVATION WORK. REVIEW FOR ADHERENCE TO THE PROCEDURES SHALL OCCUR ON A WEEKLY BASIS.
- INSPECTION AGENCY SHALL INSPECT EXCAVATIONS PRIOR TO THE START OF FOUNDATION WORK. INSPECTION SHALL INCLUDE VERIFICATION OF CORRECT EXCAVATION DEPTH, VERIFICATION OF SUITABILITY OF BEARING STRATA RELEVANT TO THE REQUIREMENTS SET FORTH ON THE DRAWINGS, AND VERIFICATION THAT EXCAVATION OPERATIONS ARE CONTROLLED AND NO UNSUITABLE MATERIALS ARE CONTAINED WITHIN THE EXCAVATION.
- STRUCTURAL FILL OPERATIONS SHALL BE MONITORED BY THE INSPECTION AGENCY. AGENCY SHALL REVIEW CONTRACTORS QUALITY CONTROL PROCEDURES. AGENCY SHALL VERIFY THAT FILL MATERIALS ARE OF SUITABLE MATERIAL AND THAT INSTALLATION CONFORMS TO THE PROJECT REQUIREMENTS RELATIVE TO OPTIMUM WATER CONTENT AND IN PLACE DENSITY REQUIREMENTS.

DEEP FOUNDATIONS

- DRIVEN PILES SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE TO THE REQUIREMENTS OF 2015 IBC TABLE 1705.7.
- FULL TIME OBSERVATIONS OF PILE LOAD TEST AND PILE INSTALLATION OPERATIONS WILL BE PERFORMED BY THE GEOTECHNICAL ENGINEER. PILES SHALL ONLY BE INSTALLED IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER.

CONCRETE

- IT IS ANTICIPATED CONCRETE INSPECTIONS WILL BE REQUIRED. THE ENGINEER OF RECORD WILL REVIEW PROPOSED MIX DESIGNS. THE GENERAL CONTRACTOR (BY MEANS OF THE INDEPENDENT TESTING AGENCY) MUST INSURE CONCRETE PLACED ON SITE MATCHES THE REVIEWED CONCRETE MIX DESIGN. ALSO, THE CONTRACTOR (BY MEANS OF THE INDEPENDENT TESTING AGENCY) MUST ENSURE REINFORCING PLACED MATCHES WHAT HAS BEEN REVIEWED BY THE ENGINEER OF RECORD ON THE SHOP DRAWINGS. THE CONTRACTOR (AND THE INDEPENDENT TESTING AGENCY) MUST OBSERVE CONCRETE PLACEMENT, CURING, AND PROTECTION PROCEDURES DURING CONSTRUCTION AND ENSURE CONFORMANCE TO ACI STANDARDS AND DRAWING REQUIREMENTS.
- THE CONCRETE INSPECTIONS AND VERIFICATIONS MUST COMPLY WITH TABLE 1705.3 OF THE 2015 INTERNATIONAL BUILDING CODE (IBC).

WOOD AND ENGINEERED WOOD PRODUCTS

- SUPPLIER OF ENGINEERED WOOD PRODUCTS (LVL'S, WOOD "I" JOISTS, GLU-LAMS, PRE-ENGINEERED FLOOR AND ROOF TRUSSES, AND PLYWOOD) SHALL OBTAIN AND SUBMIT TO THE ENGINEER THE FABRICATOR'S WRITTEN PROCEDURE FOR QUALITY CONTROL AND QUALITY ASSURANCE FOR ENGINEERED WOOD PRODUCTS. PRODUCTS SHALL BE SUBMITTED WITH A CERTIFICATE OF COMPLIANCE TO THE ENGINEER STATING THAT THE PRODUCTS WERE SUPPLIED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND WERE FABRICATED IN ACCORDANCE WITH THE QUALITY ASSURANCE QUALITY CONTROL PROCEDURES.
- PERIODIC SPECIAL INSPECTIONS ARE REQUIRED FOR ALL WOOD FRAMING OPERATIONS INCLUDING BUT NOT LIMITED TO WALL CONSTRUCTION, FLOOR CONSTRUCTION, SHEAR WALL CONSTRUCTION, NAILING, BOLTING, FASTENING, HURRICANE TIE INSTALLATION, LATERAL TIE INSTALLATION, AND HANGER INSTALLATION.

STRUCTURAL STEEL

- STRUCTURAL STEEL SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE TO THE REQUIREMENTS OF IBC SECTION 1705.2.1 AND AISC 360.
- SPECIAL INSPECTIONS REQUIREMENTS FOR THE STRUCTURAL STEEL FABRICATOR (IN ACCORDANCE WITH IBC SECTION 1705.2) SHALL BE WAIVED IF THE FABRICATOR MEETS THE EXCEPTIONS OF SECTION 1705.2 IN ACCORDANCE WITH THE MASSACHUSETTS STATE BUILDING CODE, 780 CMR, 9TH EDITION.

METAL FLOOR DECK

- CONNECTIONS OF DECK TO FRAMING SHALL BE CONDUCTED PERIODICALLY.



Newburyport Bank Flying
Horses Carousel
PROGRESS SET
7 BROADWAY - SALISBURY, MA

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No.	Date	Description
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Drawn by: RC
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GENERAL
NOTES

