

GENERAL CODE DATA

32426 - LUNDIN LPR - MANKATO, MINNESOTA
CODE DATA

BUILDING CODE

2020 MINNESOTA BUILDING CODE (BASED ON 2018 INTERNATIONAL BUILDING CODE)
2020 MINNESOTA CONSERVATION CODE FOR EXISTING BUILDINGS (BASED ON 2018 INTERNATIONAL EXISTING BUILDING CODE)

ACCESSIBILITY CODE AND STANDARDS

2020 MINNESOTA ACCESSIBILITY CODE

OCCUPANCY CLASSIFICATION AND USE

MAIN OCCUPANCY:
FACTORY GROUP F-1

ACCESSORY OCCUPANCIES:
ASSEMBLY GROUP A-3
BUSINESS GROUP B
HIGH-HAZARD GROUP H-3

SPECIAL DETAILED REQUIREMENTS BASED ON OCCUPANCY AND USE

415 GROUPS H-1, H-2, H-3, H-4 AND H-5

FIRE PROTECTION SYSTEMS

FULLY SPRINKLERED (NFPA 13)
FIRE ALARM SYSTEM THROUGHOUT
EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM THROUGHOUT

MIXED USE AND OCCUPANCY

ACCESSORY OCCUPANCIES

CONSTRUCTION TYPE

TYPE IB
PRIMARY STRUCTURAL FRAME: 0 HOUR RATED
EXTERIOR BEARING WALLS: 0 HOUR RATED
INTERIOR BEARING WALLS: 0 HOUR RATED
EXTERIOR NONBEARING WALLS (BASED ON FIRE SEPARATION DISTANCE): 0 HOUR RATED
INTERIOR NONBEARING WALLS: 0 HOUR RATED
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS: 0 HOUR RATED
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS: 0 HOUR RATED

FIRE AND SMOKE PROTECTION FEATURES

EXTERIOR WALLS: 1 HOUR RATED (FOR 4' AT INTERSECTION OF FIRE WALL)
FIRE WALLS
BUILDING SEPARATION: 3 HOUR RATED
FIRE BARRIERS
CONTROL AREAS: 1 HOUR RATED
HORIZONTAL ASSEMBLIES
CONTROL AREAS: 1 HOUR RATED
OPENING PROTECTIVES
FIRE WALLS (3 HOURS): 3 HOUR RATED
FIRE BARRIERS (1 HOUR)
OTHER FIRE BARRIERS (1 HOUR): ¾ HOUR RATED
EXTERIOR WALLS (1 HOUR): ¾ HOUR RATED

BUILDING HEIGHT

BUILDING 1
TABULAR ALLOWABLE HEIGHT: 3 STORIES ABOVE GRADE PLANE / 75 FEET ABOVE GRADE PLANE
ACTUAL HEIGHT: 1 STORIES ABOVE GRADE PLANE / 23 FEET ABOVE GRADE PLANE
BUILDING 2
TABULAR ALLOWABLE HEIGHT: 3 STORIES ABOVE GRADE PLANE / 75 FEET ABOVE GRADE PLANE
ACTUAL HEIGHT: 1 STORIES ABOVE GRADE PLANE / 32 FEET ABOVE GRADE PLANE

BUILDING AREA

BUILDING 1
TABULAR ALLOWABLE AREA FACTOR (A₁): 62,000 SF
TOTAL ACTUAL BUILDING AREA: SEE BUILDING AREA SCHEDULE

BUILDING 2
TABULAR ALLOWABLE AREA FACTOR (A₂): 62,000 SF
AREA FACTOR INCREASE DUE TO FRONTAGE (I₁) = [(F / P) - 0.25] (W / 30)
[(1.214 / 1.314) - 0.25] (80 / 30) = 1.35
PERIMETER WITH MINIMUM 20 FEET OPEN (P): 1,214 FEET
PERIMETER OF ENTIRE BUILDING (P): 1,314 FEET
WIDTH OF OPEN SPACE (W)
WEIGHTED AVERAGE WIDTH (W) = [(L₁W) + (L₂W) + (L₃W)] / F
[(250)(145) + (406)(80) + (116)(55) + (145)(360) + (100)(0) + (412)(80) + (155)(20) + (65)(270) + (25)(316)] / 1,214 = 131.8 (PER
EXCEPTION W = 60)
ALLOWABLE AREA (A₁) = [A₁ + (NS)(I₁)]
[62,000 + (15,500)(1.35)] = 82,891 SF PER STORY

TOTAL ACTUAL BUILDING AREA: SEE BUILDING AREA SCHEDULE
TOTAL MEZZANINE AREA: SEE BUILDING AREA SCHEDULE

OCCUPANT LOAD

BUILDING 1
FIRST FLOOR
BUSINESS AREAS: 138 SF / 150 GROSS SF = 1 OCCUPANTS
INDUSTRIAL AREAS: 13,508 SF / 100 GROSS SF = 136 OCCUPANTS
TOTAL FIRST FLOOR: 137 OCCUPANTS
TOTAL BUILDING 1 OCCUPANT LOAD: 137 OCCUPANTS

