



LIBURDI AUTOMATION INC.

PROPOSED MANUFACTURING ADDITION

DRAWING LIST		
DISCIPLINE	DRAWING No.	DRAWING TITLE
ARCHITECTURAL	A0.0	COVER PAGE
	A1.0	SITE PLAN
	A2.0	OVERALL FLOOR PLAN
	A2.1	ENLARGED FLOOR PLAN
	A2.2	ENLARGED FLOOR PLAN
	A2.3	ROOF PLAN
	A2.4	WASHROOM PLANS & DETAILS
	A2.5	REFLECTED CEILING PLAN
	A3.0	ELEVATIONS
	A3.1	CROSS SECTIONS
	A4.0	SECTIONS
	A4.1	SECTIONS
	A4.2	SECTIONS
	A5.0	STAIR DETAILS
	A6.0	DOOR SCHEDULE
STRUCTURAL	S0.0	LOADING SUMMARY & GENERAL NOTES
	S1.0	FOUNDATION PLAN
	S2.0	FOUNDATION SECTIONS & DETAILS
	S2.1	FOUNDATION SECTION & GRADE BEAM
	S2.2	FOUNDATION DETAILS
	S3.0	ROOF FRAMING PLAN
	S3.1	MEZZANINE FLOOR FRAMING PLAN
	S3.2	CRANE RUNWAY FRAMING
	S4.0	DETAILS
CIVIL	C1.1	EXISTING CONDITIONS & REMOVALS PLAN
	C2.0	OVERALL PLAN
	C2.1	EROSION & SEDIMENT CONTRL PLAN
	C2.2	SITE GRADING PLAN-1
	C2.3	SITE GRADING PLAN-2
	C2.4	SITE SERVICING PLAN-1
	C2.5	SITE SERVICING PLAN-2
ELECTRICAL	E0.00	ELECTRICAL GENERAL NOTES, DRAWING LIST, LEGEND AND SCHEDULES
	E0.50	ELECTRICAL SPECIFICATION
	E1.00	OVERALL SITE PLAN
	E2.00	GROUND FLOOR PROPOSED POWER LAYOUT
	E2.02	ELECTRICAL NEW LIGHTING GROUND FLOOR
	E3.00	MEZZANINE PROPOSED LAYOUTS
	E4.00	ELECTRICAL FIRE ALARMS GROUND FLOOR
	E5.00	SINGLE LINE DIAGRAM
	E6.00	DETAILS
MECHANICAL	M0.01	SITE PLAN AND LEGENDS
	M0.02	SCHEDULES
	M0.03	SCHEDULES
	M1.01	EXISTING BUILDING DRAINAGE
	M1.02	EXISTING BUILDING GROUND FLOOR HVAC
	M1.03	EXISTING BUILDING ROOF PLAN
	M1.04	NEW ADDITION PLUMBING & DRAINAGE
	M1.05	NEW ADDITION HVAC
	M1.06	NEW ADDITION ROOF PLAN
	M1.07	COMPRESSED AIR ARGON GAS PLAN
	M3.01	MECHANICAL DETAILS
	M3.02	MECHANICAL DETAILS
	P1.01	PLUMBING AND DRAINAGE PLANS
LANDSCAPE	L1	PLANTING PLAN
	L2	DETAILS

2	26/09/22	ISSUED FOR TENDER
1	26/08/20	ISSUED FOR PERMIT/TENDER
No.	DATE	REVISION
REVISIONS		
300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119		
LIBURDI AUTOMATION INC. PROPOSED MANUFACTURING ADDITION		
45 INNOVATION DRIVE		
DUNDAS ONTARIO		
COVER PAGE		
DATE JANUARY, 2026	DRAWN BY AL	DRAWING No. A0.0
PROJECT No. 18188	CHECKED BY HAPH	

PLOT DATE: 2026/09/22 5:16 PM

- NOTES
- All work involved in the construction, relocation, repair of municipal services for the project shall be to the satisfaction of the Director of Planning and Chief Planner Planning and Economic Development Department.
 - Fire Route Signs and 3-Way Fire Hydrants shall be established to the satisfaction of the City Fire Department and at the expense of the owner.
 - Main driveway dimensions at the property line boundaries are plus or minus 7.5 m unless otherwise stated.
 - All driveways from property lines for the first 7.5 m shall be within 5% maximum grade, thereafter, all driveways shall be within 10% maximum grades.
 - The approval of this plan does not exempt the owner's bonded contractor from the requirements to obtain the various permits/approvals normally required to complete construction project, such as, but not limited to the following:
 - Building Permit
 - Sewer and Water Permits
 - Road Cut Permits
 - Relocation of Services
 - Approach Approval Permits
 - Encroachment Agreements (if required)
 - Committee of Adjustment - Sign Permits
 - Abandoned accesses must be removed and the curb and boulevard restored with sod at the owner's expense to the satisfaction of the Corridor Management Section, PublicWorks Department.
 - For visibility triangles at the vehicular access points, the following note to be provided: "5.0, metre by 5.0, metre visibility triangles with the maximum height of any objects or mature vegetation is not to exceed a height of 0.60 metres above the corresponding perpendicular centreline elevation of the adjacent street."
 - Signage is not approved through the Site Plan Process.
 - All signs must comply with Hamilton Sign Bylaw No. 10-197.
 - Lighting must be directed on site and must not spill over to adjacent properties or street.
 - CALL BEFORE YOU DIG, arrange for underground hydro cable locate(s) and gaspipelines before beginning construction by contacting Ontario One Call at 1-800-400-2255.
 - Acknowledgement Note:** The subject property has been determined to be an area of archaeological potential. It is reasonable to expect that archaeological resources may be encountered during any demolition, grading, construction activities, landscaping/staging, stockpiling or other soil disturbance. If archaeological resources are encountered, the proponent may be required to conduct an archaeological assessment to further impact in order to address these concerns and mitigate, through preservation or resource removal and documentation, adverse impacts to any significant archaeological resources found. Mitigation, by an Ontario-licensed archaeologist, may include the monitoring of any mechanical excavation arising from this project. If archaeological resources are identified on-site, further Stage 3 Site-specific Assessment and Stage 4 Mitigation of Development Impacts may be required as determined by the Ontario Ministry of Citizenship and Multiculturalism (MCM). Archaeological reports shall be submitted to the City of Hamilton for approval concurrent with their submission to the MCM. Should deeply buried archaeological materials be found on the property during any off-site above development activities the MCM should be notified immediately (416-212-8886). In the event that human remains are encountered during construction, the proponent should immediately contact both MCM and the Registrar or Deputy Registrar the Cemeteries Regulation Unit of the Ministry of Government and Consumer.

UNDERTAKING

RE: 45 Innovation Drive, Flamborough FILE No. SPC-2026-00929

I, (We) _____, the owner(s) of the land, hereby undertake and agree without reservation,

(a) to comply with all the content of this plan and drawing and not to vary therefrom.

(b) to perform the facilities, works or matters mentioned in Section 41(7)(a) of the Planning Act shown on this plan and drawing(s) in accordance with the conditions of approval as set out in the Letter of Approval dated _____.

(c) to maintain to the satisfaction of the City and at my (our) sole risk and expense, all of the facilities, works or matters mentioned in Section 41(7)(b) of the said Act, shown in this plan and drawing, including removal of snow from access ramps and driveways, parking and loading areas and walkways; and, in the event that the Owner does not comply with the plan dated _____, the owner agrees that the City may enter the land and do the required works, and further the Owner authorizes the City to use the security filed to obtain compliance with this plan.

(d) The Owner agrees that should any conflict arise with existing Bell Canada facilities where a current and valid easement exists within the subject area, the Owner shall be responsible for the relocation of any such facilities or easements at their own cost.

(e) It shall be noted that it is the responsibility of the Owner to provide entrance/service duct(s) from Bell Canada's existing network infrastructure to service this development. In the event that no such network infrastructure exists, in accordance with the Bell Canada Act, the Owner may be required to pay for the extension of such network infrastructure. If the Owner elects not to pay for the above noted connection, Bell Canada may decide not to provide service to this development.

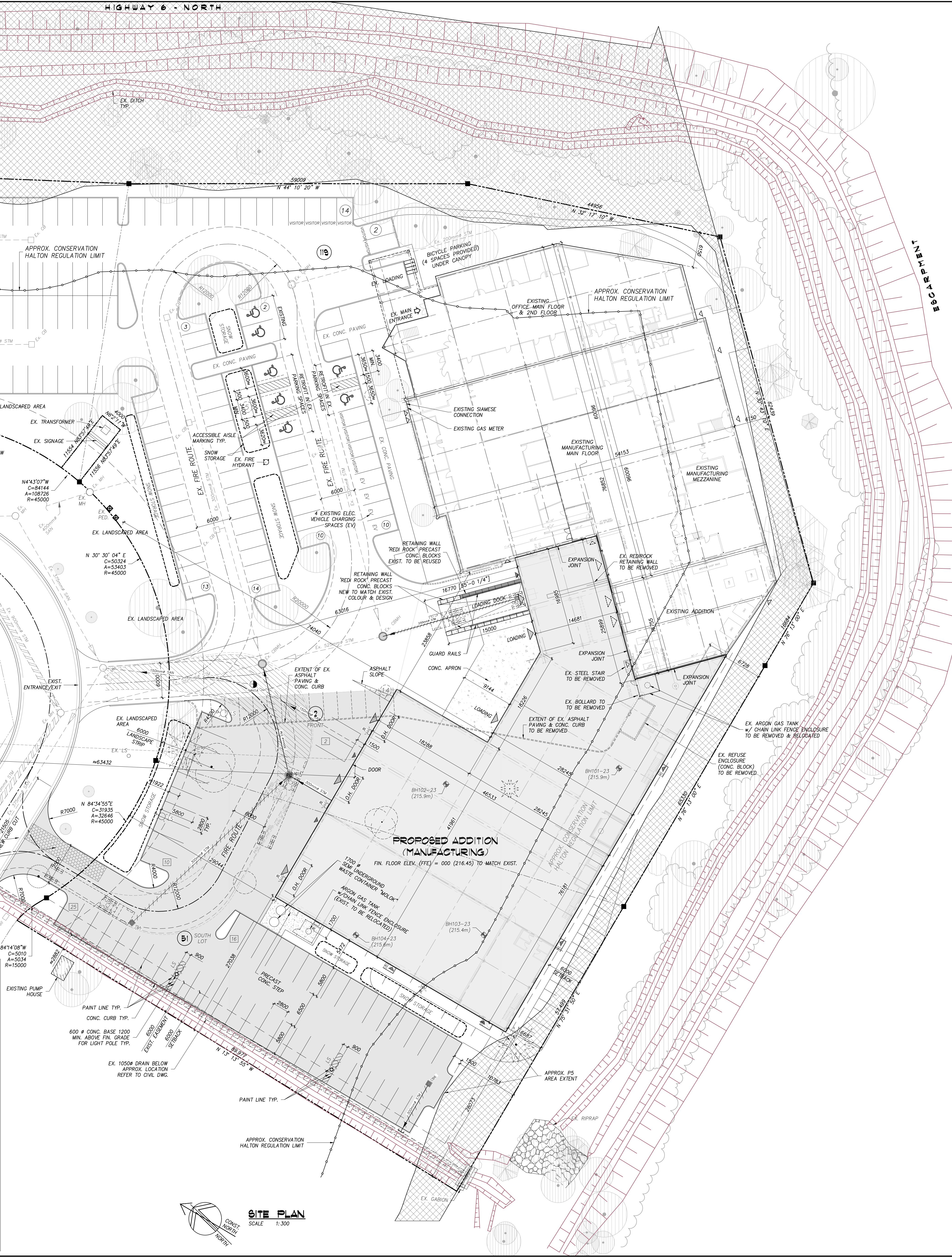
Dated this _____ day of _____, 20____

Witness (signature) _____ Owner(s) (signature) _____ (seal)

Witness (print) _____ Owner (print) _____

Address of Witness _____

1 Section 26 Revised March 11, 2004



OWNER:
LIBURDI TURNER SERVICES INC.
400 HIGHWAY 6 NORTH
DUNDAS, ONTARIO
L9H 7H4
TEL : (905) 689-0734

MUNICIPAL ADDRESS:
45 INNOVATION DR
HAMILTON, ONTARIO, ON
L9H 7J8
TEL : (905) 689-0734

ZONING DESIGNATION:
M3 - PRESTIGE BUSINESS PARK (BY-LAW 05-200)
SECTION 9.3

SITE INFORMATION :
PLAN OF SURVEY OF
PART OF LOTS 25 AND 26
CONVEYED IN THE
CITY OF HAMILTON
(FORMERLY TOWN OF FLAMBOROUGH)

SITE STATISTICS:

SITE AREA	20138 sm	216771 sf	4.97 acre	2.01 ha
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BUILDING AREAS:

EXISTING BUILDING	±3,346 sm	±36,017 sf	17%
PROPOSED ADDITION	±3,147 sm	±33,875 sf	16%
TOTAL	±6,771 sm	±72,885 sf	33%

LANDSCAPE AREA ±4134 sm ±44,500 sf 21%

ASPHALT AREA ±8885 sm ±95,640 sf 44%

CONCRETE & CURBS ±348 sm ±3746 sf 2%

ZONING REGULATIONS

	REQUIRED	PROVIDED	REMARKS
MINIMUM LOT AREA	4000 m ²	20138 m ²	
GROSS FLOOR AREA FOR OFFICE USE MAXIMUM	3000 m ²	1716 m ²	
LANDSCAPE AREA - MINIMUM WIDTH ABUTTING A STREET	6.0 m	6.0 m	PARKING EXTENDS INTO LANDSCAPE AREA AT CERTAIN LOCATIONS. THE ENCROACHMENT IS MINIMAL AND DOES NOT SIGNIFICANTLY IMPACT THE OVERALL COMPLIANCE WITH THE ZONING REQUIREMENTS.
PLANTING STRIP - MINIMUM WIDTH BETWEEN PARKING SPACES, AISLES OR DRIVEWAYS AND A STREET	3.0 m	3.0 m	WILL BE PROVIDED WITHIN 6.0 m LANDSCAPE AREA.

FLOOR AREAS :

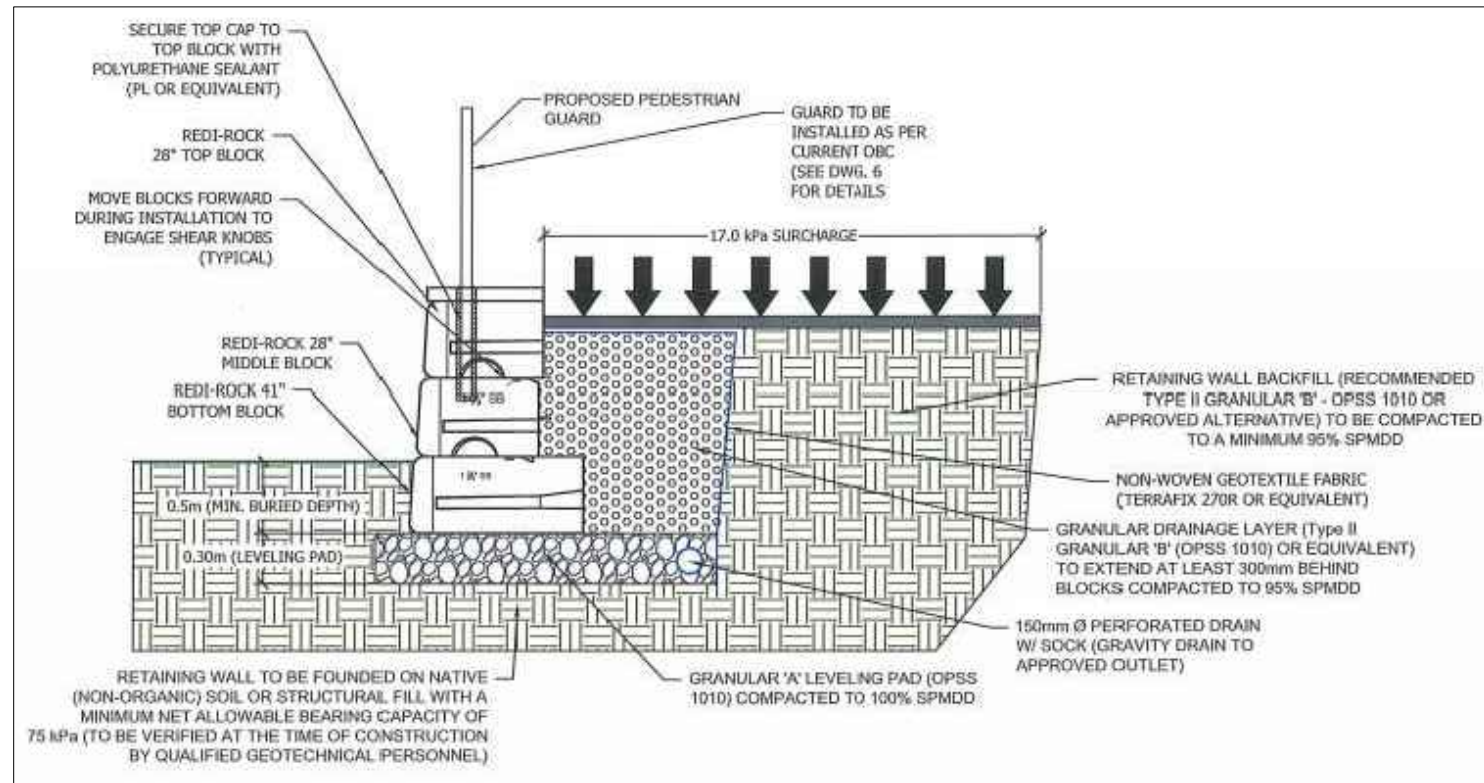
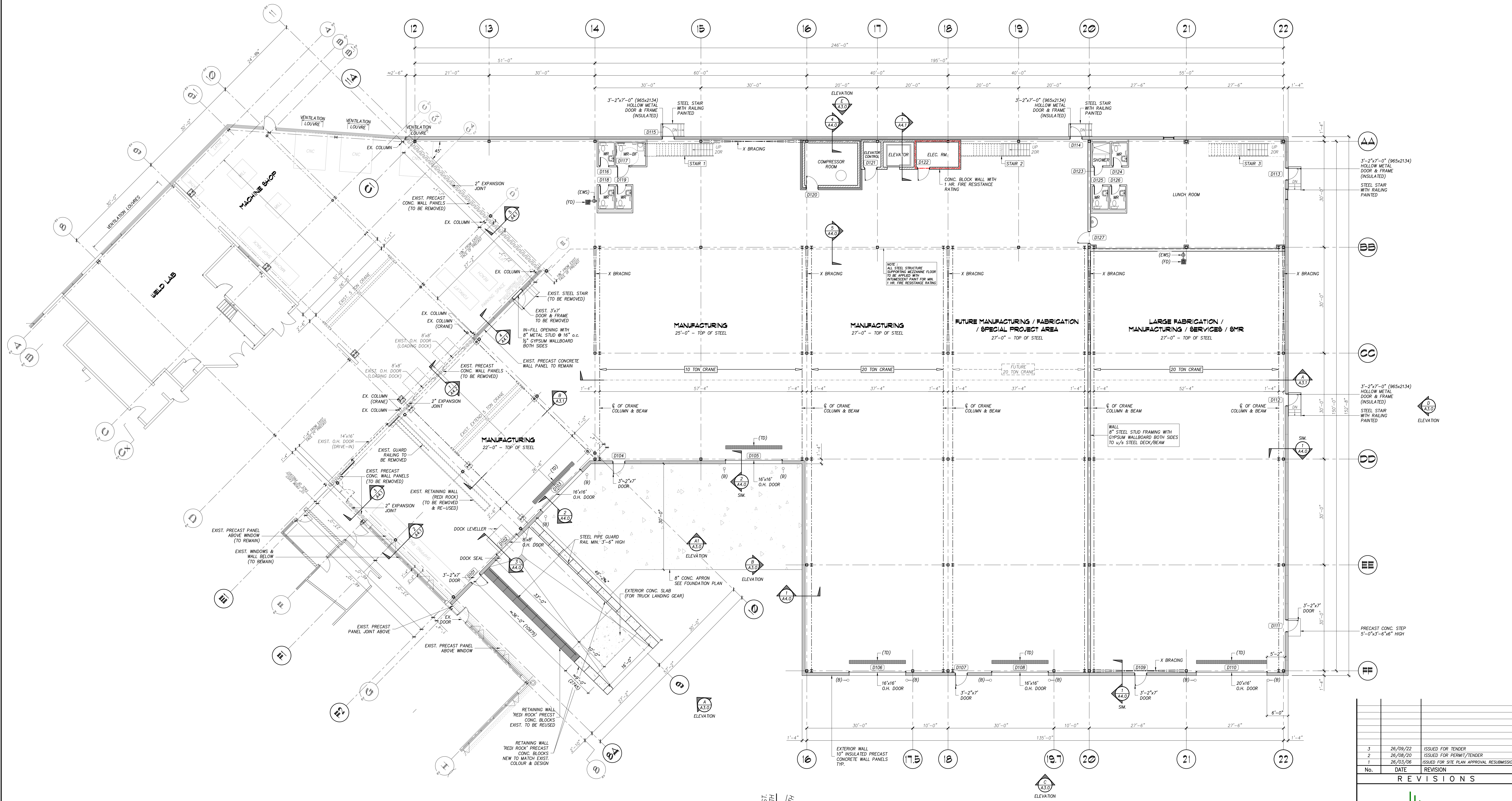
EXISTING :			
EX. OFFICE GROUND FLOOR	9,237 sf	858 sm	
EX. OFFICE SECOND FLOOR	9,237 sf	858 sm	
EX. MANUFACTURING AREA	20,924 sf	1,944 sm	
EX. ADDITION	4,461 sf	414 sm	
EX. MANUFACTURING MEZZANINE	4,528 sf	421 sm	
EX. GROSS FLOOR AREA	48,387 sf	4,495 sm	
PROPOSED ADDITION :			
GROUND LEVEL	31,605 sf	2,938 sm	
MEZZANINE LEVEL	2,294 sf	213 sm	
ADDITION GROSS FLOOR AREA	38,899 sf	3,614 sm	
TOTAL GROSS FLOOR AREA (EXISTING + ADDITION)	87,286 sf	8,109 sm	
PARKING REQUIRED :			
REF. SECTION 5 - v. INDUSTRIAL USES			
MANUFACTURING - 1 FOR EACH 300 sqm OF GROSS FLOOR AREA WHICH ACCOMMODATES THE OFFICE COMPONENT OF THE USE, PLUS 1 FOR EACH 200 sqm OF GROSS FLOOR AREA WHICH ACCOMMODATES THE REMAINDER OF THE USE.			
EXISTING OFFICE AREAS	58 SPACES	(1716 sm / 30)	
EXISTING MANUFACTURING	14 SPACES	(2779 sm / 200)	
	72 SPACES		
PROPOSED ADDITION	18 SPACES	(3614 sm / 200)	
TOTAL REQUIRED	90 SPACES		
NOTE: CURRENT EXISTING PARKING SPACES = 145			