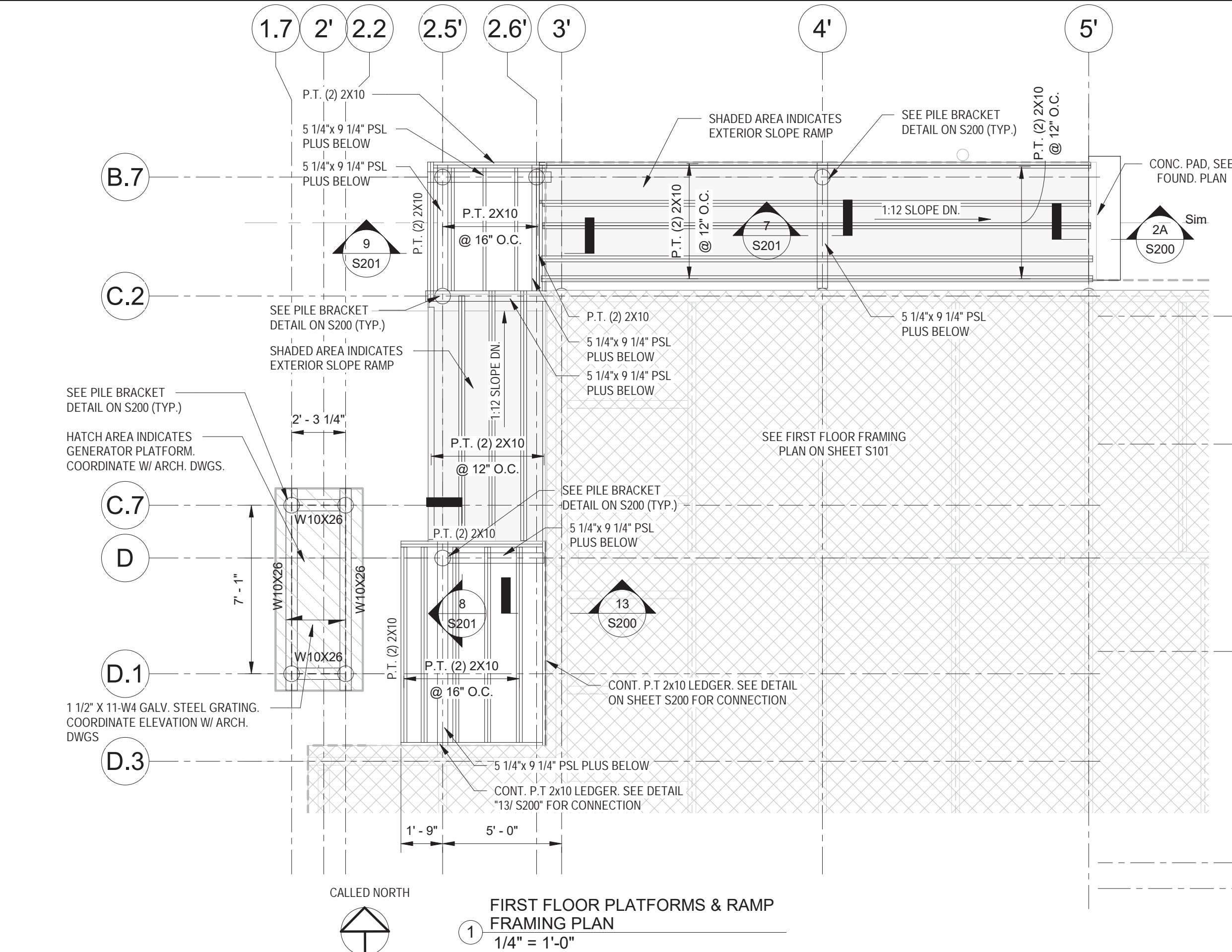
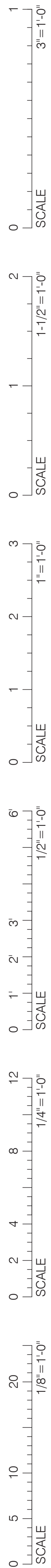
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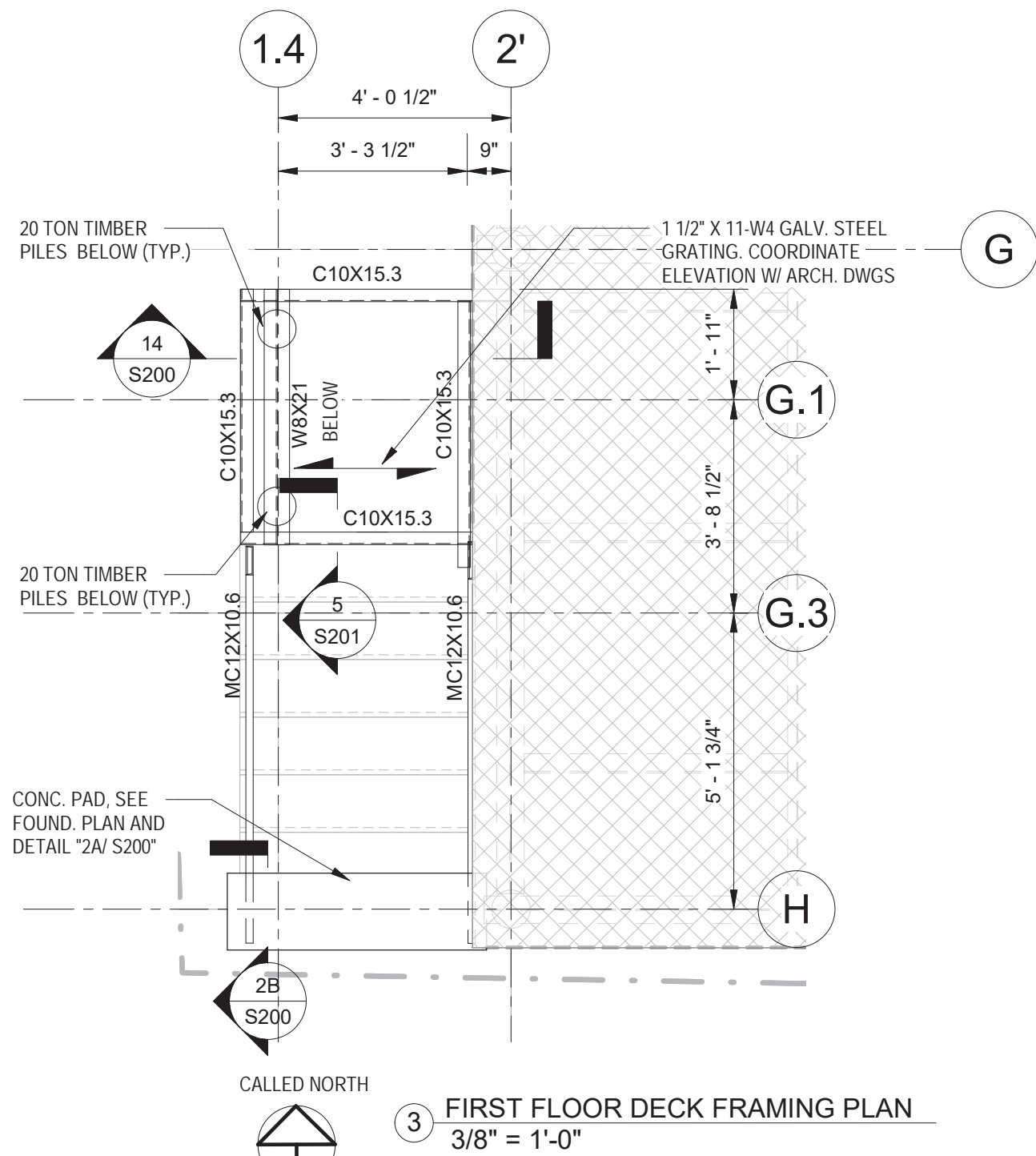
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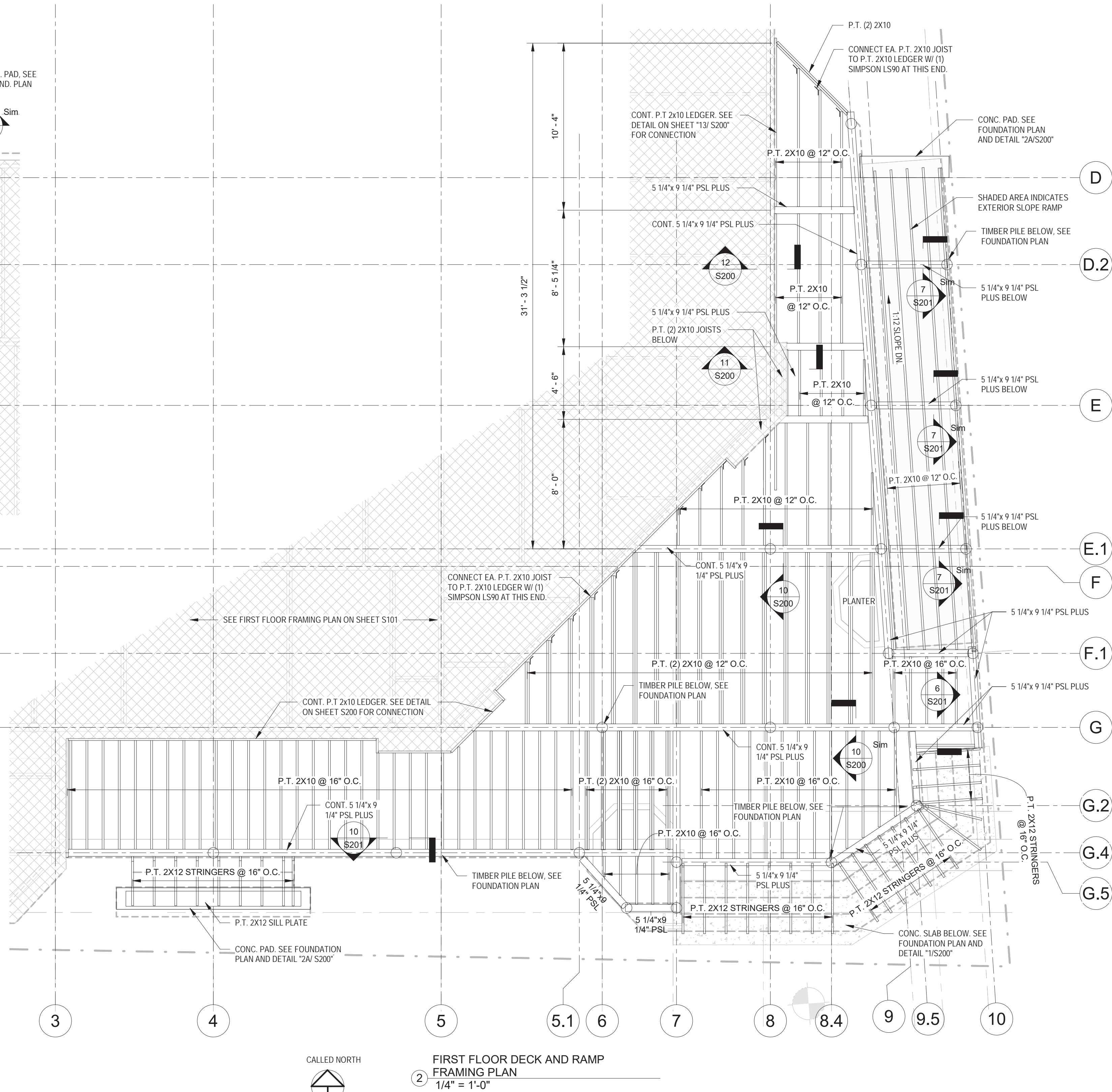
FIRST FLOOR DECK & RAMP FRAMING PLAN NOTES