BUILDING 2
FIRST FLOOR
ACCESSORY STORAGE / MECHANICAL: 188 SF / 300 GROSS SF = 1 OCCUPANTS
ASSEMBLY WITHOUT FIXED SEATS
UNCONCENTRATED (TABLES / CHAIRS)
(BREAK AREAS): 1,222 SF / 15 NET SF = 82 OCCUPANTS
BUSINESS AREAS: 3,484 SF / 150 GROSS SF = 24 OCCUPANTS
INDUSTRIAL AREAS: 61,010 SF / 100 GROSS SF = 611 OCCUPANTS
LOCKER ROOMS: 547 SF / 50 GROSS SF = 11 OCCUPANTS
WAREHOUSES: 9,275 SF / 500 GROSS SF = 19 OCCUPANTS
TOTAL FIRST FLOOR: 750 OCCUPANTS
MEZZANINE
BUSINESS AREAS: 498 SF / 150 GROSS SF = 4 OCCUPANTS
WAREHOUSES: 2,403 SF / 500 GROSS SF = 5 OCCUPANTS
TOTAL MEZZANINE: 9 OCCUPANTS
TOTAL BUILDING 2 OCCUPANT LOAD: 759 OCCUPANTS

MEANS OF EGRESS

MINIMUM NUMBER OF EXITS REQUIRED (BASED ON OCCUPANT LOAD)
BUILDING 1 - FIRST FLOOR: 2
BUILDING 2 - FIRST FLOOR: 3

ACTUAL NUMBER OF EXITS
BUILDING 1 - FIRST FLOOR: 2
BUILDING 2 - FIRST FLOOR: 9

MINIMUM EGRESS WIDTH REQUIRED

BUILDING 1:
FIRST FLOOR
OTHER EGRESS COMPONENTS: (137 OCCUPANTS)(0.20) = 27.40 INCHES

BUILDING 2:
FIRST FLOOR
OTHER EGRESS COMPONENTS: (750 OCCUPANTS)(0.20) = 150.00 INCHES
MEZZANINE
STAIRWAYS: (9 OCCUPANTS)(0.30) = 2.70 INCHES
OTHER EGRESS COMPONENTS: (9 OCCUPANTS)(0.20) = 1.80 INCHES

ACTUAL EGRESS WIDTH

BUILDING 1:
FIRST FLOOR
OTHER EGRESS COMPONENTS: 68 INCHES

BUILDING 2:
FIRST FLOOR
OTHER EGRESS COMPONENTS: 306 INCHES
STAIRWAYS: 132 INCHES
OTHER EGRESS COMPONENTS: 102 INCHES

COMMON PATH OF EGRESS TRAVEL DISTANCE (A): 75 FEET MAXIMUM
COMMON PATH OF EGRESS TRAVEL DISTANCE (B, F): 100 FEET MAXIMUM
COMMON PATH OF EGRESS TRAVEL DISTANCE (H-2): 25 FEET MAXIMUM
EXIT ACCESS TRAVEL DISTANCE (A, F-1): 250 FEET MAXIMUM
EXIT ACCESS TRAVEL DISTANCE (B): 300 FEET MAXIMUM
EXIT ACCESS TRAVEL DISTANCE (H-2): 100 FEET MAXIMUM
PANIC HARDWARE OR FIRE EXIT HARDWARE REQUIRED AT LATCHING AND/OR LOCKING DOORS AND GATES
SERVING A GROUP "A" OR GROUP "E" OCCUPANT LOAD OF 50 OR MORE

PLUMBING FIXTURES REQUIRED

ASSEMBLY
RESTAURANTS, BANQUET HALLS, FOOD COURTS
82 OCCUPANTS / 2 = 41 MEN AND 41 WOMEN
41 / 75 = 0.55 WATER CLOSETS FOR MEN
41 / 75 = 0.55 WATER CLOSETS FOR WOMEN
41 / 200 = 0.21 LAVATORIES FOR MEN
41 / 200 = 0.21 LAVATORIES FOR WOMEN
82 / 500 = 0.16 DRINKING FOUNTAINS

