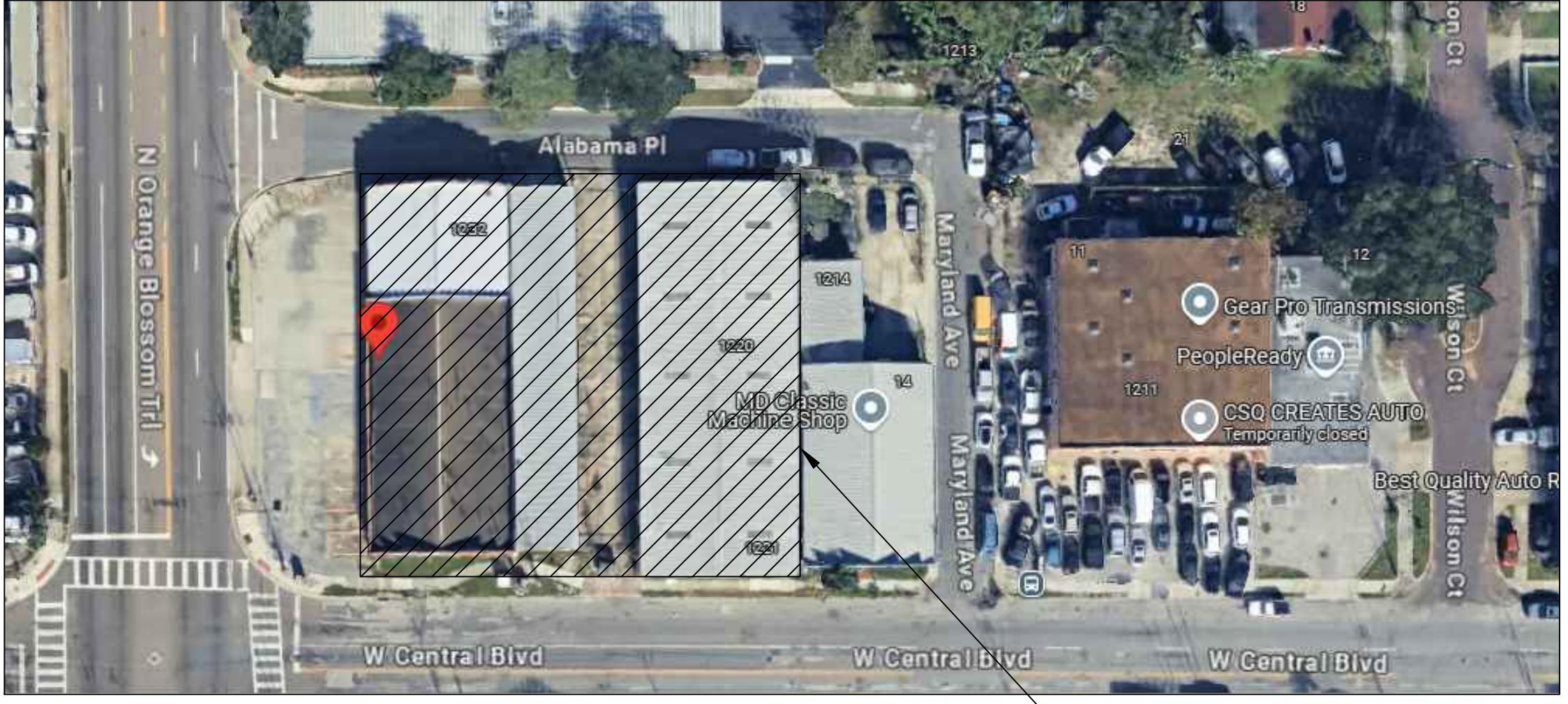


INTERIOR RENOVATION OF AN EXISTING SPACE TO YUEXING AUTO SHOP

5 N ORANGE BLOSSOM TRL, ORLANDO, FL 32805



SITE MAP
SCALE: N.T.S.

SHEET INDEX	
1	O1 COVER SHEET
2	D1 DEMOLITION PLAN
3	A1 FLOOR PLAN
4	A2 LIFE SAFETY PLAN
5	A2-1 OCCUPANCY LOAD PLAN
6	A3 REFLECTED CEILING PLAN
7	A4 ELEVATION
8	A4-1 ELEVATION
9	A4-2 ELEVATION
10	A4-3 ELEVATION
11	A4-4 ELEVATION
12	A4-5 ELEVATION
13	A5 ELEVATION DETAIL
14	A6 DOOR & GLAZING DETAIL
15	A7 ARCHITECTURAL DETAIL
16	M1 MECHANICAL NOTES
17	M2 HVAC PLAN
18	M3 MECHANICAL DETAIL
19	E1 ELECTRICAL PLAN
20	E2 LIGHTING PLAN
21	E3 ELECTRICAL PANEL SCHEDULE
22	P1 PLUMBING NOTE
23	P2 SANITARY PLAN
24	P3 WATER SUPPLY PLAN
25	P4 PLUMBING RISER DIAGRAM
26	P5 PLUMBING RISER DIAGRAM
27	P6 PLUMBING DETAIL

CODE CLASSIFICATION:
 2023 FLORIDA BUILDING CODE-BUILDING (8TH EDITION)
 2023 FLORIDA BUILDING CODE-EXISTING BUILDING (8TH EDITION)
 2023 FLORIDA BUILDING CODE-ACCESSIBILITY (8TH EDITION)
 2023 FLORIDA BUILDING CODE-ENERGY CONSERVATION (8TH EDITION)
 2023 FLORIDA BUILDING CODE-MECHANICAL (8TH EDITION)
 2023 FLORIDA BUILDING CODE-PLUMBING (8TH EDITION)
 2023 FLORIDA FIRE PREVENTION CODE (8TH EDITION)
 2020 NATIONAL ELECTRICAL CODE

PROJECT DATA:
 1. TOTAL SQUARE FOOTAGE: 20,048 SQ.FT.
 2. CONSTRUCTION TYPE: II-B
 3. USE/OCCUPANCY CLASSIFICATION: STORAGE(S-I)
 4. FIRE SPRINKLER SYSTEMS: YES
 (ANY ALTERATION TO EXISTING FIRE SPRINKLER, CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR PERMIT AND APPROVAL.)
 5. BUILDING OCCUPANCY (PER 2023 FLORIDA BUILDING CODE(8TH EDITION))

OCCUPANT LOAD(PER FBC 1004.5)					
SPACE DESCRIPTION	SEATING TYPE	AREA	AREA PER OCCUPANT	CALCULATED OCCUPANT LOAD	SEAT PROVIDED
BUSINESS AREA(RECEPTION, VEHICLE DETAIL AREA, UTILITY ROOM, MECHANICAL ROOM)		3645 SF	150	24	
ASSEMBLY (BREAKROOM, REST AREA)		406 SF	15	27	
STORAGE(OIL CHANGE AREA, VEHICLE REPAIR AREA, STORAGE)		11013 SF	300	37	
MERCANTILE(SHOW AREA)		1008 SF	60	17	
TOTAL				105	

- NUMBER OF EXITS (FBC SECTION 1006.2.1)
REQUIRED: 2
PROVIDED: 5
- EGRESS WIDTH (FBC SECTION 1005.1)
EXIT CAPACITY CALCULATIONS (DOORS) 105×0.20 (SPRINKLED) = 21" REQUIRED
MAIN EXIT PROVIDED: 64" > 10.5" (21"/2) (50% OF THE REQUIRED CAPACITY)
OTHER EXITS PROVIDED: 128" > 10.5" (21"/2) (50% OF THE REQUIRED CAPACITY)
TOTAL EXIT PROVIDED: 192" > 21" REQUIRED
- MAXIMUM EXIT ACCESS TRAVEL DISTANCE (FBC SECTION 1017.2)

	MAX. DIAGONAL DISTANCE BETWEEN EXITS	ALLOWABLE MAX. TRAVEL DISTANCE
TO FRONT	79'-3"	
TO SIDE	95'-11"	115'-4"(<250')
TO BACK	101'-10"	250'-0"

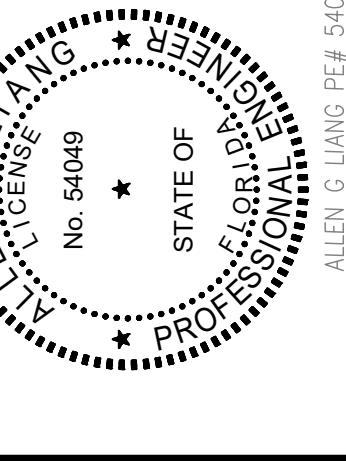
- DEFERRED SUBMITTAL:**
 1. FIRE SPRINKLER: FIRE SPRINKLER CONTRACTOR SHALL SUBMIT FIRE SPRINKLER SHOP DRAWING UNDER SEPARATE PERMIT.

- FIRE SAFETY NOTE:**
 1. FIRE EXTINGUISHER, PER 2018 N.F.P.A. #10.

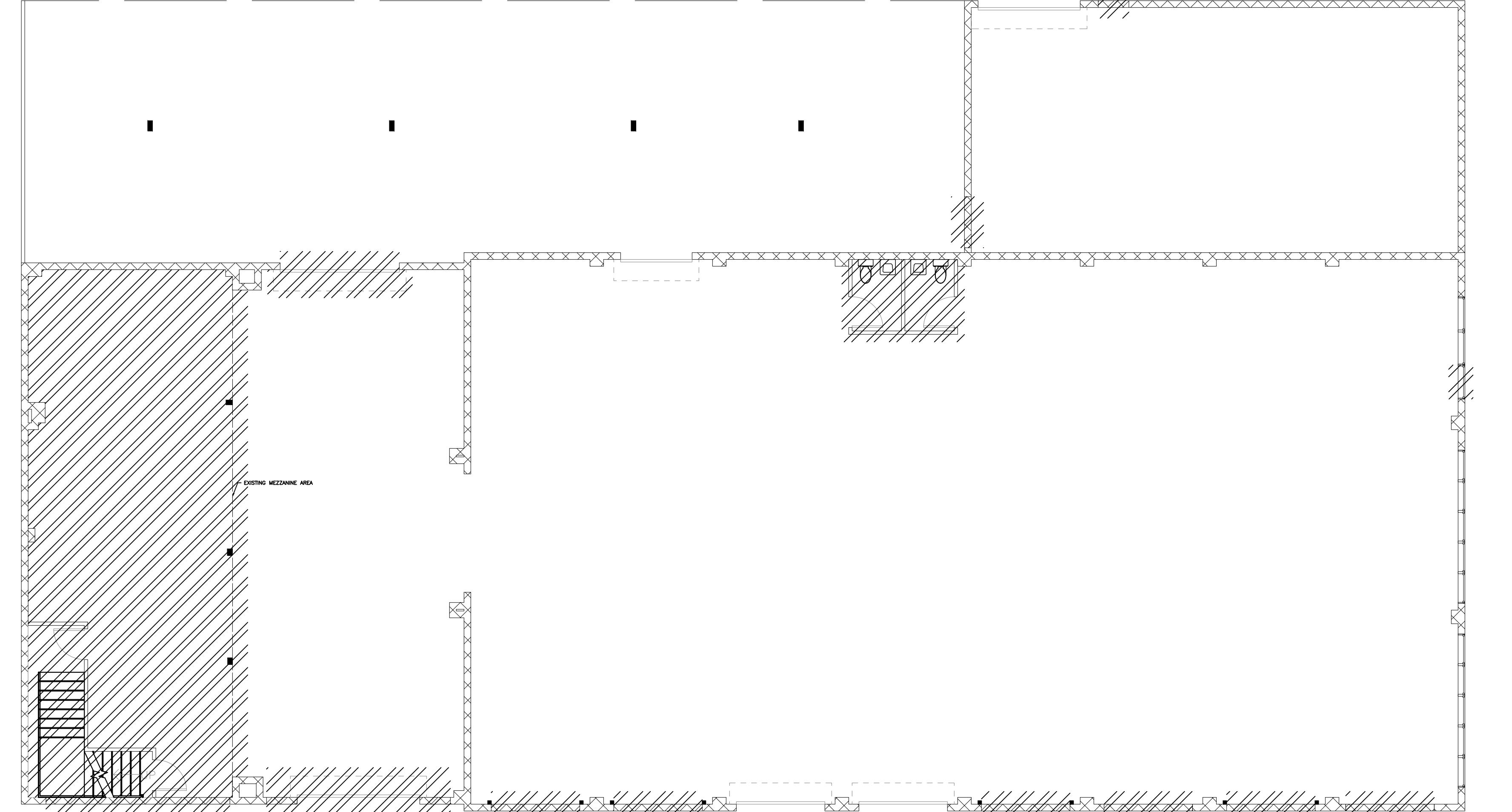
- FINISH NOTES:**
 1. INTERIOR FINISH SHALL COMPLY WITH 2023 FBC 801.2 & 801.3, 803 AND 804.
 2. EXIT ENCLOSURES AND EXIT PASSAGEWAYS: CLASS B
 CORRIDOR: CLASS B
 ROOMS AND ENCLOSED SPACES: CLASS C
 CLASS A: FLAME SPREAD 0-25, SMOKE DEVELOPED 0-450
 CLASS B: FLAME SPREAD 26-75, SMOKE DEVELOPED 0-450
 CLASS C: FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450
 3. ALL DECORATIVE MATERIALS SUSPENDED FROM WALLS OR CEILINGS SHALL MEET FBC 801.4 & 806.
 4. WALL AND CEILING FINISH SHOULD MEET CLASS A, B, C, PER NFPA 101:12.3.3.3
 5. FLOOR FINISH SHALL MEET EITHER: A) ASTM D 2859 FOR CARPET AND CARPET LIKE MATERIALS OR B) HAS A MINIMUM CRITICAL RADIANT FLUX OF .1 W/CM2 FOR NON CARPET FLOORING. PER NFPA. 101:12.3.3.5.3.
 6. FURNISHINGS, DECORATIONS AND SCENERY SHALL MEET NFPA.101:12.7.4

- GENERAL NOTES:**
- THE CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO ANY WORK AND SHALL BE RESPONSIBLE FOR ALL WORK AND MATERIALS INCLUDING THAT FURNISHED BY SUBCONTRACTORS.
 - DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS; DO NOT SCALE DRAWINGS TO DETERMINE ANY LOCATION. THE OWNER SHALL BE NOTIFIED IF ANY DISCREPANCY OCCURS PRIOR TO CONTINUING WITH WORK.
 - ALL CONSTRUCTION SHALL COMPLY WITH THE APPLICABLE BUILDING CODES AND LOCAL RESTRICTIONS.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING MECHANICAL AND ELECTRICAL SERVICES AND DISTRIBUTION SYSTEMS WHETHER SHOWN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSE OR REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE PERFORMANCE OF THE WORK.
 - ALL WORK SHALL BE ACCOMPLISHED WITH QUALITY WORKMANSHIP OF THE HIGHEST INDUSTRY STANDARDS. ALL MATERIALS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS. MATERIALS AND METHODS SHALL CONFORM TO THE APPROPRIATE NATIONAL TRADE BOOKS; I.E. TILE COUNCIL OF AMERICA, HANDBOOK FOR CERAMIC TILE INSTALLATION; ARCHITECTURAL WOODWORK INSTITUTE, "QUALITY STANDARDS." ETC.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR JOB SAFETY, AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE SAFETY OF WORKERS AND OCCUPANTS AT ALL TIMES.
 - ALL ELECTRICAL, MECHANICAL, AND PLUMBING WORK SHALL CONFORM TO STATE AND LOCAL REQUIREMENTS.
 - REMODEL WORK SHALL NOT OBSTRUCT, OR CAUSE TO BE INOPERATIVE, EXISTING FIRE PROTECTION SYSTEMS. MODIFICATION TO FIRE PROTECTION SYSTEMS SHALL BE PERFORMED BY A FIRE PROTECTION CONTRACTOR, WHO SHALL OBTAIN A PERMIT FROM FIRE LOSS MANAGEMENT PRIOR TO WORK.
 - DECORATIVE MATERIALS, DRAPES, HANGINGS, ETC., SHALL BE NON FLAMMABLE OR FLAME-PROOF PER STATE FIRE MARSHALL REQUIREMENTS.
 - MINIMUM FLAME SPREAD CLASSIFICATION OF INTERIOR FINISH SHALL CONFORM TO THE BUILDING CODE AND LOCAL GOVERNING BUILDING CODES/ORDINANCES.
 - FIRE SPRINKLER CONTRACTOR SHALL SUBMIT SEPARATE PERMIT APPLICATION FOR APPROVAL.

PLUMBING FIXTURE CALCULATION (PER FBCP 403.1)		
SPACE DESCRIPTION		STORAGE(S-1)
TOTAL OCCUPANCY LOAD		105
WATER CLOSET	REQUIREMENT	1 PER 100
	REQUIRED	2
	PROVIDED	WATER CLOSET
		2
		URINAL
LAVATORY	REQUIREMENT	1 PER 100
	REQUIRED	2
	PROVIDED	2
DRINKING FOUNTAIN	REQUIREMENT	1 PER 1,000
	REQUIRED	1
	PROVIDED	2
SERVICE SINK	REQUIRED	1
	PROVIDED	1

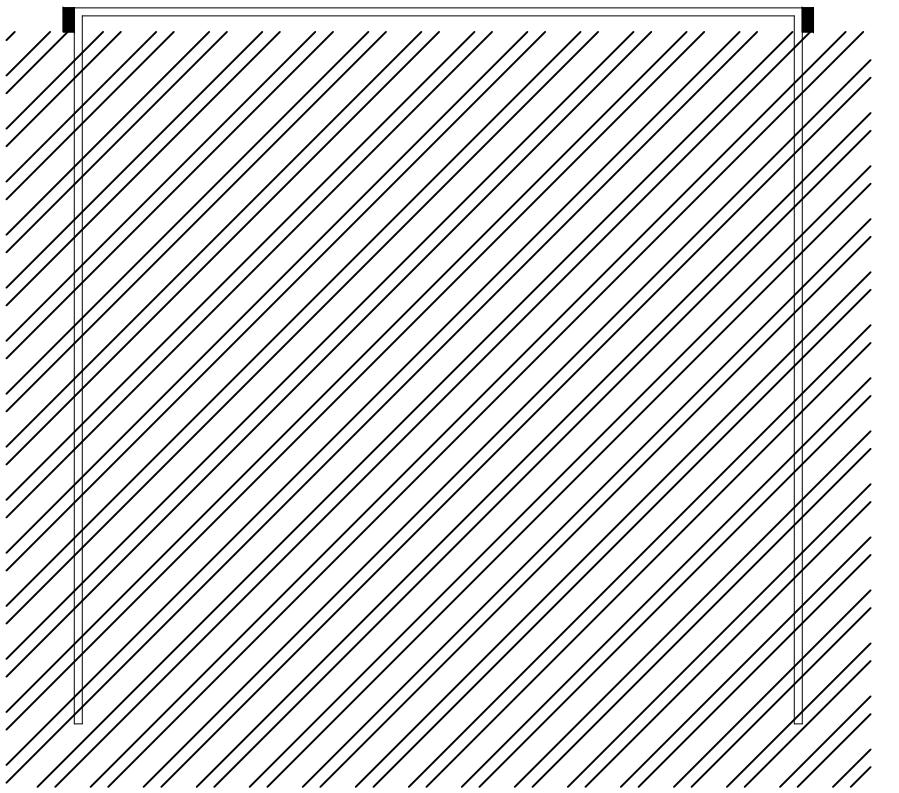
DESIGN: GREENLOGIC, LLC PO BOX 678 GOTHA FLORIDA 34734-0407 808-1816 CA# 30527 A&E THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ALLEN G LIANG PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	
	
SIGN & SEAL	
PROJECT: YUEXING AUTO SHOP 5 N ORANGE BLOSSOM TRL. ORLANDO, FL 32805	
CONSTRUCTION	<input type="checkbox"/>
PRELIM	<input checked="" type="checkbox"/>
APPROVAL	<input type="checkbox"/>
PERMIT	<input type="checkbox"/>
COVER SHEET	
REVISION	1 2 3 4 5 6 7
PROJECT TYPE:	RENOVATION
SCALE:	AS SHOWN
ISSUED DATE:	01-17-2025
DRAWN BY:	L.LIN
CHECKED BY:	A.LIANG
SHEET	1

G1



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

DEMOLITION AREA



GENERAL DEMOLITION NOTE:

1. THE FOLLOWING REQUIREMENTS FOR DEMOLITION, CUTTING AND PATCHING APPLY TO ALL WORK WHICH IS ALTERED, WHETHER SUCH WORK IS NEW, EXISTING, RENOVATED OR REPLACED;
2. ASBESTOS SURVEY AND ABATEMENT: PRIOR TO DEMOLITION, CUTTING OR PATCHING WORK, ENGAGE A LICENSED ASBESTOS CONTRACTOR TO PERFORM AN ASBESTOS SURVEY, WHICH IDENTIFIES SPECIFIC LOCATIONS WHERE ASBESTOS CONTAINING MATERIALS ARE FOUND, AND WHICH PRESCRIBES SPECIFIC ACTIONS REQUIRED FOR ABATEMENT. ENGAGE A LICENSED ASBESTOS ABATEMENT CONTRACTOR TO REMOVE OR ENCAPSULATE ALL ASBESTOS CONTAINING MATERIALS, ACCORDING TO THE RECOMMENDATIONS OF THE ASBESTOS CONSULTANT. WHERE ASBESTOS CONTAINING MATERIALS ARE ENCAPSULATED IN THE BUILDING, PROVIDE THE OWNER WITH A DETAILED DESCRIPTION OF ALL REMAINING MATERIALS, INCLUDING LOCATIONS, APPROXIMATE QUALITIES, AND METHODS OF ENCAPSULATED AND INSTRUCTIONS FOR NOT DISTURBING THE ENCAPSULATED MATERIALS.
3. PRIOR TO DEMOLITION, CUTTING AND PATCHING, THE CONTRACTOR SHALL LOCATE AND DISCONNECT UTILITY SERVICES AND ELECTRICAL / MECHANICAL SYSTEMS, OR TEMPORARILY CAP OFF SUCH SERVICES TO THE Affected AREAS. GIVE NOTICE TO, AND COORDINATE WITH UTILITY COMPANIES. OBTAIN WRITTEN APPROVAL FROM, AND COOPERATE WITH OTHER PARTIES WHO MAY BE Affected BY INTERRUPTION OF SERVICES.
4. CLEARLY MARK THE AREAS AND LIMITS OF DEMOLITION, CUTTING AND PATCHING. IF FEASIBLE, PRE-CUT THE LINE OF SEPARATION BETWEEN AREAS OF DEMOLITION AND AREAS TO BE PRESERVED. UTILIZE DEMOLITION AND CUTTING TECHNIQUES WHICH ARE LEAST LIKELY TO DAMAGE SURROUNDING OR ADJOINING WORK. WHERE FEASIBLE, USE HAND TOOLS AND SMALL POWER TOOLS THAT ARE DESIGNED FOR SAWING AND GRINDING, NOT HAMMERING OR CHOPPING. DO NOT USE EXPLOSIVES.
5. STRUCTURAL REQUIREMENTS: DO NOT CUT AND PATCH STRUCTURAL WORK IN A MANNER WHICH WILL REDUCE LOAD-CARRYING CAPACITY OR LOAD-DEFLECTION RATIO. WHERE STRUCTURAL WORK MUST BE CUT, PROVIDE ADEQUATE TEMPORARY SUPPORT (BRACING AND/OR SHORING) TO RESIST VERTICAL, LATERAL AND DYNAMIC LOADS IN THE ENTIRE TRIBUTARY AREA OF THE Affected STRUCTURAL MEMBERS. WHERE REQUIRED, ENGAGE A LICENSED STRUCTURAL ENGINEER TO DESIGN SHORING / BRACING SYSTEMS AND JOINT OR CONNECTION DETAILS.
6. OPERATIONAL AND SAFETY LIMITATIONS: DO NOT CUT AND PATCH OPERATIONAL ELEMENTS OR SAFETY RELATED COMPONENTS IN A MANNER WHICH WILL REDUCE INTENDED PERFORMANCE OR SAFETY FACTOR, OR WHICH WILL RESULT IN INCREASED MAINTENANCE OR REDUCED OPERATIONAL LIFE.
7. VISUAL REQUIREMENTS: DO NOT CUT AND PATCH WORK IN A MANNER WHICH WILL RESULT IN LESSENING OF THE AESTHETIC QUALITIES OF THE BUILDING OR SITE, OR THAT WILL RESULT IN VISUAL EVIDENCE OF CUT AND PATCH WORK. WHERE REQUIRED, EXTEND FINISH MATERIALS OVER ENTIRE UNBROKEN SURFACE AREAS Affected BY CUT AND PATCH WORK. REMOVE AND REPLACE CUT AND PATCH WORK WHICH DOES NOT MEET VISUAL REQUIREMENTS.
8. PROTECTION: PROTECT OTHER WORK DURING CUTTING AND PATCHING OPERATIONS TO PREVENT DAMAGE. PROVIDE PROTECTION OF ALL WORK FROM ADVERSE WEATHER CONDITIONS. WHERE OPENINGS ARE CREATED IN ROOF OR EXTERIOR WALLS, PROVIDE TEMPORARY ENCLOSURE OF SUCH OPENINGS ON A DAILY BASIS, AND WHENEVER ADVERSE WEATHER THREATENS OR EXISTS.