- UNLESS OTHERWISE NOTED IN PLAN, TOP OF DECK ELEVATION TO MATCH TOP OF FIRST FLOOR. TOP OF SHEATHING ELEVATIONS THAT VARY FROM THE NOTED ELEVATION ARE SHOWN IN PLAN AS (TOSH = X'-X"); THIS ELEVATION IS A STAND-ALONE ELEVATION.
- FLOOR DECKING SHALL BE 1" THICK MINIMUM COMPOSITE DECKING OR 1 1/4" PRESSURE TREATED DECK BOARD. COORDINATE FINISHED COLOR WITH OWNER. FASTEN EACH DECK BOARD TO EACH INTERIOR JOIST AND PERIMETER BEAMS WITH WEATHER RESISTANT TREADED FASTENERS. UNLESS OTHERWISE NOTED IN PLAN, RUN THE LONG AXIS OF EACH BOARD OF SHEATHING PERPENDICULAR TO THE SPAN OF THE FRAMING MEMBERS.
- RIM JOISTS OR RIBBON JOISTS ARE REQUIRED AT THE PERIMETER OF THE FRAMING AND WHERE NOTED ON THE DRAWINGS. RIM AND BAND JOISTS FOR THE FRAMING TYPES SHALL BE AS FOLLOWS:
A. FOR DIMENSIONAL LUMBER USE ONE 2x AS THE RIM JOIST AND MATCH THE DEPTH OF THE FLOOR JOISTS.
- BEAMS ARE SHOWN ON THE PLANS. BEAM AND JOIST HANGERS ARE NOTED ON THE RESPECTIVE HANGER SCHEDULES.



FIRST FLOOR DECK FRAMING NOTE:

- UNLESS OTHERWISE NOTED IN PLAN, TOP OF DECK ELEVATION = -0'-5" FROM TOP OF FIRST FLOOR. TOP OF SHEATHING ELEVATIONS THAT VARY FROM THE NOTED ELEVATION ARE SHOWN IN PLAN AS (TOSH = X'-X"); THIS ELEVATION IS A STAND-ALONE ELEVATION.
- ALL STRUCTURAL STEEL SHOULD BE HOT DIPPED GALVANIZED.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO STRUCTURAL STEEL FABRICATION.
- FOR TYPICAL SECTIONS AND DETAILS SEE DRAWING S200



FIRST FLOOR DECK & RAMP FRAMING PLAN NOTES:

- UNLESS OTHERWISE NOTED IN PLAN, TOP OF DECK ELEVATION TO MATCH TOP OF FIRST FLOOR. TOP OF SHEATHING ELEVATIONS THAT VARY FROM THE NOTED ELEVATION ARE SHOWN IN PLAN AS (TOSH = X'-X"); THIS ELEVATION IS A STAND-ALONE ELEVATION.
- FLOOR DECKING SHALL BE 1" THICK MINIMUM COMPOSITE DECKING OR 1 1/4" PRESSURE TREATED DECK BOARD. COORDINATE FINISHED COLOR WITH OWNER AND ARCHITECT. FASTEN EACH DECK BOARD TO EACH INTERIOR JOIST AND PERIMETER BEAMS WITH WEATHER RESISTANT TREADED FASTENERS. UNLESS OTHERWISE NOTED IN PLAN, RUN THE LONG AXIS OF EACH BOARD OF SHEATHING PERPENDICULAR TO THE SPAN OF THE FRAMING MEMBERS.
- RIM JOISTS OR RIBBON JOISTS ARE REQUIRED AT THE PERIMETER OF THE FRAMING AND WHERE NOTED ON THE DRAWINGS. RIM AND BAND JOISTS FOR THE FRAMING TYPES SHALL BE AS FOLLOWS:
A. FOR DIMENSIONAL LUMBER USE ONE 2x AS THE RIM JOIST AND MATCH THE DEPTH OF THE FLOOR JOISTS.
- BEAMS ARE SHOWN ON THE PLANS. BEAM AND JOIST HANGERS ARE NOTED ON THE RESPECTIVE HANGER SCHEDULES.