BUSINESS
29 OCCUPANTS / 2 = 15 MEN AND 15 WOMEN
15 / 1 PER 25 FIRST 50 THEN 1 PER 50 = 1.00 WATER CLOSETS FOR MEN
15 / 1 PER 25 FIRST 50 THEN 1 PER 50 = 1.00 WATER CLOSETS FOR WOMEN
15 / 1 PER 40 FIRST 80 THEN 1 PER 80 = 1.00 LAVATORIES FOR MEN
15 / 1 PER 40 FIRST 80 THEN 1 PER 80 = 1.00 LAVATORIES FOR WOMEN
29 / 100 = 0.29 DRINKING FOUNTAINS
FACTORY AND INDUSTRIAL
783 OCCUPANTS / 2 = 392 MEN AND 392 WOMEN
392 / 100 = 3.92 WATER CLOSETS FOR MEN
392 / 100 = 3.92 WATER CLOSETS FOR WOMEN
392 / 100 = 3.92 LAVATORIES FOR MEN
392 / 100 = 3.92 LAVATORIES FOR WOMEN
783 / 400 = 1.96 DRINKING FOUNTAINS
WAREHOUSES
2 OCCUPANTS / 2 = 1 MEN AND 1 WOMEN
1 / 100 = 0.01 WATER CLOSETS FOR MEN
1 / 100 = 0.01 WATER CLOSETS FOR WOMEN
1 / 100 = 0.01 LAVATORIES FOR MEN
1 / 100 = 0.01 LAVATORIES FOR WOMEN
2 / 1,000 = 0.002 DRINKING FOUNTAINS
TOTAL PLUMBING FIXTURES REQUIRED
5.47 (6) WATER CLOSETS FOR MEN
5.47 (6) WATER CLOSETS FOR WOMEN
5.12 (6) LAVATORIES FOR MEN
5.12 (6) LAVATORIES FOR WOMEN
2.41 (3) ACCESSIBLE DRINKING FOUNTAINS (2 HIGH SPOUT AND 2 LOW SPOUT)
1 SERVICE SINK

PLUMBING FIXTURES PROVIDED

5 WATER CLOSETS AND 3 URINALS FOR MEN
7 WATER CLOSETS FOR WOMEN
8 LAVATORIES FOR MEN (4 SINKS AND 1 4-PERSON HANDWASH STATION)
8 LAVATORIES FOR WOMEN (4 SINKS AND 1 4-PERSON HANDWASH STATION)
3 ACCESSIBLE DRINKING FOUNTAINS (1 HIGH SPOUT AND 2 LOW SPOUT)
1 SERVICE SINKS

CODE "BUILDING 1" AREA SCHEDULE

OCCUPANCY CLASSIFICATION	BUILDING AREA
FIRST FLOOR	
BUSINESS (GROUP B)	138 SF
FACTORY (GROUP F-1)	13,508 SF
	13,646 SF

CODE "BUILDING 2" AREA SCHEDULE

OCCUPANCY CLASSIFICATION	BUILDING AREA
FIRST FLOOR	
ASSEMBLY (GROUP A-3)	1,222 SF
BUSINESS (GROUP B)	3,484 SF
FACTORY (GROUP F-1)	71,019 SF
HIGH HAZARD (GROUP H-3)	606 SF
	76,330 SF
MEZZANINE	
BUSINESS (GROUP B)	498 SF
FACTORY (GROUP F-1)	2,403 SF
	2,901 SF

EGRESS PATH SCHEDULE

MARK	TRAVEL DISTANCE	CLEAR WIDTH	COMMENTS
EGRESS PATH 1	154'	34"	
EGRESS PATH 2	182'	34"	
EGRESS PATH 3	163'	34"	
EGRESS PATH 4	143'	34"	
EGRESS PATH 5	107'	34"	
EGRESS PATH 6	88'	34"	
EGRESS PATH 7	77'	34"	
EGRESS PATH 8	62'	34"	
EGRESS PATH 9	198'	34"	
EGRESS PATH 10	138'	34"	
EGRESS PATH 11	92'	34"	
EGRESS PATH 12	96'	34"	
EGRESS PATH 13	33'	34"	

WALL LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	EXISTING RATED INTERIOR CONSTRUCTION TO REMAIN
	EXISTING RATED EXTERIOR CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION
	NEW RATED INTERIOR CONSTRUCTION
	NEW RATED EXTERIOR CONSTRUCTION

CONTRACTOR TO VERIFY EXISTING RATED WALL CONSTRUCTION IN FIELD AND REPORT ANY DISCREPANCIES TO THE PROJECT ARCHITECT.

CODE DATA PLAN KEY

	EGRESS PATH
	EXIT
	FIRE EXTINGUISHER
	SEMI-RECESSED FIRE EXTINGUISHER CABINET
	FRONTAGE DISTANCE
	KNOX BOX
	FIRE DEPARTMENT CONNECTION
EW1	1-HOUR EXTERIOR WALL
FW3	3-HOUR FIRE WALL
FB1	1-HOUR FIRE BARRIER

FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. SUCH IDENTIFICATION SHALL:
1. BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACES.
2. BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION, AND
3. INCLUDE LETTERING NOT LESS THAN 3 INCHES IN HEIGHT WITH A MINIMUM 3/8" STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING "FIRE" AND/OR SMOKE BARRIER, "PROTECT ALL OPENINGS" OR OTHER SIMILAR WORDING.