ELECTRICAL DEMOLITION NOTES

1. THE CONTRACTOR SHALL REMOVE ALL UNUSED AND ABANDONED WIRING AND CABLING FROM THE CEILING THAT ISN'T LABELED FOR FUTURE USE, AS REQUIRED BY THE NEC. THIS SHALL INCLUDE BUT IS NOT LIMITED TO FIRE ALARM, POWER, SECURITY, CONTROLS, DATA, TELEPHONE, A/C ETC.
2. CIRCUITS MADE SPARE SHALL BE UPDATED ON PANEL SCHEDULES. DIRECTORY CARDS SHALL BE REPLACED WITH NEW TYPED DIRECTORIES, INCLUDING ALL NEW LOADS IN ADDITION TO SPARES. HAND-MARKED NOTES WILL NOT BE ACCEPTED.
3. CARE SHALL BE TAKEN TO RELOCATE ALL EXISTING EQUIPMENT THAT IS BEING MOVED BUT REMAINING AFTER COMPLETION OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP ALL EXISTING TO REMAIN OR RELOCATED EQUIPMENT AT THE SAME LEVEL OF FUNCTIONALITY FROM THE ACCEPTANCE OF THE CONTRACT OF FINAL COMPLETION. ANY DAMAGE OR LOSS OF FUNCTIONALITY SHALL BE REMEDIED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
4. EQUIPMENT INDICATED TO BE REMOVED AND NOT RE-USED SHALL REMAIN THE PROPERTY OF THE OWNER AND RETURNED OR STORED AS DIRECTED.
5. CONDUITS AND RACEWAY SYSTEMS MAY BE ABANDONED WHERE CONCEALED HOWEVER SHALL BE REMOVED WHERE EXPOSED. REMOVED OUTLETS SHALL BE PROVIDED WITH BLANK COVERS, COLOR PER THE ARCHITECT'S DIRECTION.
6. EXISTING RACEWAYS AND WIRING ARE ALLOWED TO BE RE-USED PROVIDED THEY MEET THE SPECIFICATIONS FOR THE NEW SYSTEM(S).
7. ALL OUTAGES SHALL BE COORDINATED WITH THE OWNER. THE CONTRACTOR SHALL PLAN TO MINIMIZE ALL OUTAGES.
8. CIRCUITS SHALL STAY FUNCTIONAL WHERE DEVICES/FIXTURES ARE BEING DEMOLISHED THAT SHARE A COMMON CIRCUIT WITH DEVICES/FIXTURES THAT ARE TO REMAIN. WIRING SHALL BE REMOVED AS FAR AS POSSIBLE WHILE MAINTAINING EXISTING TO REMAIN OPERATION.
9. THE CONTRACTORS SHALL REMOVE ALL EXISTING ELECTRICAL EQUIPMENT NOT REUSED OR NOT NECESSARY FOR THE COMPLETION OF THIS PROJECT.

DEMOLITION KEYED NOTES:

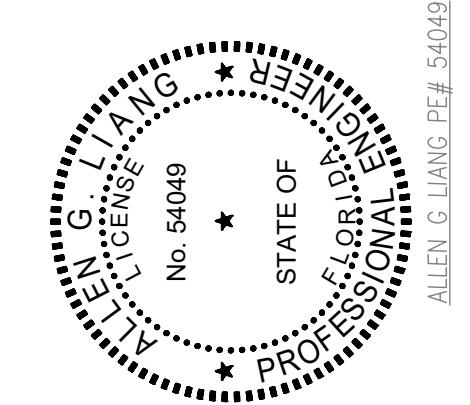
1. REMOVE EXISTING ROLLING DOORS AND SWING DOORS.
2. REMOVE EXISTING RESTROOMS.
3. OPEN THE DOOR AND GLAZING GAPE FOR FUTURE DOOR AND GLAZING INSTALLATION.
4. REMOVE ALL ELECTRICAL PANELS.
5. REMOVE ALL STRUCTURAL WORK FOR THE SECOND FLOOR, INCLUDING STAIRS, COLUMNS, AND LANDING.
6. ACCUMULATION OF AMBALUTION OF COMBUSTIBLE WASTE MATERIAL, DUST, AND DEBRIS SHALL BE REMOVED FROM THE STRUCTURE AND ITS IMMEDIATE VICINITY AT THE END OF EACH WORK SHIFT OR MORE FREQUENTLY AS NECESSARY FOR SAFE OPERATIONS. NFPA 1:16.2.2.1
7. DURING DEMOLITION EXITS AND FIRE SAFETY EQUIPMENTS SHALL BE CLEARLY VISIBLE AND UNOBSTRUCTED.

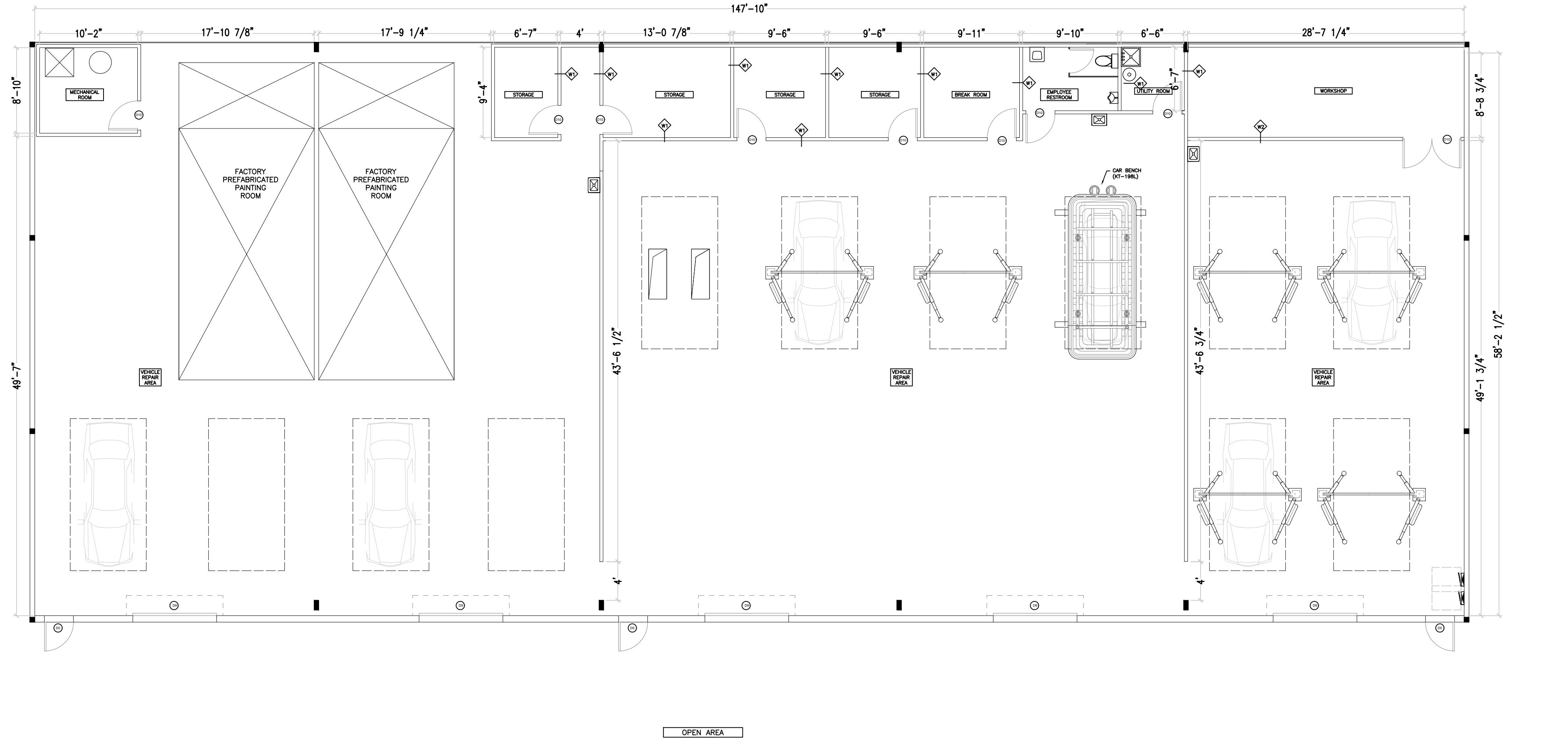
D1

PROJECT: YUEXING AUTO SHOP
5 N ORANGE BLOSSOM TRL.
ORLANDO, FL 32805

PERMIT	CONSTRUCTION	PRELIM.	DATE <input checked="" type="checkbox"/> APPROVAL
SHEET TITLE DEMOLITION PLAN			
REVISION	1		
	2		
	3		
	4		
	5		
	6		
	7		
PROJECT TYPE:	RENOVATION		
SCALE:	AS SHOWN		
ISSUED DATE:	01-17-2025		
DRAWN BY:	L.LIN		
CHECKED BY:	A.LIANG		
SHEET			

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734 (407)
808-1816 CA# 30527 A&E
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

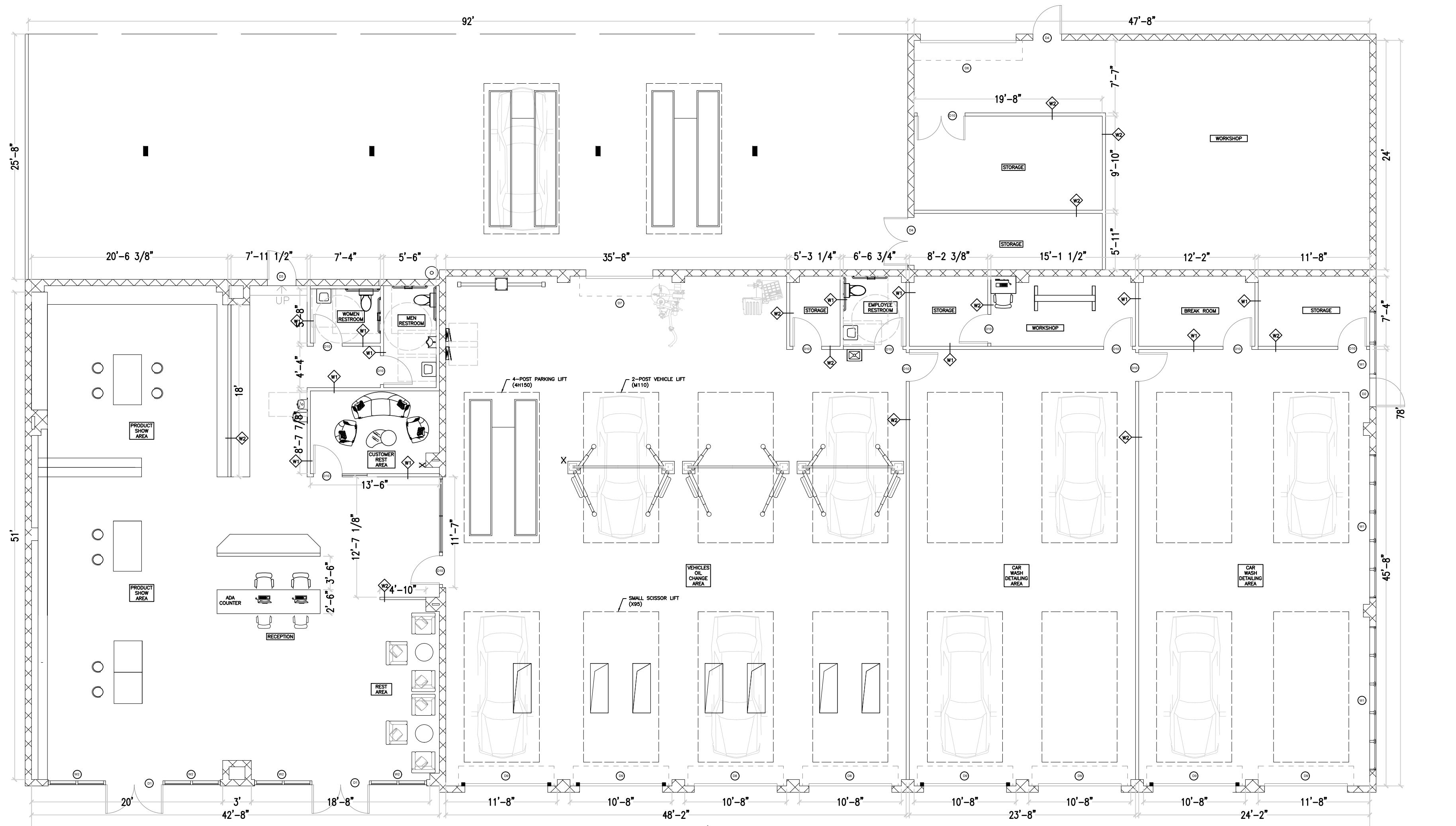
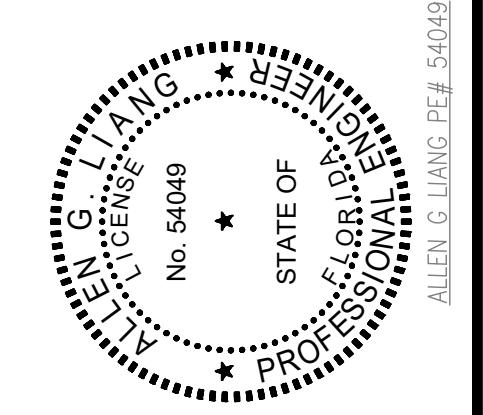




TAG LEGENDS	
D/W#	DOOR & WINDOW(GLAZING) TYPE TAG(SCHEDULE SEE A6)
W/H	WALL TYPE TAG(DETAIL SEE A7)
WALL TYPE SCHEDULE	
—	NEW FIRE WALL
—	NEW WALL

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734(407)
808-18 808-16 CA# 30527 ACE

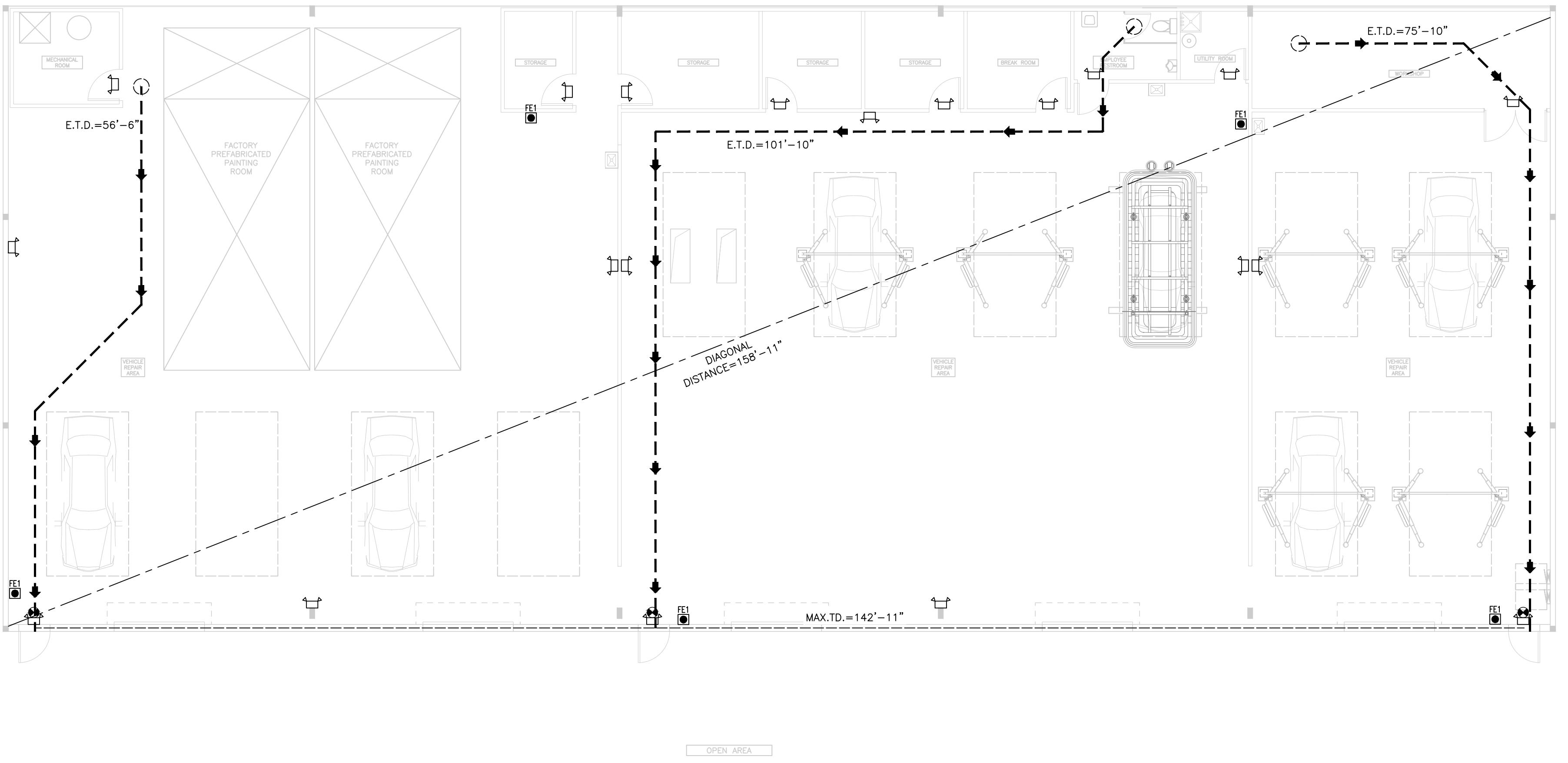
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



PROJECT:	YUEXING AUTO SHOP
PERMIT	CONSTRUCTION
PRELIM	DATE APPROVAL
5 N ORANGE BLOSSOM TRL.	
ORLANDO, FL 32805	

FLOOR PLAN
SHEET
1
2
3
4
5
6
7
PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET

A1

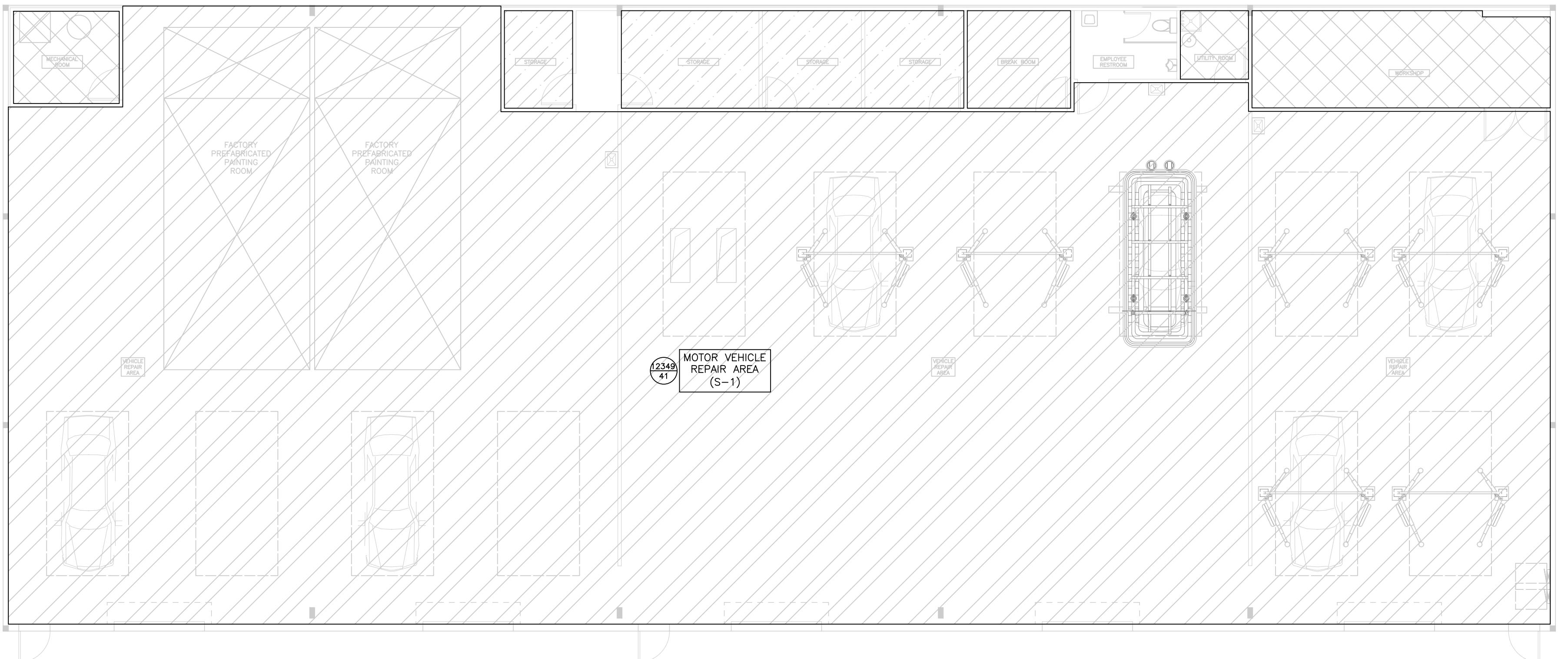


KEY NOTES:
EVERY ROOM OR SPACE THAT IS AN ASSEMBLY OCCUPANCY SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY FROM THE ROOM OR SPACE, FOR THE INTENDED CONFIGURATIONS. POSTED SIGNS SHALL BE OF AN APPROVED LEGIBLE PERMANENT DESIGN AND SHALL BE MAINTAINED BY THE OWNER OR THE OWNER'S AUTHORIZED AGENT.