Newburyport Bank Flying Horses Carousel

PROGRESS SET
7 BROADWAY - SALISBURY, MA

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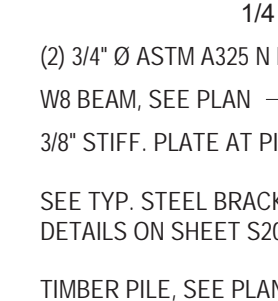
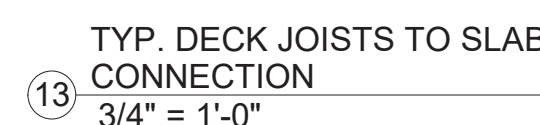
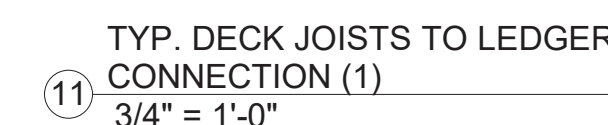
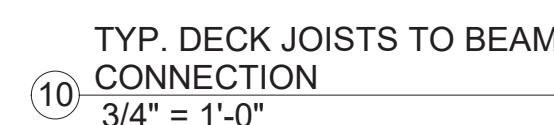
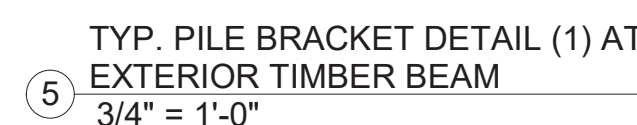
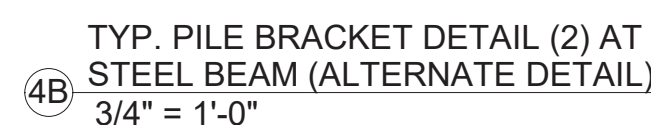
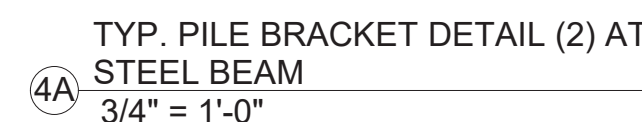
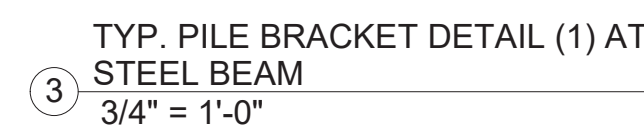
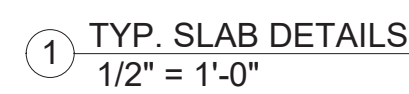
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PARTIAL
FLOOR
FRAMING
PLANS

S102



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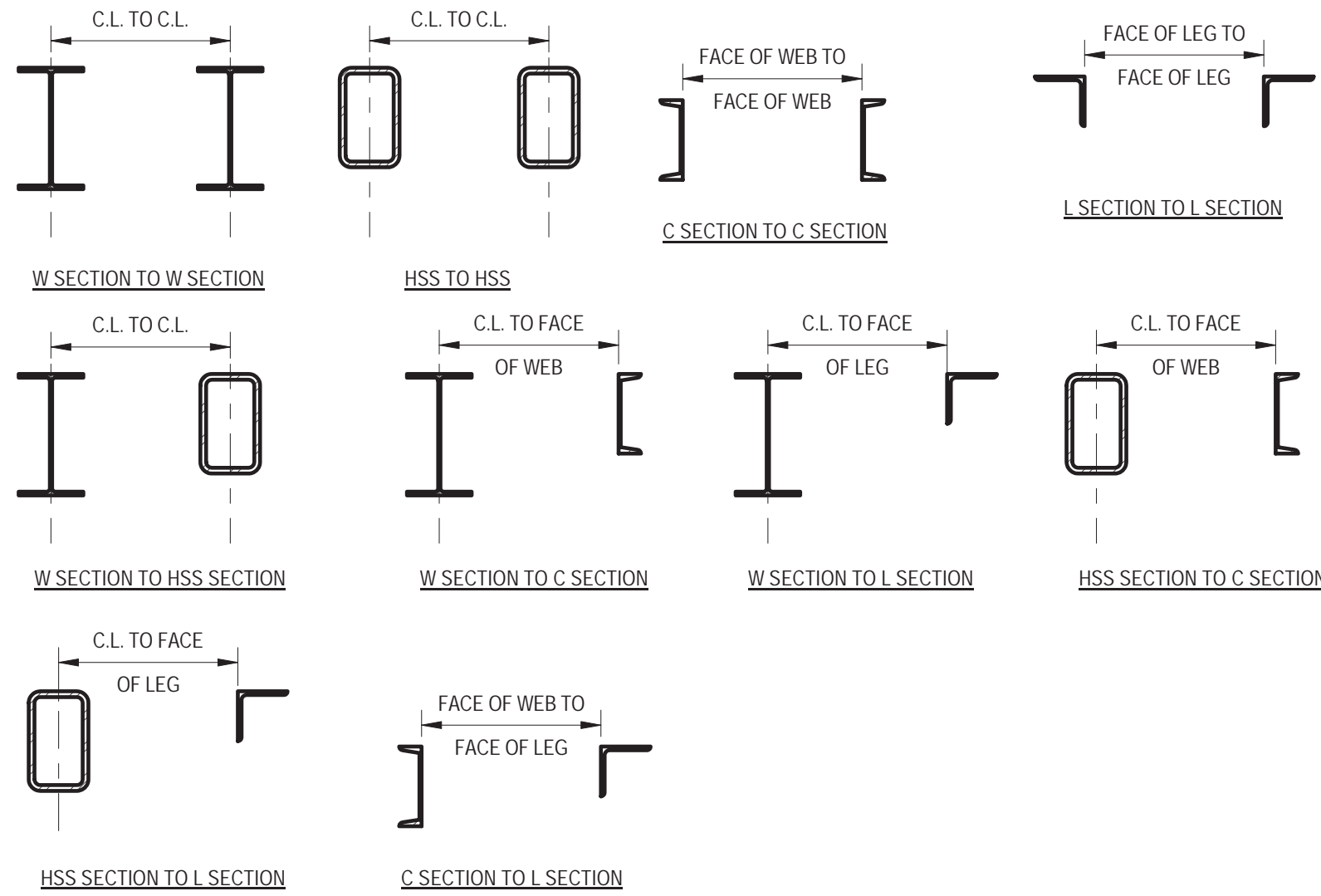
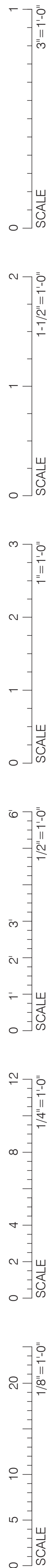
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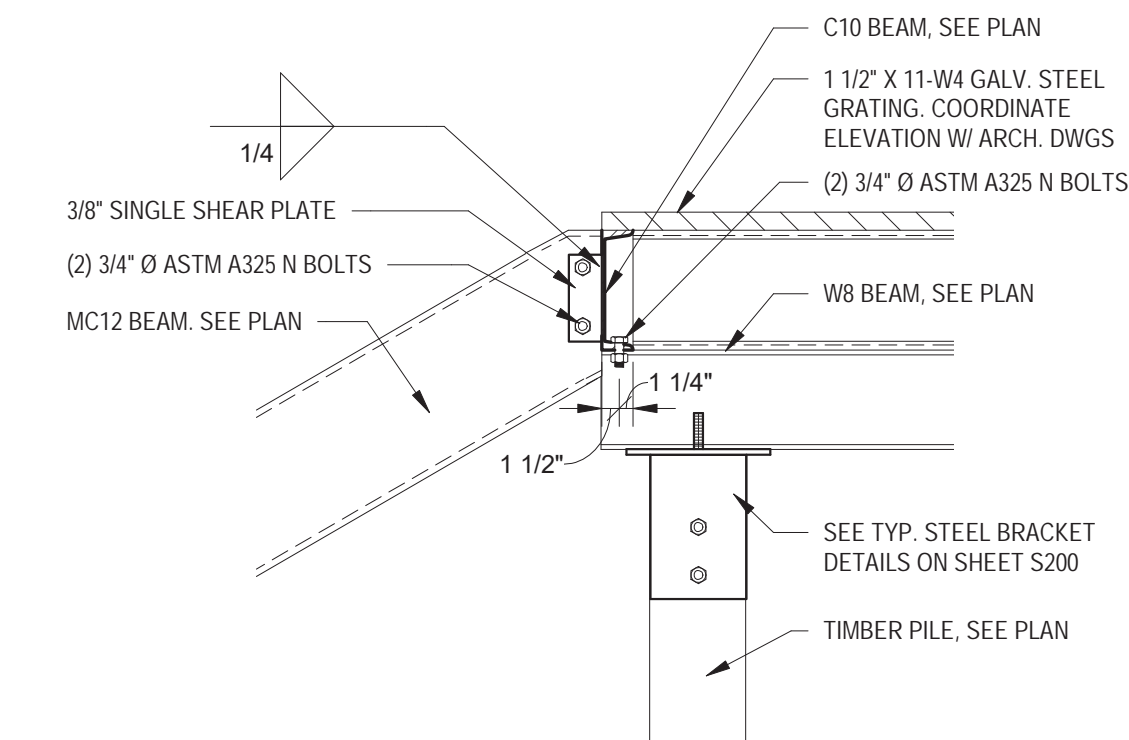
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T:\Projects\2021\07016 (Flying Horses) - Salisbury\DWG\14-REV17-Broadway - Salisbury - Working Set - Foundation (1) 14