FIRE SUPPRESSION NOTES

(MODIFIED OR ADDITION TO EXISTING SPRINKLER SYSTEM)
THROUGHOUT AREA OF WORK, MODIFY EXISTING AND / OR PROVIDE A NEW NFPA 13 FIRE SUPPRESSION (SPRINKLER) SYSTEM. THE LICENSED AUTOMATIC SPRINKLER SYSTEM DESIGNER / INSTALLER SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO BID. THE NFPA 13 SPRINKLER SYSTEM SHALL BE DESIGNED, INSTALLED, MODIFIED AND TESTED BY A LICENSED AUTOMATIC SPRINKLER SYSTEM DESIGNER / INSTALLER AND SHALL MEET ALL APPLICABLE CODE REQUIREMENTS. THE LICENSED AUTOMATIC SPRINKLER SYSTEM DESIGNER SHALL PROVIDE AUTOMATIC SPRINKLER SYSTEM DESIGN DOCUMENTS AND SHALL SUBMIT THEM TO ALL APPLICABLE JURISDICTIONS AND AUTHORITIES AND SHALL PROCURE ALL NECESSARY PERMITS. SPRINKLER DESIGNER / INSTALLER SHALL PAY ALL NECESSARY PERMITTING FEES.
DESIGN OF NEW / MODIFIED NFPA 13 SPRINKLER SYSTEM SHALL BE BASED ON, BUT NOT LIMITED TO THE FOLLOWING CRITERIA:
1. COMPLY WITH NFPA 13 AND ALL OTHER APPLICABLE CODES.
2. MODIFY EXISTING SPRINKLER HEAD LAYOUT TO PROVIDE ADEQUATE COVERAGE PER CODE REQUIREMENTS.
3. MODIFY EXISTING SPRINKLER HEAD AND PIPING LAYOUT INCLUDING ALL DROPS, ARM-OVERS AND MAIN PIPES TO AVOID RELOCATED DIFFUSERS, LIGHT FIXTURES, MECHANICAL WORK, PLUMBING WORK, ELECTRICAL WORK, DEMOLITION WORK, NEW CONSTRUCTION WORK AND ALL OTHER WORK AND COMPONENTS IN THE CONTRACT.
4. COMPLETE ALL TEMPORARY AND PERMANENT WORK NECESSARY FOR THE REMOVAL AND REPLACEMENT OF CEILING GRIDS, INCLUDING NEW CEILING GRIDS AND GRIDS REMOVED AND REPLACED ONLY TO COMPLETE OTHER WORK.
5. PROVIDE PROPER COVERAGE IN CONCEALED SPACES AS REQUIRED PER CODE.
6. WHERE INSTALLING NEW WORK ADJACENT TO EXISTING, MATCH NEW COMPONENTS TO EXISTING COMPONENTS WITHIN CODE LIMITATIONS.
7. ALL NEW AND RELOCATED SPRINKLER PIPING AND COMPONENTS SHALL BE CONCEALED ABOVE CEILINGS AND WITHIN WALLS.
8. ALL SPRINKLER HEADS TO BE INSTALLED IN ACoustICAL CEILING TILE SHALL BE INSTALLED IN CENTER OF TILE.

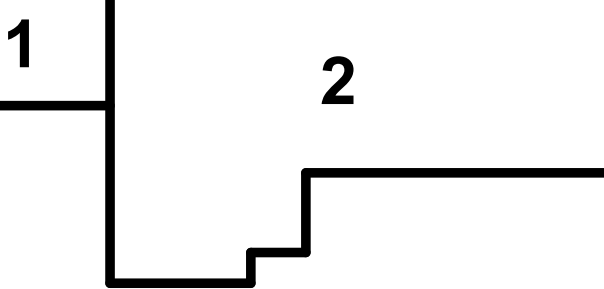
OCCUPANCY CLASSIFICATION LEGEND

	ASSEMBLY (GROUP A-3)
	BUSINESS (GROUP B)
	FACTORY (GROUP F-1)
	HIGH HAZARD (GROUP H-3)

REFERENCE SCALE
0 1/4" 1/2" 1" 2"
1" = 1'-0"

1 FIRST FLOOR CODE DATA PLAN
3/64" = 1'-0"

4/17/2026 8:31:45 AM



CODE "BUILDING" KEYPLAN

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE 10/27/2025 LIC. NO. 64146

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JOSHUA AARON GROSS

DATE 10/27/2025 LIC. NO. 64146

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PROJECT

ROLLS ROYCE
SOLUTIONS
AMERICA, INC.
LUNDIN LPR
#1180

MANKATO MINNESOTA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY
10/27/25	ADDENDUM #1	JG
03/20/26	ADDENDUM #2	
04/17/26	ADDENDUM #3	