LEGEND:

- EXISTING
- PROPOSED
- ACCESS/EXIT DOOR
- PROPOSED ACCESS/EXIT DOOR
- PROPOSED OVERHEAD DOOR LOCATION
- EX. ACCESS/EXIT DOOR
- EX. OVERHEAD DOOR
- PROPERTY LINE
- NEW ASPHALT PAVING
- FIRE ROUTE
- EXIST. TREE TO BE REMOVED
- EXIST. TREE TO BE REMOVED
- LIGHT STANDARD
- WALL LIGHTING
- APPROX. CONSERVATION HALTON REGULATION LIMIT

- SITE PLAN NOTES :**
- CIVIL INFORMATION SHOWN ON THIS DRAWING ARE FOR CO-ORDINATION REFERENCE PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR LATEST INFORMATION.
 - LANDSCAPE INFORMATION SHOWN ON THIS DRAWING ARE FOR CO-ORDINATION REFERENCE PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR LATEST INFORMATION.
 - ELECTRICAL SITE LIGHTING SHOWN ON THIS DRAWING ARE FOR CO-ORDINATION REFERENCE PURPOSES ONLY. REFER TO ELECTRICAL DRAWINGS FOR LATEST INFORMATION.
 - SITE PLAN INFORMATION TAKEN FROM DRAWING BY KARP WANDAW WANDAW ARCHITECT INC., BURLINGTON, ONTARIO JOB No. 9444, A1, NOV. 1994.

9	26/09/22	ISSUED FOR TENDER
8	26/09/14	UPDATE - CONSERVATION HALTON REGULATION LIMIT
7	26/08/20	ISSUED FOR PERMIT/TENDER
6	26/08/13	RE-ISSUED FOR SITE PLAN APPROVAL
5	26/06/30	UPDATED PER SITE PLAN APPROVAL COMMENTS
4	26/05/12	ISSUED FOR BLDG. DIMENSIONS, EXIST. SETBACKS
3	26/03/06	ISSUED FOR SITE PLAN APPROVAL RESUBMISSION
2	25/09/25	ISSUED FOR SITE PLAN APPROVAL
1	25/08/28	ISSUED FOR ZONING COMPLIANCE
No.	DATE	REVISION
REVISIONS		
KALOS ENGINEERING		
300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119		
LIBURDI AUTOMATION INC. PROPOSED MANUFACTURING ADDITION		
45 INNOVATION DRIVE		
DUNDAS ONTARIO		
SITE PLAN		
DATE	DRAWN BY	DRAWING No.
JANUARY, 2026	AL	
PROJECT No.	CHECKED BY	A1.0
18188	HAPH	



SECTION THRU REDI ROCK RETAINING WALL

CONSTRUCTION SEQUENCE NOTES

- IN ORDER TO MAINTAIN OPERATIONS AT THIS FACILITY, THE FOLLOWING WORK SEQUENCES IS TO BE IMPLEMENTED, IN COORDINATION WITH THE OWNER
1. ALL REMOVALS AS SHOWN, INCLUDING EXISTING RAMP.
 2. EXCAVATE, CAST FOOTING AND PIERS AND BACKFILL FOR COLUMNS AT GL 9E1, 10E1, 11E1, 5, FT, 10F1, 9F2, 10F2, 14D0 AND FOOTINGS ON GL F2 AND DD.
 3. CONSTRUCTION SOUTH RETAINING WALL OF NEW RAMP.
 4. BACKFILL ALL AND INFILL FORMER RAMP.
 5. PLACE GRANULAR MINI RAMP AT DOOR D102 TO PROVIDE ACCESS TO OWNER.
 6. COMPLETE BALANCE OF REMOVAL EAST OF ITEMS 1-5.
 6. COMPLETE BALANCE OF FOOTINGS, PIERS AND BACKFILL FOR ITEMS EAST OF ITEMS 1-5.
 7. COORDINATE STRUCTURAL STEEL AND ROOF INSTALLATION SIMILARLY WITH OWNER DELIVERIES.

ENLARGED GROUND FLOOR PLAN

SCALE 1/8"=1'-0"

LEGEND

- (B) 8" x STEEL PIPE
CONC. FILLED BOLLARD
4'-0" HIGH, PAINTED
SEE DETAIL S2.0
- (CB) CATCH BASIN
- (EWS) EYE WASH STATION
- (FD) FLOOR DRAIN
- (TD) TRENCH DRAIN

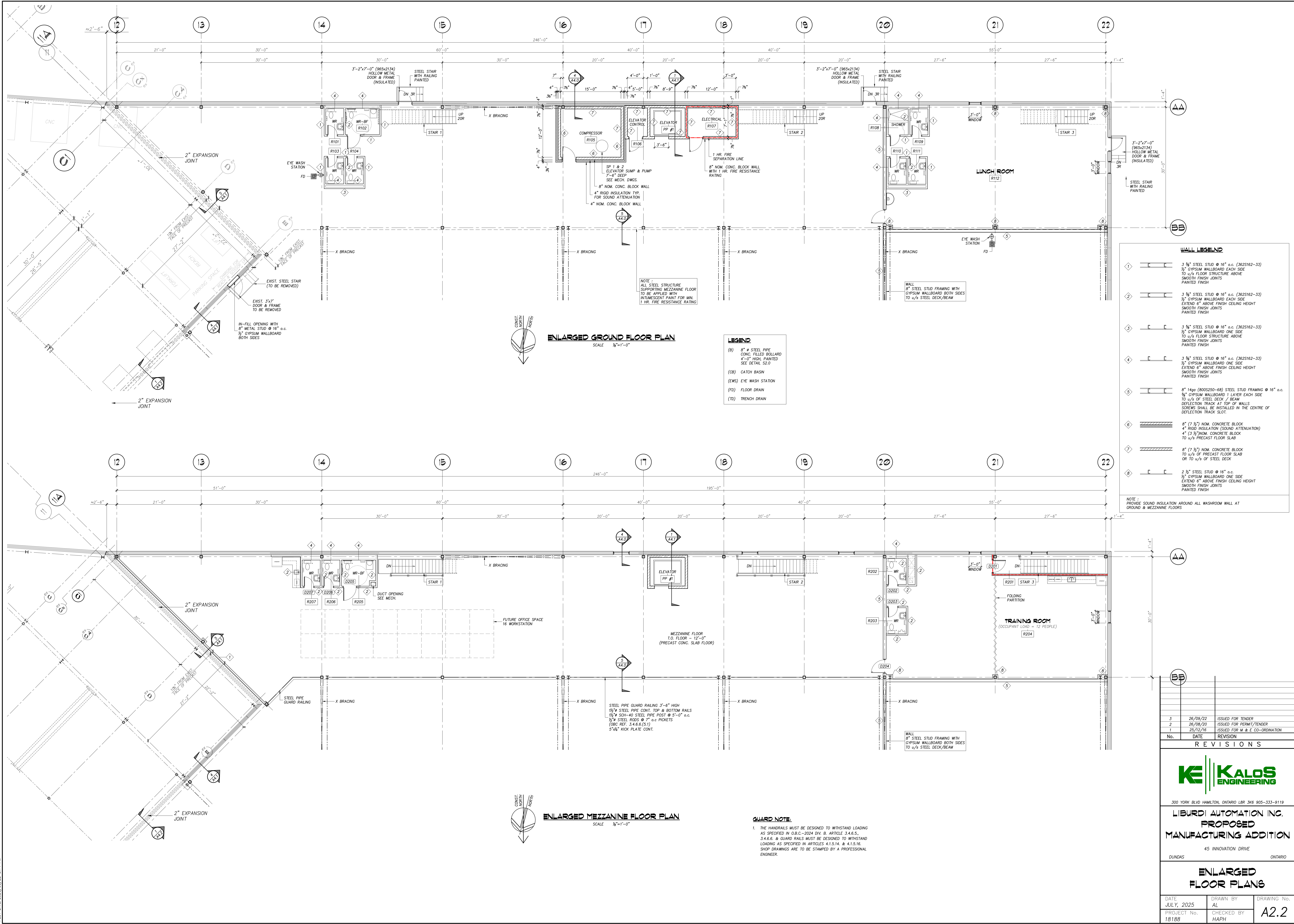
REVISIONS		
No.	DATE	REVISION
3	26/09/22	ISSUED FOR TENDER
2	26/08/20	ISSUED FOR PERMIT/TENDER
1	26/03/06	ISSUED FOR SITE PLAN APPROVAL RESUBMISSION



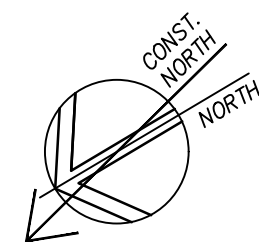
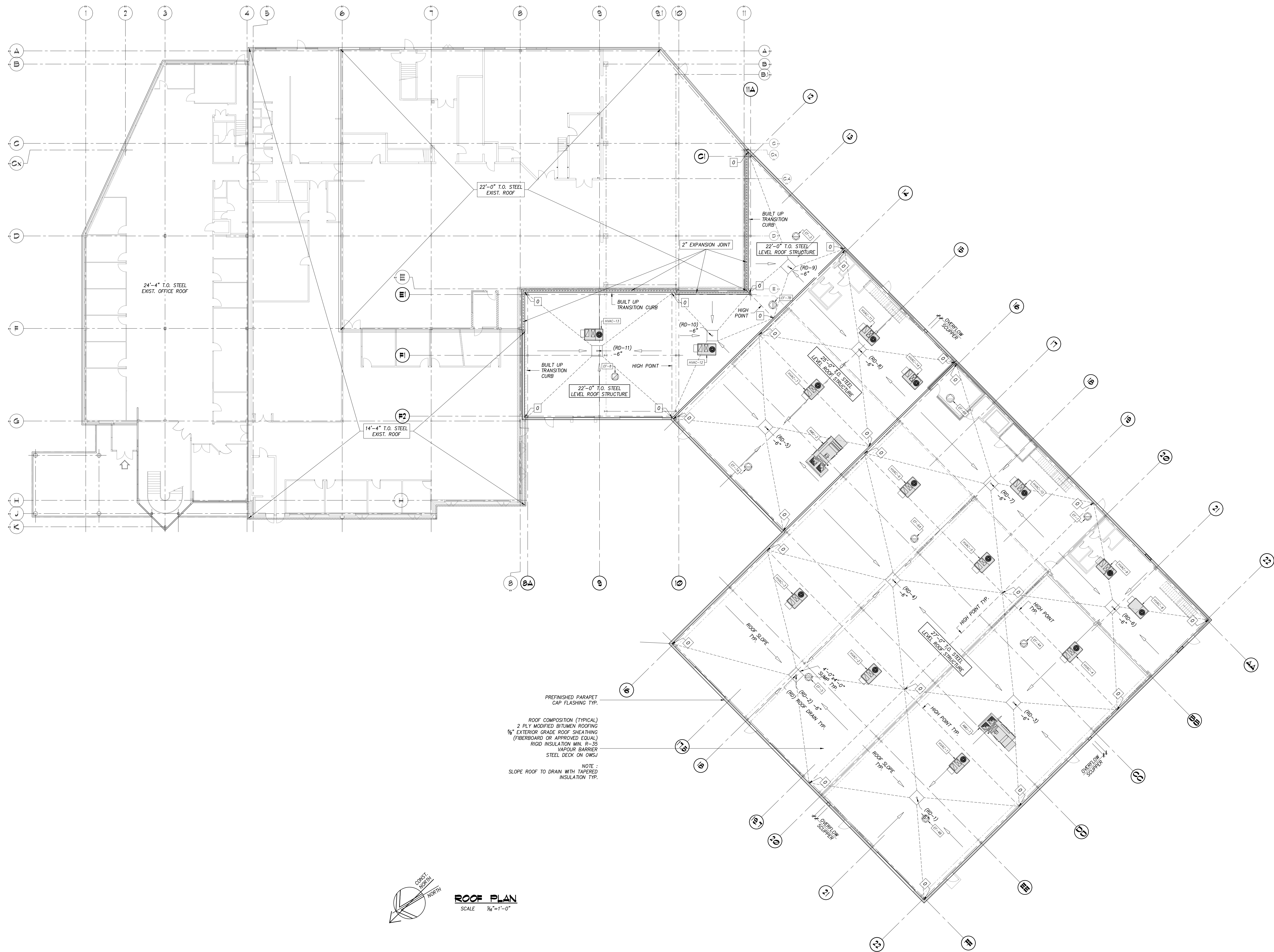
LIBURDI AUTOMATION INC.
**PROPOSED
MANUFACTURING ADDITION**
45 INNOVATION DRIVE
DUNDAS ONTARIO

ENLARGED FLOOR PLAN

DATE JULY, 2025	DRAWN BY AL	DRAWING No. A2.1
PROJECT No. 18188	CHECKED BY HAPH	



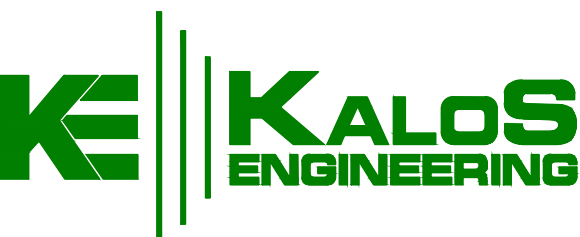
No.	DATE	REVISION
3	26/09/22	ISSUED FOR TENDER
2	26/09/20	ISSUED FOR PERMIT/TENDER
1	25/12/16	ISSUED FOR M & E CO-ORDINATION
REVISIONS		
KALOS ENGINEERING		
300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119		
LIBURDI AUTOMATION INC. PROPOSED MANUFACTURING ADDITION		
45 INNOVATION DRIVE DUNDAS ONTARIO		
ENLARGED FLOOR PLANS		
DATE JULY, 2025	DRAWN BY AL	DRAWING No. A2.2
PROJECT No. 18188	CHECKED BY HAPH	



ROOF PLAN
SCALE 1/8"=1'-0"