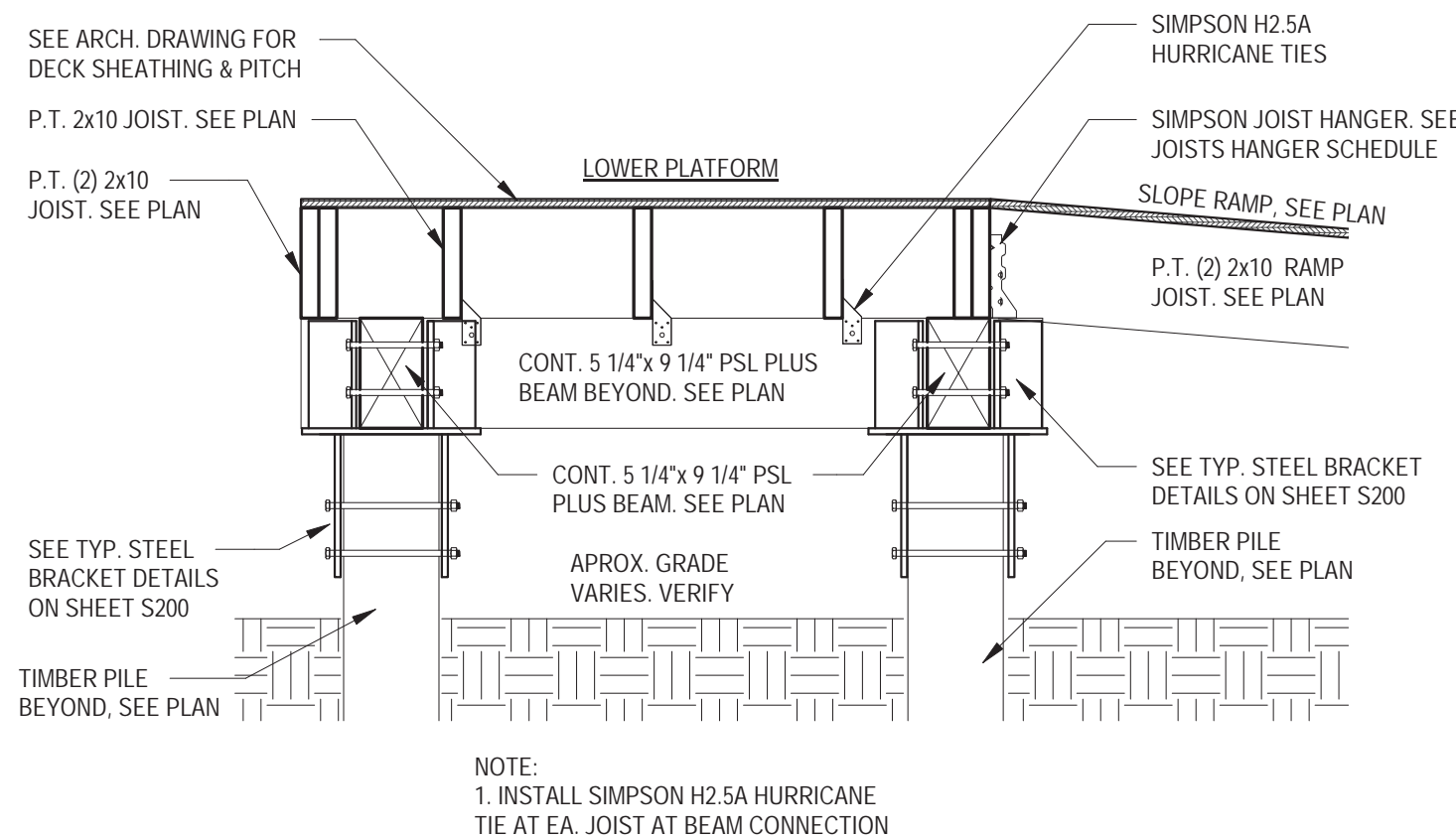
IF THIS SHEET IS NOT 24 X 36 IT IS A REDUCED SCALE PRINT - SCALE ACCORDINGLY



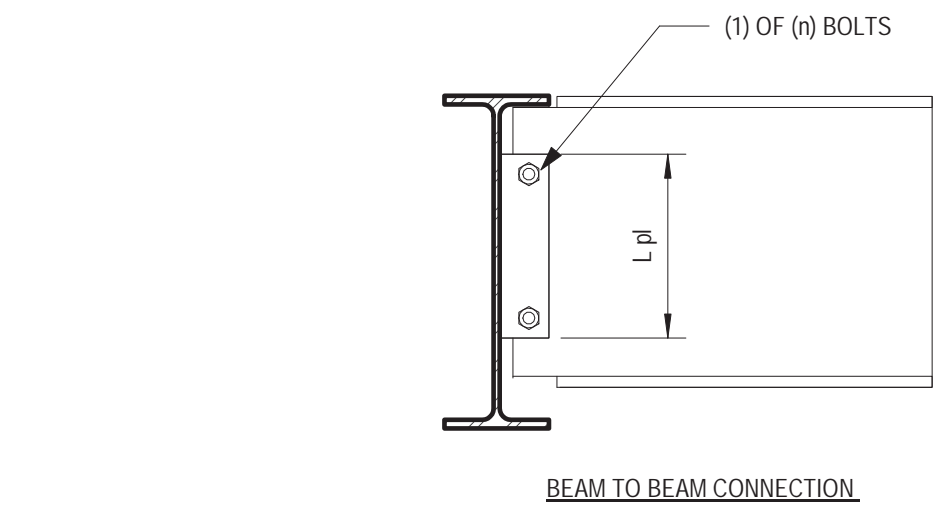
MEMBER TO MEMBER DIMENSIONING
KEY
① 3/4" = 1'-0"



TYP. EXTERIOR DECK BEAM TO PILE CONNECTION
⑤ 3/4" = 1'-0"