PROJECT NO.	25-32426
FILE NAME	32426 Arch R24.rvt
DRAWN BY	CZB
DESIGNED BY	JAG
REVIEWED BY	JAG
ORIGINAL ISSUE DATE	09/23/25
CLIENT PROJECT NO.	1180

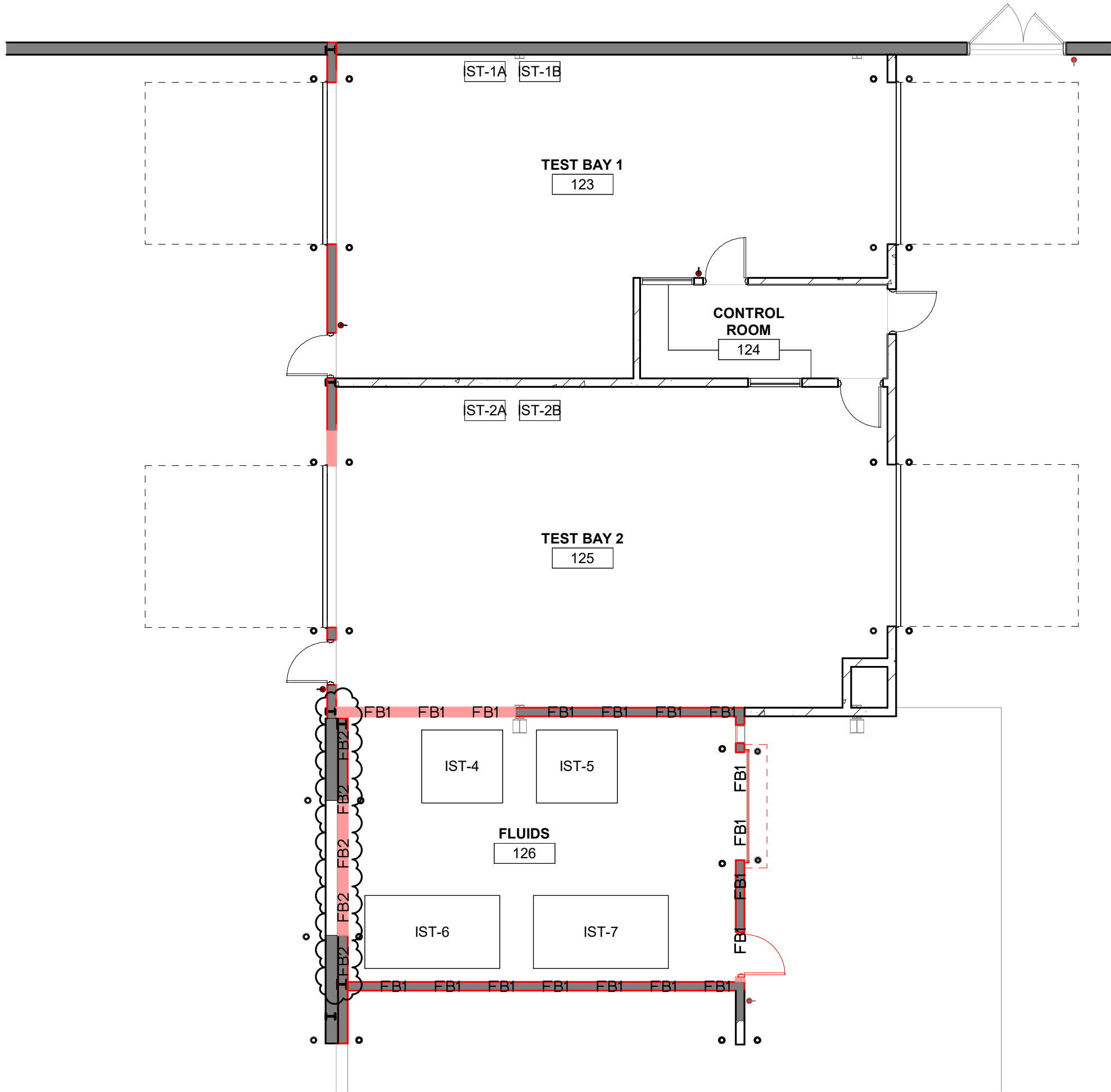
TITLE

CODE DATA AND
FIRST FLOOR
CODE DATA PLAN

SHEET

G1-21

OST-1



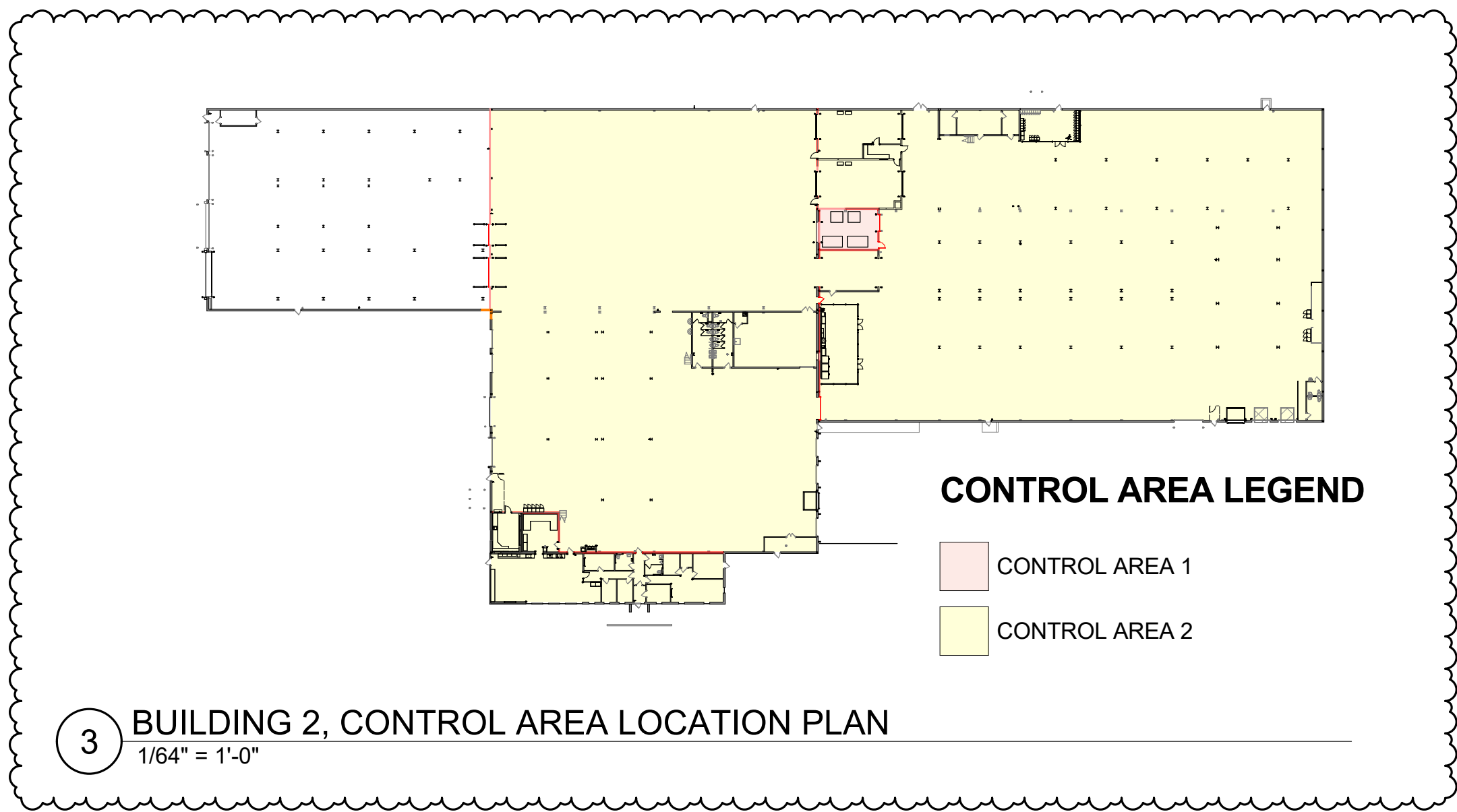
1 NEW STORAGE TANK LOCATION PLAN
1/8" = 1'-0"

INDOOR STORAGE TANK SCHEDULE						
MARK	DESCRIPTION	CAPACITY (GALLONS)	LIQUID TYPE	LIQUID PRODUCT / MANUFACTURER	HAZARD CLASSIFICATION (2020 MN FIRE CODE)	COMMENTS
IST-4	DOUBLE-WALLED STORAGE TANK	750	OIL	TITAN CARGO MAXX 10W-40 / FUCHS SCHMIERSTOFFE GMBH	COMBUSTIBLE LIQUIDS CLASS II	REFER TO NOTE 1
IST-5	DOUBLE-WALLED STORAGE TANK	750	WASTE		COMBUSTIBLE LIQUIDS CLASS II	REFER TO NOTE 1
IST-6	DOUBLE-WALLED STORAGE TANK	1500	COOLANT	FINAL CHARGE GLOBAL CONCENTRATE ANTIFREEZE AND COOLANT / OLD WORLD INDUSTRIES LLC	COMBUSTIBLE LIQUIDS CLASS II	REFER TO NOTE 1