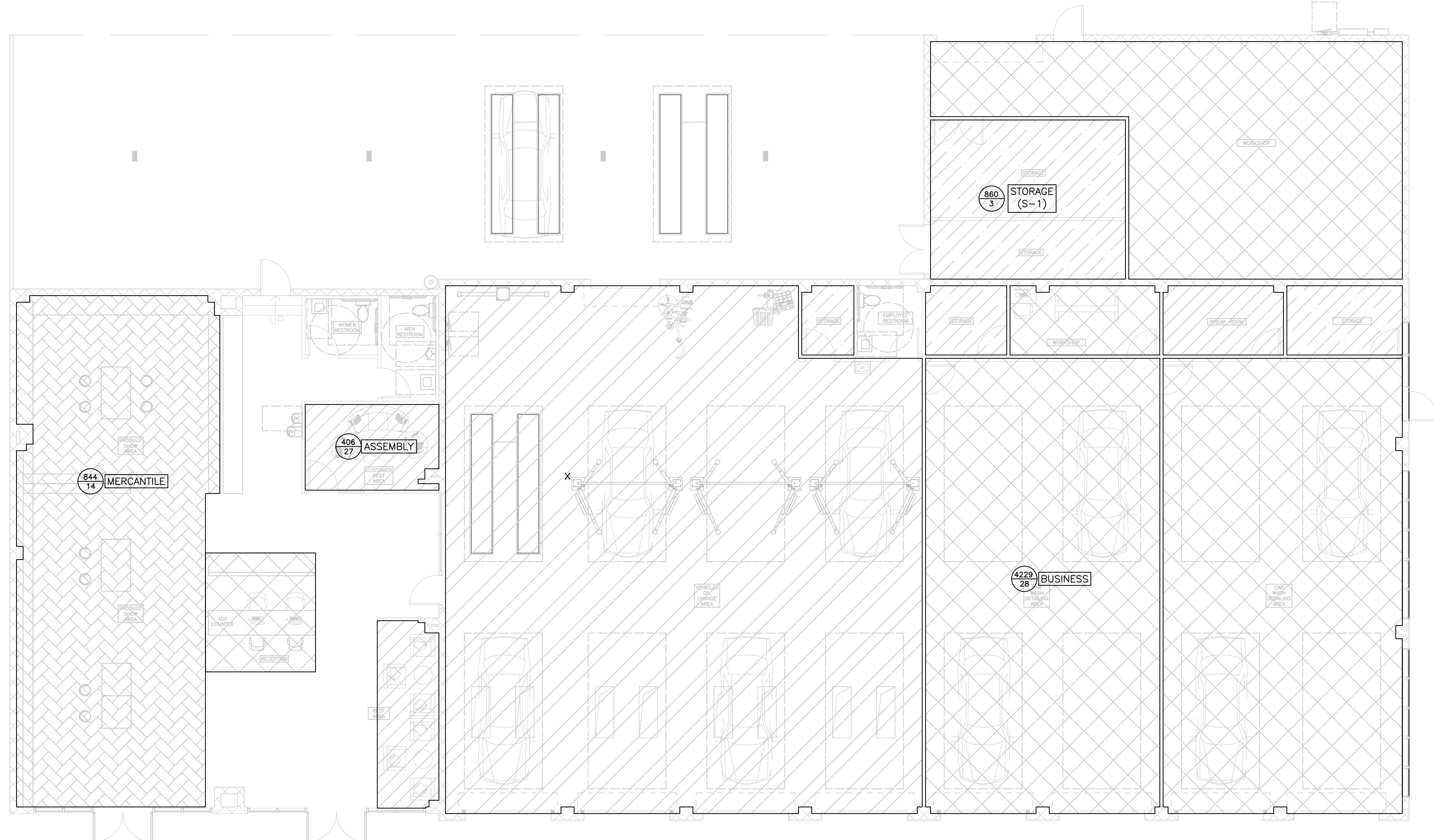
LIFE SAFETY LEGEND	
— — —	MAXIMUM TRAVEL DISTANCE
↑	DIRECTION OF EGRESS
FE1	FIRE EXTINGUISHER (FE)
FE1 TYPE ABC	FE1 SHALL HAVE MINIMUM RATING OF 1A-40BC
FE-K TYPE K	PROVIDE 10# MULTI-PURPOSE FIRE EXTINGUISHER MOUNTED WITH WALL HOOKS AT 48" AFF AND CERTIFIED PRIOR TO INSTALLATION. TRAVEL DISTANCE BETWEEN FE NOT TO EXCEED 75 FT
EXIT SIGN	EXIT SIGN
●	DIRECTIONAL EXIT SIGN
◆	EMERGENCY LIGHTS
XXX	ROOM SQUARE FOOTAGE
XX	ROOM OCCUPANT CAPACITY
STATEMENT: OUR DESIGN TO THE BEST OF OUR KNOWLEDGE COMPLIES WITH THE 8TH ED FFPC.	No. 54049

DESIGN:	GREENLOGIC, LLC
P.O.BOX:	678 GOTHA
FLORIDA:	34734(407)
808-18-16 CA#:	30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ALLEN G LIANG	
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	
OPEN & SIGN	
STATEMENT: OUR DESIGN TO THE BEST OF OUR KNOWLEDGE COMPLIES WITH THE 8TH ED FFPC.	
PROJECT: YUEXING AUTO SHOP 5 N ORANGE BLOSSOM TRL. ORLANDO, FL 32805	
SHEET TITLE: LIFE SAFETY PLAN	
CONSTRUCTION	PRELIM. <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/>
PERMIT	PREM. <input type="checkbox"/>
REVISION	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/>
PROJECT TYPE:	RENOVATION
SCALE:	AS SHOWN
ISSUED DATE:	01-17-2025
DRAWN BY:	L.LIN
CHECKED BY:	A.LIANG
SHEET	A2





OCCUPANT LOAD(NFPA TABLE 7.3.1.2)			
SPACE DESCRIPTION	AREA	AREA PER OCCUPANT	CALCULATED OCCUPANT LOAD
BUSINESS AREA(RECEPTION, VEHICLE DETAIL AREA, 'UTILITY ROOM, MECHANICAL ROOM)	3645 SF	150	24
ASSEMBLY (BREAKROOM, REST AREA)	406 SF	15	27
STORAGE(OIL CHANGE AREA, VEHICLE REPAIR AREA, STORAGE)	11013 SF	300	37
MERCANTILE(SHOW AREA)	844 SF	30	28
TOTAL			116

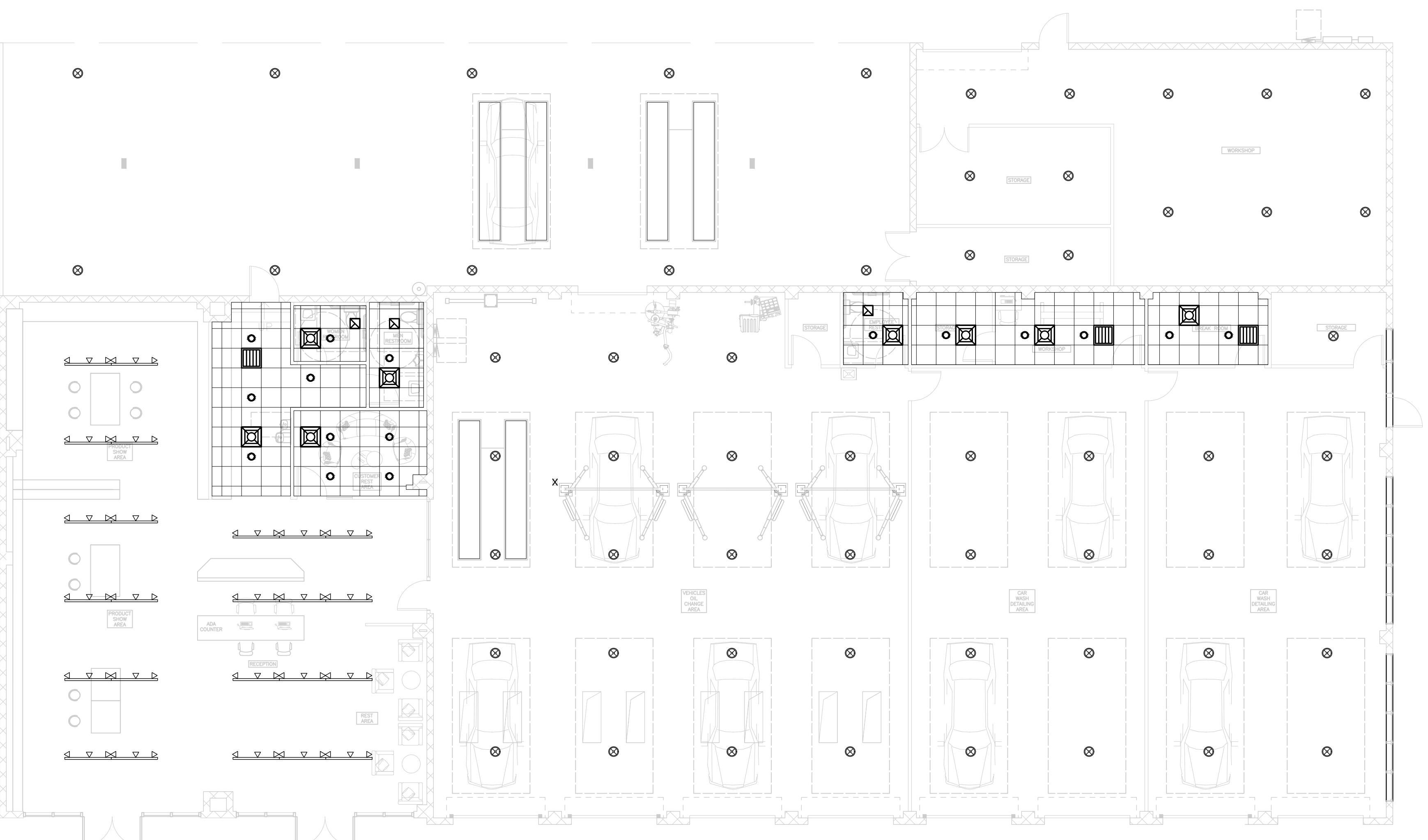
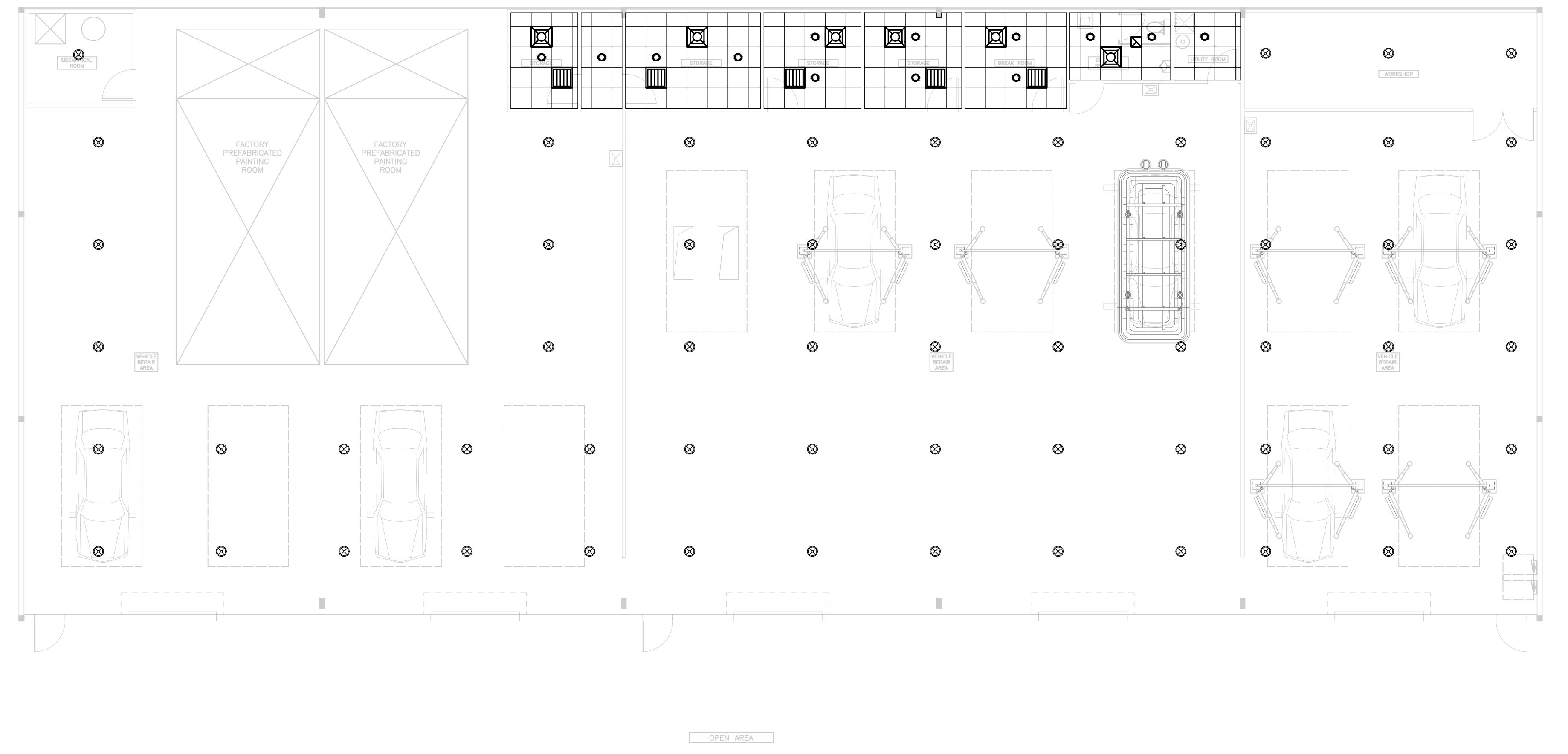


OCCUPANCY LOAD PLAN
SCALE: 1/8"=1'-0"



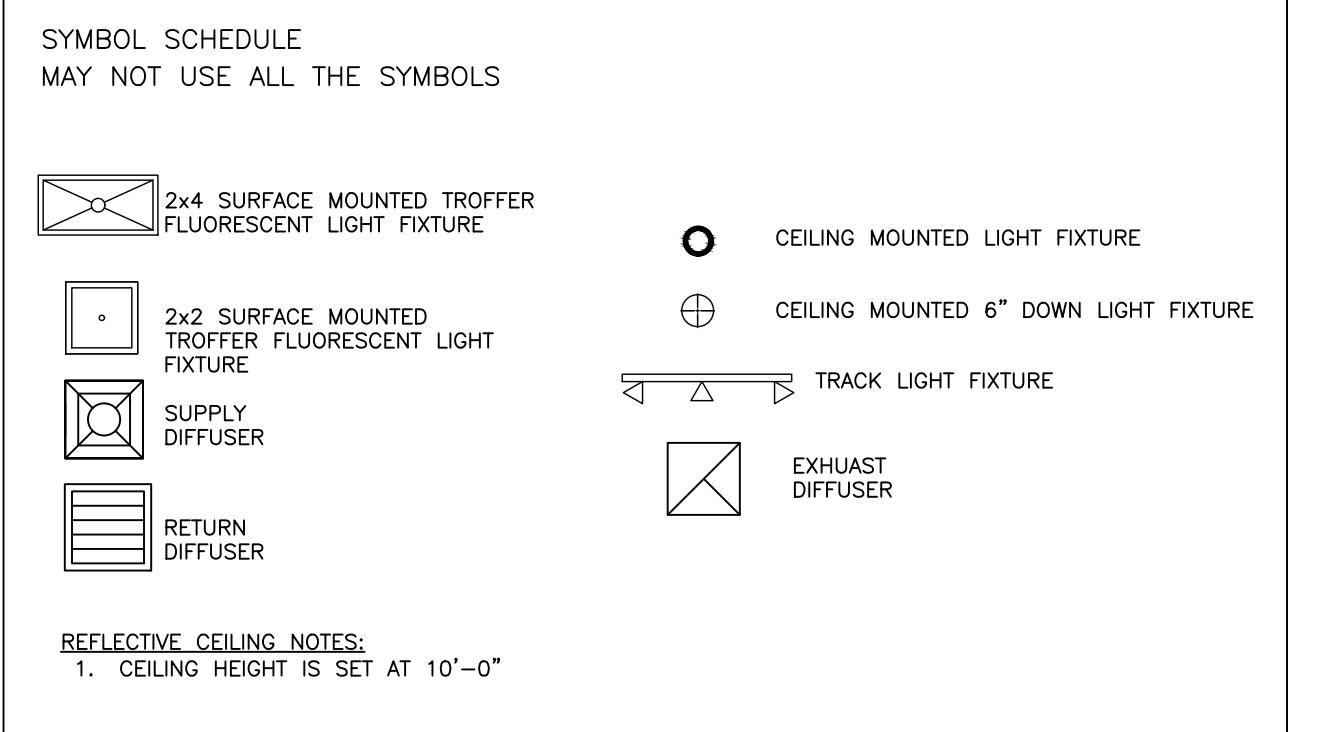
DESIGN: GREENLOGIC, LLC P.O.BOX 678 GOTHA FLORIDA 34734 (407) 808-1816 CA# 30527 ACE THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ALLEN G LIANG USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	SIGN & SEAL:
PROJECT: YUEXING AUTO SHOP 5 N ORANGE BLOSSOM TRL. ORLANDO, FL 32805	
SHEET TITLE: OCCUPANCY LOAD PLAN PERMIT <input type="checkbox"/> CONSTRUCTION <input checked="" type="checkbox"/> PRELIM <input type="checkbox"/> APPROVAL DATE: <input checked="" type="checkbox"/>	
REVISION	1 2 3 4 5 6 7
PROJECT TYPE:	RENOVATION
SCALE:	AS SHOWN
ISSUED DATE:	01-17-2025
DRAWN BY:	L.LIN
CHECKED BY:	A.LIANG
SHEET	

A2-1

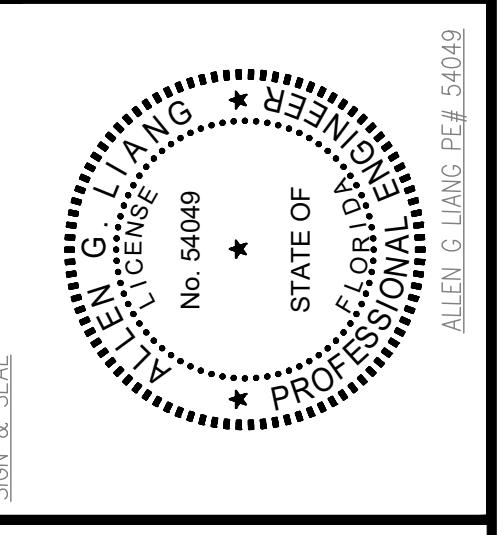


REFLECTED CEILING PLAN

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



DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734 (407)
808-18 808-16 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