2	26/09/22	ISSUED FOR TENDER
1	26/08/20	ISSUED FOR PERMIT/TENDER
No.	DATE	REVISION

REVISIONS



300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119

LIBURDI AUTOMATION INC.
PROPOSED
MANUFACTURING ADDITION

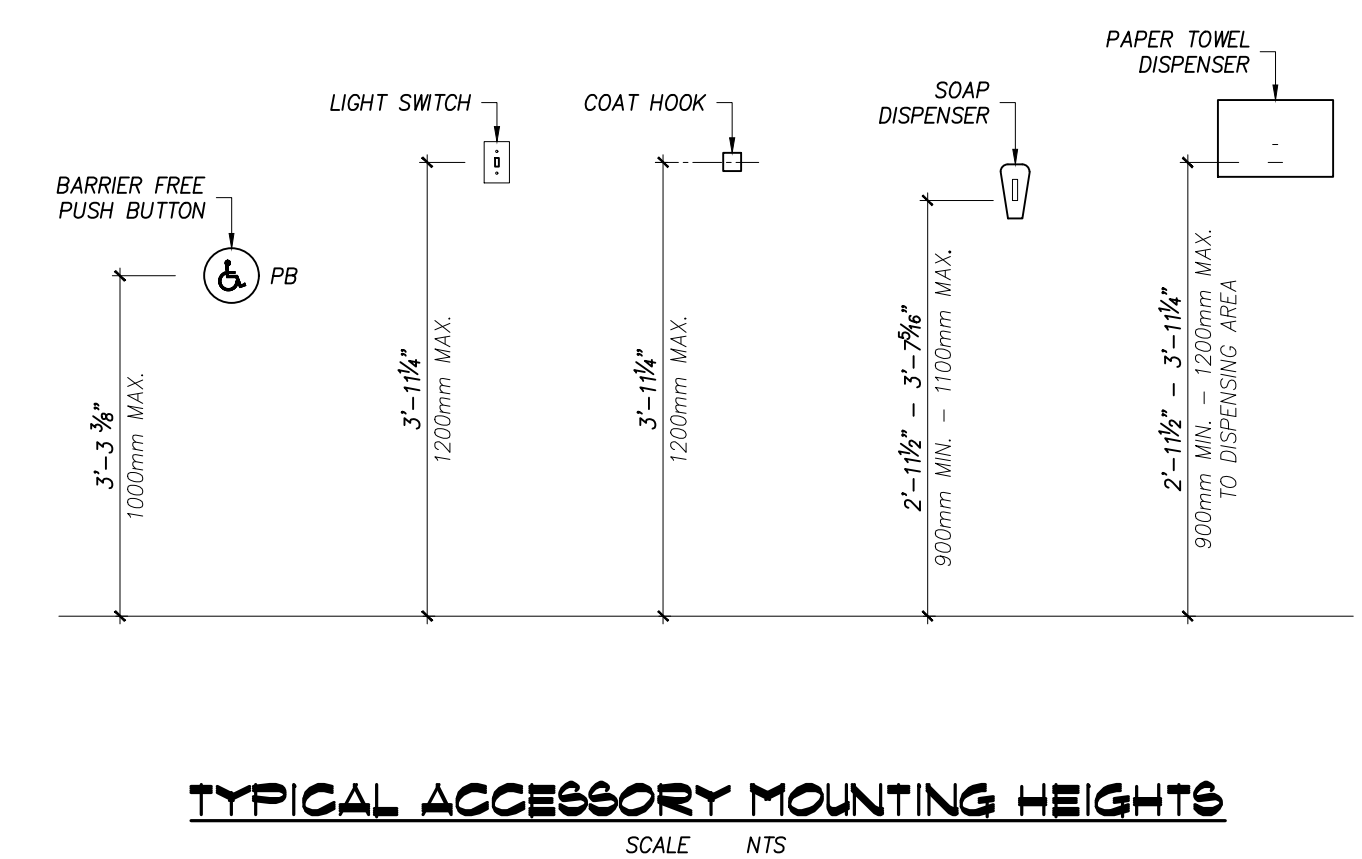
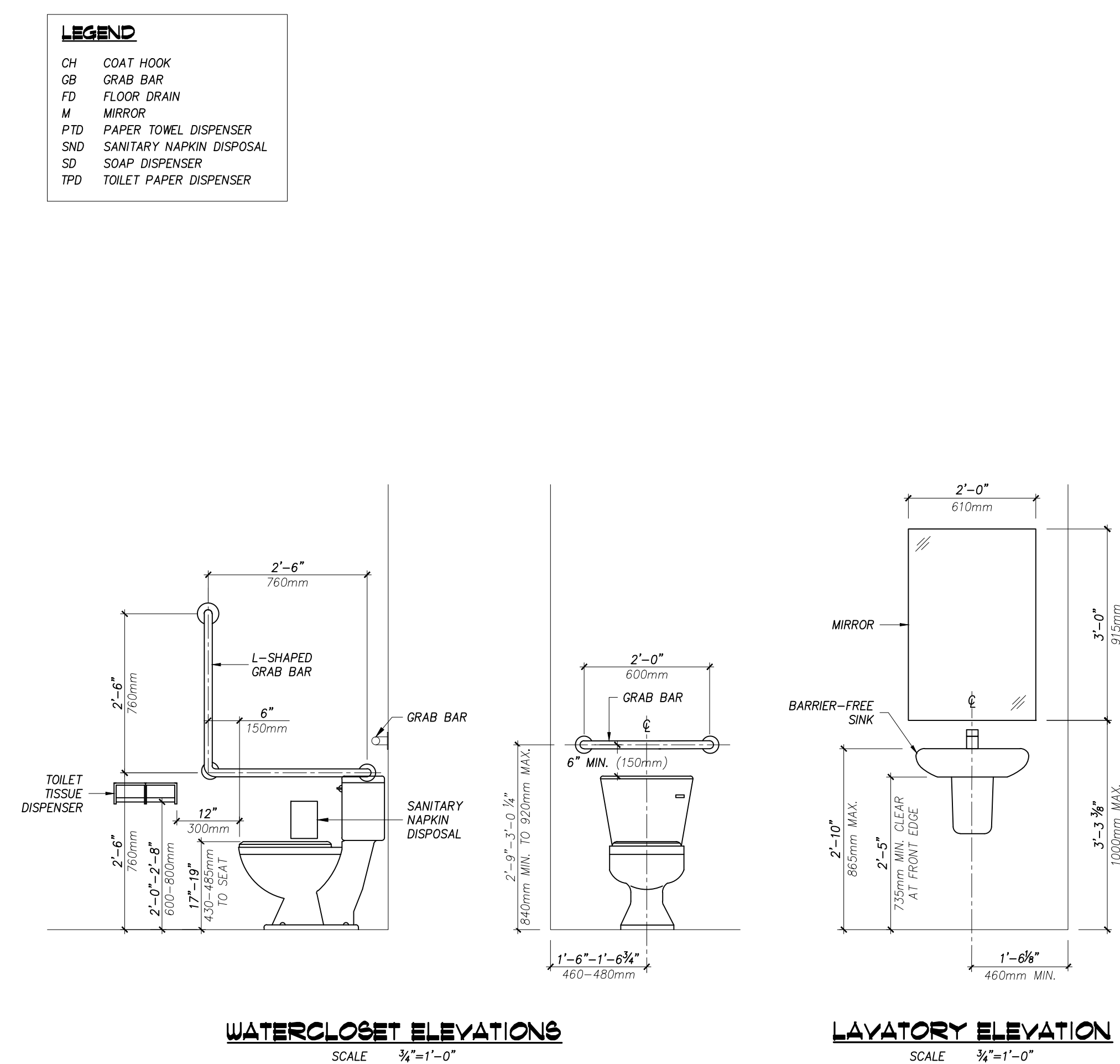
45 INNOVATION DRIVE

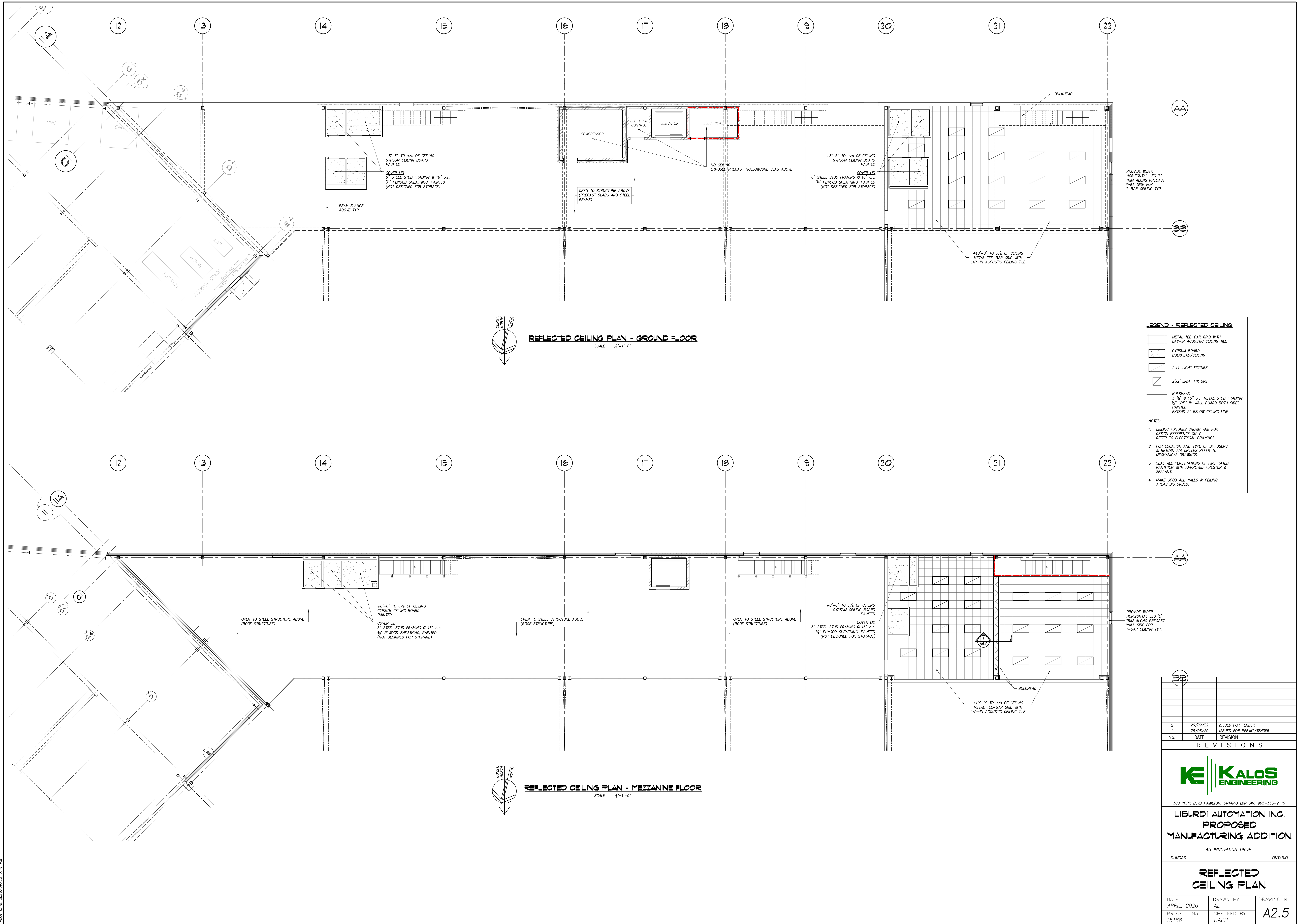
DUNDAS

ONTARIO

ROOF PLAN

DATE	DRAWN BY	DRAWING No.
APRIL, 2026	AL	A2.3
PROJECT No.	CHECKED BY	
18188	HAPH	

[illegible]



REFLECTED CEILING PLAN - GROUND FLOOR

SCALE 1/8"=1'-0"

LEGEND - REFLECTED CEILING

- METAL TEE-BAR GRID WITH LAY-IN ACOUSTIC CEILING TILE
- GYPSUM BOARD BULKHEAD/CEILING
- 2'x4' LIGHT FIXTURE
- 2'x2' LIGHT FIXTURE
- BULKHEAD 3 1/2" x 16" o.c. METAL STUD FRAMING 5/8" GYPSUM WALL BOARD BOTH SIDES PAINTED EXTEND 2" BELOW CEILING LINE

NOTES:

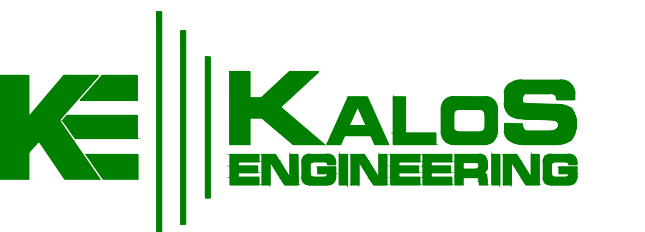
- CEILING FIXTURES SHOWN ARE FOR DESIGN REFERENCE ONLY. REFER TO ELECTRICAL DRAWINGS.
- FOR LOCATION AND TYPE OF DIFFUSERS & RETURN AIR GRILLES REFER TO MECHANICAL DRAWINGS.
- SEAL ALL PENETRATIONS OF FIRE RATED PARTITION WITH APPROVED FIRESTOP & SEALANT.
- MAKE GOOD ALL WALLS & CEILING AREAS DISTURBED.

REFLECTED CEILING PLAN - MEZZANINE FLOOR

SCALE 1/8"=1'-0"

No.	DATE	REVISION
2	26/09/22	ISSUED FOR TENDER
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300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119

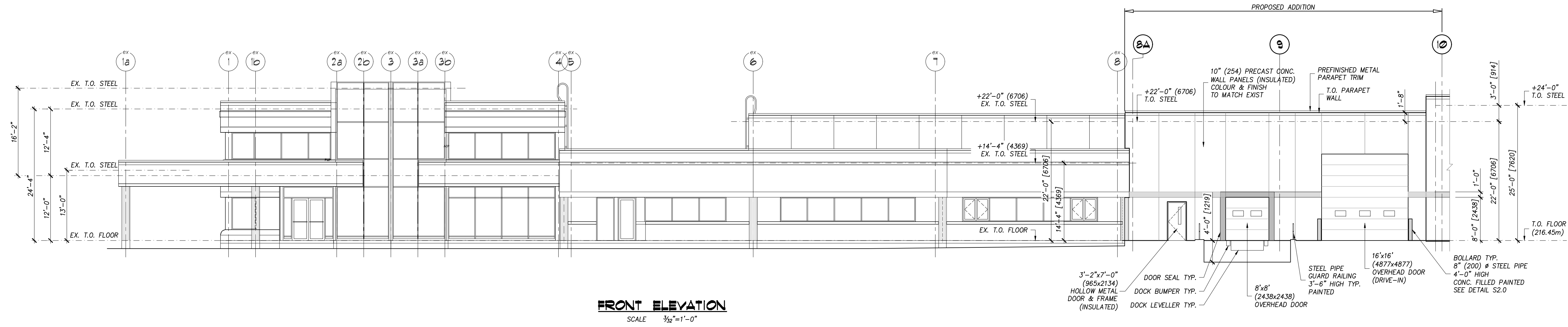
LIBURDI AUTOMATION INC.
PROPOSED
MANUFACTURING ADDITION

45 INNOVATION DRIVE

DUNDAS ONTARIO

REFLECTED
CEILING PLAN

DATE APRIL, 2026	DRAWN BY AL	DRAWING No.
PROJECT No. 18188	CHECKED BY HAPH	A2.5

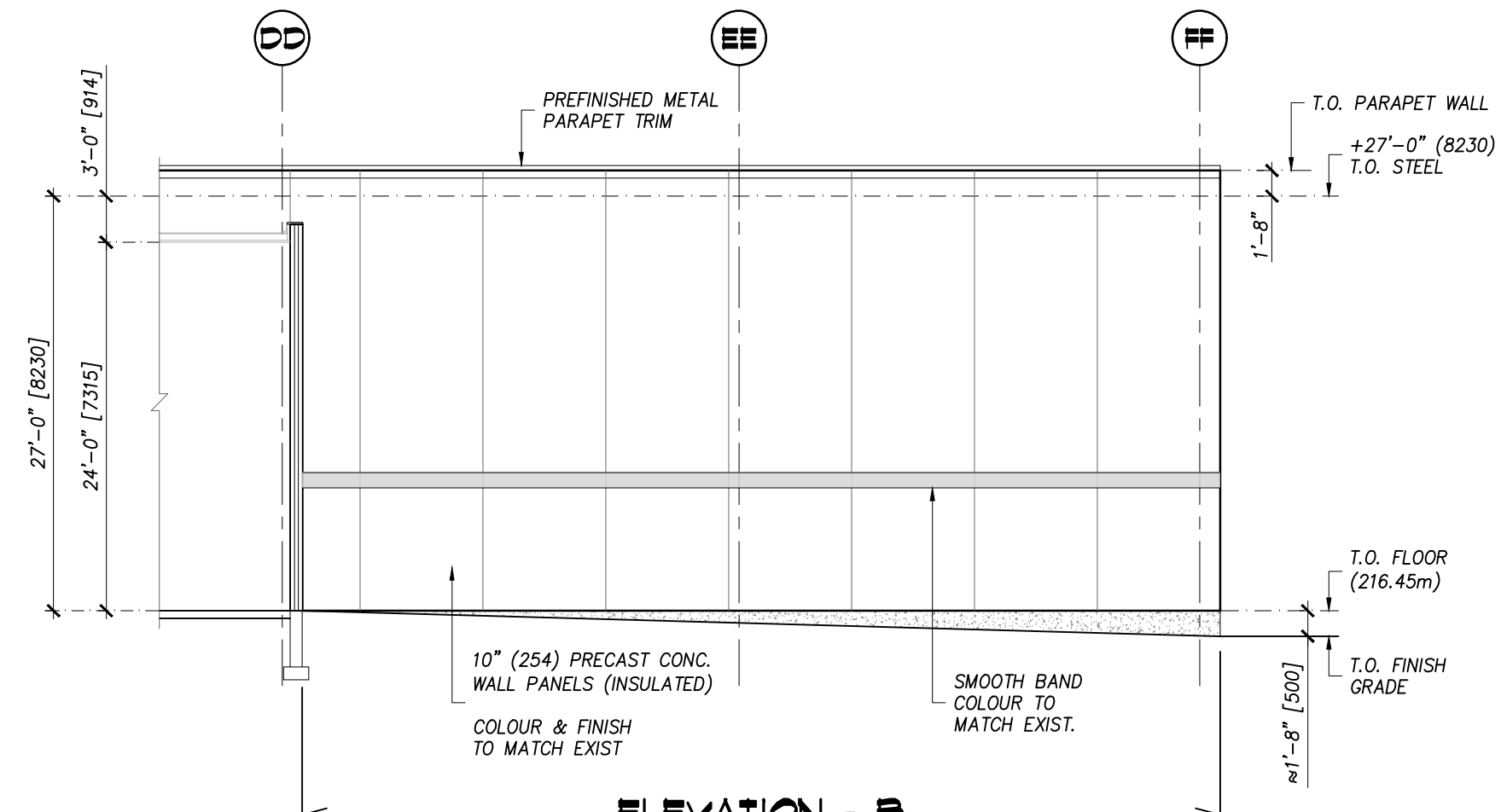


FRONT ELEVATION

SCALE 3/32"=1'-0"

ELEVATION - A

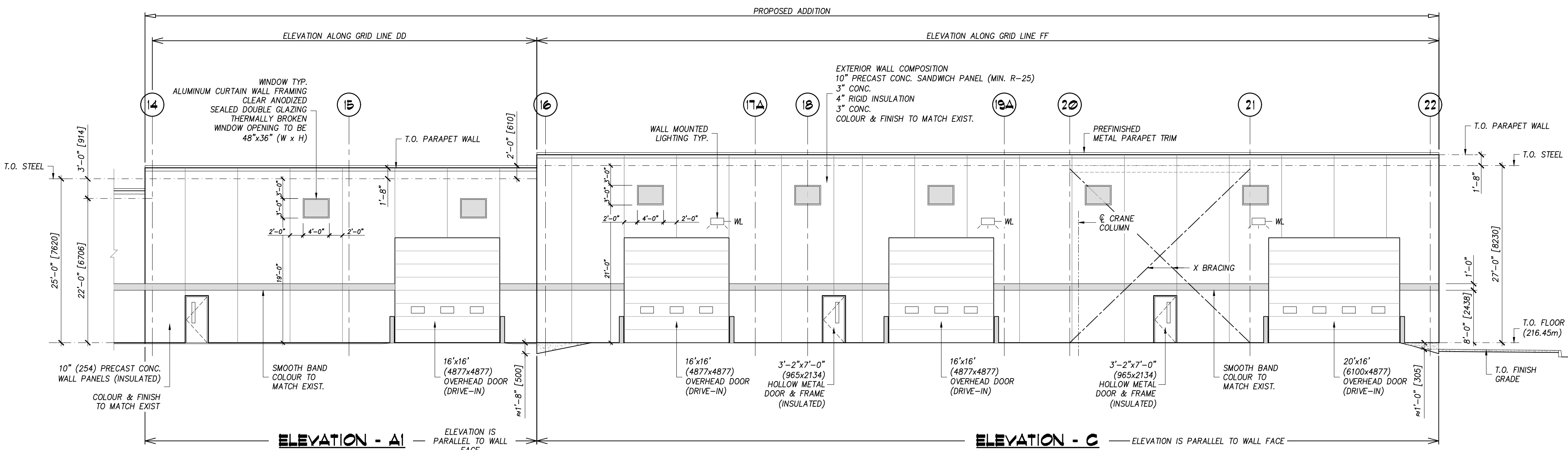
ELEVATION IS PARALLEL TO WALL FACE



ELEVATION - B

ELEVATION IS PARALLEL TO WALL FACE

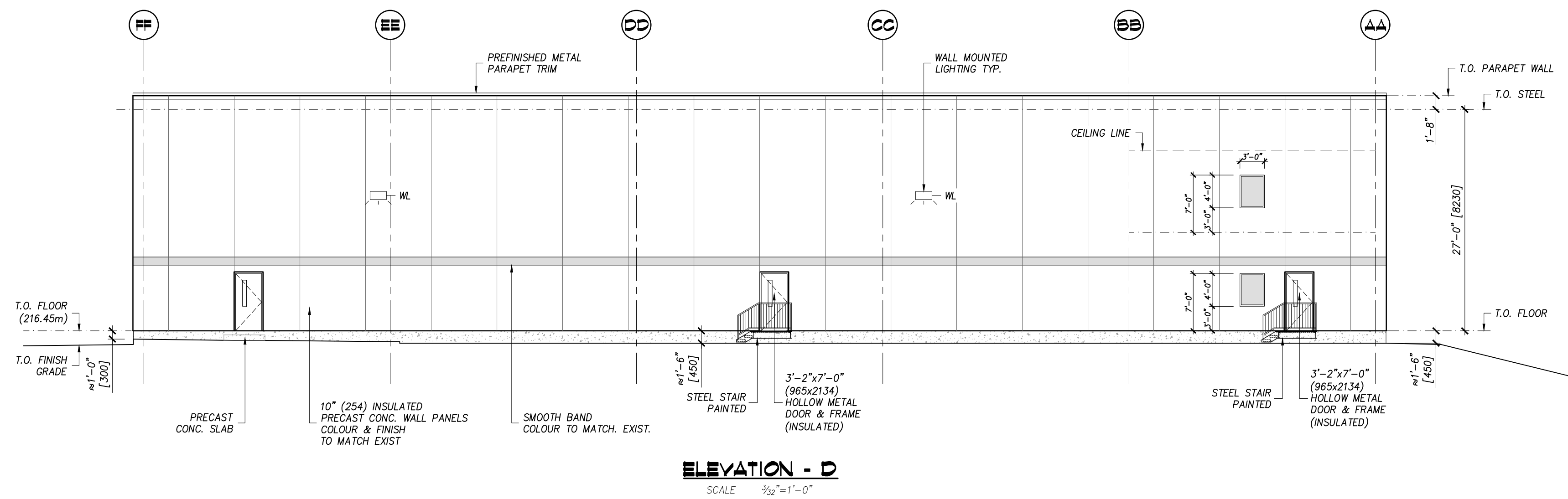
SCALE 3/32"=1'-0"