IST-7	DOUBLE-WALLED STORAGE TANK	1500	COOLANT	FLEET CHARGE 50/50 PREDILUTED ANTIFREEZE AND COOLANT / OLD WORLD INDUSTRIES LLC	COMBUSTIBLE LIQUIDS CLASS II	REFER TO NOTE 1
BUILDING 2, CONTROL AREA 1		4500				
IST-1A	DOUBLE-WALLED STORAGE TANK / SPLIT: 25 GAL AND 25 GAL	50	DIESEL / HVO	-	COMBUSTIBLE LIQUIDS CLASS II	REFER TO NOTE 1
IST-1B	DOUBLE-WALLED STORAGE TANK / SPLIT: 25 GAL AND 25 GAL	50	DIESEL / HVO	-	COMBUSTIBLE LIQUIDS CLASS II	REFER TO NOTE 1
IST-2A	DOUBLE-WALLED STORAGE TANK / SPLIT: 25 GAL AND 25 GAL	50	DIESEL / HVO	-	COMBUSTIBLE LIQUIDS CLASS II	REFER TO NOTE 1
IST-2B	DOUBLE-WALLED STORAGE TANK / SPLIT: 25 GAL AND 25 GAL	50	DIESEL / HVO	-	COMBUSTIBLE LIQUIDS CLASS II	REFER TO NOTE 1
BUILDING 2, CONTROL AREA 2		200				