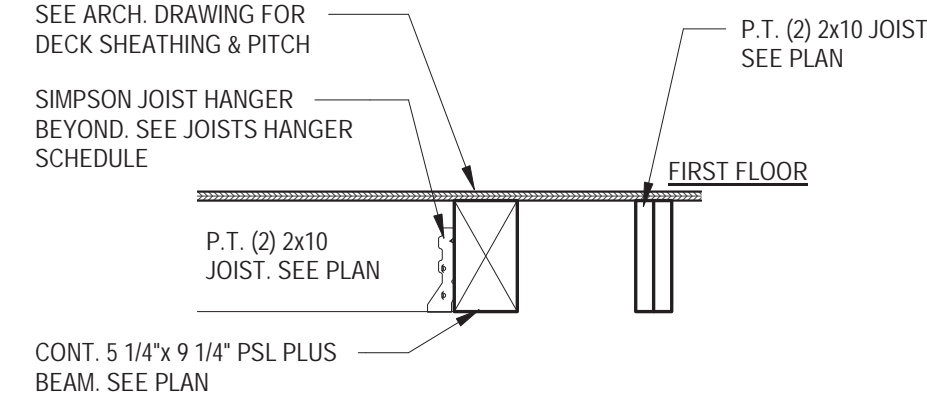
SECTION AT EXTERIOR RAMP & PLATFORM
⑨ 3/4" = 1'-0"



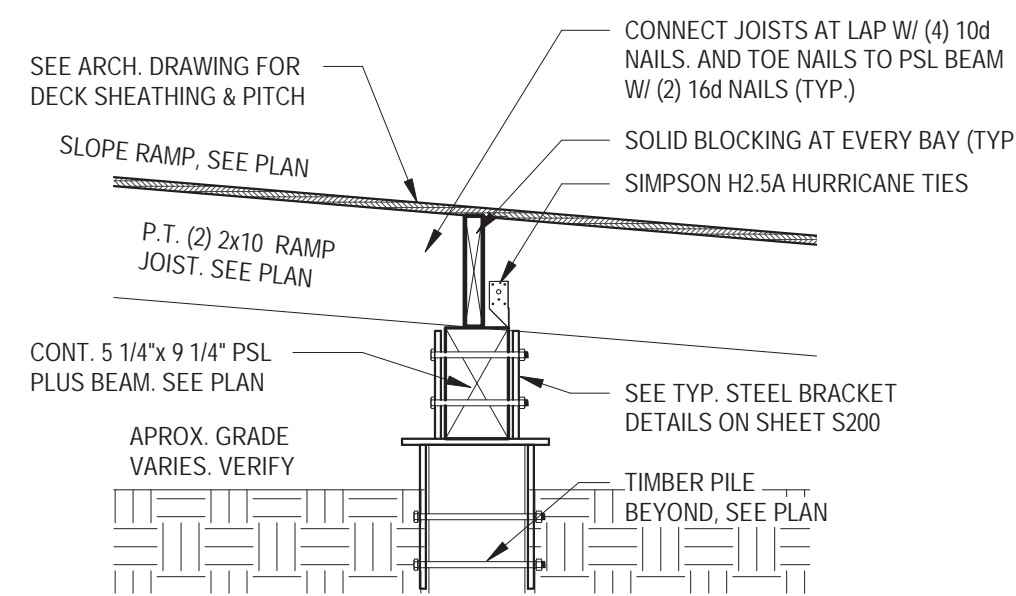
WIDE FLANGE SHEAR CONNECTION SCHEDULE							
BEAM SIZE	T PL (INCHES)	L PL (INCHES)	TW (INCHES)	n BOLTS	BOLT DIAMETER	BOLT DIAMETER	MAX. REACTION (KIPS)
W10X15	3/8	5 1/2	1/4	2	3/4	ASTM A325N	8
W10X22	3/8	5 1/2	1/4	2	3/4	ASTM A325N	15
W10X26	3/8	8 1/2	1/4	8	3/4	ASTM A325N	18
C10X15.3	3/8	5 1/2	1/4	2	3/4	ASTM A325N	1

NOTES:
1. FOR SHEAR CONNECTIONS AT MOMENT FRAME BEAM CONNECTIONS SEE TYPICAL MOMENT FRAME CONNECTION DETAILS.
2. SHEAR CONNECTIONS FOR BEAM TO HSS COLUMN SIMILAR TO BEAM TO COLUMN FLANGE CONNECTION.
3. ALL THE LOADS ARE FACTORED MAXIMUM LOAD (ASD).

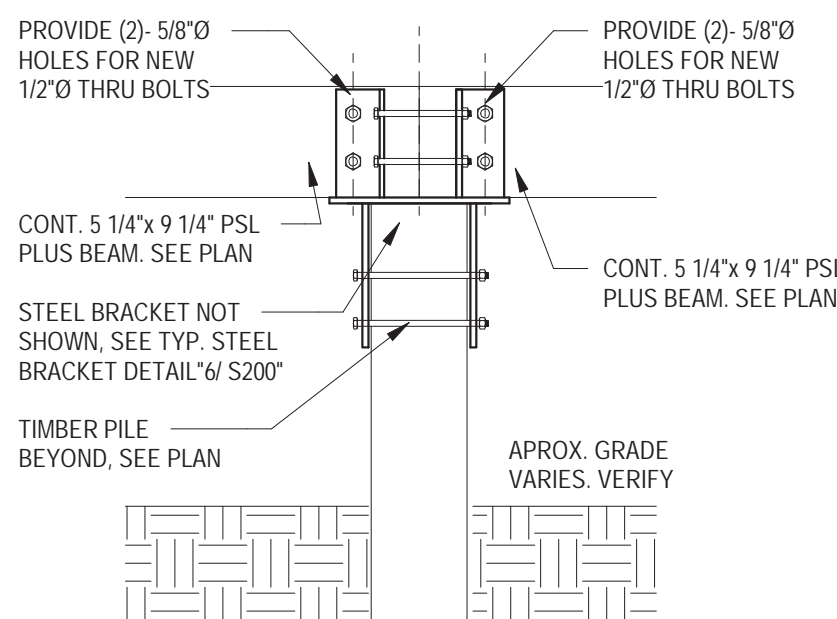
TYP. SHEAR CONNECTION AND SCHEDULE
② 1" = 1'-0"



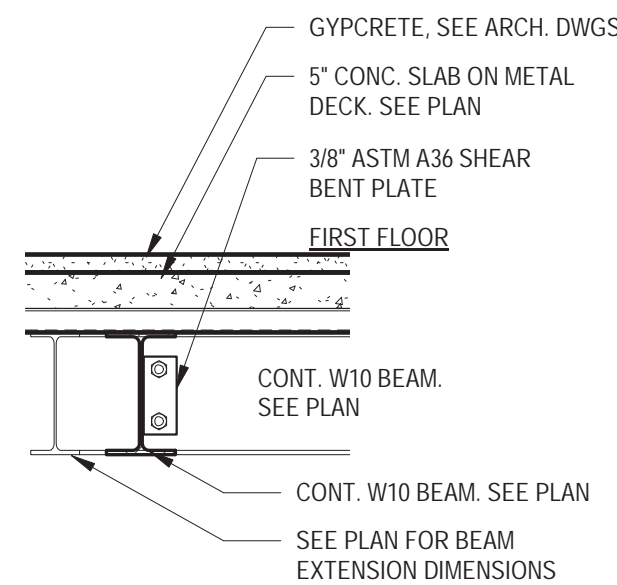
TYP. DECK JOISTS TO BEAM CONNECTION (2)
⑥ 3/4" = 1'-0"