ELEVATION - C

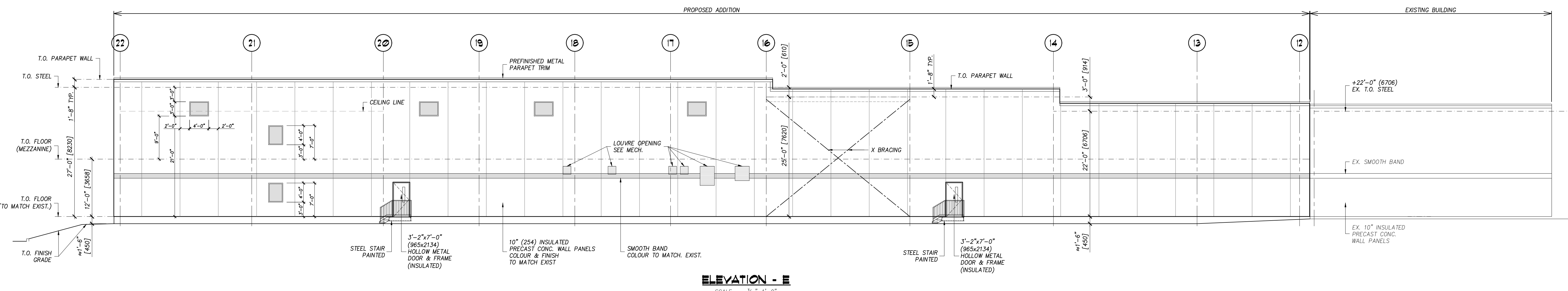
ELEVATION - C

ELEVATION IS PARALLEL TO WALL FACE



ELEVATION - D

SCALE 3/32"=1'-0"

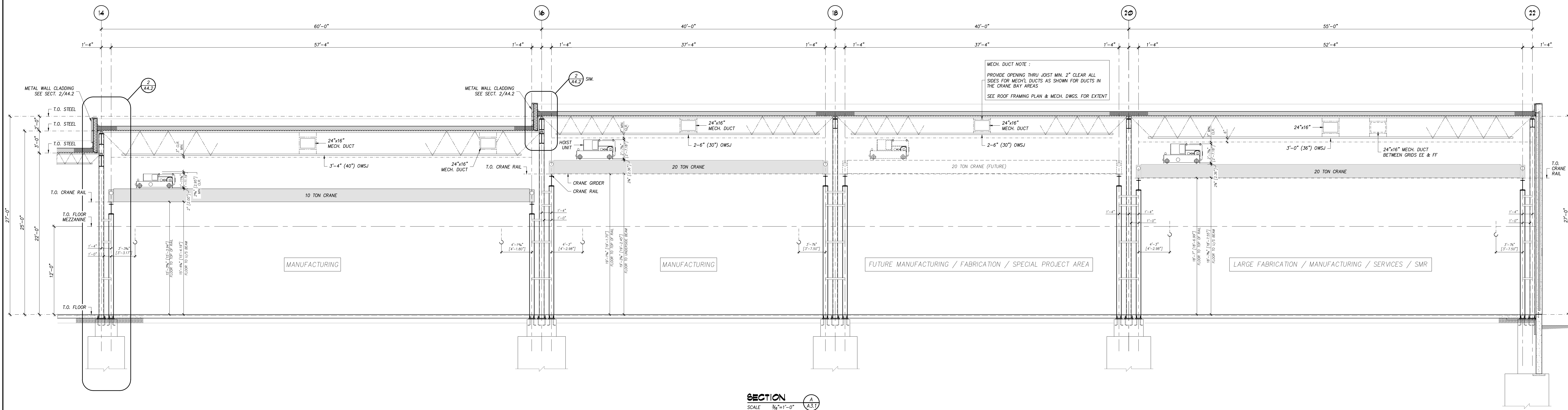


ELEVATION - E

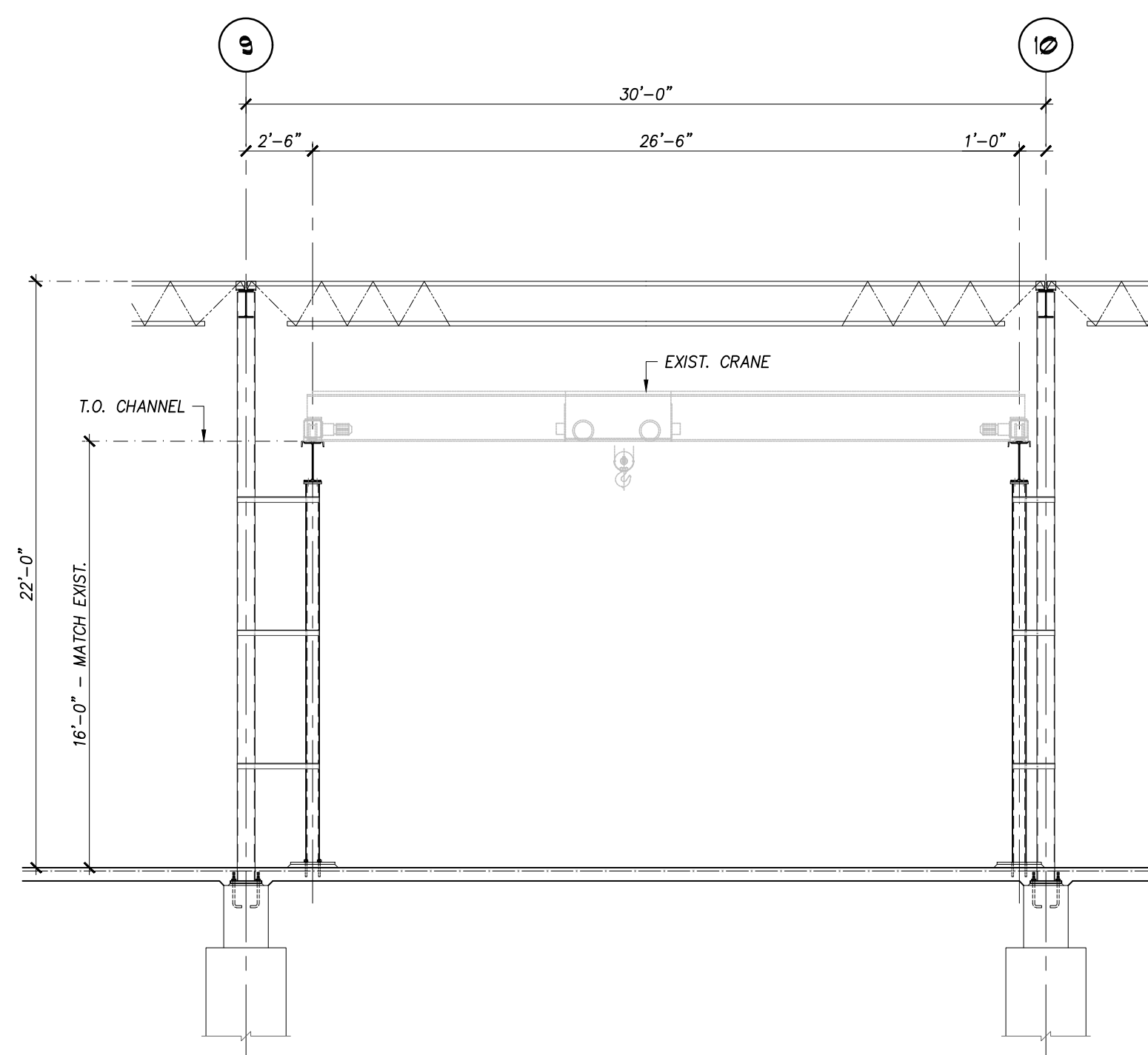
SCALE 3/32"=1'-0"

No.	DATE	REVISION
REVISIONS		
		
300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119		
LIBURDI AUTOMATION INC. PROPOSED MANUFACTURING ADDITION		
45 INNOVATION DRIVE		
DUNDAS ONTARIO		
ELEVATIONS		
DATE	DRAWN BY	DRAWING No.
JULY, 2025	AL	A3.0
PROJECT No.	CHECKED BY	
18188	HAPH	

PLOT DATE: 2026/09/22 5:14 PM



SECTION A
SCALE 3/16"=1'-0"



SECTION B
SCALE 3/16"=1'-0"

2	26/09/22	ISSUED FOR TENDER
1	26/08/20	ISSUED FOR PERMIT/TENDER
No.	DATE	REVISION
REVISIONS		
		
300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119		
LIBURDI AUTOMATION INC. PROPOSED MANUFACTURING ADDITION		
45 INNOVATION DRIVE		
DUNDAS ONTARIO		
CROSS SECTION		
DATE APRIL, 2026	DRAWN BY AL	DRAWING No. A3.1
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WOOD BLOCKING CONT.
2 PLY MODIFIED MEMBRANE FLASHING
TRIMMER ANGLE CONT. SEE STRIP ROOF FRAMING
CANT STRIP CONT.
2 PLY BUILT-UP ROOFING MEMBRANE
EXTERIOR GRADE ROOF SHEATHING
INSULATION
VAPOUR BARRIER
STEEL DECK
W BEAM
OWSJ
STEEL COLUMN
EXTERIOR WALL COMPOSITION
10" PRECAST CONC. SANDWICH PANEL
3" CONC.
4" RIGID INSULATION
3" CONC.
COLOUR TO MATCH EXIST.
BAND COLOUR TO EXIST.
1'-8" BAND
WIDTH TO MATCH EXIST. (FIELD VERIFY HEIGHT)
HEIGHT TO MATCH EXISTING (FIELD VERIFY HEIGHT)
DEPTH VARIES MIN. - 0 MAX. - 18" SEE CIVIL DWGS. SITE GRADING PLAN
T.O. FLOOR
T.O. FIN. GRADE
MIN. EARTH COVER
ANCHOR RODS (BY OTHERS)
POURED CONC. GRADE BEAM
MUD SLAB 3'x20" TYP. SEE FOUNDATION SECT'S
CONT. SEALANT & BACKER ROD
PREMOULDED JOINT FILLER
CONC. SLAB-ON-GRADE
CLEAR STONE BASE
4'-0" WIDE RIGID INSULATION (MIN. R-15 ALONG PERIMETER TYP.
2'-0" HIGH RIGID INSULATION (MIN. R-15 ALONG PERIMETER TYP.
1'-4"
1'-8"
19'-5"
27'-0"
5'-0"
4'-0"
1'-8"
1'-3"

1'-4"

1'-8"

15'-8"

22'-0"

23'-8"

8'-0"

4'-0"

8'-6"

4'-0"

1'-4"

4'-0" WIDE

2'-0" HIGH

T.O. PRECAST PANEL

TRIMMER ANGLE CONT.
SEE STRUCT. ROOF FRAMING

STEEL DECK

W BEAM

CWSJ

DOOR TRACK

DOOR PANEL

DOCK SEAL

DRIP
REGLET
CONT.

DOCK BUMPER

DOCK LEVELLER PIT

T.O. CONC.
PAVING

MIN. EARTH COVER

POURED CONC.
GRADE BEAM

STEEL ANGLE TRIM
EDGING c/w ANCHOR

1/4" BENT STEEL PLATE
(PAINTED)
PROVIDE EMBEDDED WELD
PLATES WITH ANCHORS
IN PRECAST JAMB.
PROVIDE HOLES IN BENT
PLATE & PLUG WELD &
GRIND SMOOTH

RIGID INSULATION (MIN. R-15)
ALONG PERIMETER TYP.

RIGID INSULATION (MIN. R-15)
ALONG PERIMETER TYP.

PER MANUFACTURER

OPENING FOR OVERHEAD DOOR (LOADING DOCK)

PIT DEPTH
PER
MANUFACTURER

1'-4"

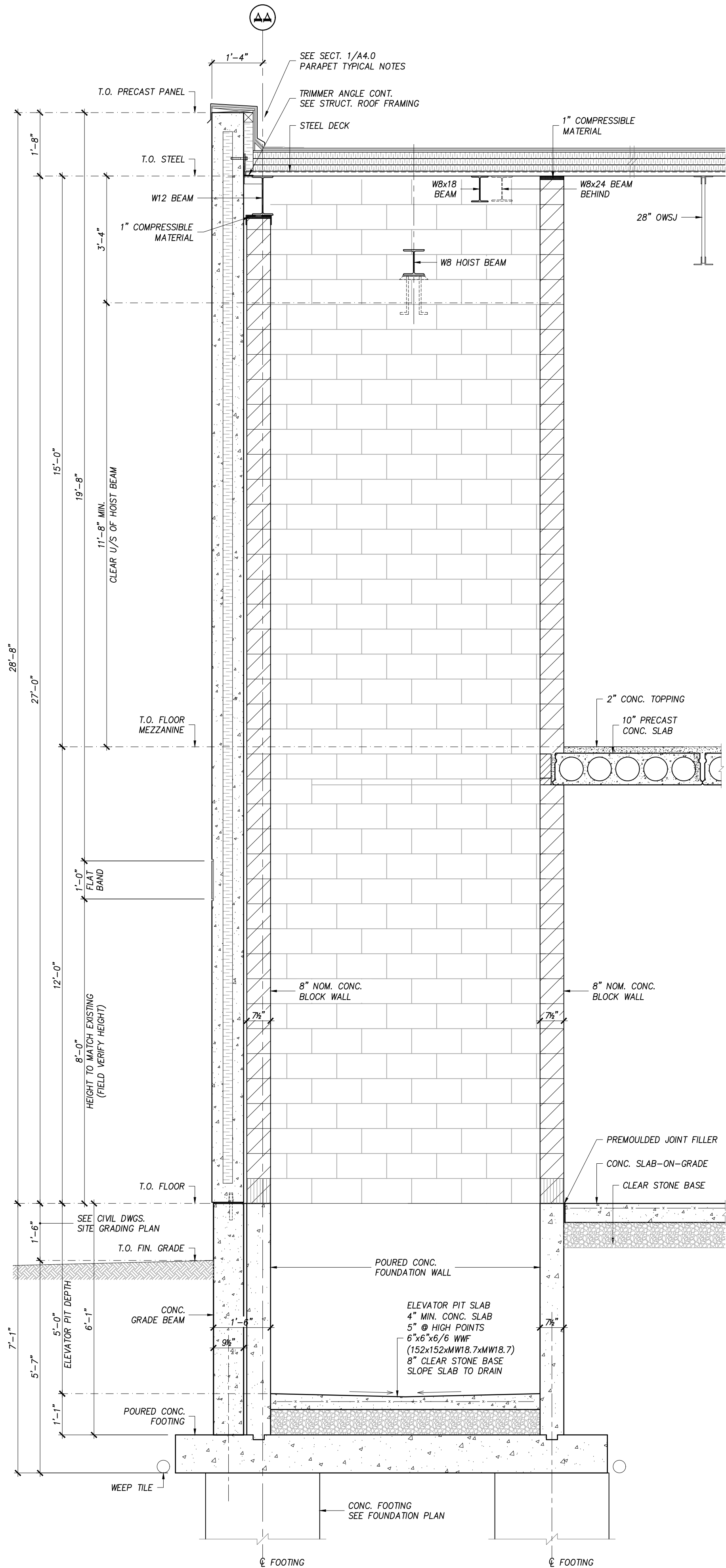
Architectural section drawing of a building corner, showing exterior wall, floor, and roof details. The drawing includes dimensions and labels for various components.