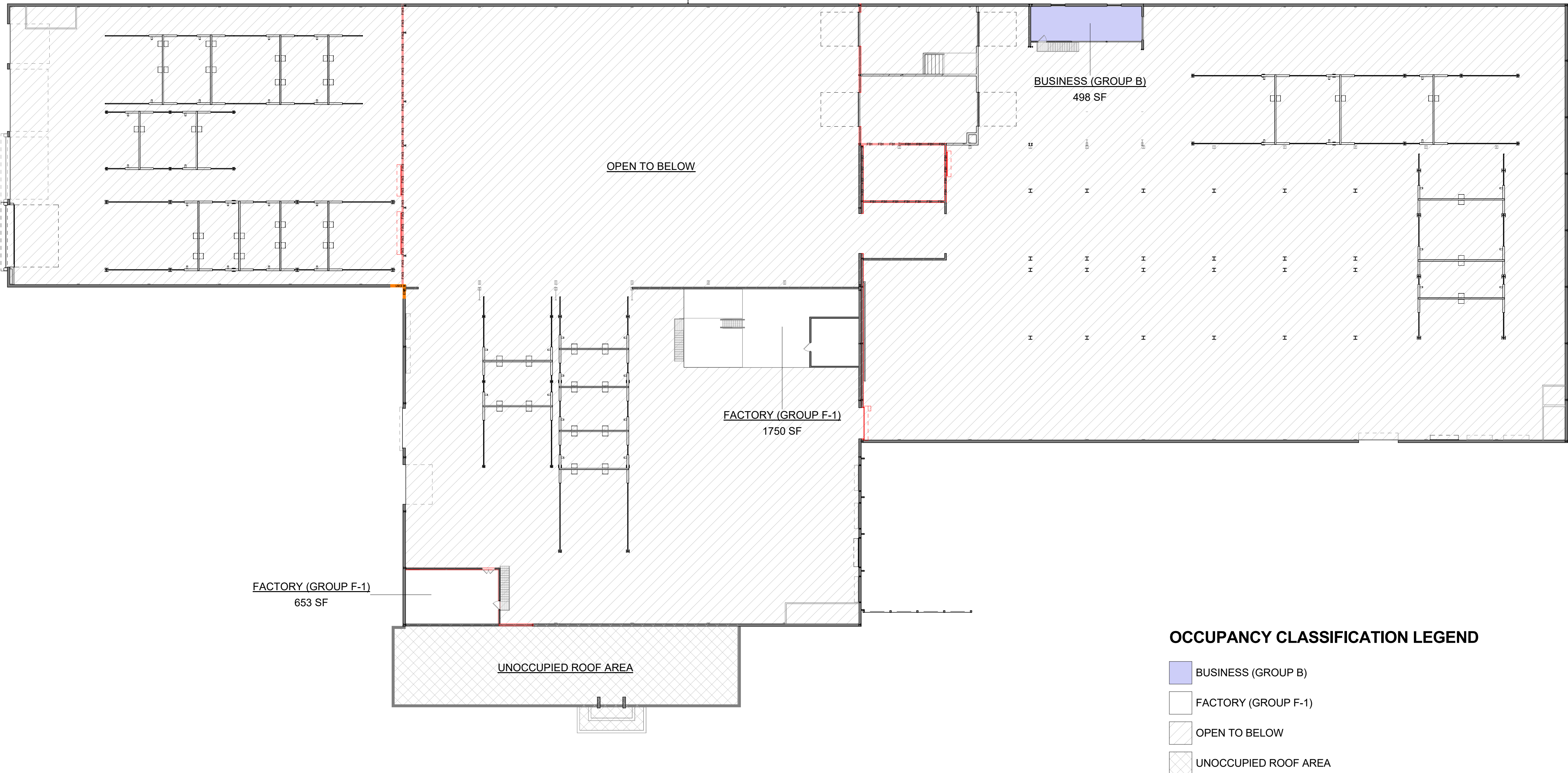
OUTDOOR STORAGE TANK SCHEDULE						
MARK	DESCRIPTION	CAPACITY (GALLONS)	LIQUID TYPE	LIQUID PRODUCT / MANUFACTURER	HAZARD CLASSIFICATION (2020 MN FIRE CODE)	COMMENTS
OST-1	DOUBLE-WALLED STORAGE TANK / SPLIT: 1000 GAL AND 1000 GAL	2000	DIESEL / HVO	-	COMBUSTIBLE LIQUIDS CLASS II	REFER TO NOTE 1
OST-2	DOUBLE-WALLED STORAGE TANK / SPLIT: 100 GAL AND 100 GAL	200	DIESEL / HVO	-	COMBUSTIBLE LIQUIDS CLASS II	REFER TO NOTE 1, 2
		2200				