TYP. RAMP JOISTS TO BEAM CONNECTION
⑦ 3/4" = 1'-0"



TYP. WOOD BEAM SPLICE DETAIL
⑩ 3/4" = 1'-0"



TYP. BEAM TO BEAM SECTION
⑪ 3/4" = 1'-0"

BEAM HANGER SCHEDULE				
MEMBER	HANGER	NAILS AND SCREWS		
		AT SUPPORT	AT JOIST	
5 1/4" X 9 1/4" PSL PLUS	HHUS5.50/10	(30) - 0.162" X 3 1/2"	(10) - 0.162" X 3 1/2"	

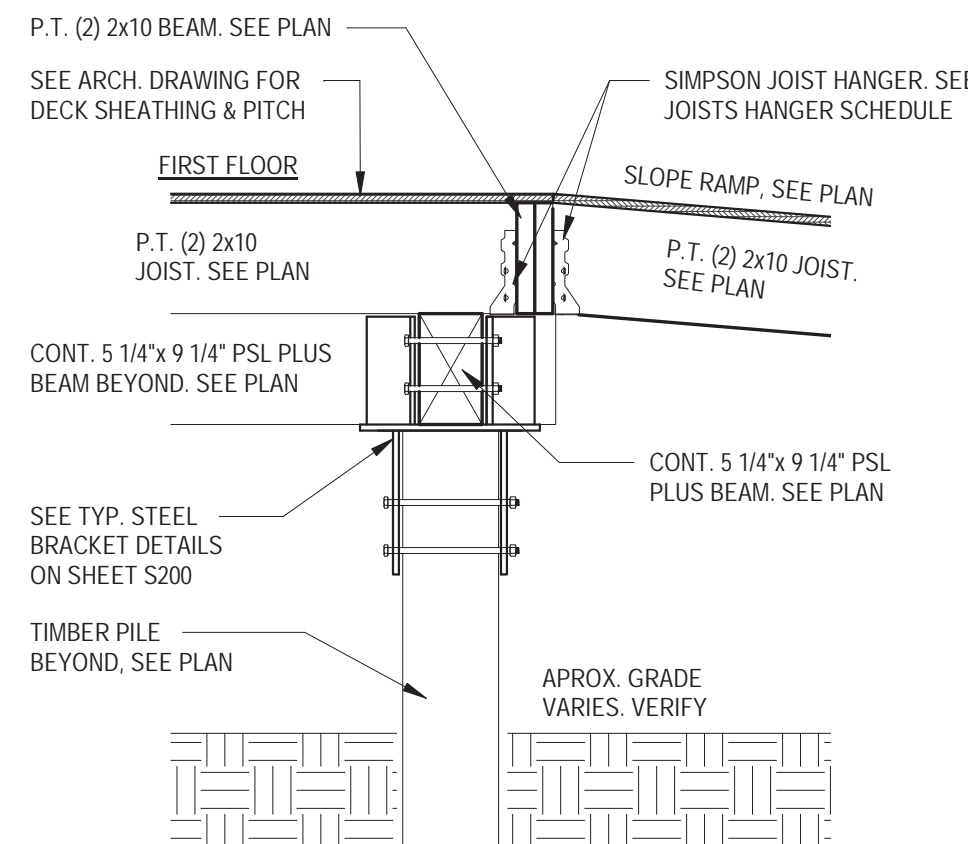
SCHEDULE NOTES:
1. MANUFACTURER = SIMPSON
2. NAILS SHOWN AT SUPPORT ASSUMES ADEQUATE SUPPORT MEMBER THICKNESS
3. ALL HANGERS ASSUME SPF LUMBER MEMBER THICKNESS
4. ALL HANGERS ASSUME PSL PLUS MEMBER

BEAM HANGER SCHEDULE AT BEAMS & LEDGERS SCHEDULE
③ 3/4" = 1'-0"

DIMENSIONAL LUMBER JOIST HANGER SCHEDULE AT BEAMS				
MEMBER	HANGER	NAILS		
		AT SUPPORT	AT JOIST	
SINGLE 2X6	LUS26	(4) - 0.148" X 3"	(4) - 0.148" X 3"	
SINGLE 2X8	LUS26	(4) - 0.148" X 3"	(4) - 0.148" X 3"	
SINGLE 2X10	LUS28	(6) - 0.148" X 3"	(4) - 0.148" X 3"	
SINGLE 2X12	LUS210	(8) - 0.148" X 3"	(4) - 0.148" X 3"	
DOUBLE 2X6	LUS26-2	(4) - 0.162" X 3 1/2"	(4) - 0.162" X 3 1/2"	
DOUBLE 2X8	LUS26-2	(4) - 0.162" X 3 1/2"	(4) - 0.162" X 3 1/2"	
DOUBLE 2X10	LUS210-2	(8) - 0.162" X 3 1/2"	(4) - 0.162" X 3 1/2"	
DOUBLE 2X12	LUS210-2	(8) - 0.162" X 3 1/2"	(6) - 0.162" X 3 1/2"	

SCHEDULE NOTES:
1. MANUFACTURER = SIMPSON
2. NAILS SHOWN AT SUPPORT ASSUMES ADEQUATE SUPPORT MEMBER THICKNESS
3. ALL HANGERS ASSUME SPF LUMBER
4. ALL HANGERS ARE BASED ON A LIVE LOAD OF 100 PSF AND A DEAD LOAD OF 15 PSF

DIMENSIONAL LUMBER JOIST HANGER SCHEDULE AT BEAMS & LEDGER
④ 3/4" = 1'-0"



NOTE:
1. INSTALL SIMPSON H2.5A HURRICANE TIE AT EA. JOIST AT BEAM CONNECTION

TYP. RAMP JOISTS TO BEAM CONNECTION (2)
⑧ 3/4" = 1'-0"


GIENAPP ARCHITECTS
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Newburyport Bank Flying
Horses Carousel
PROGRESS SET
7 BROADWAY - SALISBURY, MA

Plot Date: 10/26/2021 3:38:51 PM

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No.	Date	Description
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Project:	2107016
Drawn by:	RC
Check by:	TLH
Date:	10/26/21
Scale:	As indicated

DETAILS AND SECTIONS

S201

SCHEDULE

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Light Loss Factor	Wattage
	A	11	WE-EF USA	QLS420-131-9756	QLS420 LED, Wall Luminaires / Surface Mounted - 131-9756	0.9	42
	B-4'	1	Hydrel	4750L 4FT 500LMF 30K VOLTAGE WWD MOUNTING 12" XX FINISH	4750L Linear LED Flood 4FT 500LMF 30K WWD	0.9	20.98
	B-48'	1	Hydrel	4750LCR LOP 48FT 500LMF 30K VOLTAGE WWD MOUNTING 12" XX FINISH	4750LCR Continuous Linear LED Flood 48FT 1000LMF 30K WWD	0.45	495.12
	C	4	EcoSense Lighting	L50-E-48-08-30-80-MULT-120	Gray aluminum housing, white plastic reflector clear plastic lens enclosure	0.9	32
	D	8	LUMENPULSE	LCS2-120-48-RGBW30K-FR-XX-XX	LUMENCOVE	0.9	22
	E	38	KLIKSYSTEMS	LP0D40-30K-S-XX-XX	LP0D40-Dir-PCLens-W-SymRef-LP0D-350mA-3000K-0.025m-451797-A	0.9	1.4
	F	2	Juno Lighting	WF4 REG SWW5 90CRI MW	5CCT 4in Regressed Wafer_3000K	0.9	9