Labels and Dimensions:

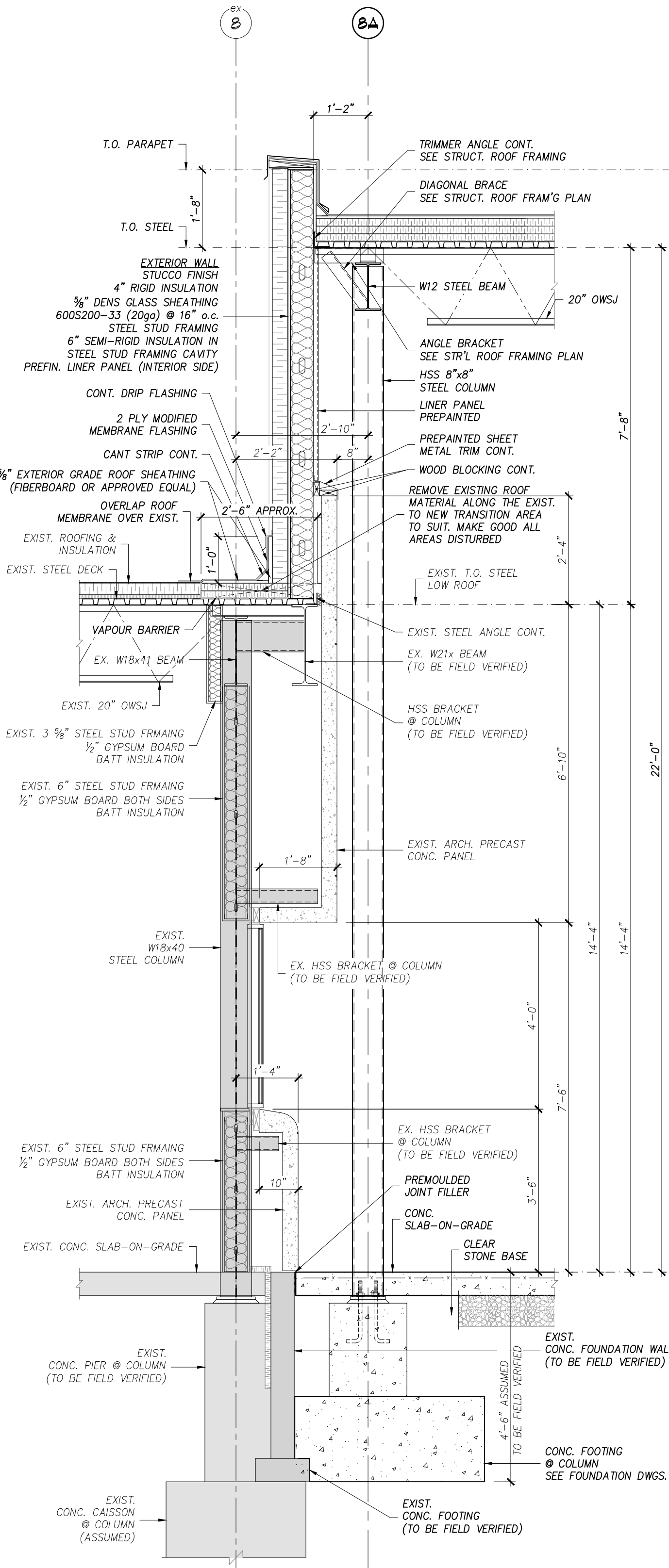
- TRIMMER ANGLE CONT. SEE STRUCT. ROOF FRAMING**
- STEEL DECK**
- W BEAM**
- OWSJ**
- STEEL COLUMN**
- T.O. PRECAST PANEL**
- T.O. STEEL**
- 1'-4"**
- 1'-6"**
- 15'-0"**
- 12'-5"**
- 25'-5"**
- 27'-0"**
- T.O. FLOOR MEZZANINE**
- FLEXIBLE PRESTOP SEALANT**
- 1'-0" FLAT BAND**
- 2" CONC. TOPPING**
- 10" PRECAST CONC. SLAB**
- W BEAM FLUSH DETAIL**
- 1" COMPRESSIBLE MATERIAL**
- SHELF ANGLE FOR NOTCHED PRECAST SLAB SUPPORT AT STEEL COLUMN. SEE TYP. DETAIL ON STRUCTURAL DWG.**
- 4" RIGID INSULATION (SOUND ATTENUATION)**
- 1'-0"**
- 12'-0"**
- 6'-4" HEIGHT TO MATCH EXISTING (FIELD VERIFY HEIGHT)**
- T.O. FLOOR**
- 1'-6"**
- SEE CIVIL DWGS. SITE GRADING PLAN**
- T.O. FIN. GRADE**
- 1'-3"**
- 6'-7"**
- 4'-0" MIN. EARTH COVER**

PLOT DATE: 2026/09/22 5:14 PM

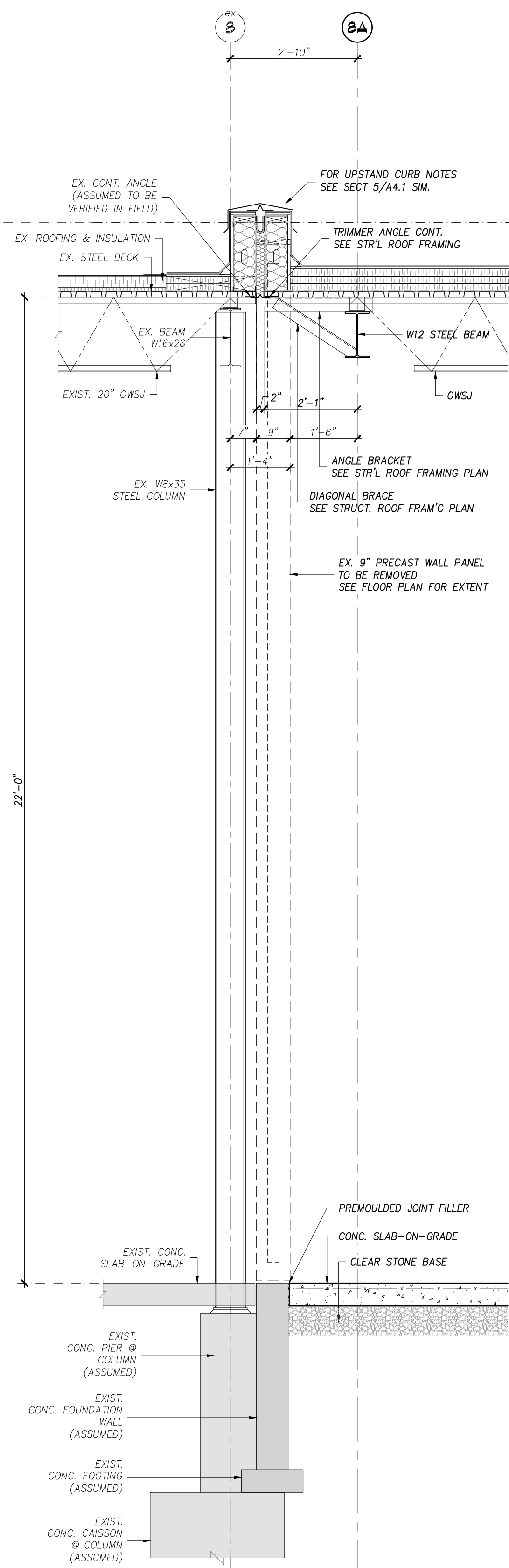
ROOF COMPOSITION (TYPICAL)
2 PLY MODIFIED BITUMEN ROOFING
1/4" EXTERIOR GRADE ROOF SHEATHING
(FIBERBOARD OR APPROVED EQUAL)
RIGID INSULATION - MIN. R-35
VAPOUR BARRIER
STEEL DECK ON OWSJ



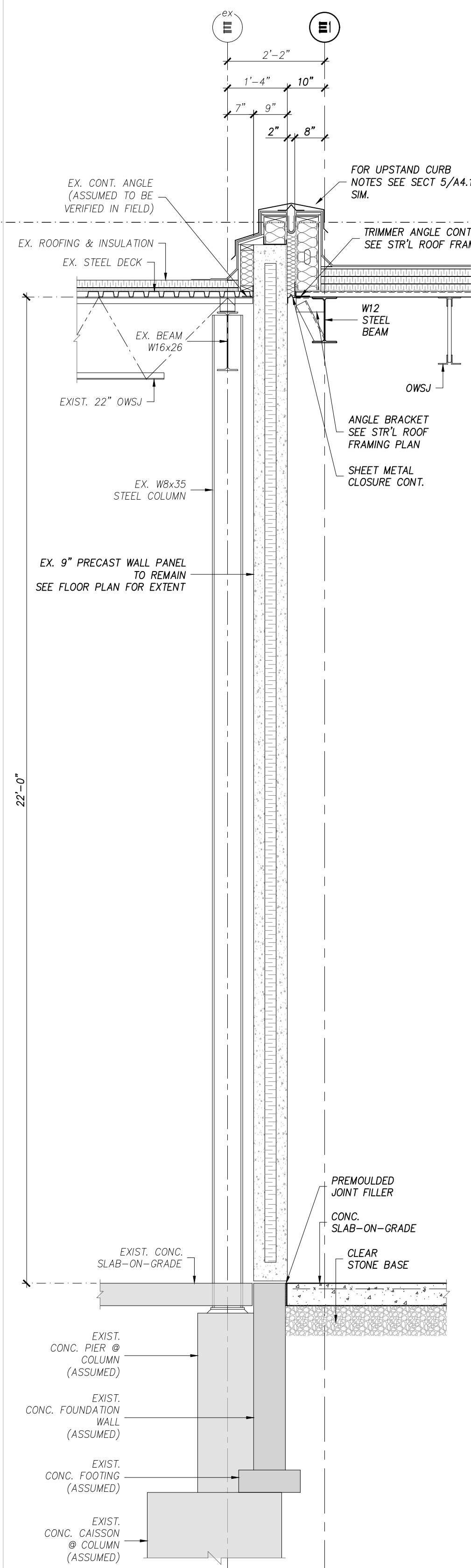
SECTION 1
SCALE 1/2"=1'-0" (A4.1)



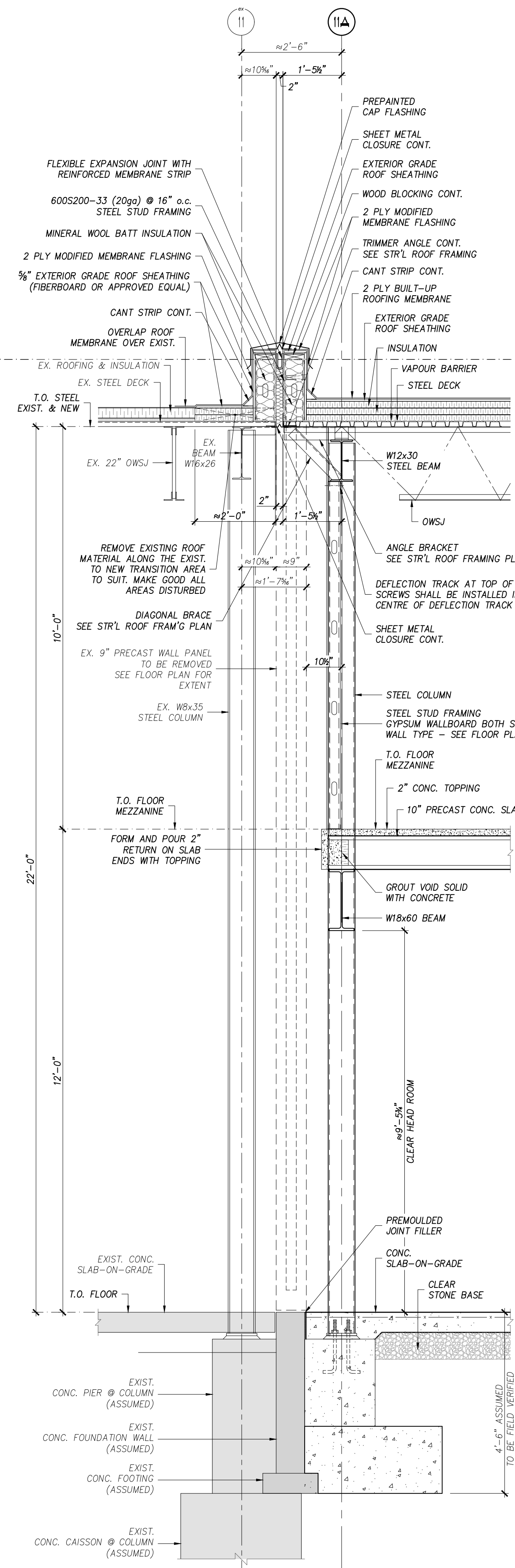
SECTION 2
SCALE 1/2"=1'-0" (A4.1)



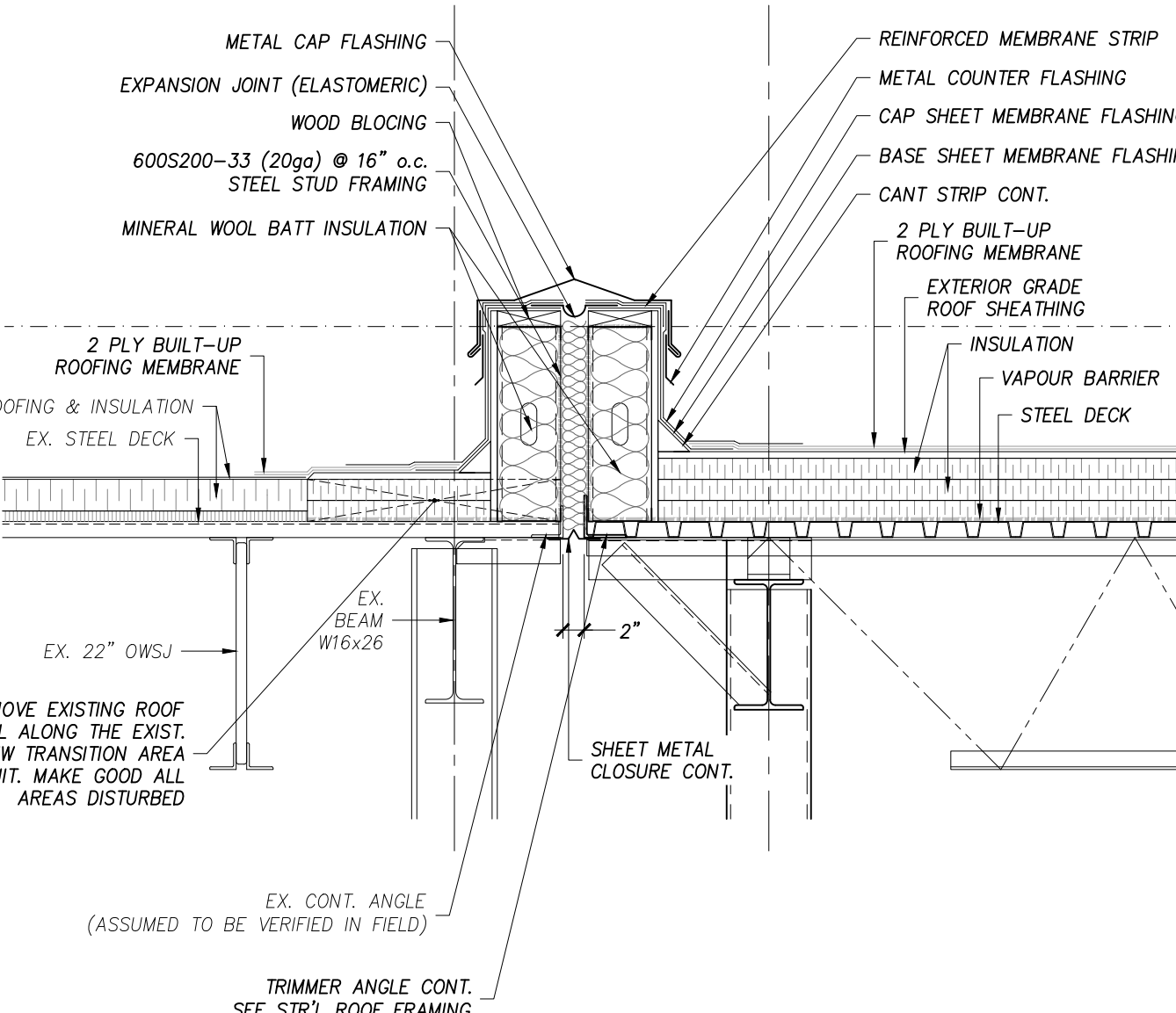
SECTION 3
SCALE 1/2"=1'-0" (A4.1)



SECTION 4
SCALE 1/2"=1'-0" (A4.1)



SECTION 5
SCALE 1/2"=1'-0" (A4.1)



TYP. EXPANSION JOINT DETAIL (A4.1)
SCALE 3/4"=1'-0"

REVISIONS			
No.	DATE	REVISION	
2	26/09/22	ISSUED FOR TENDER	
1	26/08/20	ISSUED FOR PERMIT/TENDER	
LIBURDI AUTOMATION INC. PROPOSED MANUFACTURING ADDITION			
45 INNOVATION DRIVE DUNDAS ONTARIO			
SECTIONS			
DATE	DRAWN BY	DRAWING No.	A4.1
APRIL, 2025	AL	CHECKED BY	
18188	HAPH		

14

EXTERIOR WALL
METAL WALL CLADDING "MCVEST ADD300" VERTICAL
1 1/2" x 2" BAR SUBGIRTS
PEEL & STICK MEMBRANE
5/8" EXTERIOR GRADE SHEATHING
600S200-33 (20ga) #16" o.c.
STEEL STUD FRAMING
6" SEMI-RIGID INSULATION IN
STEEL STUD FRAMING CAVITY
PREPRINTED LINER PANEL (INTERIOR SIDE)

WOOD BLOCKING CONT.
2 PLY MODIFIED
MEMBRANE FLASHING
CANT STRIP CONT.
TRIMMER ANGLE CONT.
SEE STR'L ROOF FRAMING
2 PLY BUILT-UP
ROOFING MEMBRANE
EXTERIOR GRADE
ROOF SHEATHING
INSULATION
VAPOUR BARRIER
STEEL DECK

PREPRINTED
CAP FLASHING

T.O. PARAPET
1'-6"
T.O. STEEL
3'-0"
T.O. STEEL

SHEET METAL TRIM PREPRINTED
2 PLY BUILT-UP
ROOFING MEMBRANE
EXTERIOR GRADE
ROOF SHEATHING
CANT STRIP CONT.
INSULATION
VAPOUR BARRIER