SIGN & SEAL

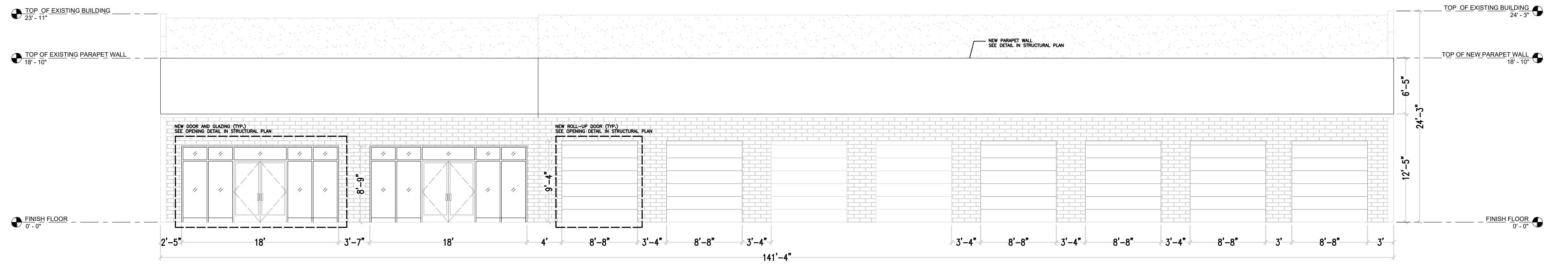
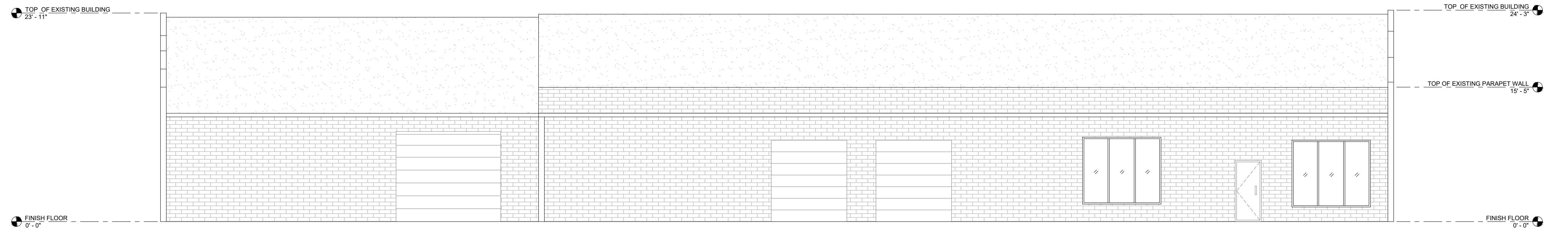
PROJECT: YUEXING AUTO SHOP
5 N ORANGE BLOSSOM TRL.
ORLANDO, FL 32805

PERMIT CONSTRUCTION PRELIM APPROVAL

REVISION
1 |
2 |
3 |
4 |
5 |
6 |
7 |

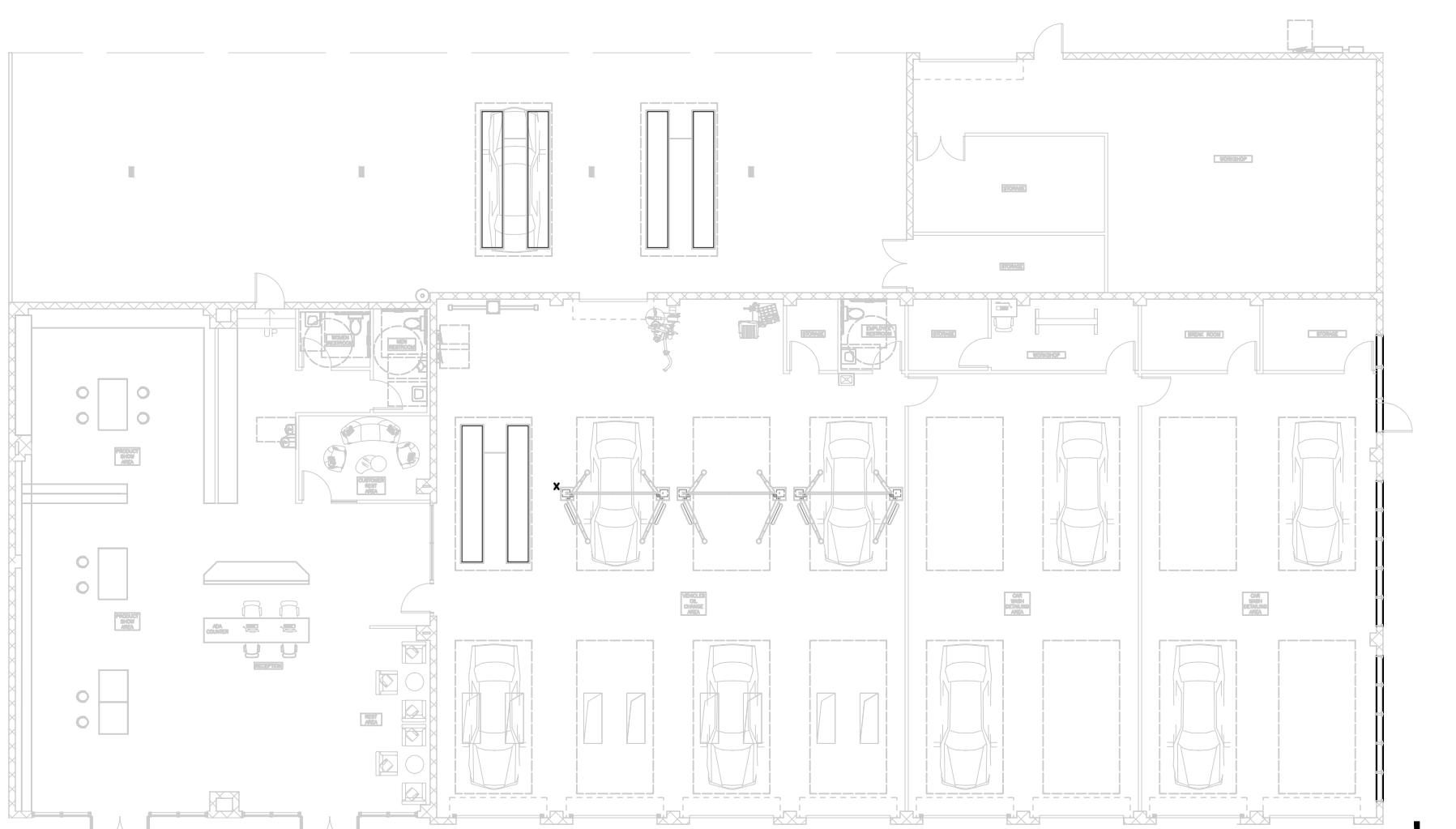
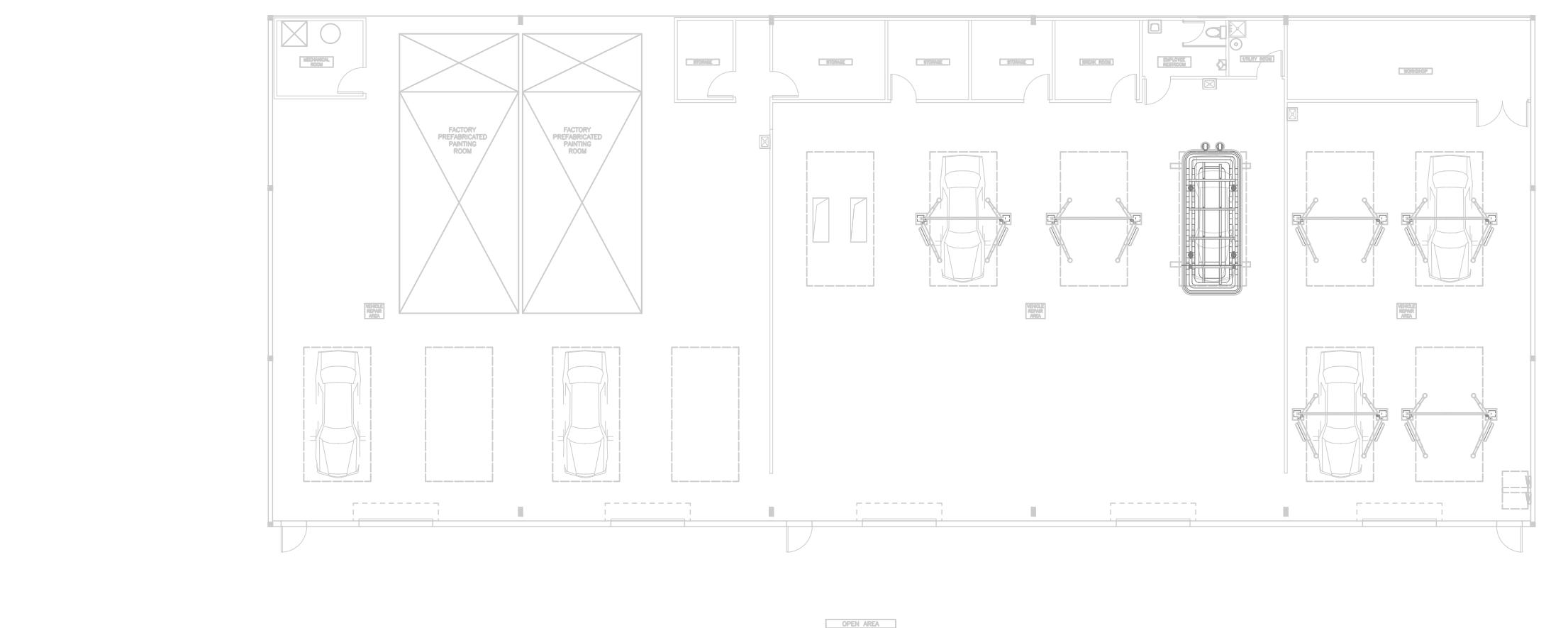
PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET

A3



NEW WEST ELEVATION

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

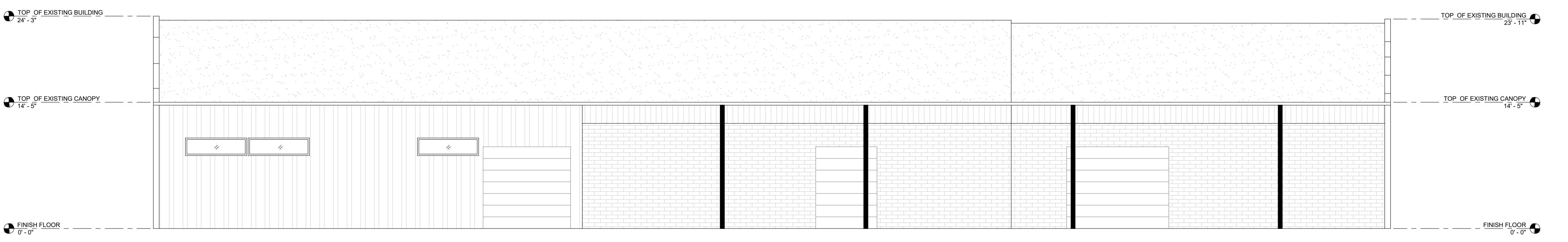


WEST ELEVATION

KEY PLAN
SCALE: 1/32"=1'-0"

DESIGN:	GREENLOGIC, LLC
P.O.BOX:	678 GOTHA
FLORIDA:	34734 (407)
808-18-16 CA#:	30527 A&E
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ALLEN G LIANG	
USING A DIGITAL SIGNATURE AND DATE PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	
SIGN & SEAL:	
PROJECT:	YUEXING AUTO SHOP
ADDRESS:	5 N ORANGE BLOSSOM TRL.
CITY:	ORLANDO, FL 32805
PERMIT:	<input type="checkbox"/>
CONSTRUCTION:	<input checked="" type="checkbox"/>
PRELIM:	<input checked="" type="checkbox"/>
DATE:	<input checked="" type="checkbox"/>
APPROVAL:	<input checked="" type="checkbox"/>
REVISION:	1 2 3 4 5 6 7
PROJECT TYPE:	RENOVATION
SCALE:	AS SHOWN
ISSUED DATE:	01-17-2025
DRAWN BY:	L.LIN
CHECKED BY:	A.LIANG
SHEET:	

A4



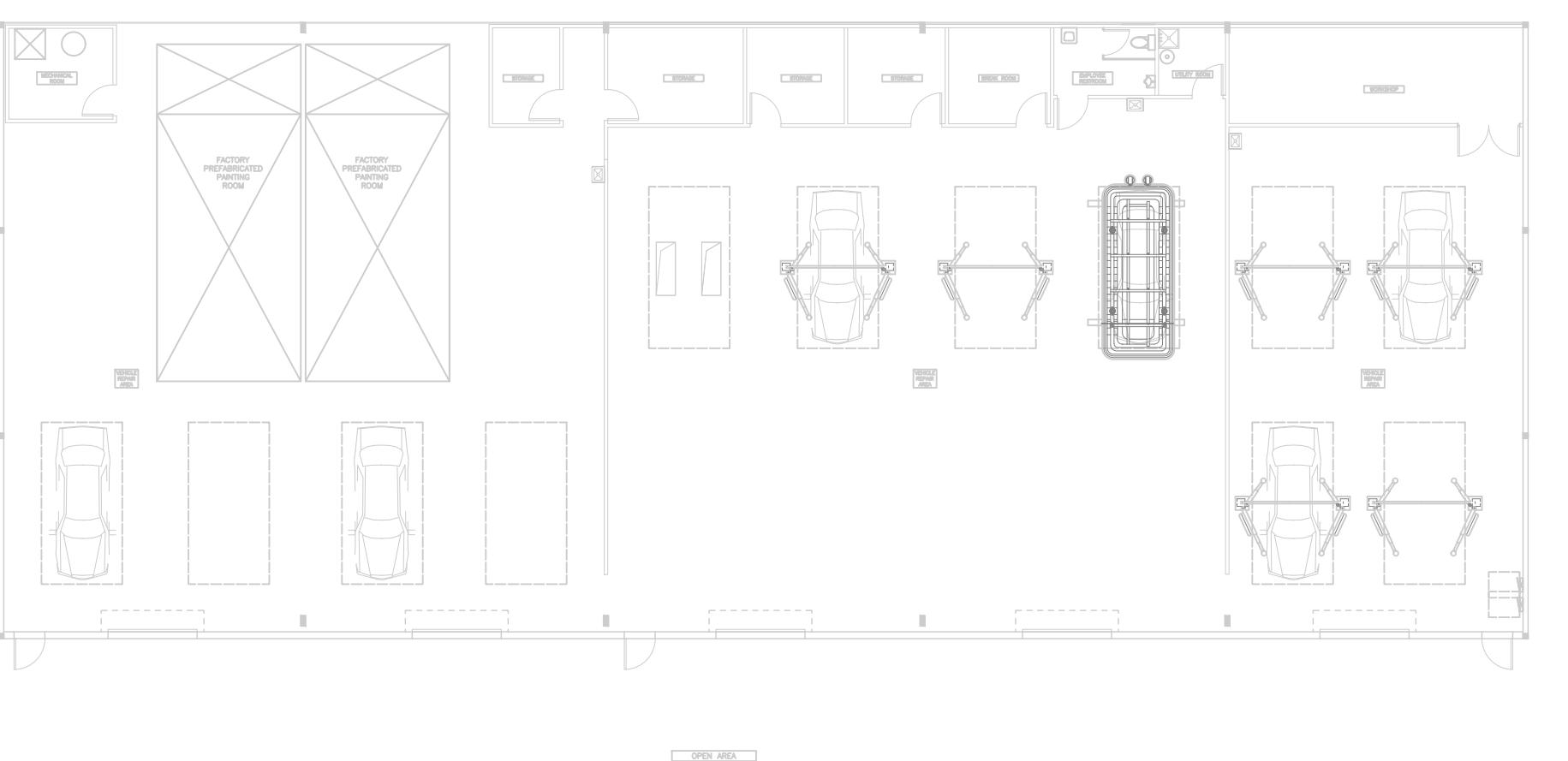
EXISTING EAST ELEVATION

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

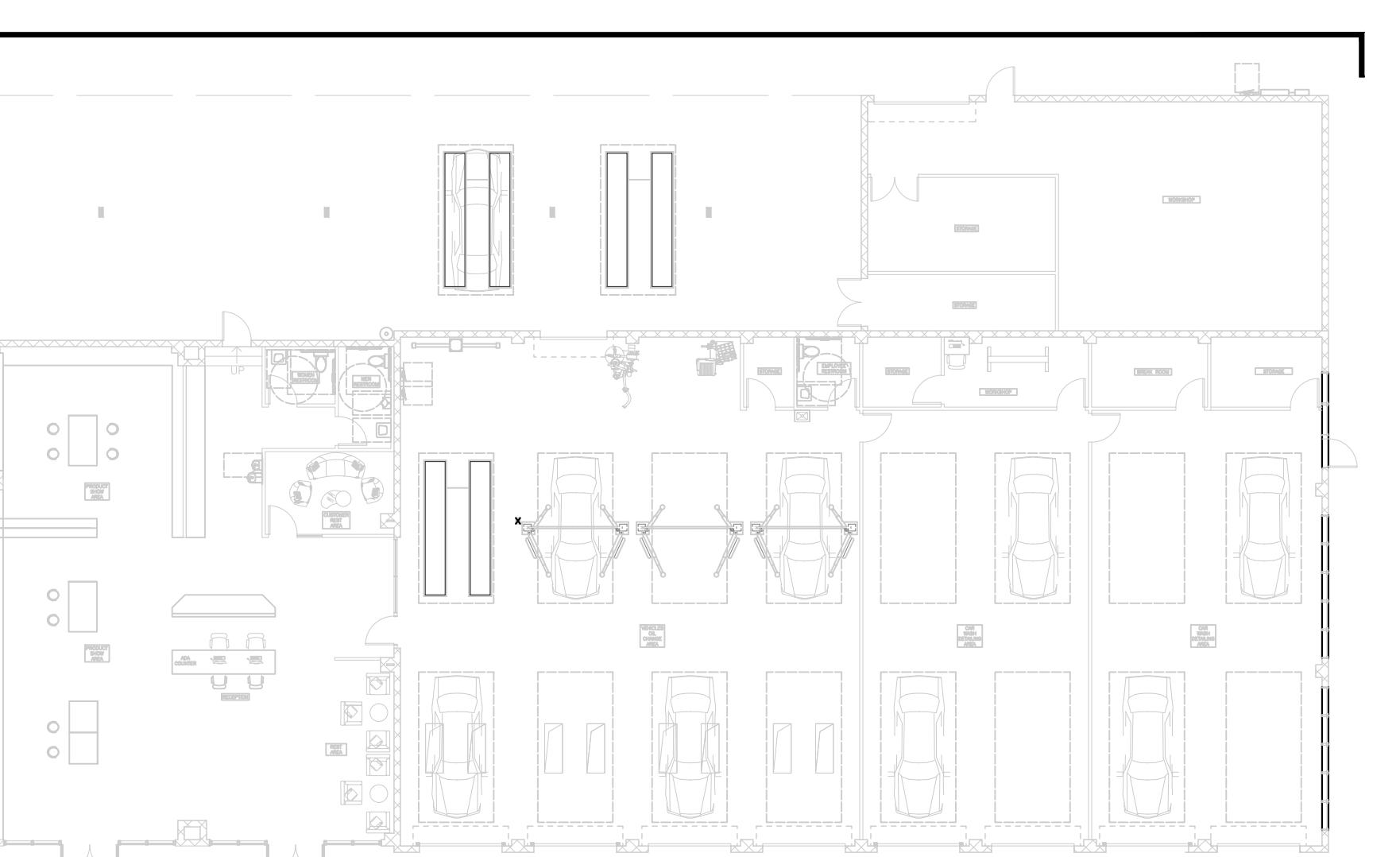


NEW EAST ELEVATION

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



EAST ELEVATION

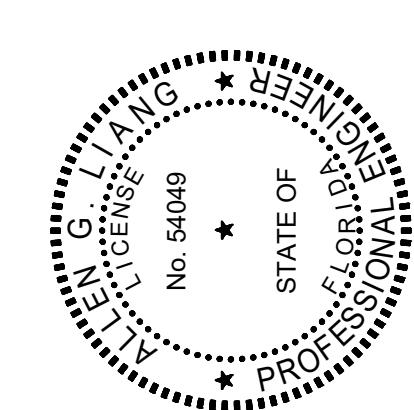


KEY PLAN

SCALE: 1/32"=1'-0"

A4-1

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734-0407
808-18-16 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



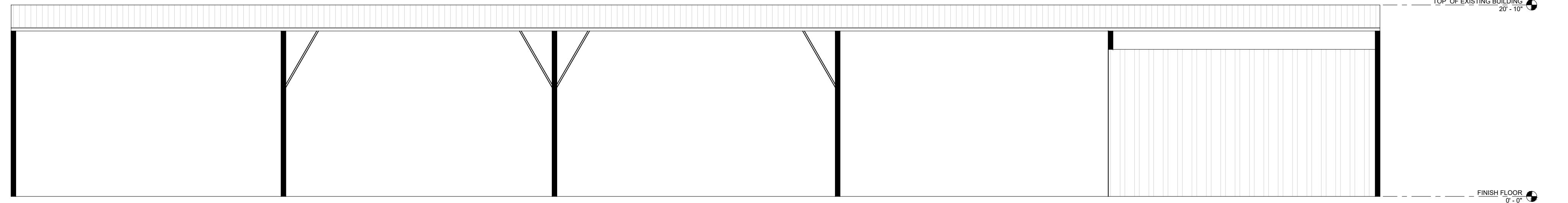
SIGN & SEAL

PROJECT:	YUEXING AUTO SHOP
CONSTRUCTION	<input checked="" type="checkbox"/>
PRELIM.	<input type="checkbox"/>
DATE	<input checked="" type="checkbox"/>
APPROVAL	<input type="checkbox"/>
PERMIT	
01-17-2025	

PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET

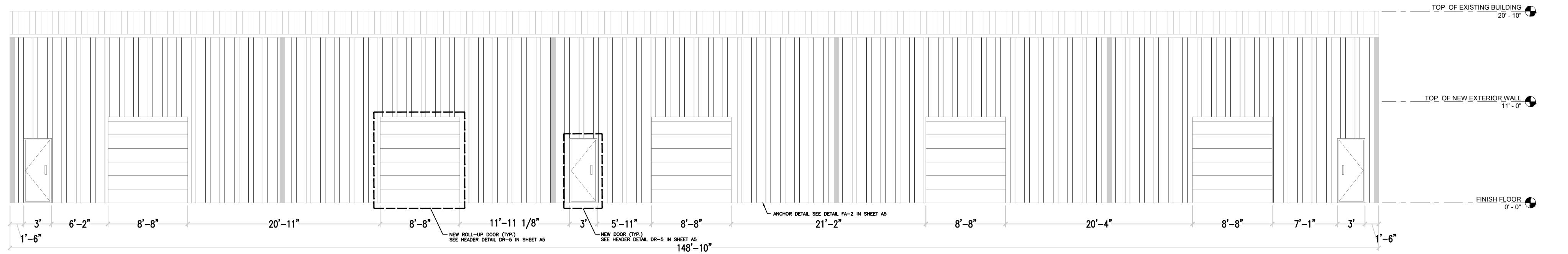
PERMIT

01-17-2025



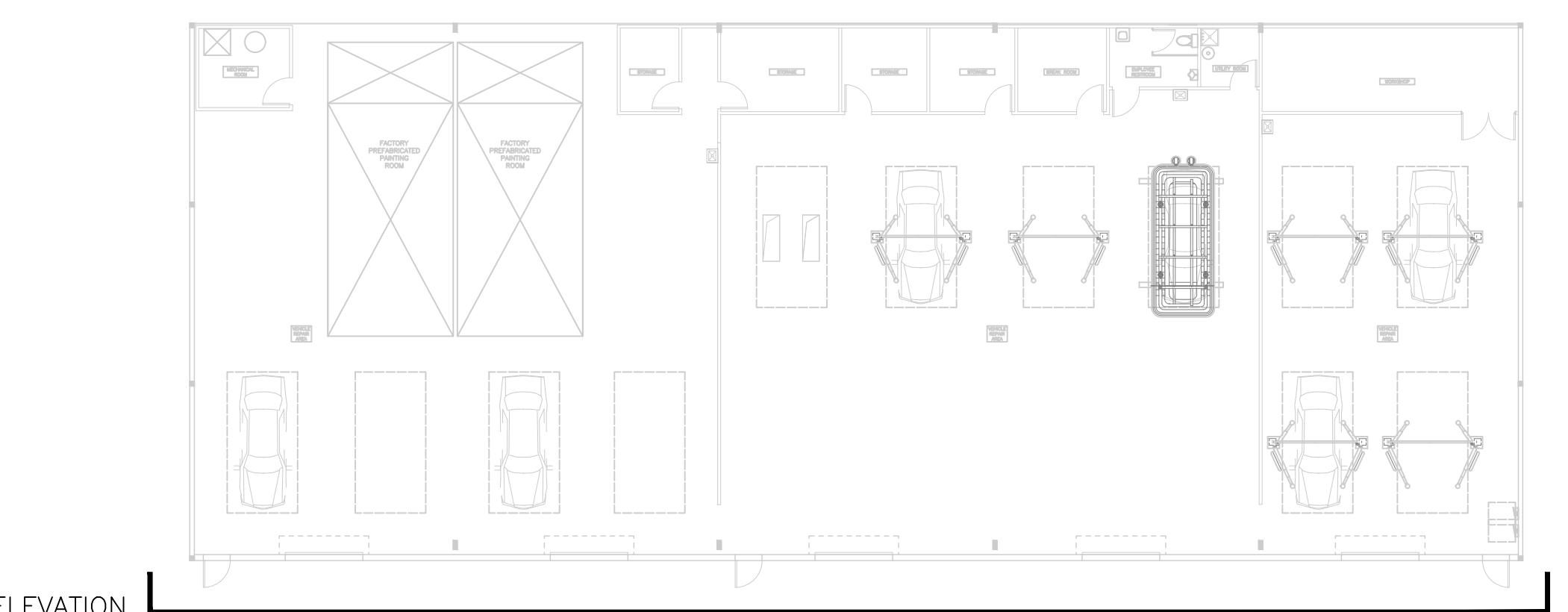
EXISTING WEST ELEVATION

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

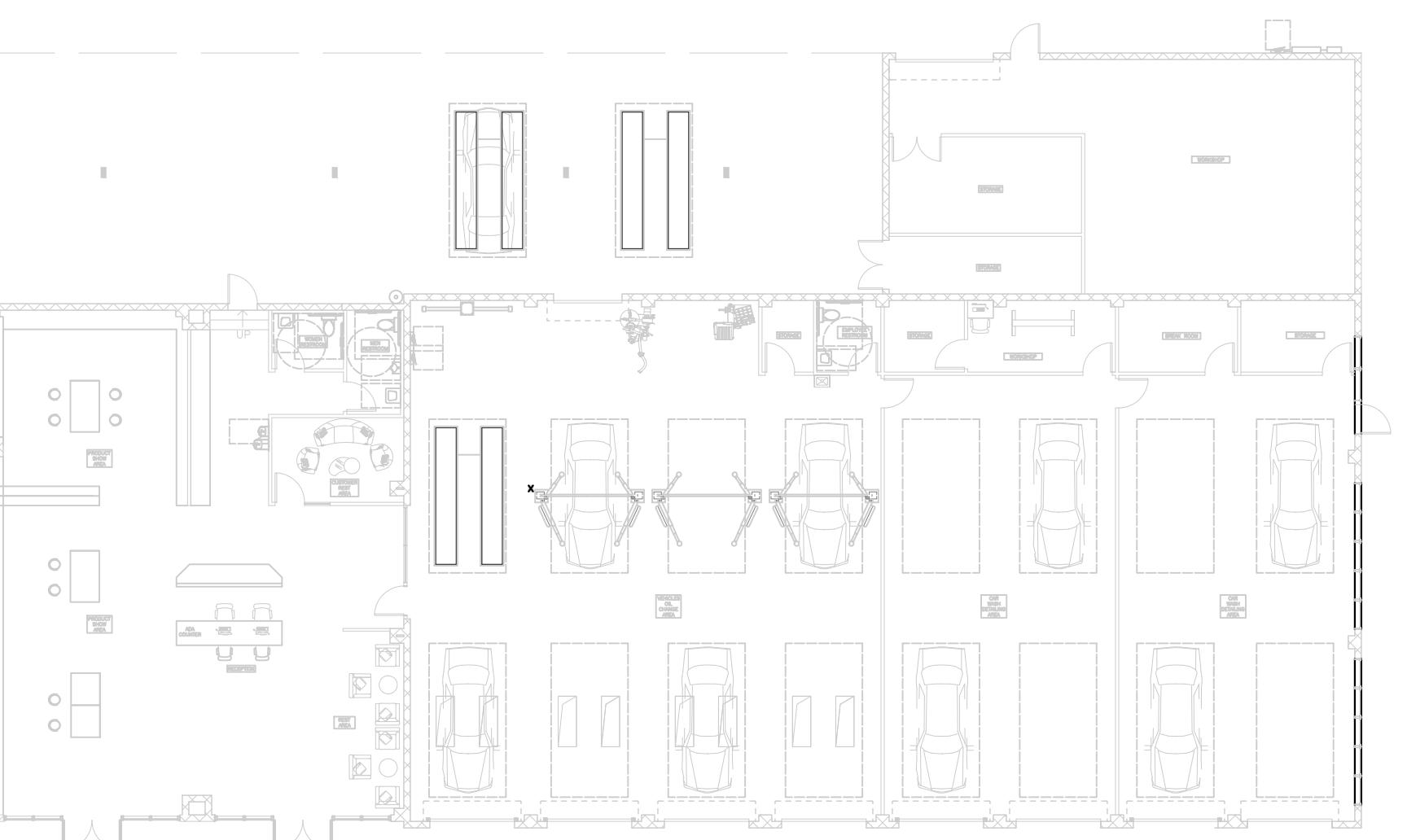


NEW WEST ELEVATION

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



WEST ELEVATION

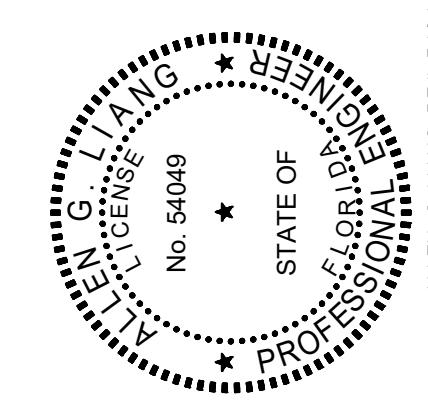


KEY PLAN

SCALE: 1/32"=1'-0"

A4-2

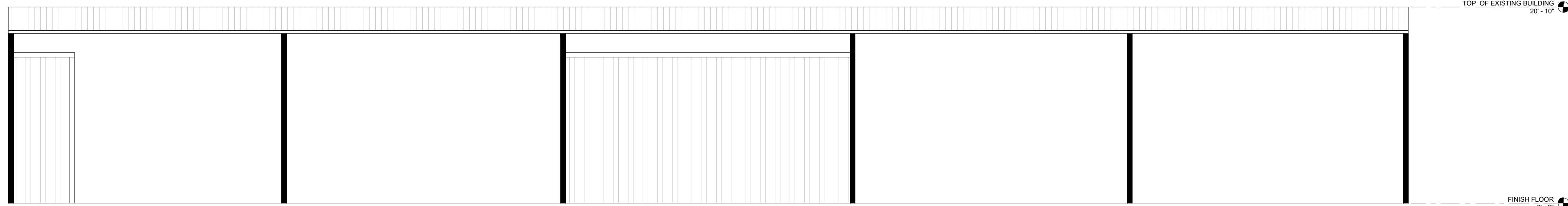
DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734 (407)
808-1816 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



SIGN & SEAL

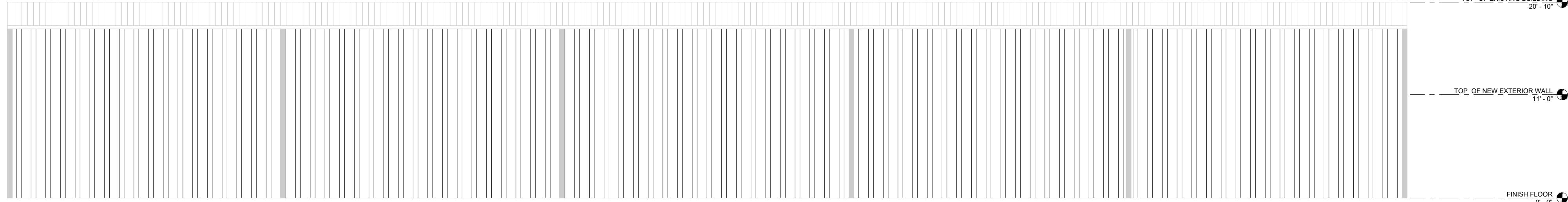
PROJECT:	YUEXING AUTO SHOP
	5 N ORANGE BLOSSOM TRL.
	ORLANDO, FL 32805
CONSTRUCTION	<input checked="" type="checkbox"/>
PRELIM.	<input checked="" type="checkbox"/>
APPROVAL	<input type="checkbox"/>
PERMIT	<input type="checkbox"/>

REVISION	1
	2
	3
	4
	5
	6
	7
PROJECT TYPE:	RENOVATION
SCALE:	AS SHOWN
ISSUED DATE:	01-17-2025
DRAWN BY:	L.LIN
CHECKED BY:	A.LIANG
SHEET	<input type="checkbox"/> PERMIT



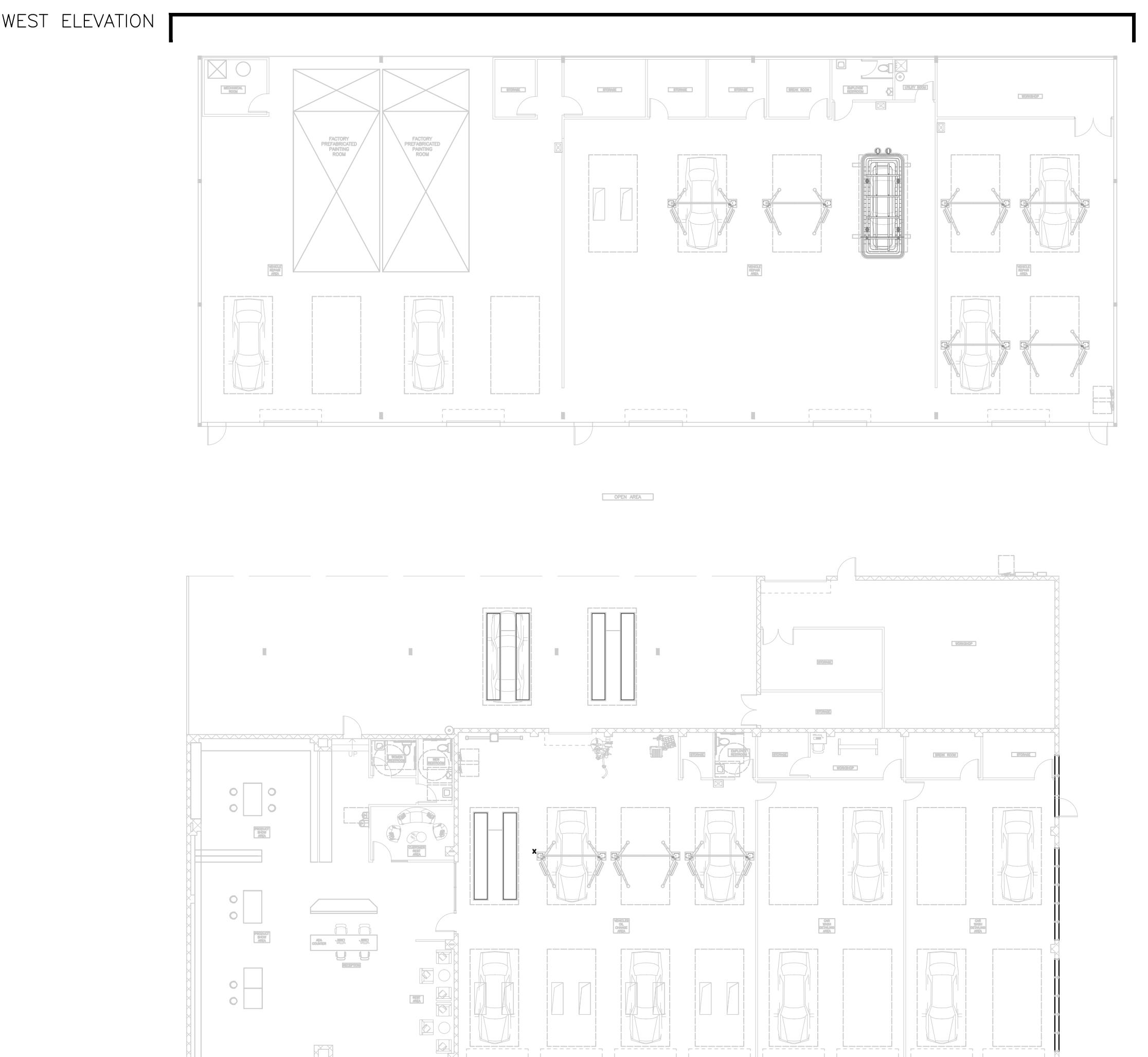
EXISTING WEST ELEVATION

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



NEW WEST ELEVATION

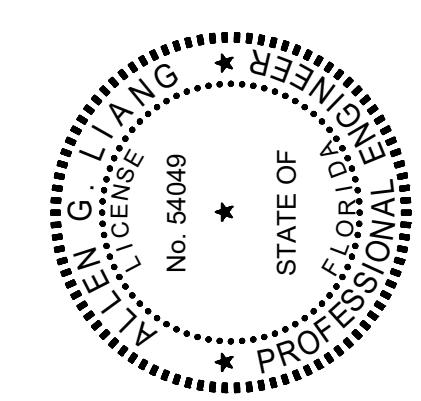
SCALE: 1/8"=1'-0"



KEY PLAN
SCALE: 1/32"=1'-0"

A4-3

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734 (407)
808-1816 CA# 30527 A&E
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

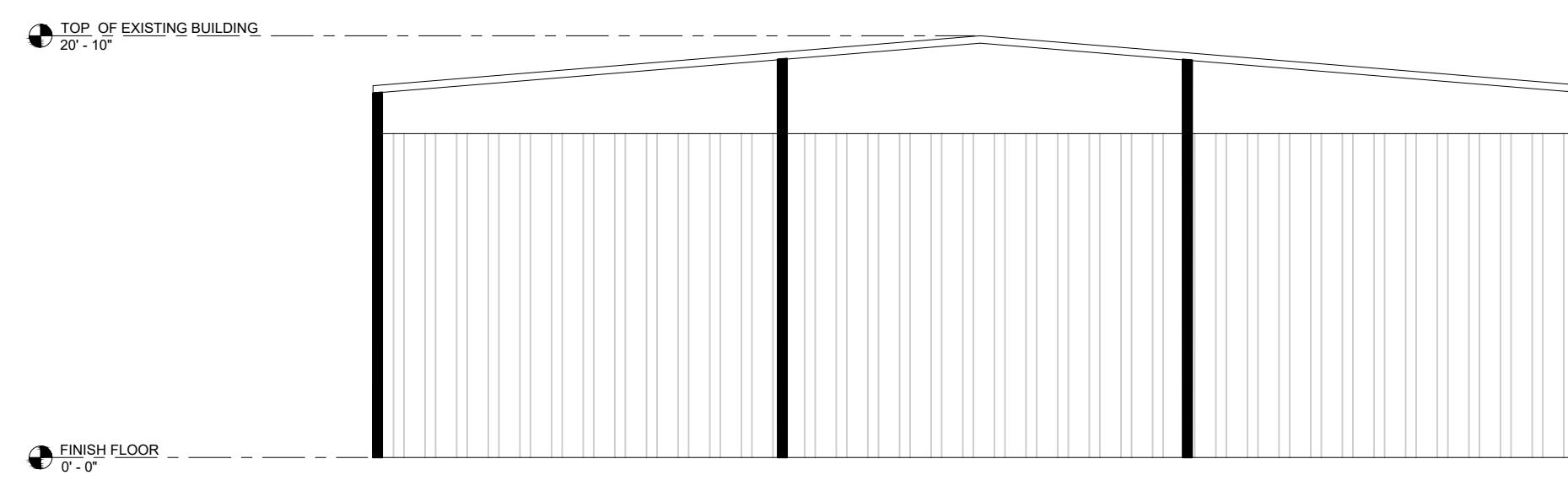


SIGN & SEAL

PROJECT:	YUEXING AUTO SHOP
	5 N ORANGE BLOSSOM TRL.
	ORLANDO, FL 32805
SHEET TITLE:	ELEVATION
CONSTRUCTION	<input checked="" type="checkbox"/>
PRELIM.	<input type="checkbox"/>
APPROVAL	<input type="checkbox"/>
PERMIT	<input type="checkbox"/>

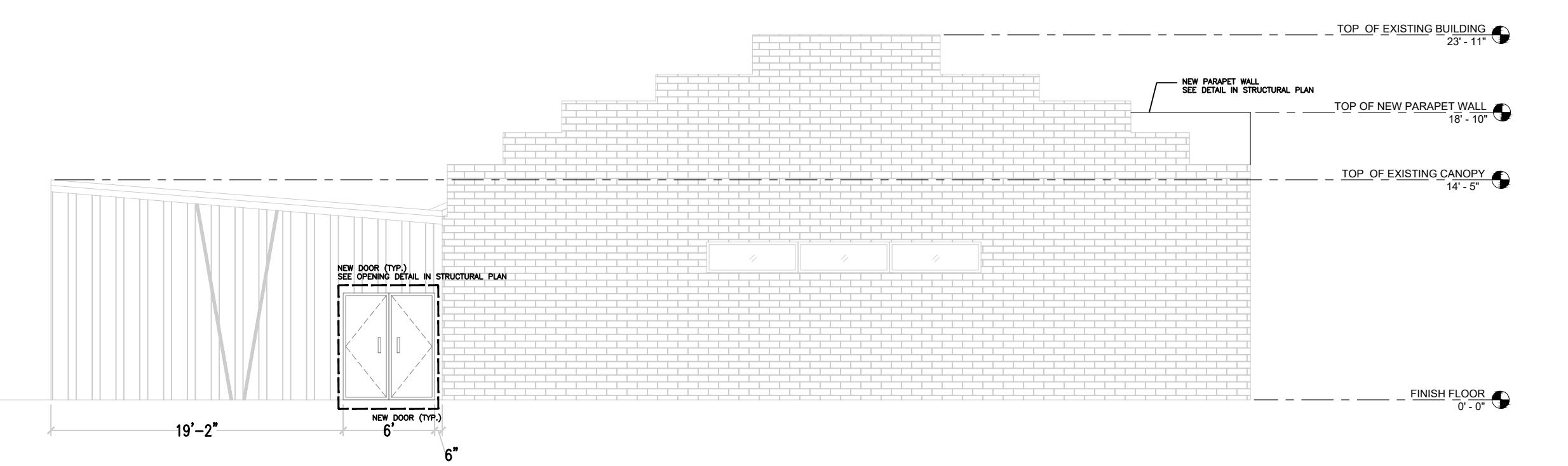
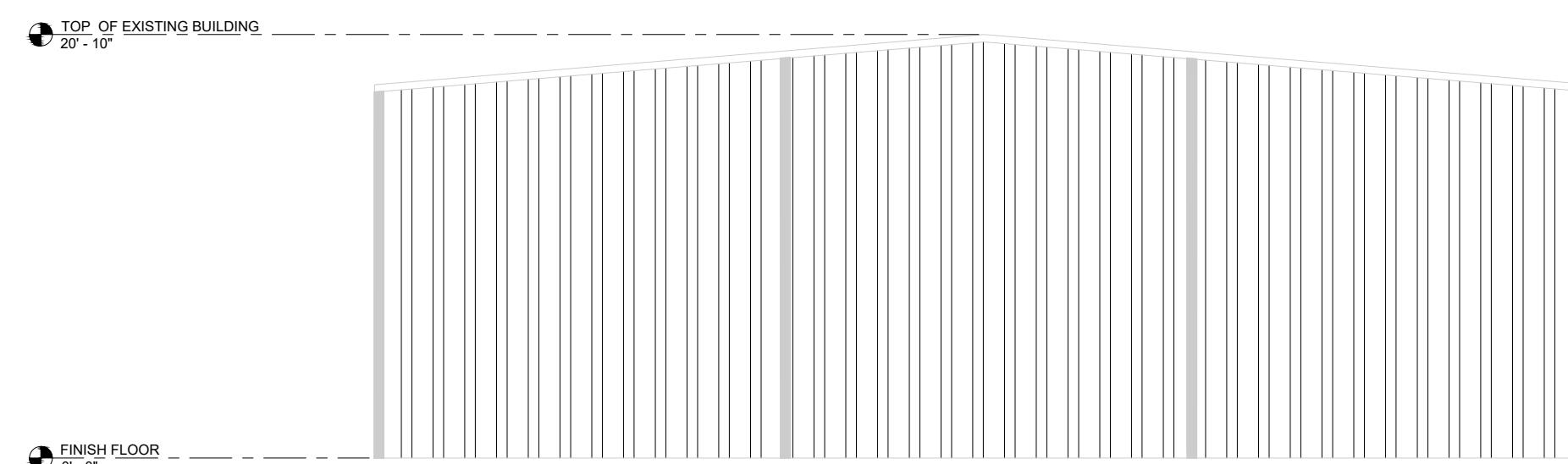
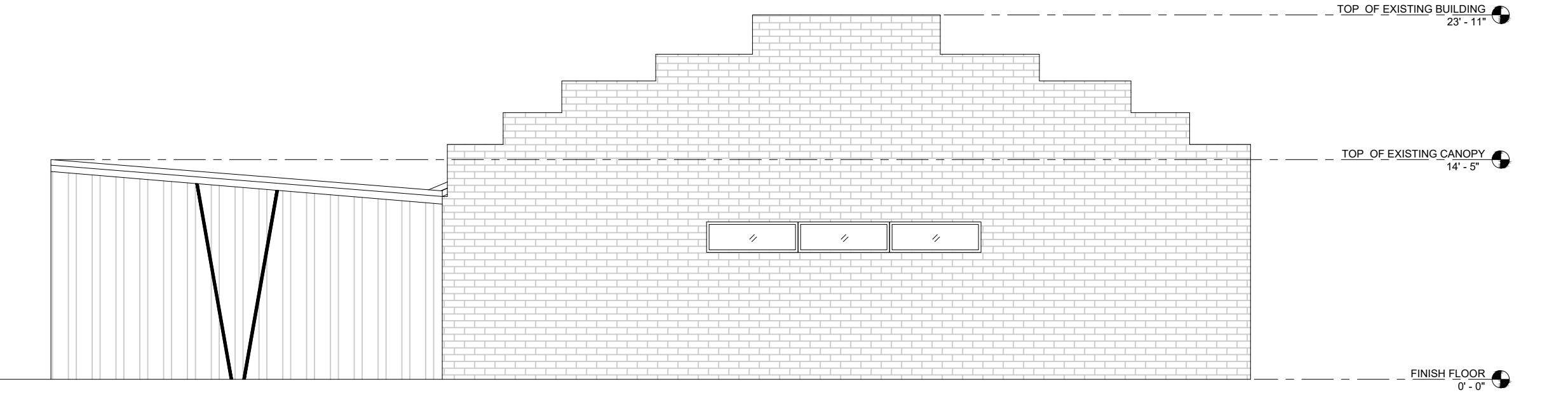
REVISION
1 |
2 |
3 |
4 |
5 |
6 |
7 |

PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET



EXISTING NORTH ELEVATION

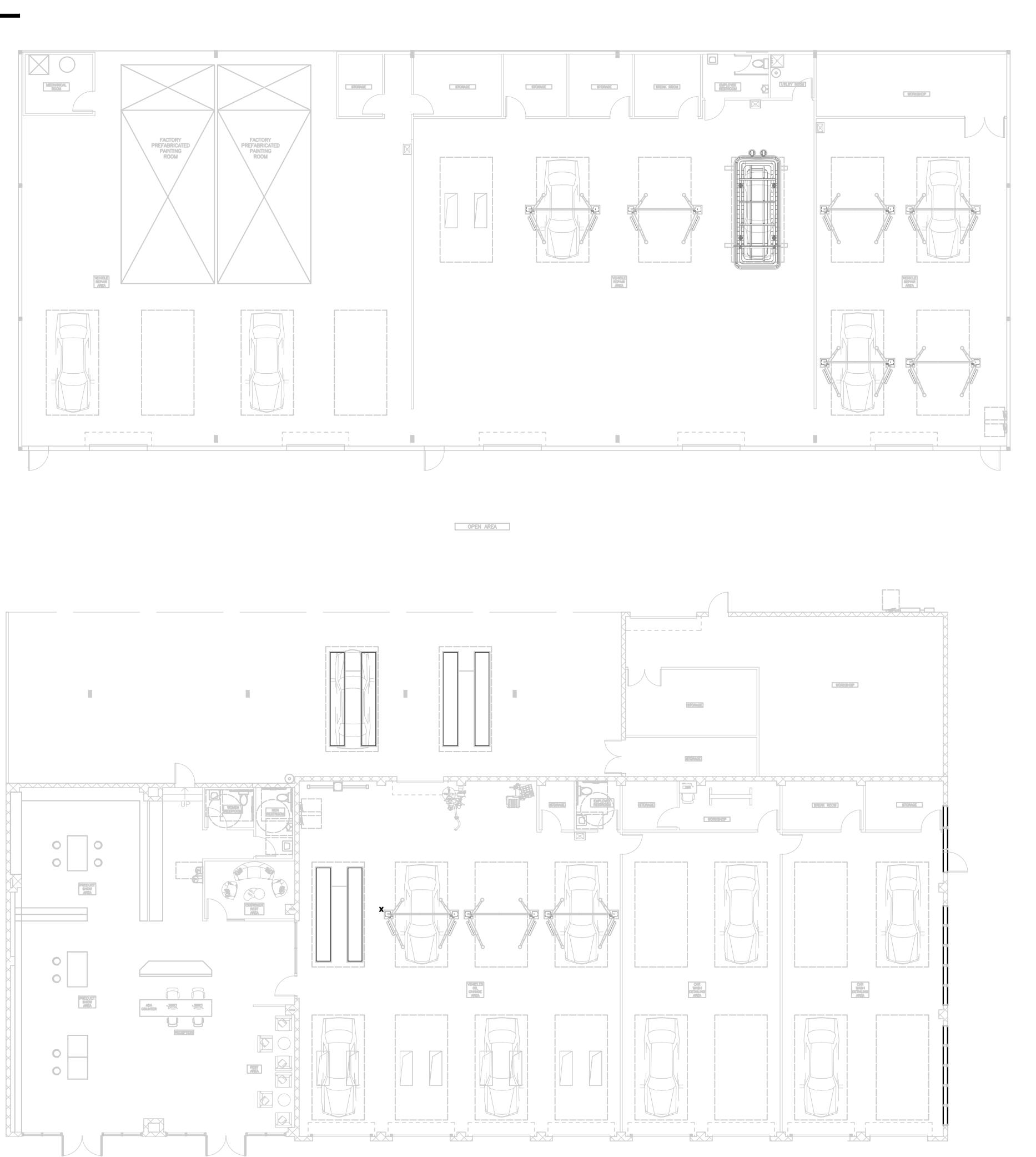
SCALE: 1/8"=1'-0"



NEW NORTH ELEVATION

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

NORTH ELEVATION

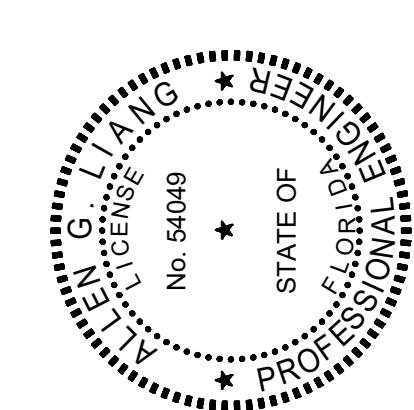


KEY PLAN

SCALE: 1/32"=1'-0"

A4-4

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734(407)
808-18-16 CA#30527 A&E
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



SIGN & SEAL

PROJECT:	YUEXING AUTO SHOP
CONSTRUCTION	<input checked="" type="checkbox"/>
PRELIM.	<input type="checkbox"/>
DATE	<input checked="" type="checkbox"/>
APPROVAL	<input type="checkbox"/>
PERMIT	
REVISION	
1	
2	
3	
4	
5	
6	
7	
PROJECT TYPE: RENOVATION	
SCALE: AS SHOWN	
ISSUED DATE: 01-17-2025	
DRAWN BY: L.LIN	
CHECKED BY: A.LIANG	
SHEET	

PERMIT

REVISION

1 |

2 |

3 |

4 |

5 |

6 |

7 |

PROJECT TYPE: RENOVATION

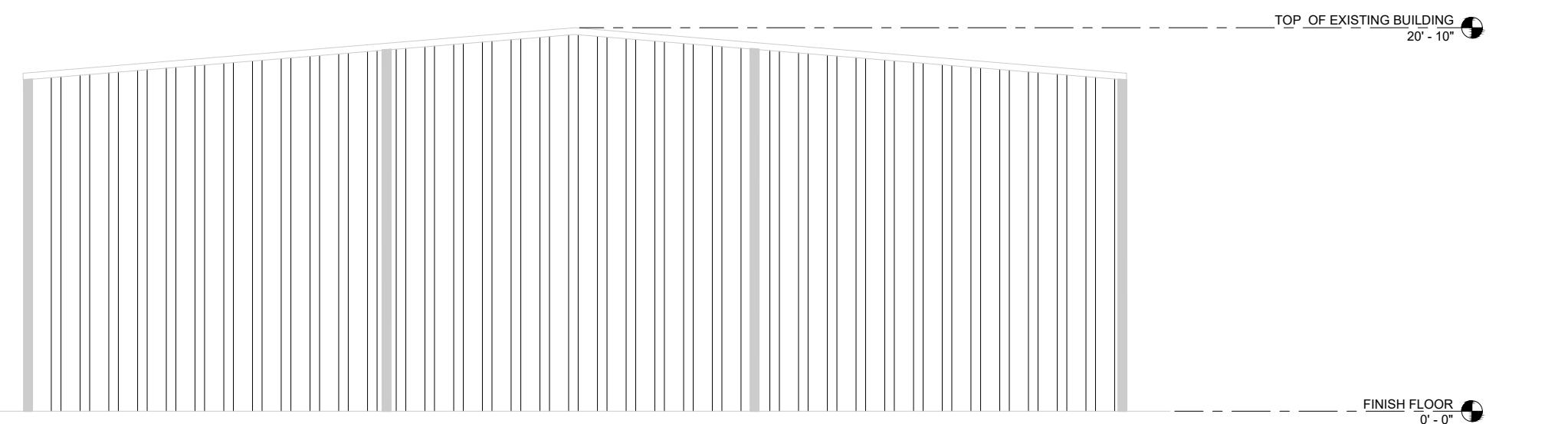
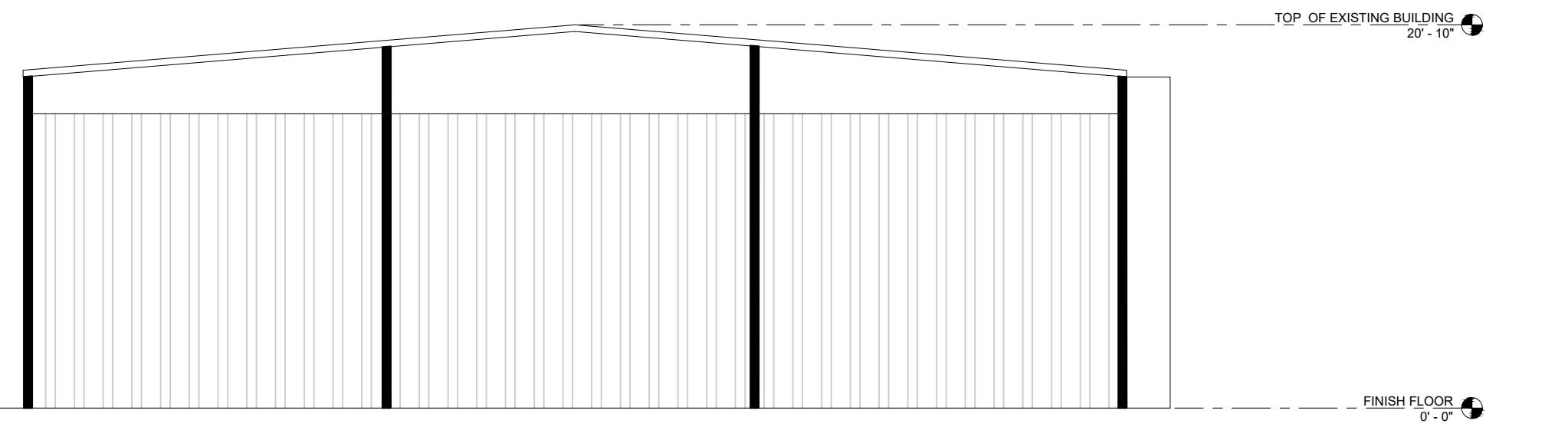
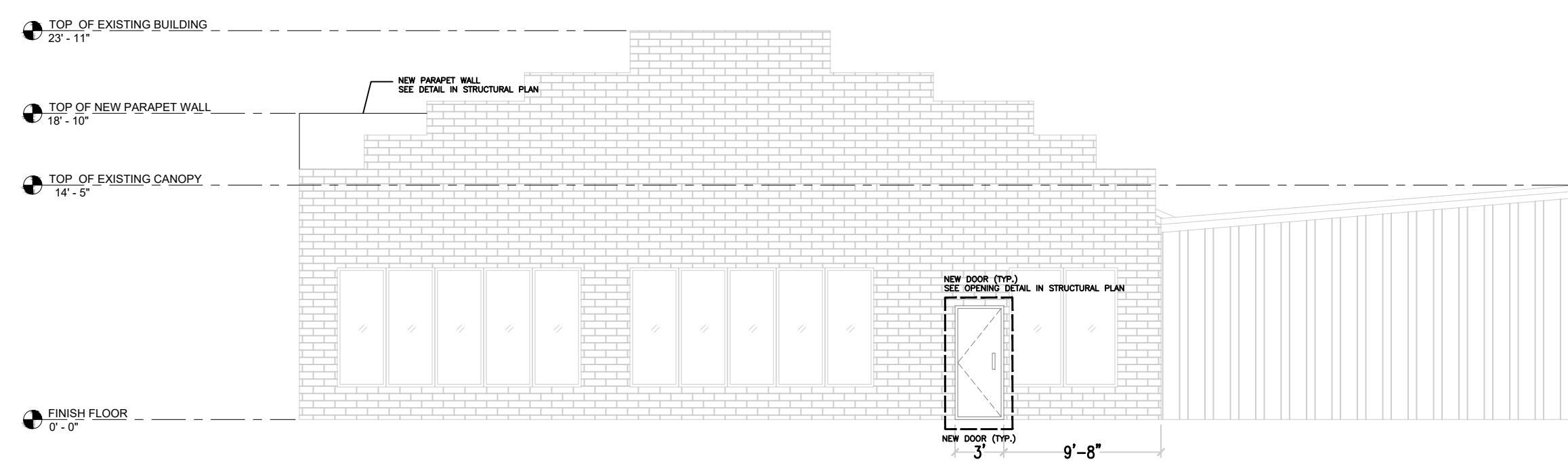
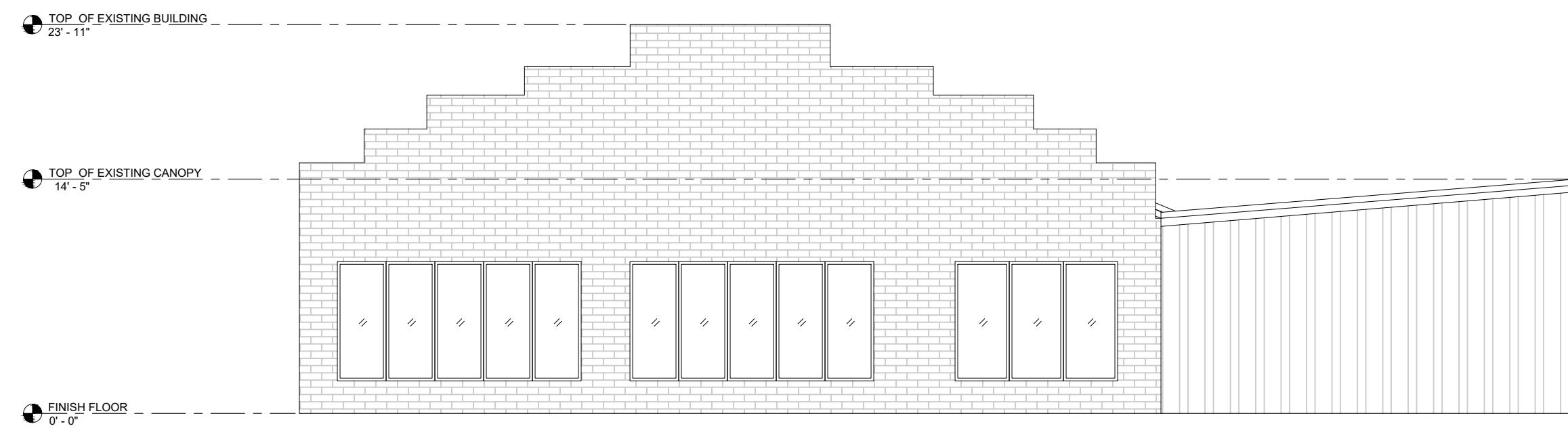
SCALE: AS SHOWN

ISSUED DATE: 01-17-2025

DRAWN BY: L.LIN

CHECKED BY: A.LIANG

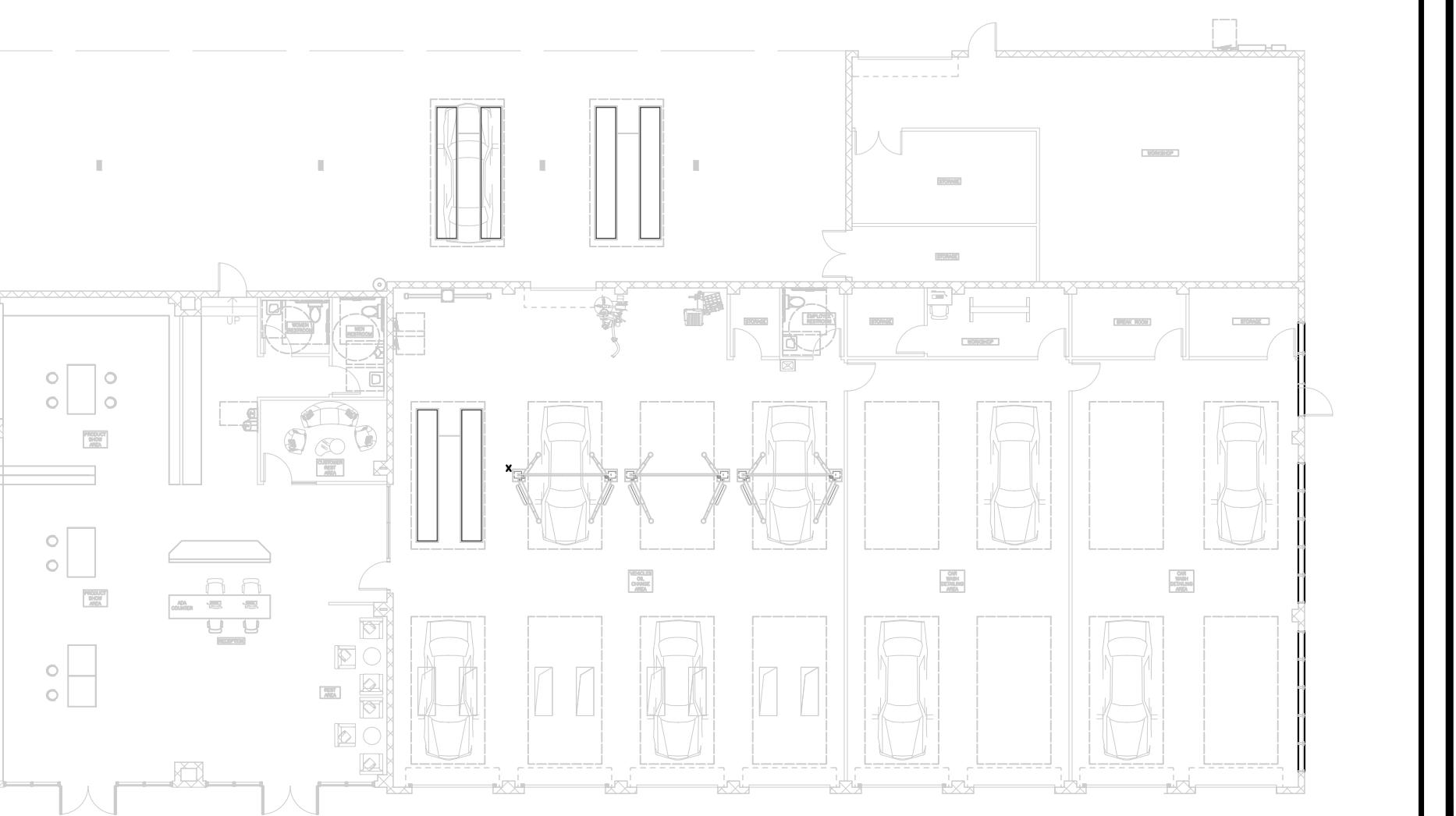
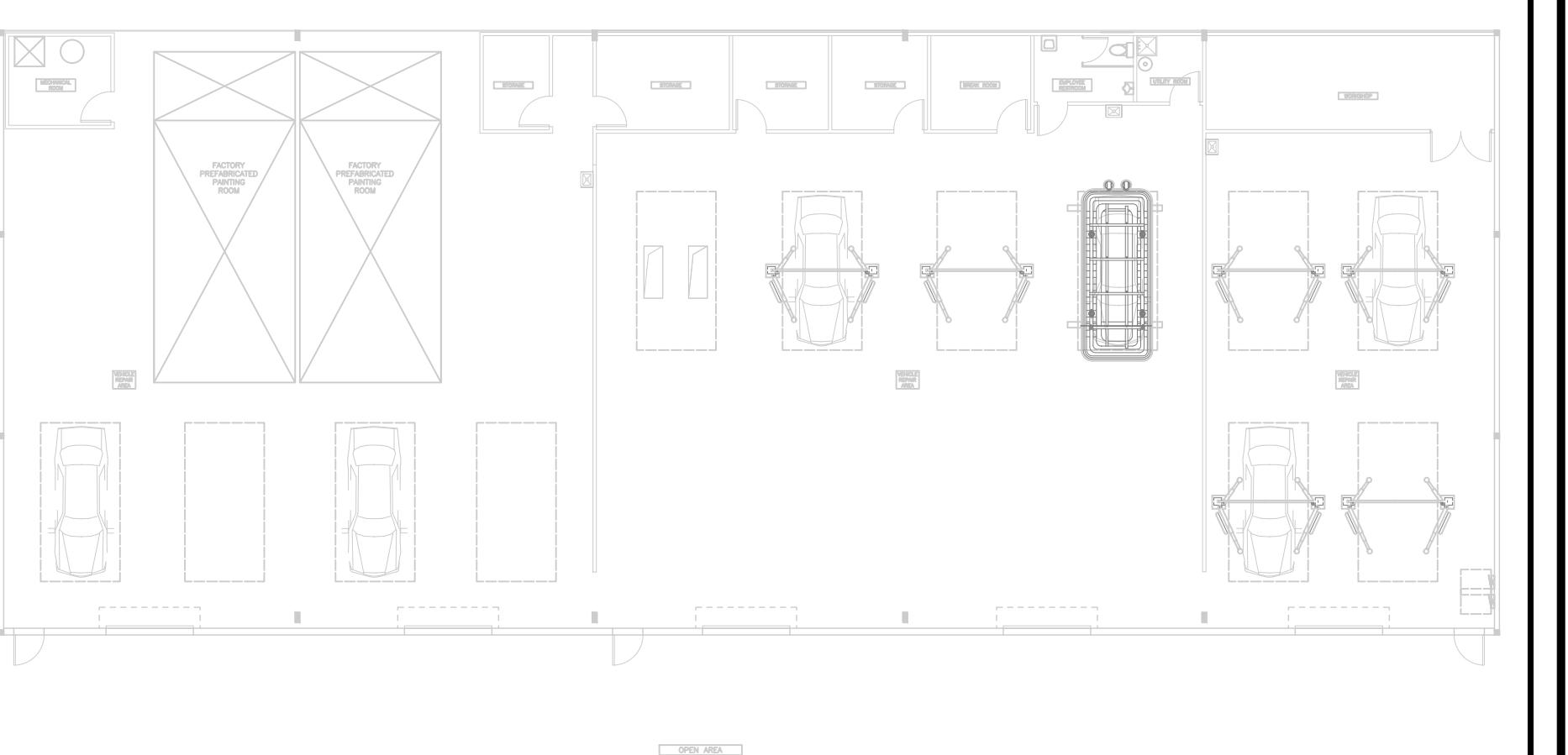
SHEET