Type A



Type B



Type C



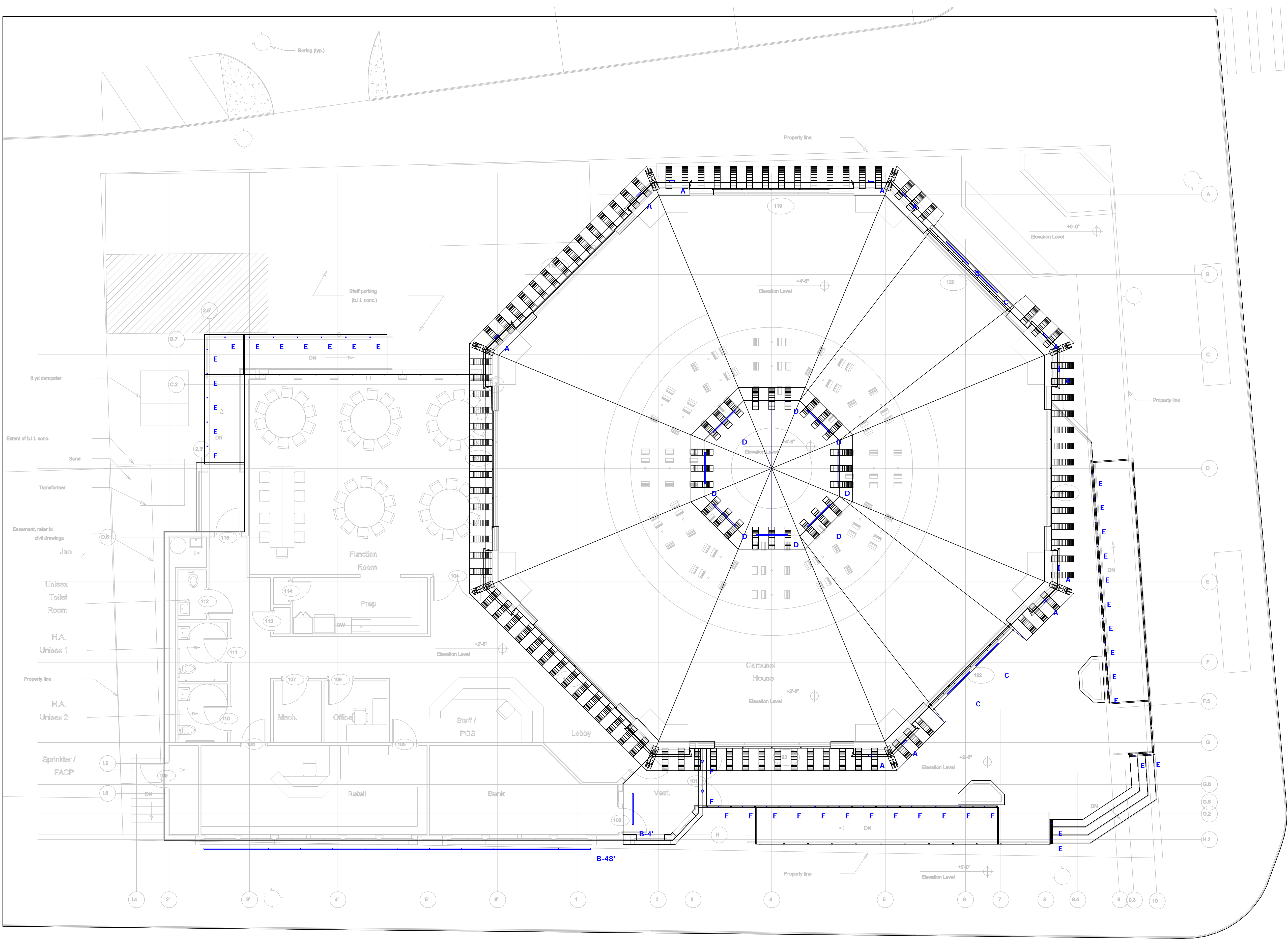
Type D



Type E



Type F



Plan View

Scale - 1" = 6ft



Side



Front

DISCLAIMER:

-THESE DRAWINGS ARE FOR CONCEPTUAL PURPOSES ONLY AND ARE NOT INTENDED FOR CONSTRUCTION. VALUES REPRESENTED ARE AN APPROXIMATION GENERATED FROM MANUFACTURERS PHOTOMETRIC IN-HOUSE OR INDEPENDANT LAB TEST WITH DATA SUPPLIED BY LAMP MANUFACTURERS.

NOTES:

-REFLECTANCES ASSUMED:
GROUND: 20







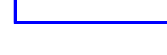
- TASK HEIGHT: AFG

- CALCULATION POINT SPACING: 2'X2' OC













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SCHEDULE

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	B-48'	1	Hydrel	4750LCR LOP 48FT 500LMF 30K VOLTAGE WWD MOUNTING 12" XX FINISH	4750LCR Continuous Linear LED Flood 48FT 1000LMF 30K WWD	0.45	495.12
	C	4	EcoSense Lighting	L50-E-48-08-30-80-MULT-120	Gray aluminum housing, white plastic reflector clear plastic lens enclosure	0.9	32
	D	8	LUMENPULSE	LCS2-120-48-RGBW30K-FR-XX-XX	LUMENCOVE	0.9	22
	E	38	KLIKSYSTEMS	LPOD40-30K-S-XX-XX	LPOD40-Dir-PCLens-W-SymRef-LPOD-350mA-3000K-0.025m-451797-A	0.9	1.4
	F	2	Juno Lighting	WF4 REG SWW5 90CRI MW	5CCT 4in Regressed Wafer _ 3000K	0.9	9

STATISTICS

DESCRIPTION	SYMBOL	AVG.	MAX	MIN.	MAX/MIN	AVG/MIN
Back Ramp		3.2 fc	5.9 fc	0.2 fc	29.5:1	16.0:1
Back Ramp		2.7 fc	4.7 fc	0.0 fc	N/A	N/A
Back Ramp		5.3 fc	6.1 fc	4.0 fc	1.5:1	1.3:1
Back Ramp		0.1 fc	0.5 fc	0.0 fc	N/A	N/A
Boundary		0.0 fc	0.6 fc	0.0 fc	N/A	N/A
Deck		5.2 fc	69.3 fc	0.0 fc	N/A	N/A
Property		0.7 fc	19.8 fc	0.0 fc	N/A	N/A
Ramp		3.5 fc	5.3 fc	0.6 fc	8.8:1	5.8:1
Ramp		2.9 fc	7.5 fc	0.0 fc	N/A	N/A
Stair		4.1 fc	13.7 fc	0.0 fc	N/A	N/A
Stair		0.6 fc	3.2 fc	0.0 fc	N/A	N/A
Stair		3.9 fc	15.0 fc	0.0 fc	N/A	N/A

Plan View
Scale - 1" = 8ft