OWSJ

TRIMMER ANGLE CONT.
SEE STR'L ROOF FRAMING

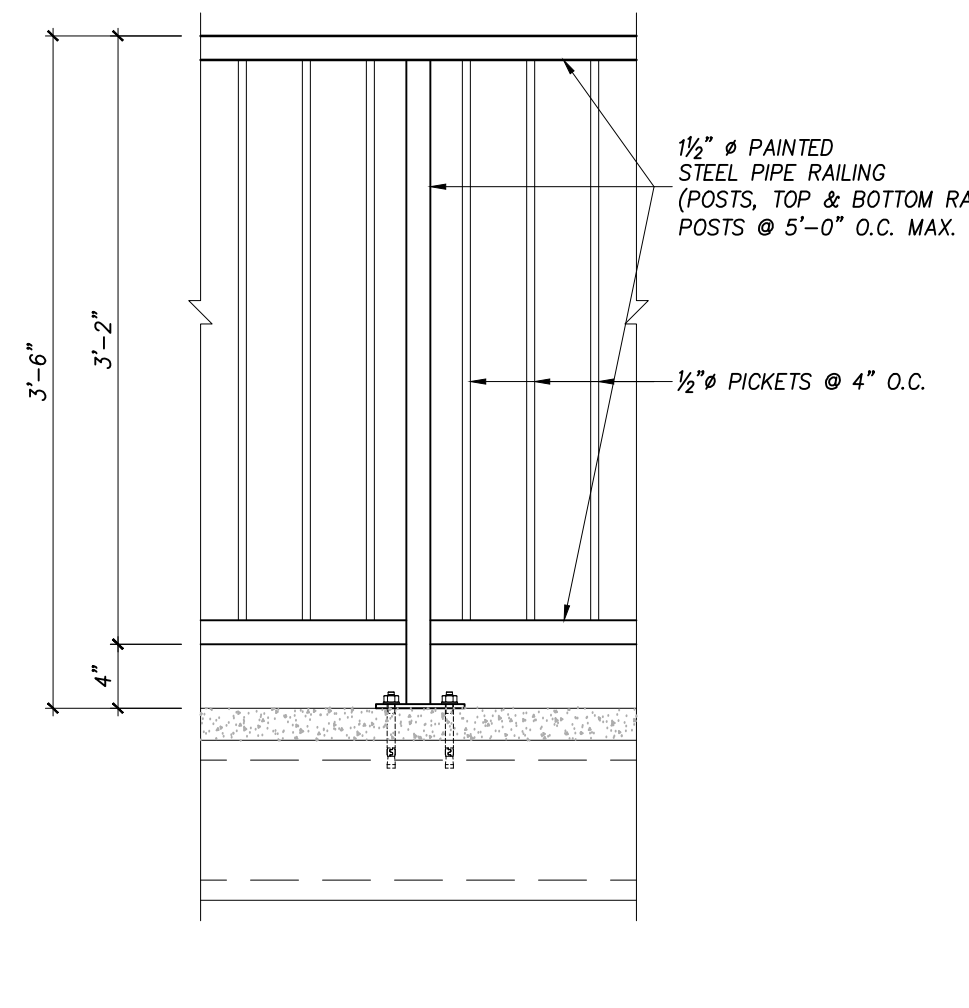
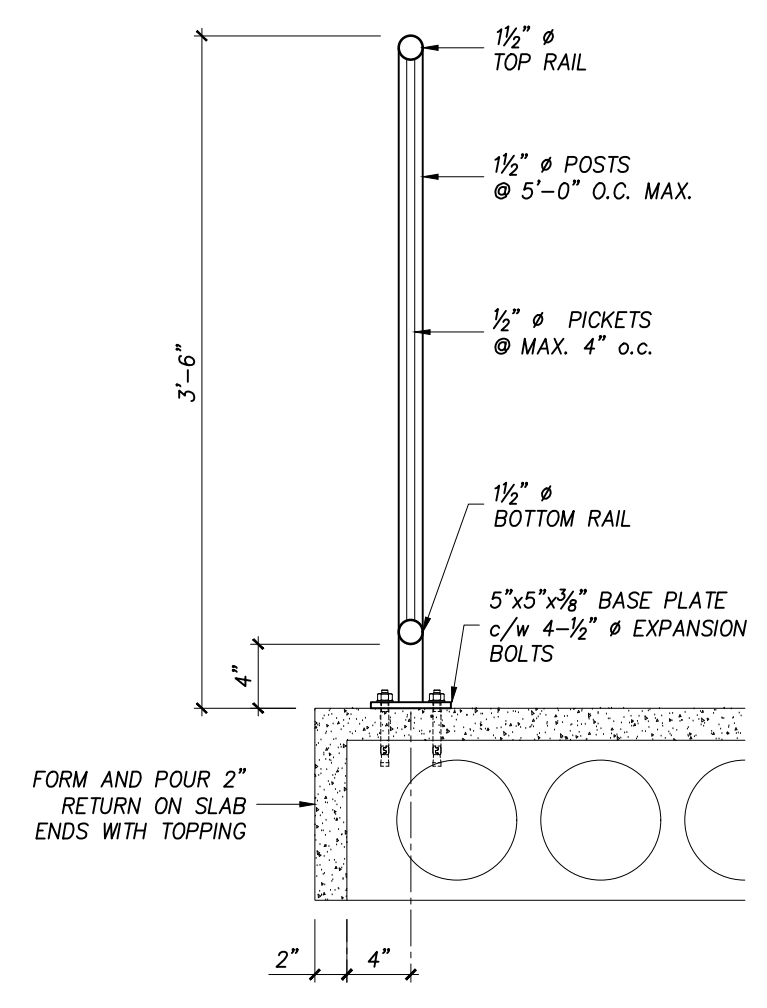
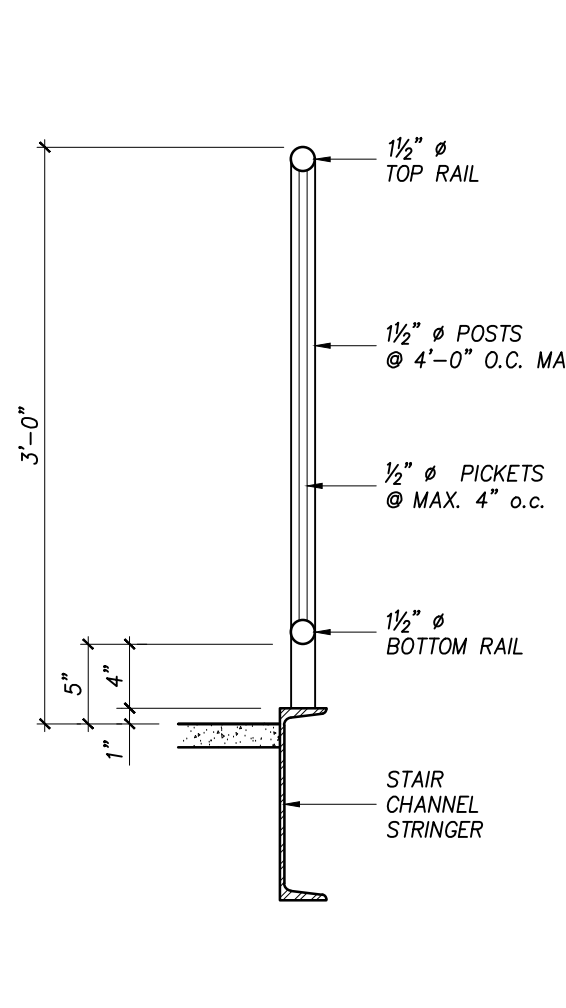
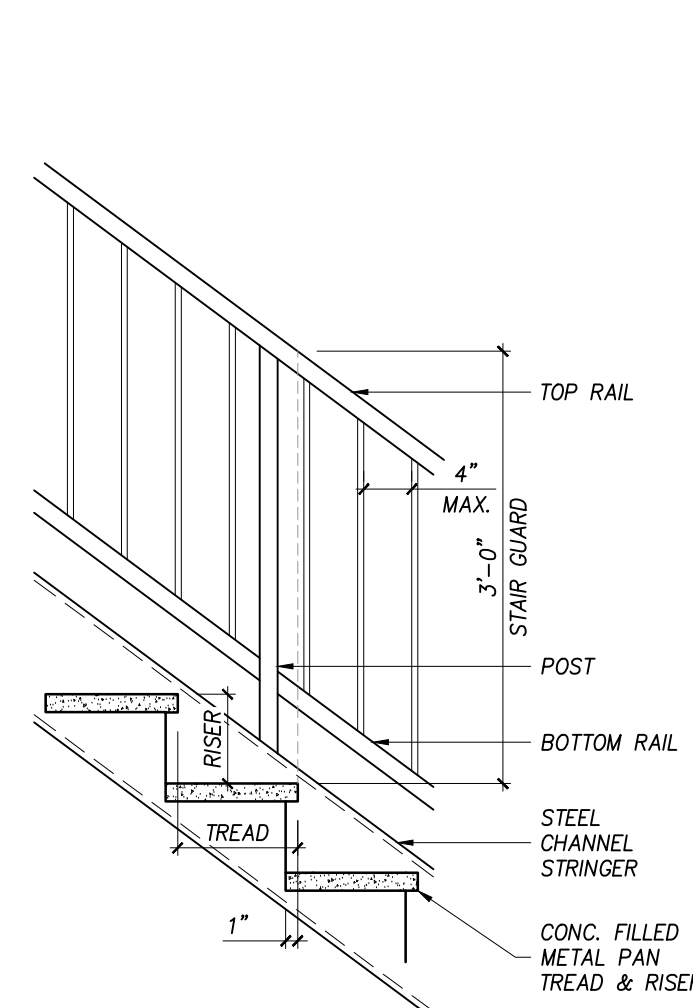
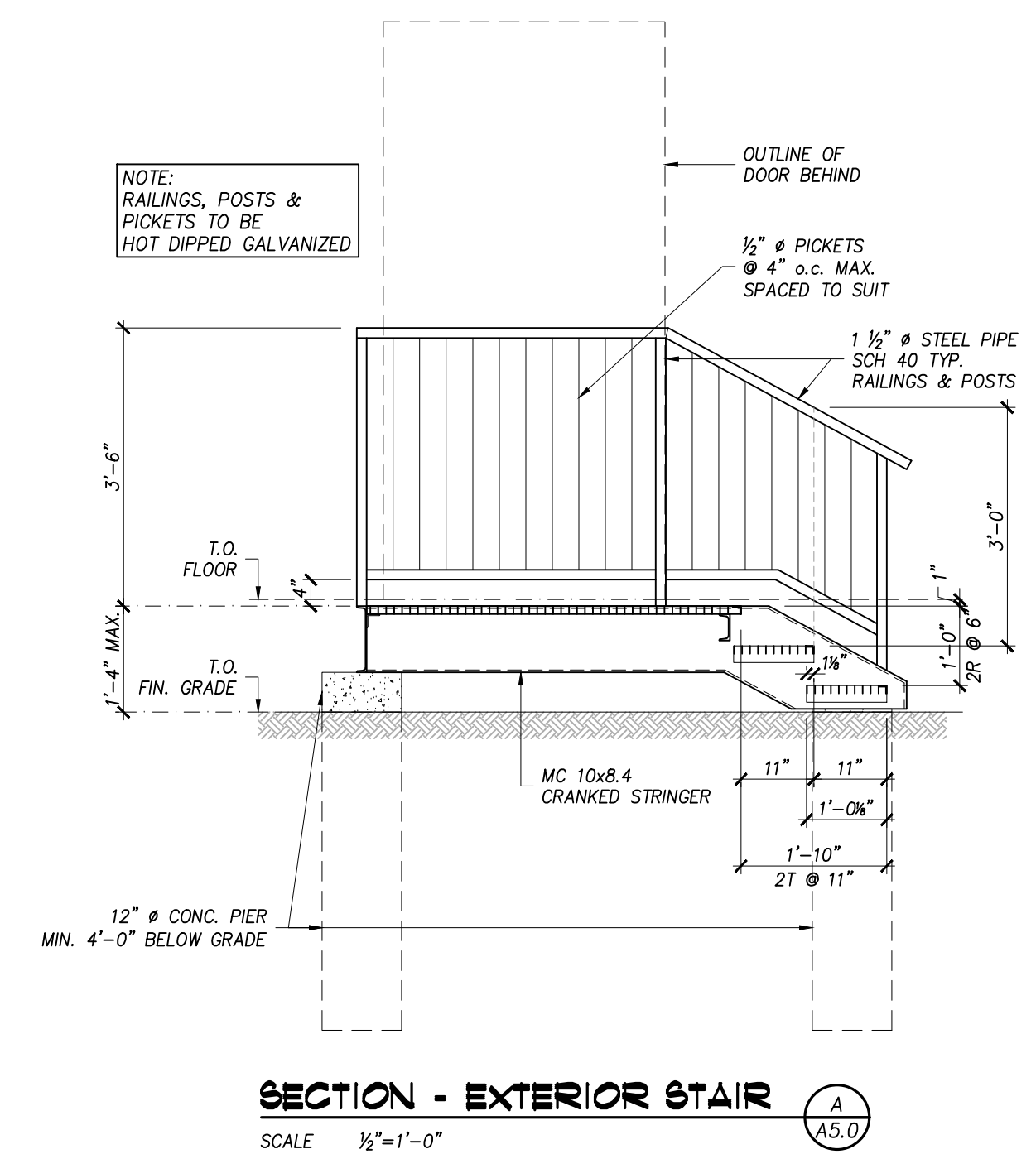
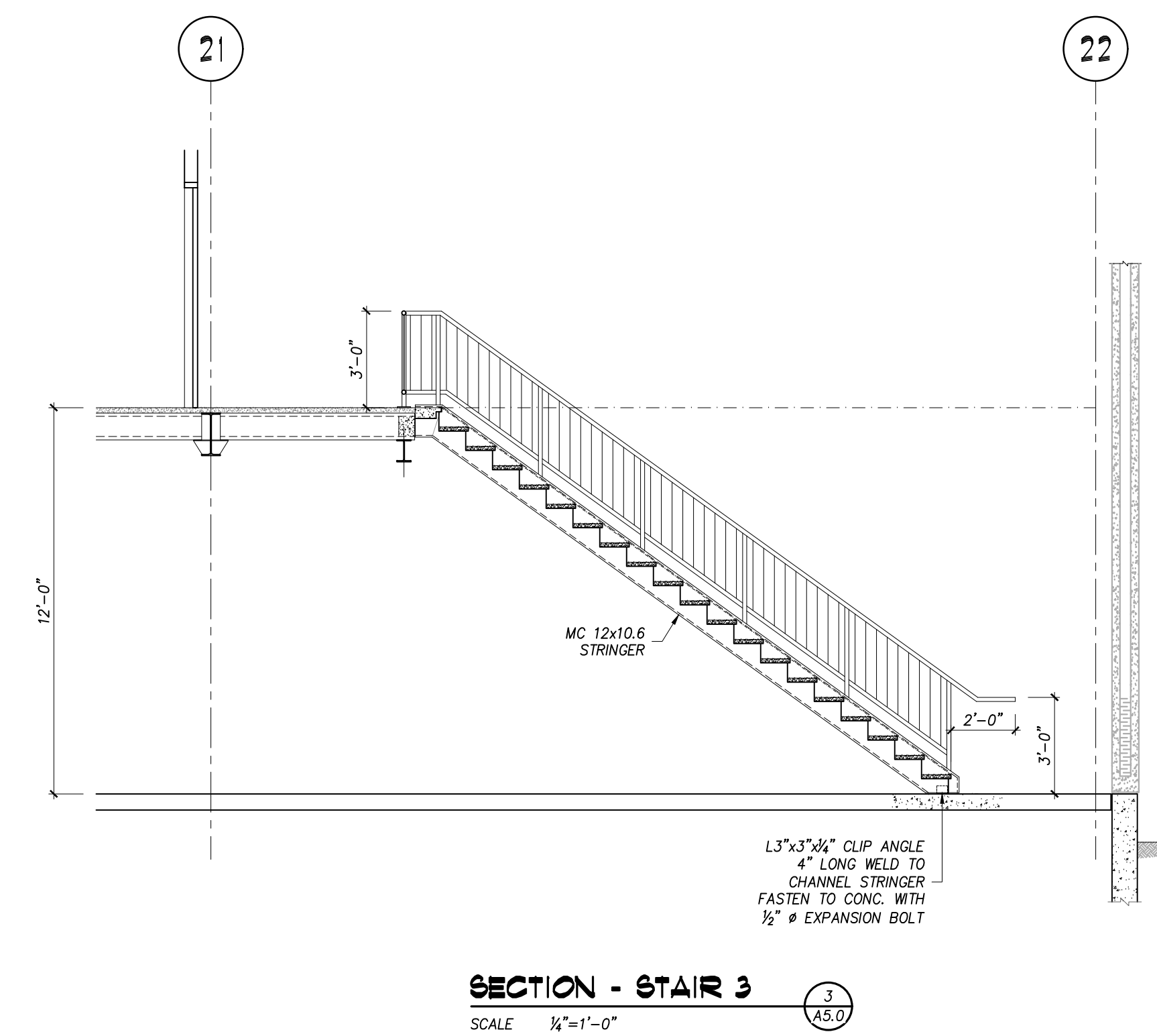
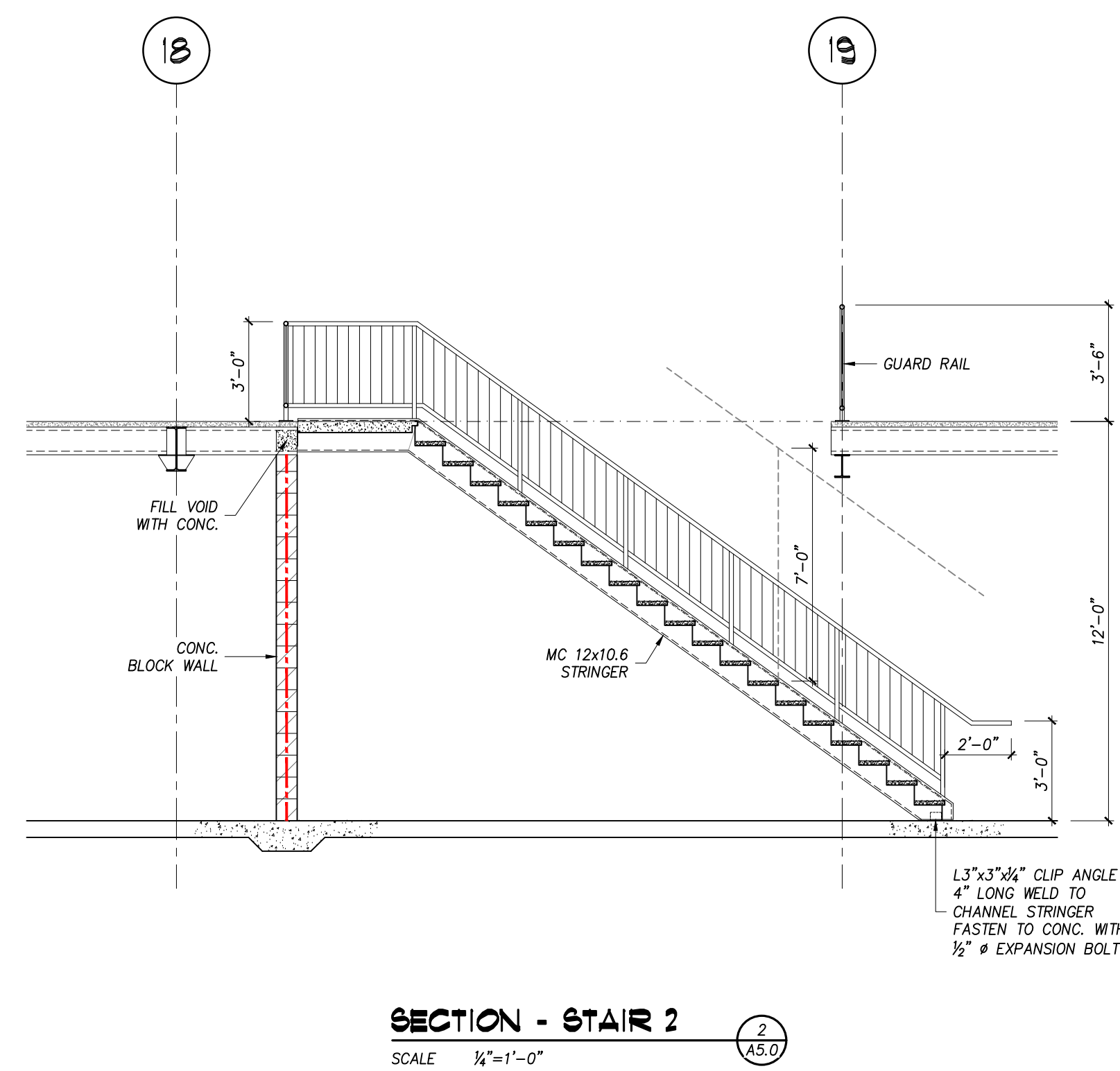
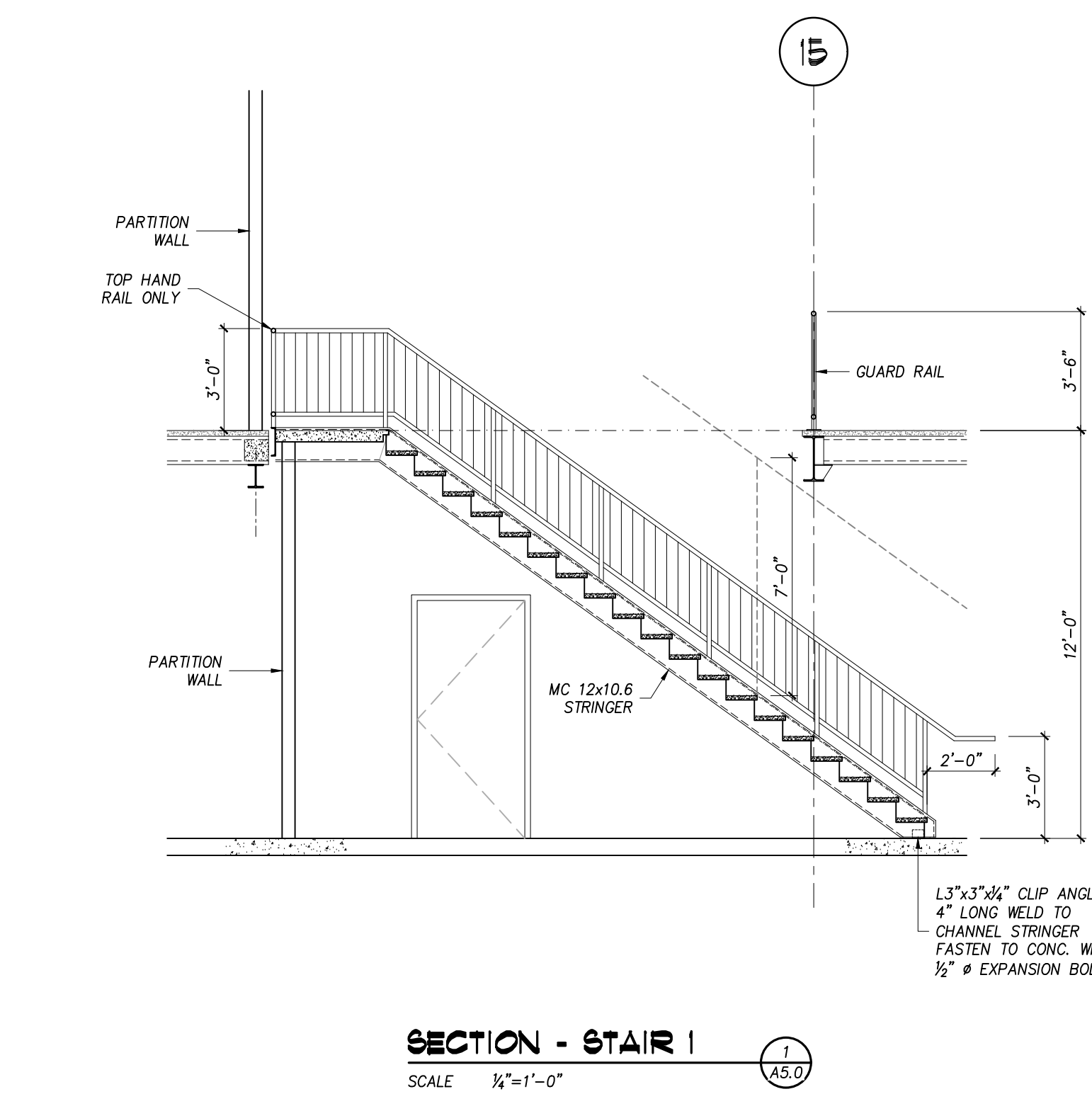