NOTES:

- FURNISHED BY OWNER, GENERAL CONTRACTOR TO RECEIVE, UNLOAD, STORE, PROTECT, AND INSTALL.
- EXISTING TANK TO BE RELOCATED, REFER TO CIVIL PLANS.



3 BUILDING 2, CONTROL AREA LOCATION PLAN
1/64" = 1'-0"



2 MEZZANINE CODE DATA PLAN
3/64" = 1'-0"

CODE "BUILDING 1" AREA SCHEDULE	
OCCUPANCY CLASSIFICATION	BUILDING AREA
FIRST FLOOR	
BUSINESS (GROUP B)	138 SF
FACTORY (GROUP F-1)	13,508 SF
	13,646 SF

CODE "BUILDING 2" AREA SCHEDULE	
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ASSEMBLY (GROUP A-3)	1,222 SF
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FACTORY (GROUP F-1)	71,019 SF
HIGH HAZARD (GROUP H-3)	606 SF
	76,330 SF

MEZZANINE	
BUSINESS (GROUP B)	498 SF
FACTORY (GROUP F-1)	2,403 SF
	2,901 SF

EGRESS PATH SCHEDULE			
MARK	TRAVEL DISTANCE	CLEAR WIDTH	COMMENTS
EGRESS PATH 1	154'	34"	
EGRESS PATH 2	188'	34"	
EGRESS PATH 3	164'	34"	
EGRESS PATH 4	143'	34"	
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EGRESS PATH 6	88'	34"	
EGRESS PATH 7	77'	34"	
EGRESS PATH 8	62'	34"	
EGRESS PATH 9	198'	34"	
EGRESS PATH 10	138'	34"	
EGRESS PATH 11	92'	34"	
EGRESS PATH 12	96'	34"	
EGRESS PATH 13	33'	34"	

WALL LEGEND	
	EXISTING CONSTRUCTION TO REMAIN
	EXISTING RATED INTERIOR CONSTRUCTION TO REMAIN
	EXISTING RATED EXTERIOR CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION
	NEW RATED INTERIOR CONSTRUCTION
	NEW RATED EXTERIOR CONSTRUCTION

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	EGRESS PATH
	EXIT
	FIRE EXTINGUISHER
	SEMI-RECESSED FIRE EXTINGUISHER CABINET
	FRONTAGE DISTANCE
	KNOX BOX
	FIRE DEPARTMENT CONNECTION
EW1	1-HOUR EXTERIOR WALL
FW3	3-HOUR FIRE WALL
FB1	1-HOUR FIRE BARRIER

FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. SUCH IDENTIFICATION SHALL:

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- BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION, AND
- INCLUDE LETTERINGS NOT LESS THAN 3 INCHES IN HEIGHT WITH A MINIMUM 3/8" STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS" OR OTHER SIMILAR WORDING.



1 2

CODE "BUILDING" KEYPLAN

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PROJECT

**ROLLS ROYCE
SOLUTIONS
AMERICA, INC.
LUNDIN LPR
#1180**

MANKATO

MINNESOTA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY
10/27/25	ADDENDUM #1	JG
03/20/26	ADDENDUM #2	
05/20/26	ADDENDUM #4	JG

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DRAWN BY	CZB
DESIGNED BY	JAG
REVIEWED BY	JAG
ORIGINAL ISSUE DATE	09/23/25
CLIENT PROJECT NO.	1180

TITLE

**MEZZANINE CODE
DATA PLANS AND
TANK LOCATION
PLAN**

SHEET

G1-22

REFERENCE SCALE
1" = 1'-0"
0 1/4" 1/2" 1" 2"

5/20/2026 11:52:38 AM