NEW SOUTH ELEVATION

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

SOUTH ELEVATION

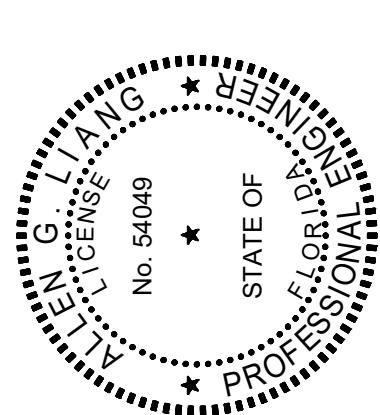


KEY PLAN

SCALE: 1/32"=1'-0"

A4-5

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734-0407
808-18-16 CA# 30527 A&E
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



SIGN & SEAL

PROJECT:	YUEXING AUTO SHOP
	5 N ORANGE BLOSSOM TRL.
	ORLANDO, FL 32805
CONSTRUCTION	<input type="checkbox"/>
PRELIM.	<input checked="" type="checkbox"/>
PERMIT	<input type="checkbox"/>
APPROVAL	<input type="checkbox"/>

REVISION

- 1 |
- 2 |
- 3 |
- 4 |
- 5 |
- 6 |
- 7 |

PROJECT TYPE: RENOVATION

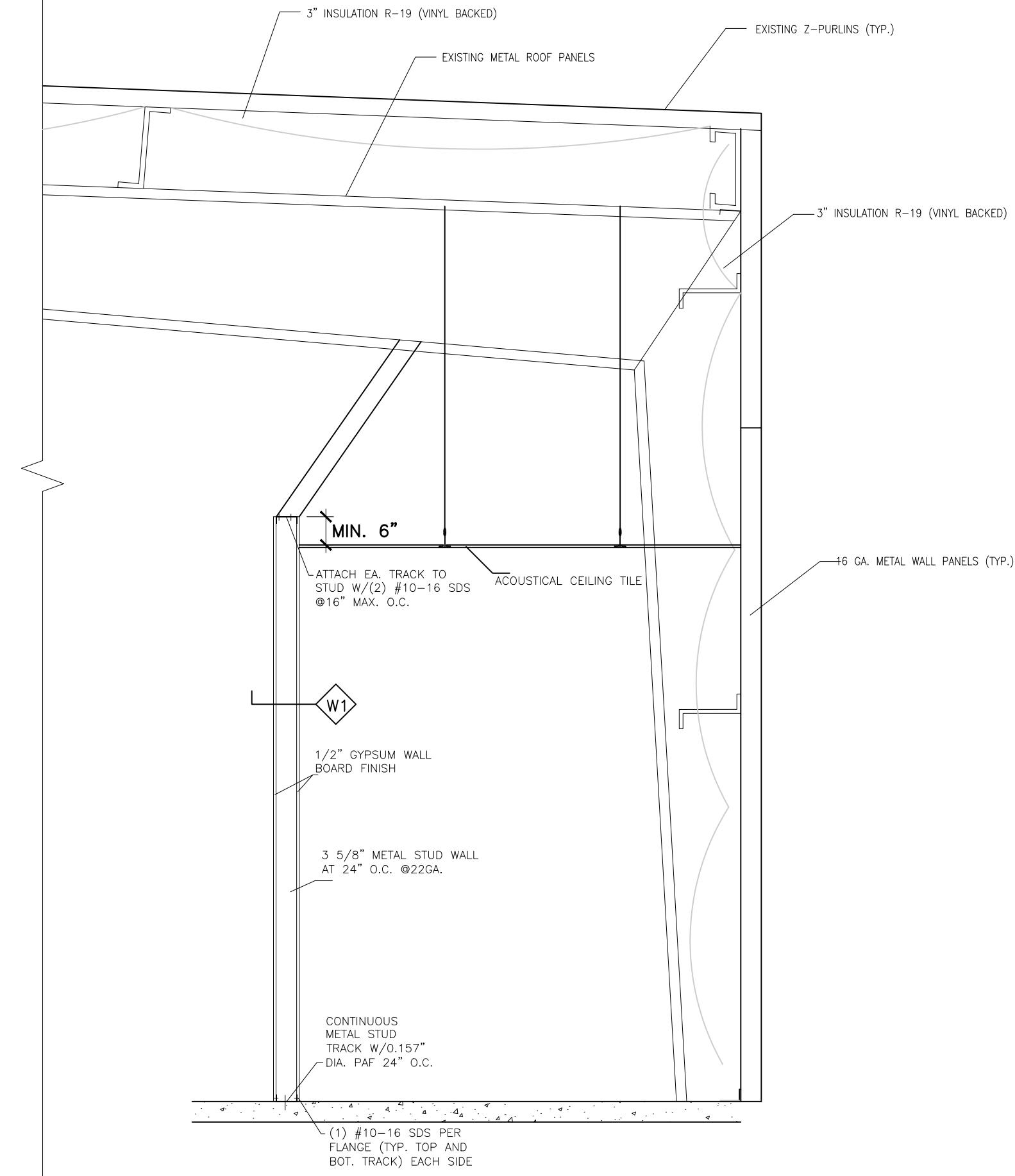
SCALE: AS SHOWN

ISSUED DATE: 01-17-2025

DRAWN BY: L.LIN

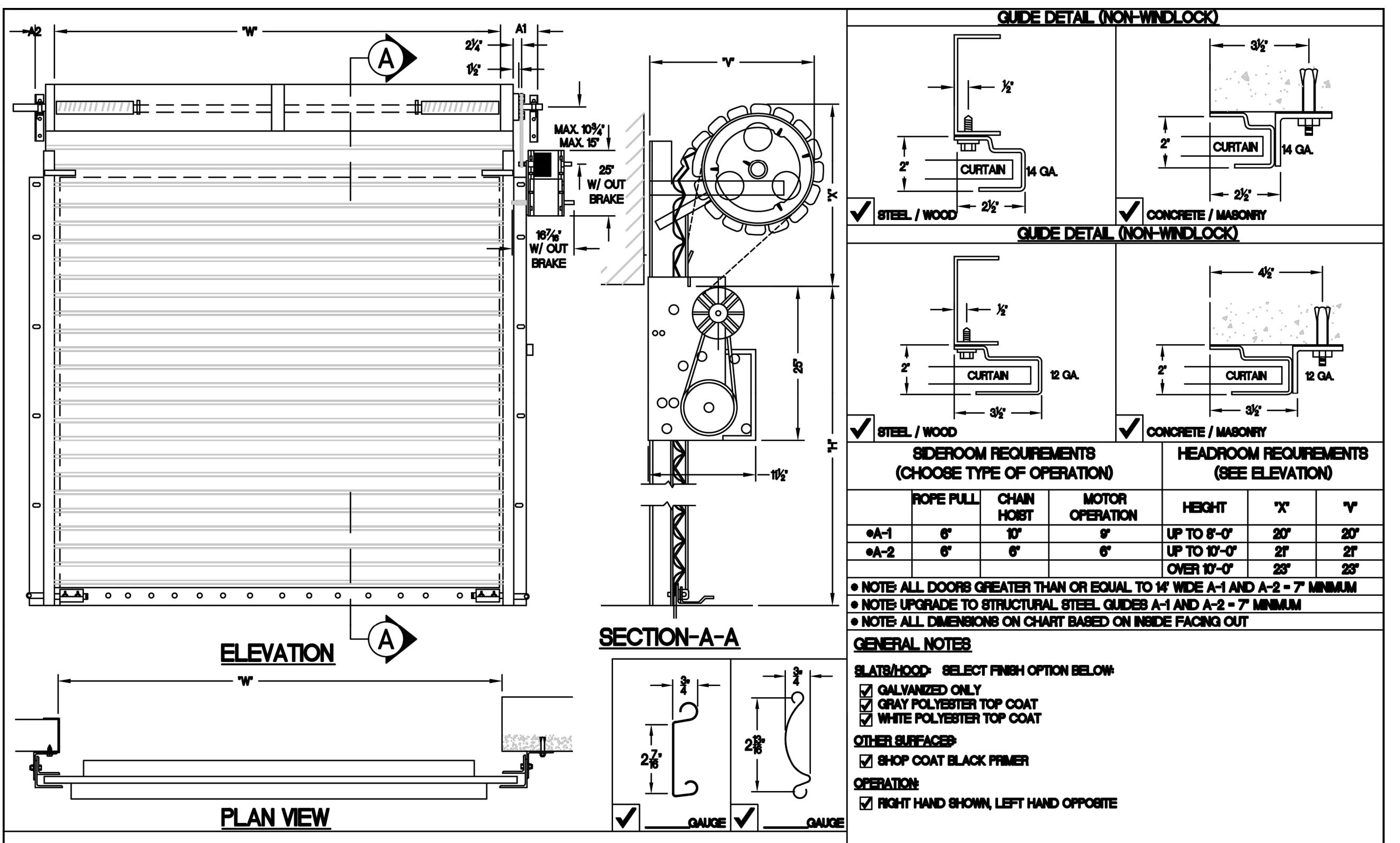
CHECKED BY: A.LIANG

NOTE: SHEET



EXTERIOR WALL AND ROOF DETAIL

SCALE: T.S.

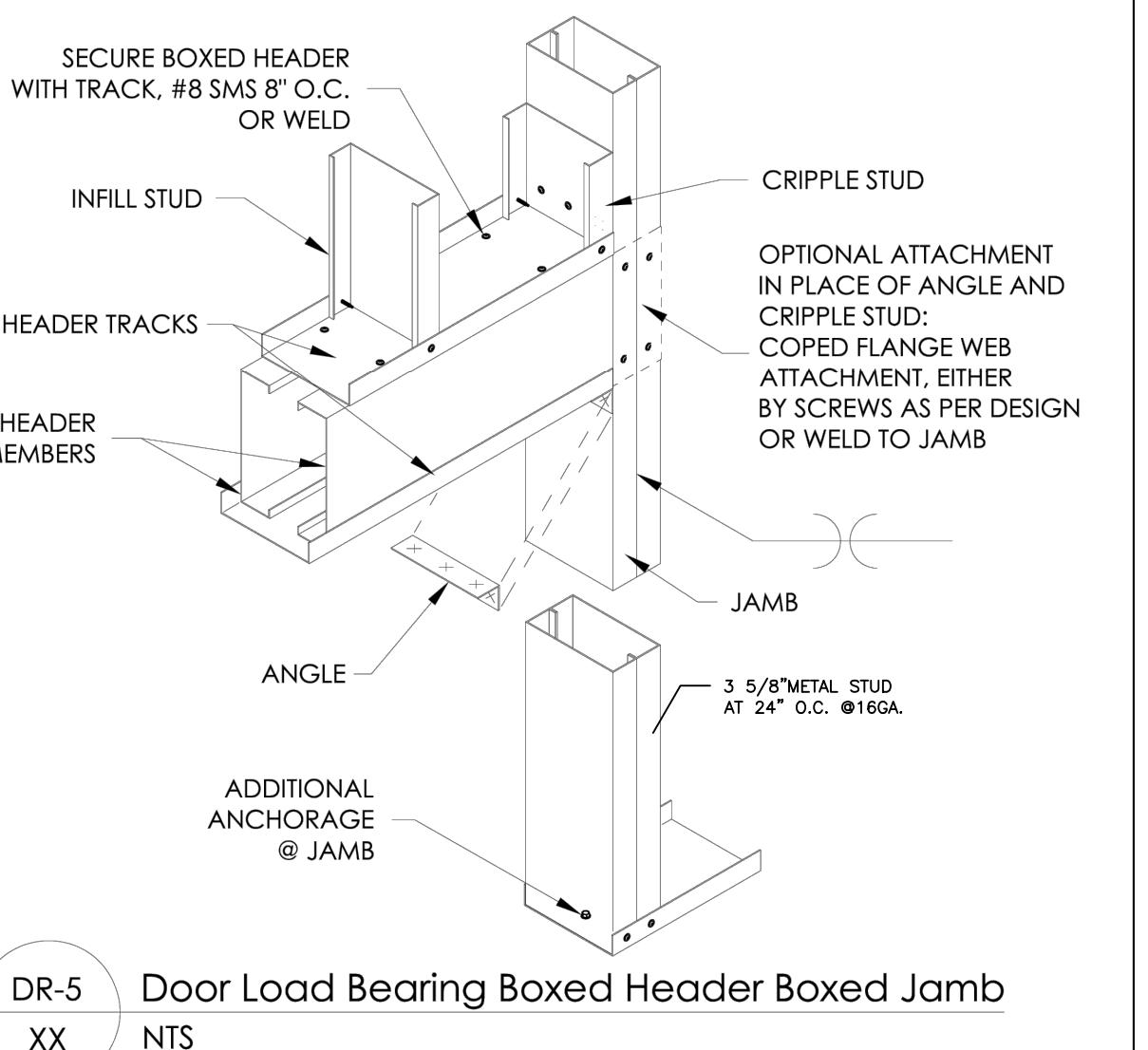


ROLL-UP DOOR DETAIL

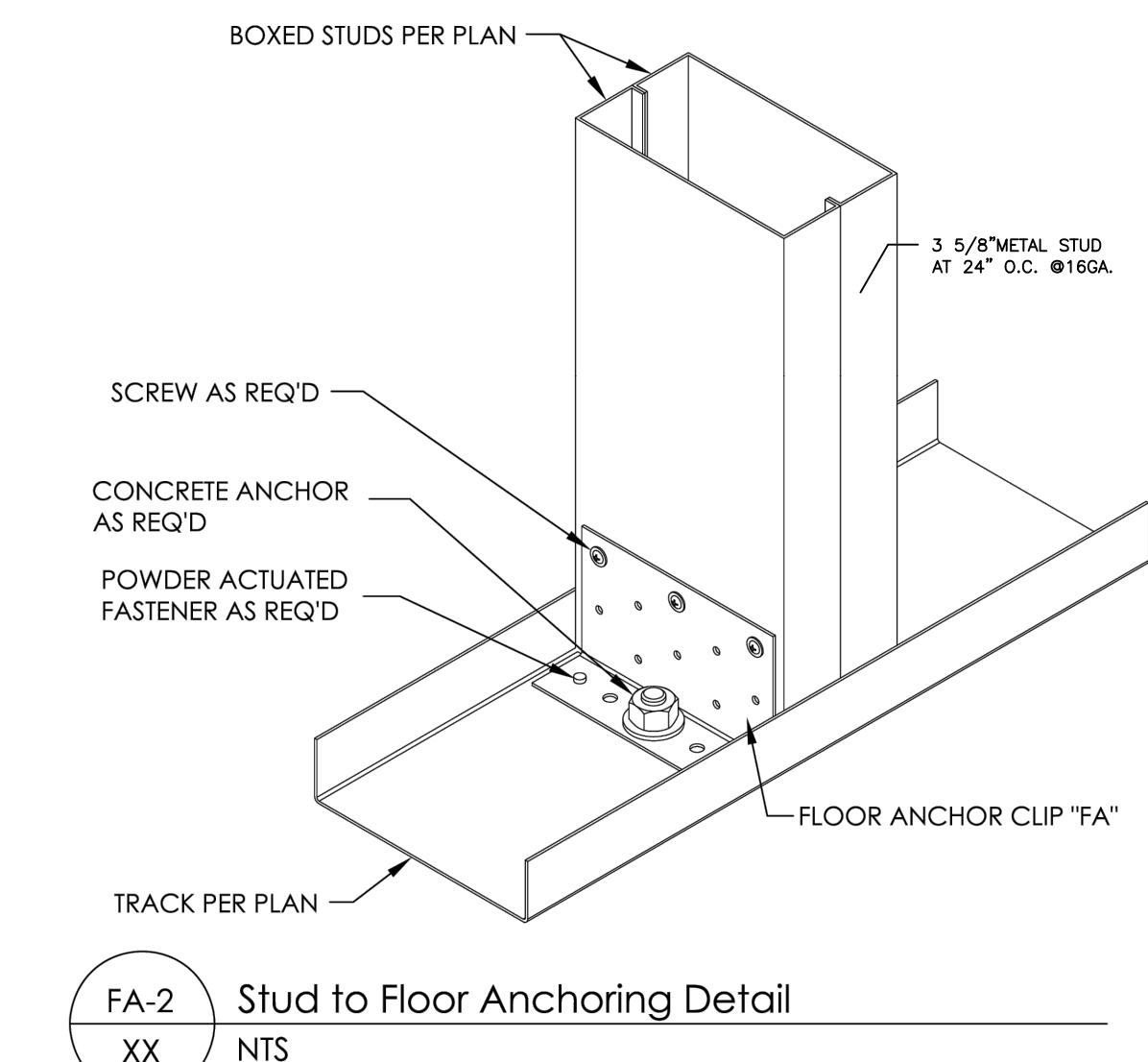
SCALE: NTS

scafcō
Steel Stud Company

scafcō
Steel Stud Company



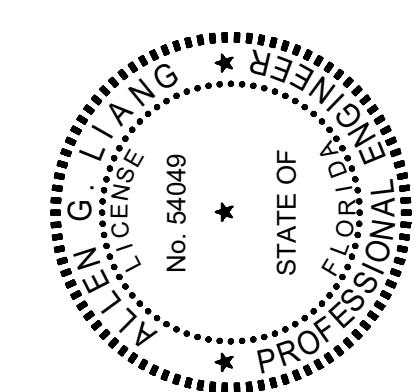
Steel Framing Details



Steel Framing Details

25

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734 (407)
808-18-16 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ANY SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



SIGN & SEAL

PROJECT:	YUEXING AUTO SHOP
LOCATION:	5 N ORANGE BLOSSOM TRL.
CONSTRUCTION	PRELIM
PERMIT	APPROVAL

ELEVATION DETAIL

L. Roberto Lomas P.E.
400 S Palm Ave
Indialantic, FL 32903
434-688-0609
rlomas@rlomaspc.com

Engineering Evaluation Report
Report No.: 512499C

Manufacturer: US Aluminum
950 Solon Rd.
Waxahachie, TX 75165

Product Line: Series 450 Center Glazed Store Front

Compliance: The product listed herein complies with requirements of the Florida Building Code.

Supporting Technical Documentation:

1. Approval document: drawing number 08-01813, Revision B, prepared, signed and sealed by Luis Roberto Lomas P.E. at 400 S Palm Ave, Indialantic, FL 32903
2. Test report No.: ATI 79428-03-801-47 signed and sealed by Joseph Reed, P.E. Architectural Testing Inc., Southlake, TX
3. Test report No.: ATI NC 0724.01-06 signed and sealed by David Johnson P.E. Uniform Static Air Pressure, +65.0psf design pressure, 15.0 water penetration
4. Anchor calculations with comparative analysis, report number 512499-1A, prepared, signed and sealed by Luis Roberto Lomas P.E.

Limitations and Conditions of use:

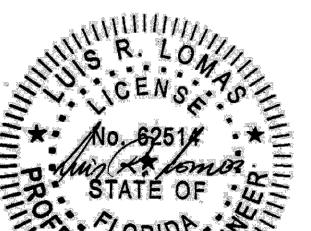
- Design pressure: +30.0psf (Refer to Installation Instruction for smaller sizes rating)
- Units must be glazed per ASTM E130, see installation instructions for glass details.
- This product is not rated to be used in the HVHZ.
- This product is not Impact resistant and requires impact protection in wind borne debris regions.
- Frame material to be extruded Aluminum 6063-T5.

Installation:

Units must be installed in accordance with manufacturer's installation instructions and approval document, 08-01813 Revision B.

Certification of Independence:

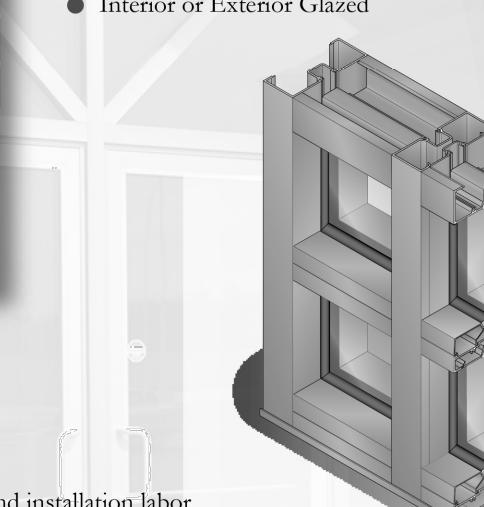
Please note that I don't have nor will acquire a financial interest in any company manufacturing or distributing the product(s) for which this report is being issued. Also, I don't have nor will acquire a financial interest in any other entity involved in the approval process of the listed product(s).