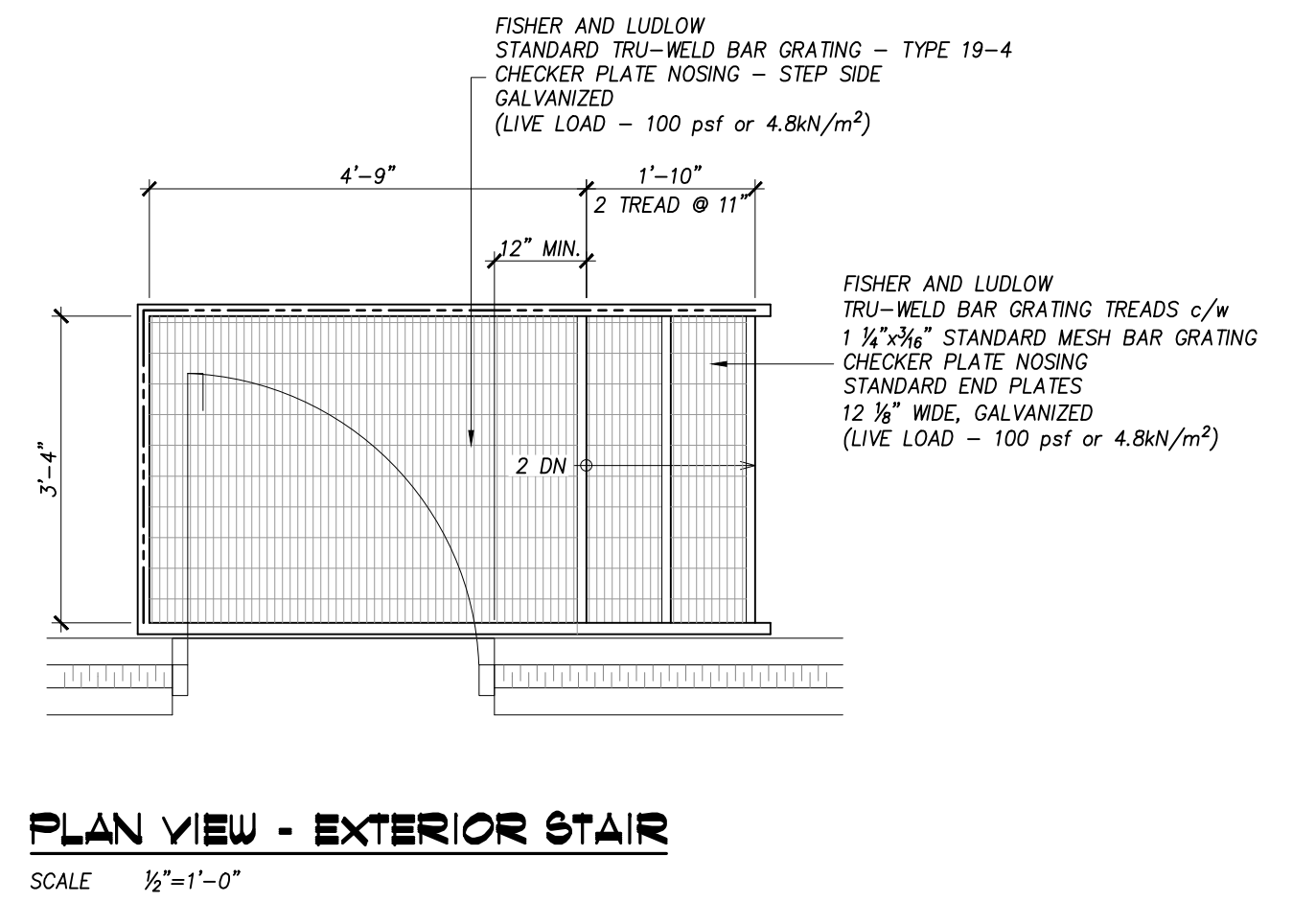
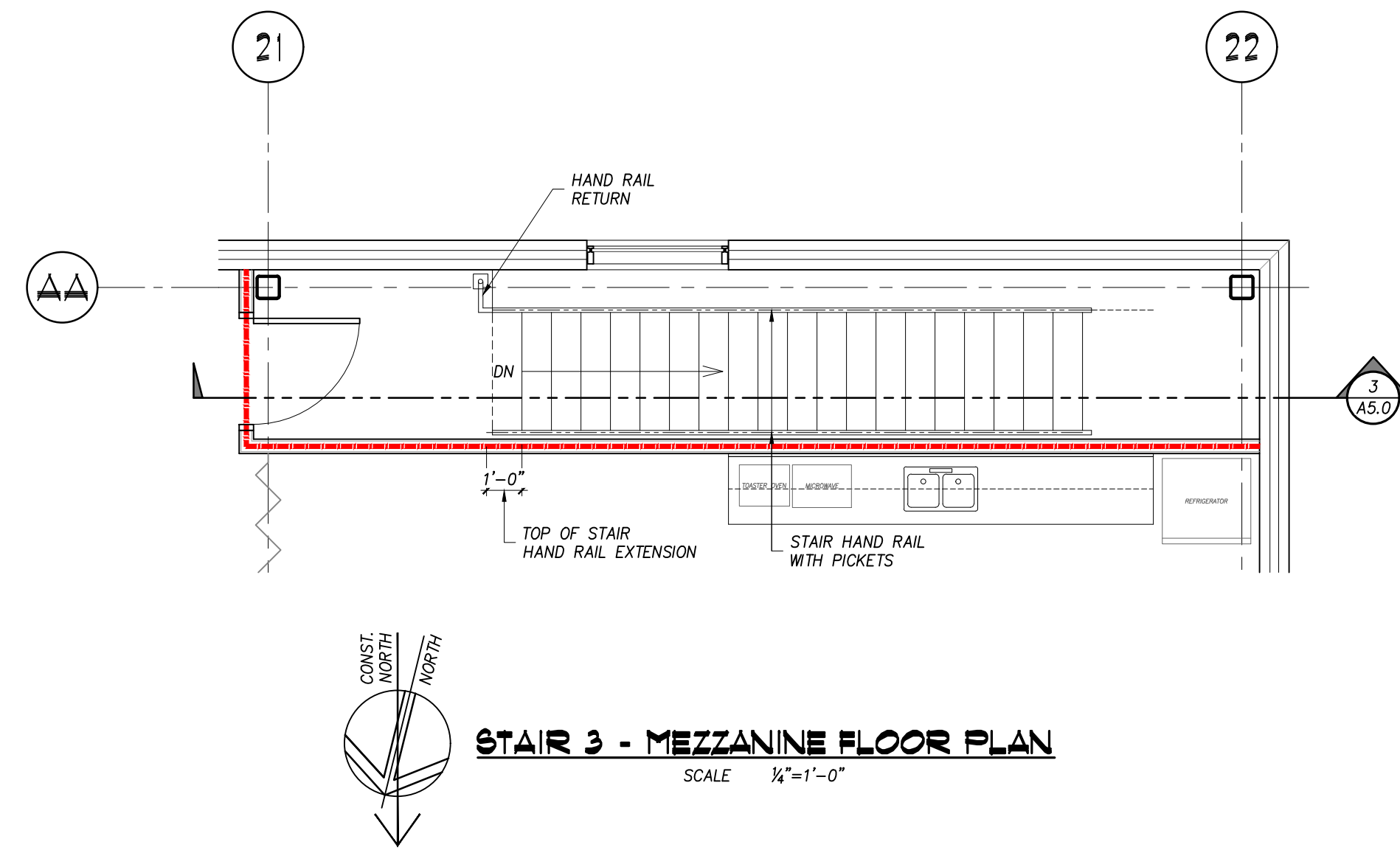
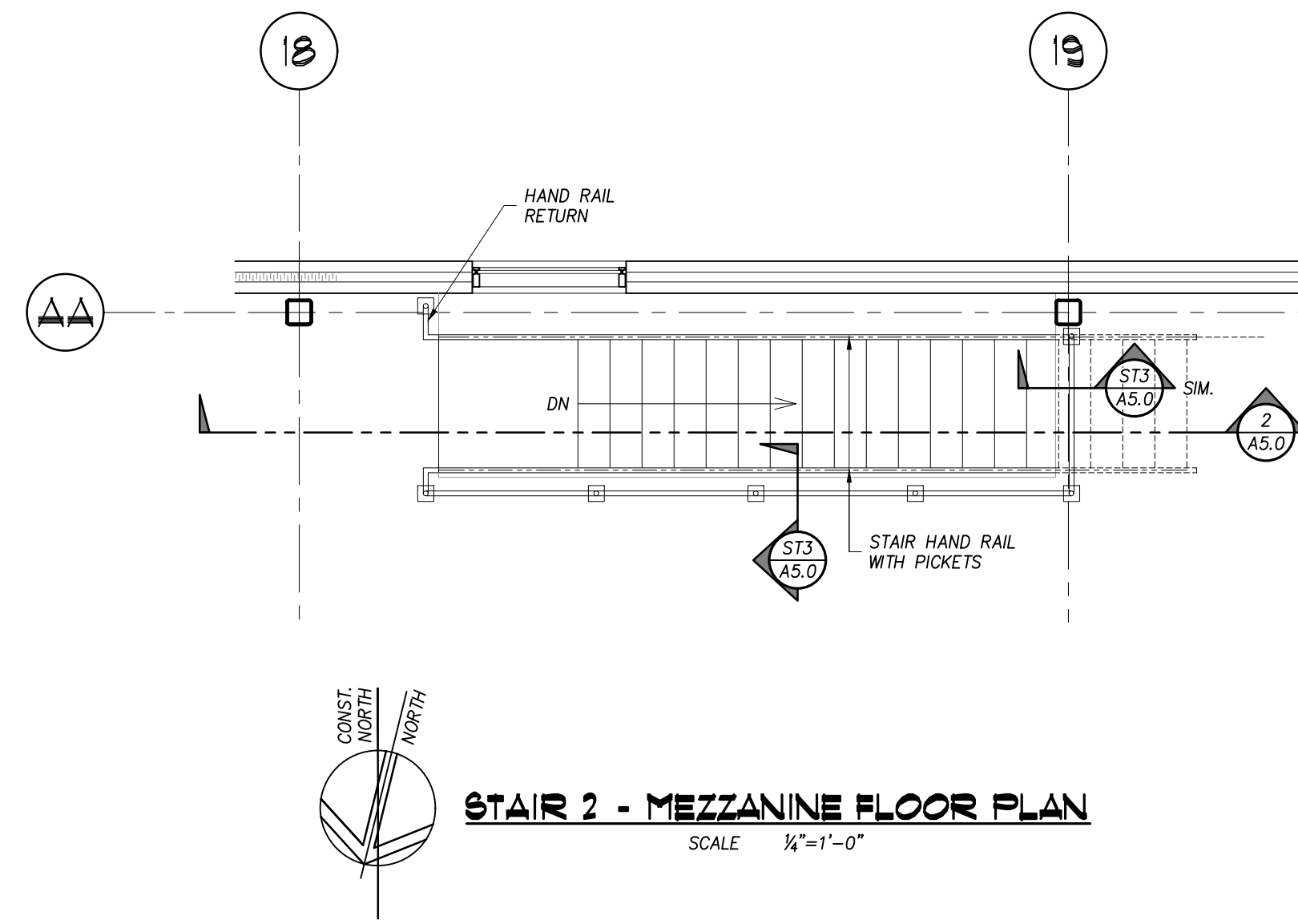
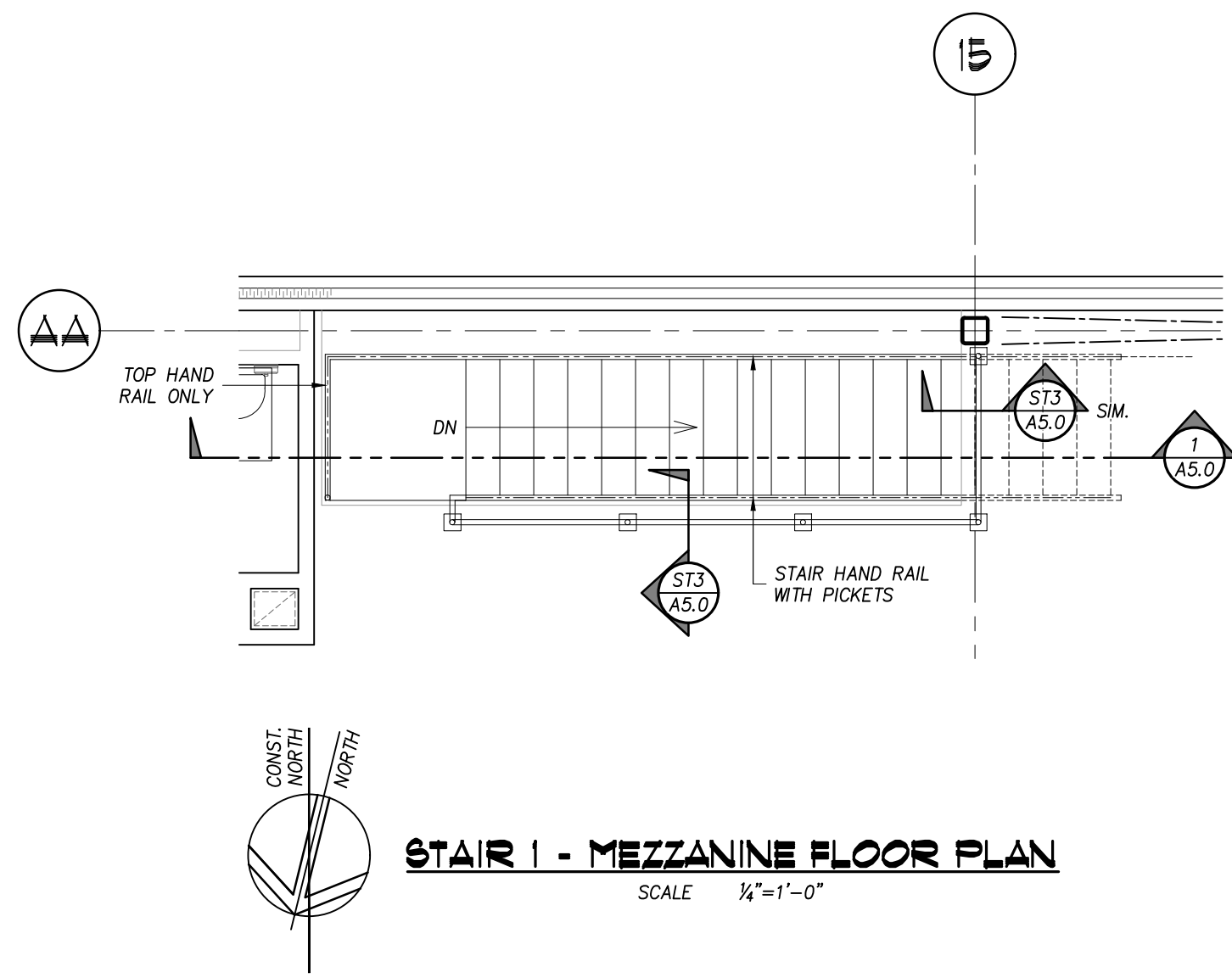
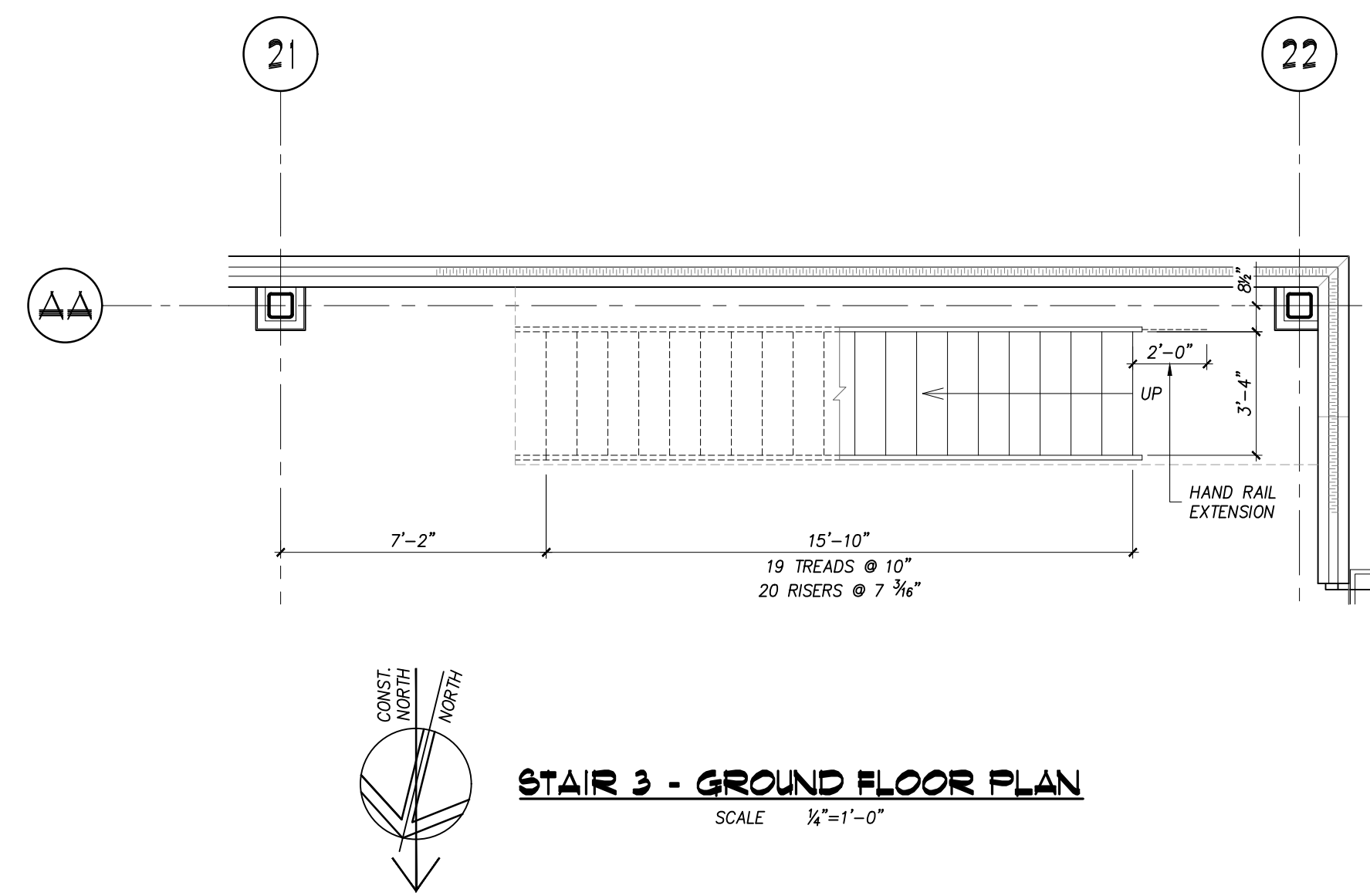
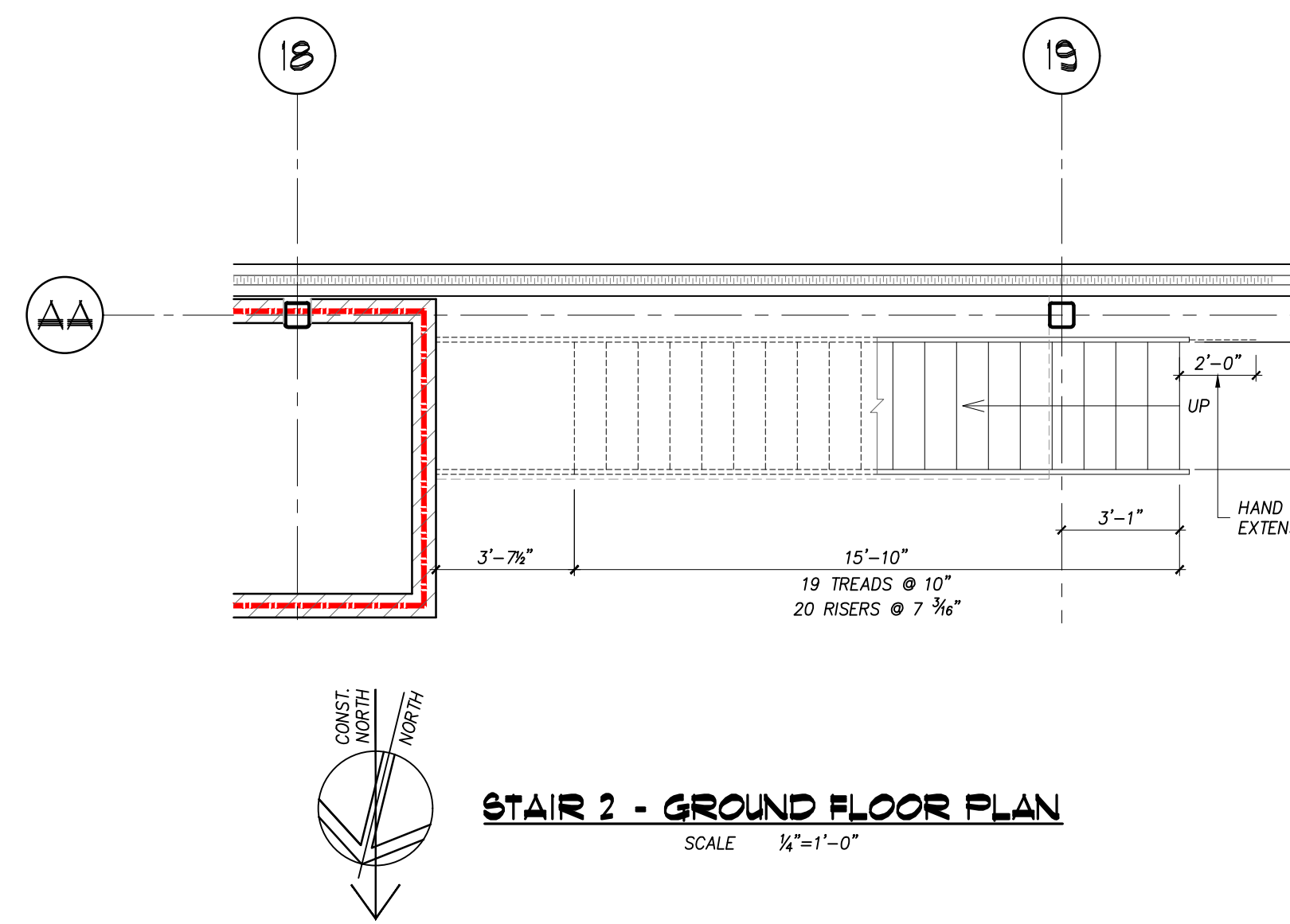
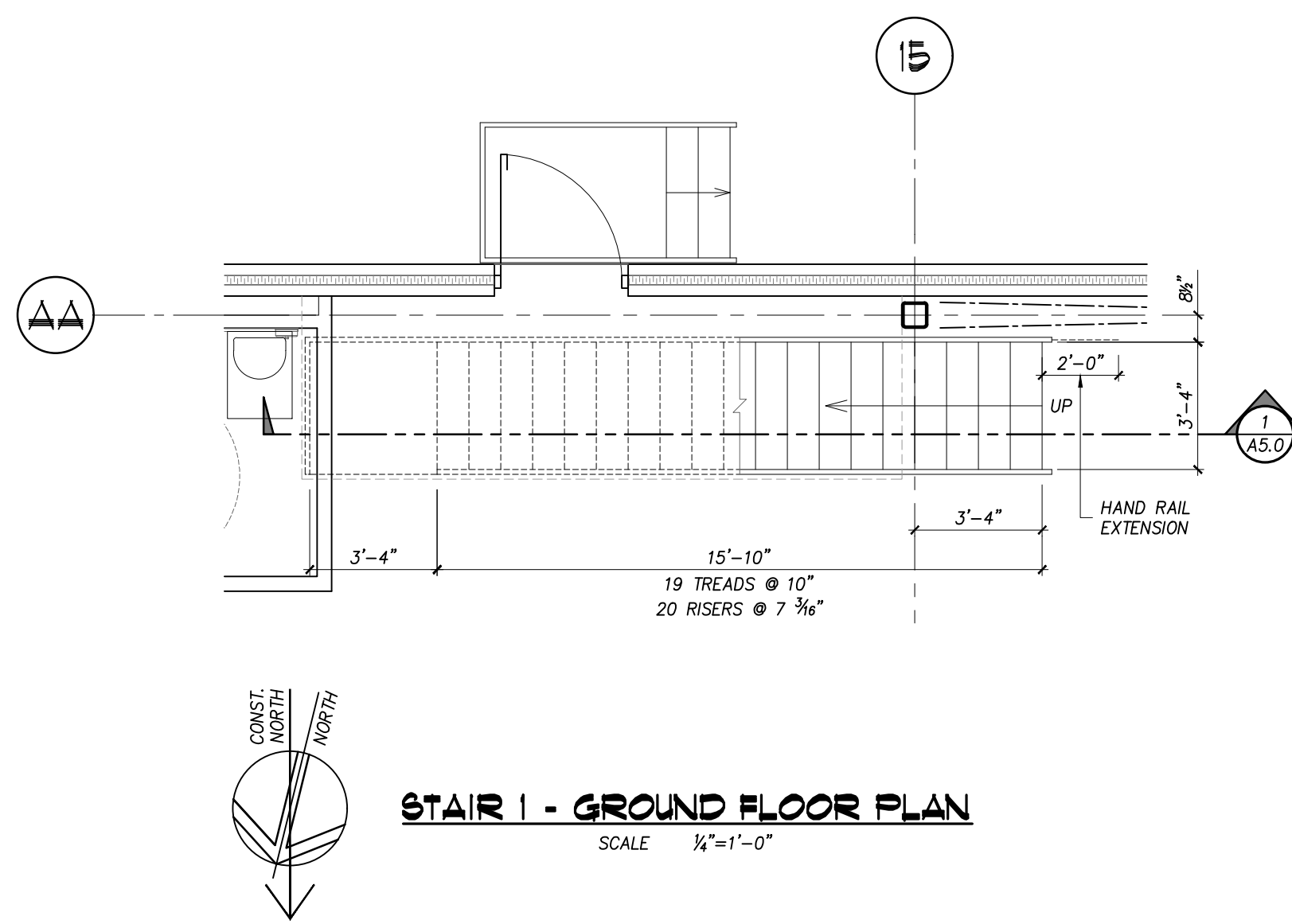
W7x50 BEAM
LINER PANEL
PREPRINTED
SHEET METAL TRIM
PREPRINTED
W7x50 BEAM

OWSJ

25'-0"
25'-0"

T.O. FLOOR

1	26/09/22	ISSUED FOR TENDER	
No.	DATE	REVISION	
R E V I S I O N S			
			
300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119			
LIBURDI AUTOMATION INC. PROPOSED MANUFACTURING ADDITION 45 INNOVATION DRIVE DUNDASONTARIO			
SECTIONS			
DATE APRIL, 2025	DRAWN BY AL	DRAWING No.	
PROJECT No. 18188	CHECKED BY HAPH	A4.2	



STAIR CONSTRUCTION NOTES:

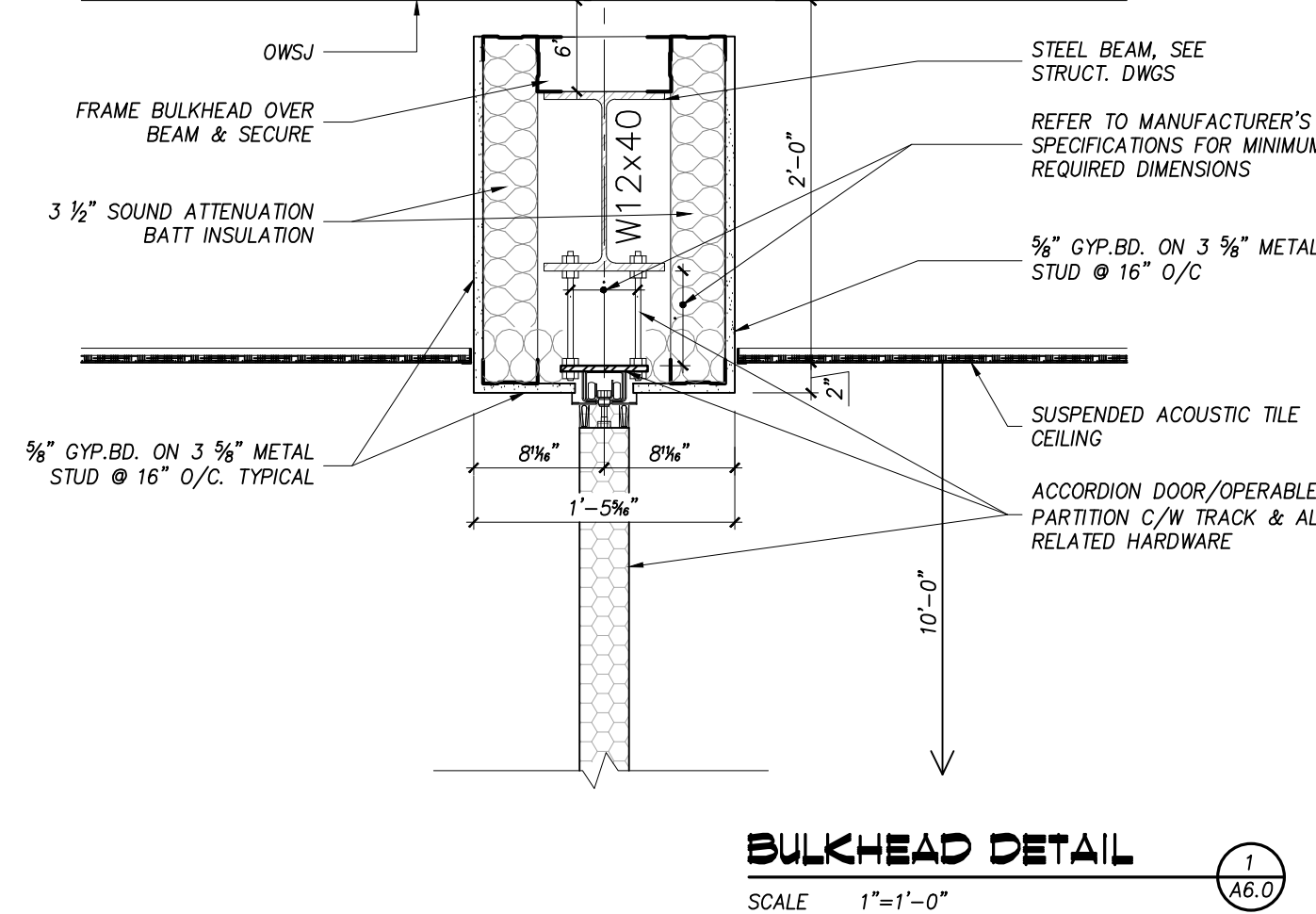
- STAIR COMPONENTS:
 - MC12x10.6 STEEL CHANNEL STRINGERS
 - CONC. FILLED METAL PANS
 - 1 1/2" # STEEL PIPE POSTS, TOP & BOTTOM RAILS
 - 1/2" # ROUND BAR PICKETS
- STAIR FINISHES:
 - STEEL: PAINT
 - TREADS: RUBBER TILE w/ SAFETY NOSING (TO BE CONFIRMED)

STAIR RAILING & GUARD NOTE:

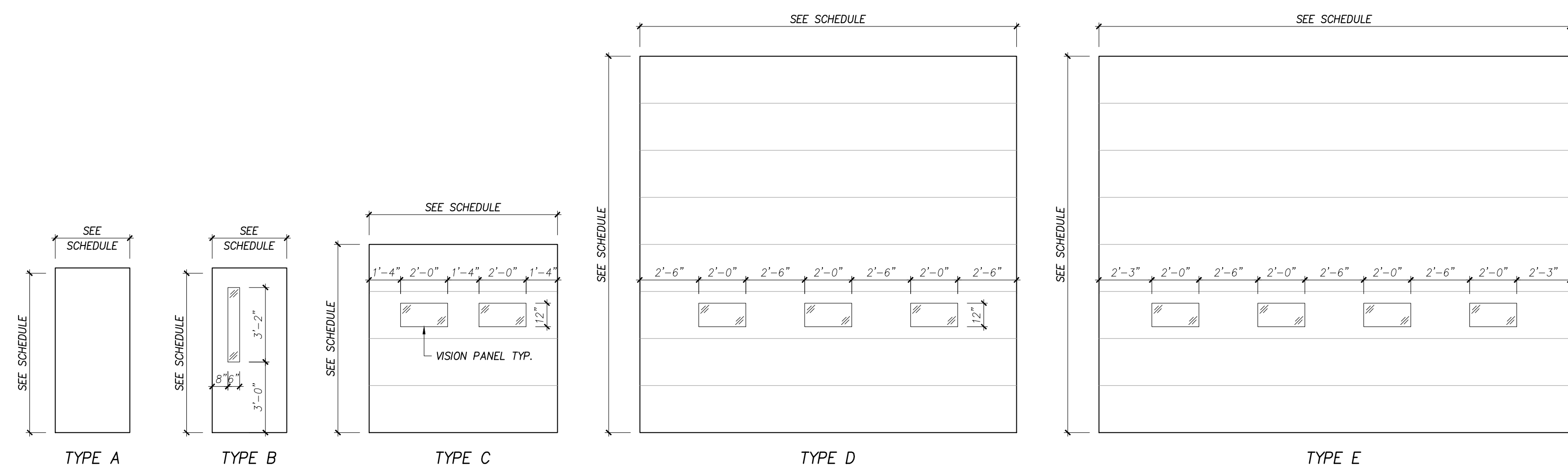
- THE HANDRAILS MUST BE DESIGNED TO WITHSTAND LOADING AS SPECIFIED IN O.B.C.-2024 DIV. B, ARTICLE 3.4.6.5, 3.4.6.6 & GUARD RAILS MUST BE DESIGNED TO WITHSTAND LOADING AS SPECIFIED IN ARTICLES 4.1.5.14 & 4.1.5.16. SHOP DRAWINGS ARE TO BE STAMPED BY A PROFESSIONAL ENGINEER.

2	26/09/22	ISSUED FOR TENDER
1	26/08/20	ISSUED FOR PERMIT/TENDER
No.	DATE	REVISION
REVISIONS		
300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119		
LIBURDI AUTOMATION INC.		
PROPOSED		
MANUFACTURING ADDITION		
45 INNOVATION DRIVE		
DUNDAS ONTARIO		
STAIR DETAILS		
DATE	DRAWN BY	DRAWING No.
APRIL, 2025	AL	A5.0
PROJECT No.	CHECKED BY	
18188	HAPH	

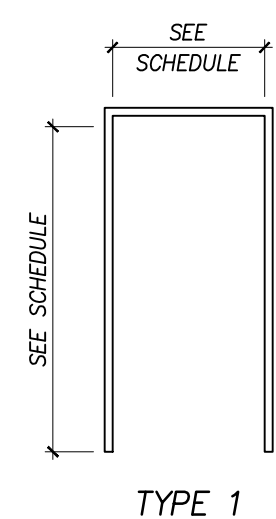
D201	TRAINING ROOM	STAIR 3	B	3'-2"	7'-0"	1 3/4"	HM	-	WG	3/4 HR	1	HM	3/4 HR	-	1, 2, 11
D202	TRAINING ROOM	WASHROOM	A	2'-4"	6'-8"	1 3/4"	HM	-	-	-	1	HM	-	-	1, 10
D203	TRAINING ROOM	WASHROOM	A	2'-4"	6'-8"	1 3/4"	HM	-	-	-	1	HM	-	-	1, 10
D204	TRAINING ROOM	STAIR 3 / ELEVATOR AREA	B	3'-2"	7'-0"	1 3/4"	HM	-	TEMP	-	1	HM	-	-	1, 2, 11
D205	FUTURE OPEN OFFICE	ACCESSIBLE WASHROOM	A	3'-2"	6'-8"	1 3/4"	HM	-	-	-	1	HM	-	POWER DOOR OPERATORS	1, 10
D206	FUTURE OPEN OFFICE	WASHROOM	A	2'-4"	6'-8"	1 3/4"	HM	-	-	-	1	HM	-	-	1, 10
D207	FUTURE OPEN OFFICE	WASHROOM	A	2'-4"	6'-8"	1 3/4"	HM	-	-	-	1	HM	-	-	1, 10



ABBREVIATIONS	HARDWARE LEGEND
ALUM - ALUMINUM	1 - HINGES
HM - HOLLOW METAL	2 - LOCKSET
HM - INSULATED HOLLOW METAL	3 - CLOSET
TEMP - TEMPERED	4 - CYLINDER LOCKSET W/ DEAD BOLT,
HT - HEATED	THUMB TURN, KEYS
HR - HURRY	5 - THRESHOLD AND BRUSH SWEEP
GLZ - GLAZED GLAZING	6 - WEATHER STRIPPING
POWG - POLISHED GROUND WREED GLASS	7 - EXIT DEVICE PANIC BAR WITH ALLEN KEY
RP - RUBBER WEAVING	8 - WALL STOP
IMP - INSULATED METAL PANEL	9 - FLOOR STOP
PF - PREFINISHED	10 - LEVER DOOR HANDLES WITH LOCKSET
WM - WOOD COMPOSITE MASONRY UNIT	11 - FLUSH DOOR
MC - METAL COMPOSITE TILE	12 - PULL HANDLE
CT - CERAMIC TILE	13 - KICK PLATE
VCB - VINYL COVE BASE	14 - KICK PLATE



DOOR TYPES



FRAME TYPE

2	26/09/22	ISSUED FOR TENDER	
1	26/08/20	ISSUED FOR PERMIT/TENDER	
No.	DATE	REVISION	
R E V I S I O N S			
 300 YORK BLVD HAMILTON, ONTARIO L8R 3K6 905-333-9119 LIBURDI AUTOMATION INC. PROPOSED MANUFACTURING ADDITION 45 INNOVATION DRIVE DUNDASONTARIO DOOR SCHEDULE			
DATE APRIL, 2025		DRAWN BY AL	
PROJECT No. 18188		CHECKED BY HAPH	
		DRAWING No. A6.0	