1 of 1

Luis R. Lomas, P.E.
FL No. 62514
03/24/2023

STOREFRONT SYSTEMS SERIES 400 & 450 CENTER GLAZE



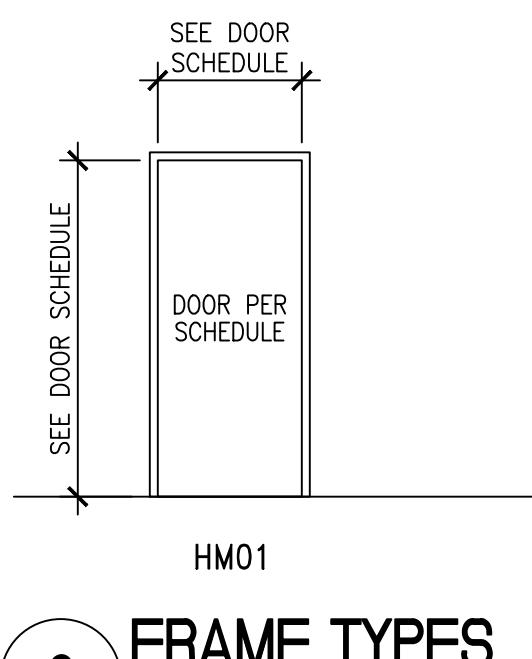
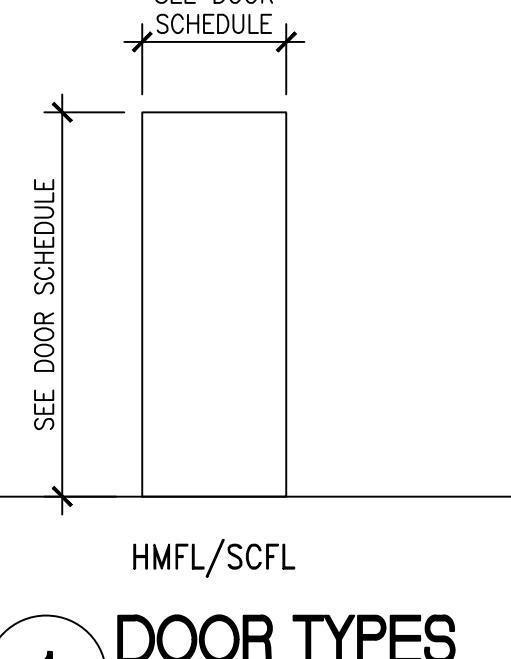
Fabrication and installation labor costs have always been a decisive factor in selecting framing systems for storefront projects. United States Aluminum offers cost efficient versatile Center Glazed Systems with clean lines and superb performance. All series may be interior or exterior glazed. A top load E.P.D.M. gasket is used to position and weatherseal the glass in the aluminum pocket. Center Glazed Systems are compatible with most United States Aluminum Entrance Doors.

PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET

A5

STORE FRONT NOTE:

1. THIS PRODUCT IS FLORIDA APPROVAL, SEE FL#16049.

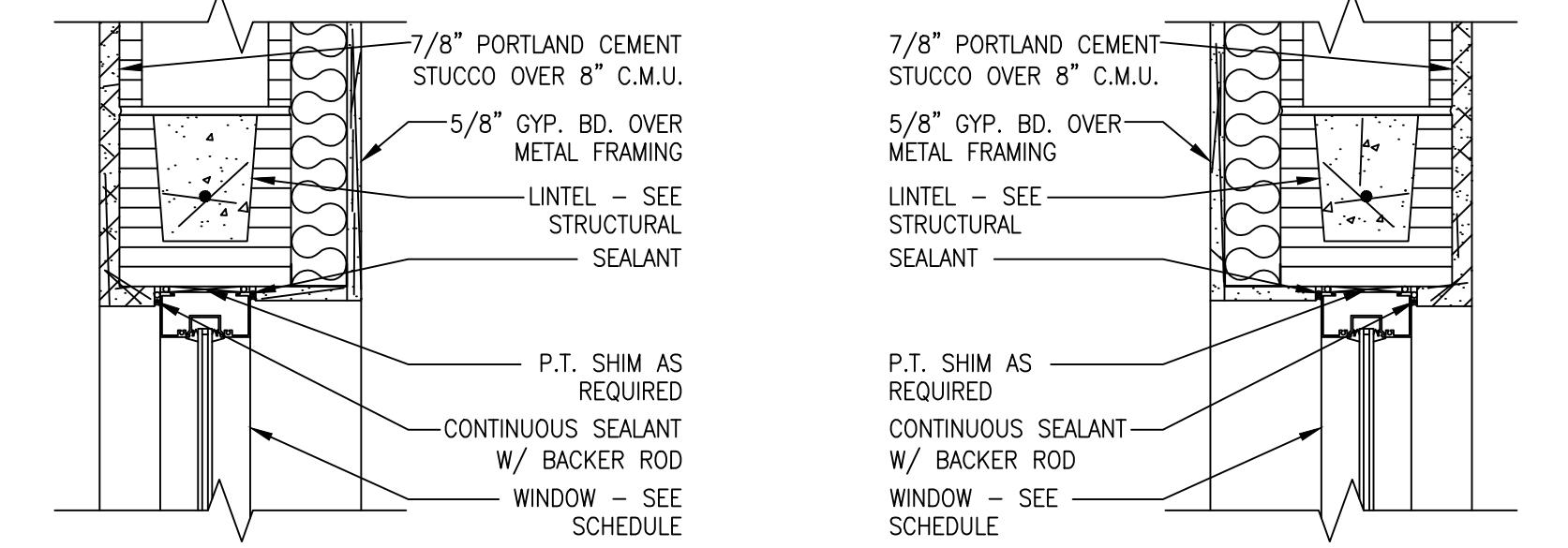
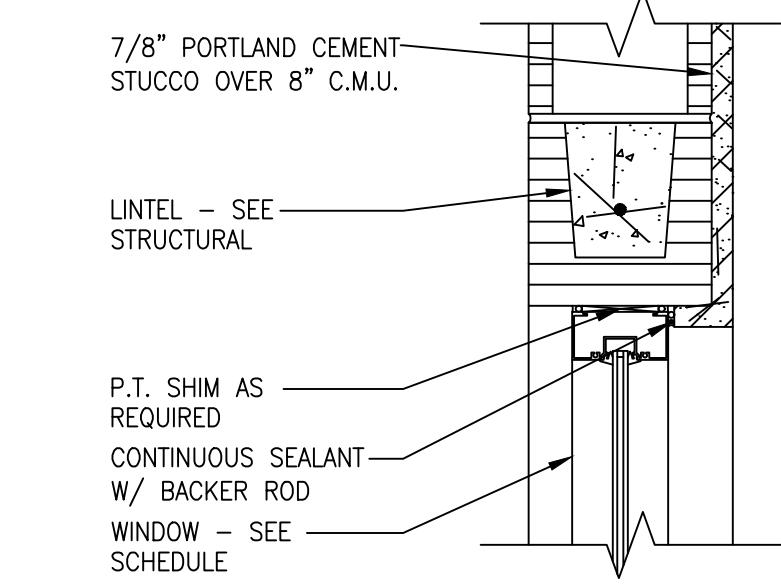


1 DOOR TYPES

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

2 FRAME TYPES

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

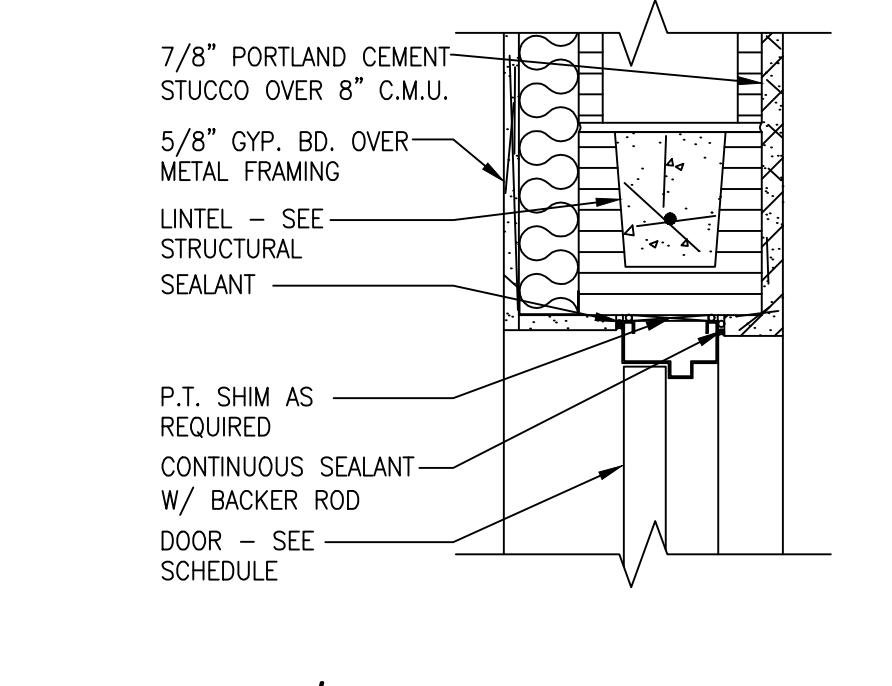
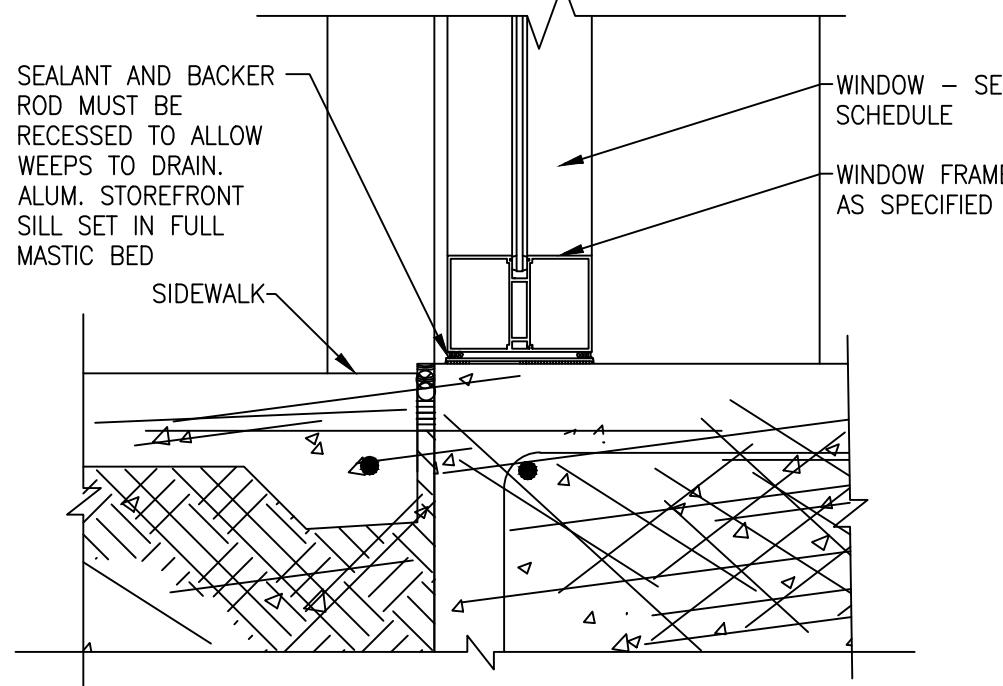


4 HEAD/JAMB DETAIL

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

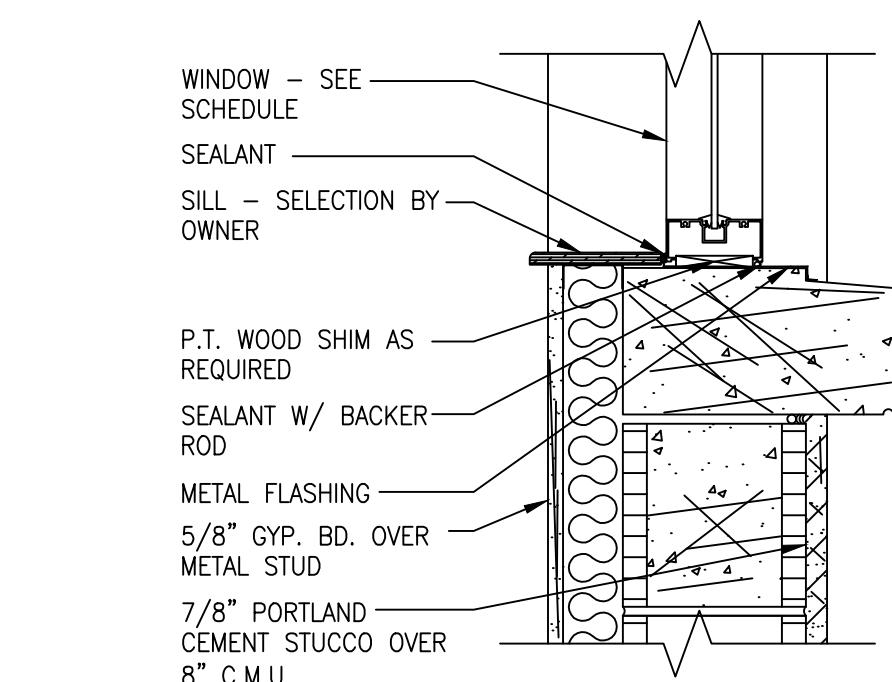
5 HEAD/JAMB DETAIL

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



8 SILL DETAIL

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

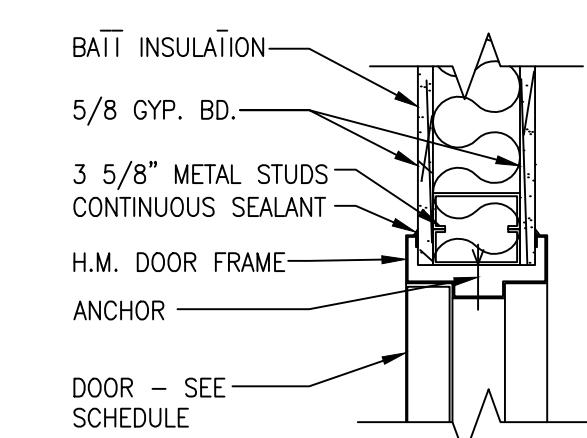


11 THRESHOLD DETAIL

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

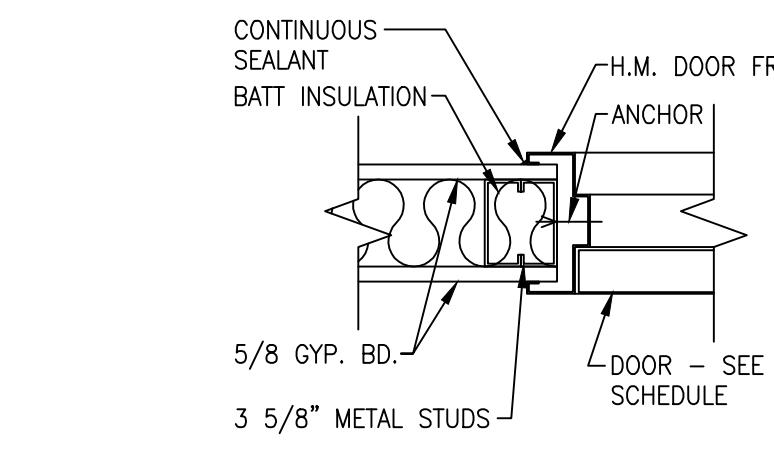
12 SILL DETAIL

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



13 TYP. INTERIOR HEAD DETAIL

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



14 TYP. INTERIOR JAMB DETAIL

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

NOTES:

- FIELD VERIFY ALL DIMENSIONS.
- WINDOW CONTRACTOR SHALL BE UNDER A SEPARATE PERMIT. SUBMIT STOREFRONT SHOP DRAWINGS TO LANDLORD FOR APPROVAL PRIOR INSTALLATION.
- COMPONENT AND CLADDING WIND LOADS FOR WINDOWS AND DOORS: +30.0PSF/-39.2PSF
- ULTIMATE DESIGN WIND SPEED 140 MPH
- NORMAL DESIGN WIND SPEED 132 MPH
- RISK CATEGORY: II
- WIND EXPOSURE: "B"
- INTERNAL PRESSURE COEFFICIENT +/- 0.18(ENCLOSED BUILDING) MEAN ROOF HEIGHT 20'

LOCKSETS WEATHERSTRIP(W)				
NO.	TYPE	MODEL	FINISH	BRAND
1	THRESHOLD	171A-36"	AL	PEMCO
2	THRESHOLD	171A-36"	AL	PEMCO
3	WEATHERSTRIP	SET 303-AV	AL	PEMCO
4	Drip Cap	346C-36"	AL	PEMCO
5	DOOR BOTTOM	216AV-36"	AL	PEMCO

PANIC(C)				
NO.	TYPE	MODEL	FINISH	BRAND
1	SURF. MNT. RODDED PANIC	MANUF. STNDRD	US32D	KAWNEER
2	PANIC-RIM DEVICE	98/98 RIM	US32D	VON DUPRIN

PUSH/PULL(P)					
NO.	DIRECTION	TYPE	MODEL	FINISH	BRAND
1	LEAF	PULL	980P	US32D	HAGER
2	LEAF	PUSH	1105	US32D	HAGER
3	LEAF	PULL			MANUFACTURER'S STANDARD

DOOR SCHEDULE							
NO.	MARK	SIZE	MATERIAL	FRAME	FINISH	RATING	REMARKS
1	STORE FRONT	3'-0" x 7'-0" x 1 3/4"	NEW	ALUMINUM& TEMPERED GLASS	ALUM	BRONZE	- PANIC HARDWARE IS REQUIRED
2	STORE SIDE	3'-0" x 7'-0" x 1 3/4"	NEW	ALUMINUM& TEMPERED GLASS	ALUM	BRONZE	- PANIC HARDWARE IS REQUIRED
3	STORE BACK	3'-0" x 7'-0" x 1 3/4"	NEW	ALUMINUM& TEMPERED GLASS	ALUM	BRONZE	- PANIC HARDWARE IS REQUIRED
4	STORE BACK	3'-0" x 7'-0" x 1 3/4"	NEW	HOLLOW METAL	METAL	PAINT	- PANIC HARDWARE IS REQUIRED
5	BACK BUILDING - FRONT	3'-0" x 7'-0" x 1 3/4"	NEW	ALUMINUM& TEMPERED GLASS	ALUM	BRONZE	- PANIC HARDWARE IS REQUIRED
6	ROLL-UP DOOR	10'-0"X10'-0"X1 3/4"	EXISTING	HOLLOW METAL	METAL	PAINT	-
7	ROLL-UP DOOR	7'-0"X10'-0"X1 3/4"	EXISTING	HOLLOW METAL	METAL	PAINT	-
8	ROLL-UP DOOR	8'-8"X10'-0"X1 3/4"	EXISTING	HOLLOW METAL	METAL	PAINT	-
9	ROLL-UP DOOR	8'-8"X10'-0"X1 3/4"	NEW	HOLLOW CORE WOOD	WOOD	PAINT	- ADA COMPLIANT "MEN" &"WOMAN" SIGN MOUNTING HEIGHT@ 48" AFF

DOOR NOTES:

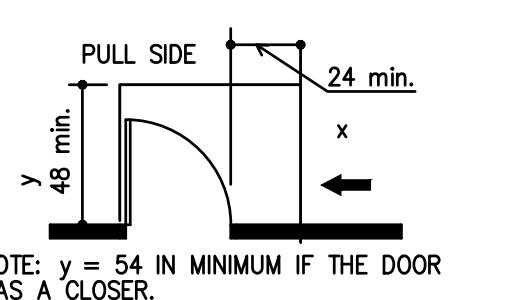
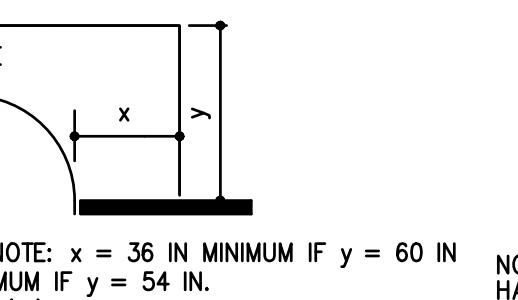
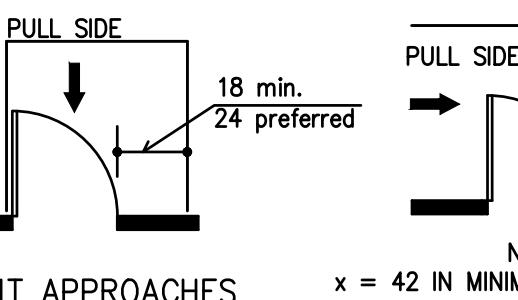
- LATCH SIDE CLEARANCES AT ALL DOORWAYS SHALL BE IN ACCORDANCE WITH FBCA, SECTION 404.2.4
- ALL EXITS TO BE LABELED.
- INTERIOR DOORS TO BE LABELED AS TO INTENDED USE.
- ALL EXIT DOORS SHALL BE PROVIDED WITH PANIC HARDWARE.
- THE OPERATING DEVICE ON ALL DOORS SHALL BE CAPABLE OF OPERATION WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. THE INTERIOR HINGED DOOR SHALL BE 5.0 POUNDS (22.2 N) MAXIMUM PER FBCA SECTION 404.2.9
- ALL INTERIOR DOORS TO BE LEVER TYPE WITH DOOR CLOSERS AND 1/2" THRESHOLD.
- LANDINGS SHALL BE PROVIDED AT EVERY REQUIRED EXIT IF ABOVE OR BELOW GRADE AND THEY SHALL BE A MINIMUM OF 36 INCHES IN WIDTH AND 44 INCHES LONG IN THE DIRECTION OF TRAVEL PER FBCB SECTION 1010.1.5
- DOORS AND HARDWARE SHALL COMPLY WITH ALL APPLICABLE EGRESS, FIRE PROTECTION, AND ACCESSIBILITY REQUIREMENTS REGARDLESS IF THERE ARE ERRORS AND/OR OMISSIONS ON THE APPROVED PLANS.

WINDOW SCHEDULE

NO.	MARK	SIZE	MATERIAL	FRAME	FINISH	RATING	REMARKS
1	STORE SIDE	3'-0" x 7'-4" x 1-3/4"	EXISTING	ALUM.	ALUM.	ANODIZED	-
2	STOREFRONT	3'-0" x 8'-9" x 1-3/4"	NEW	ALUM.	ALUM.	ANODIZED	-

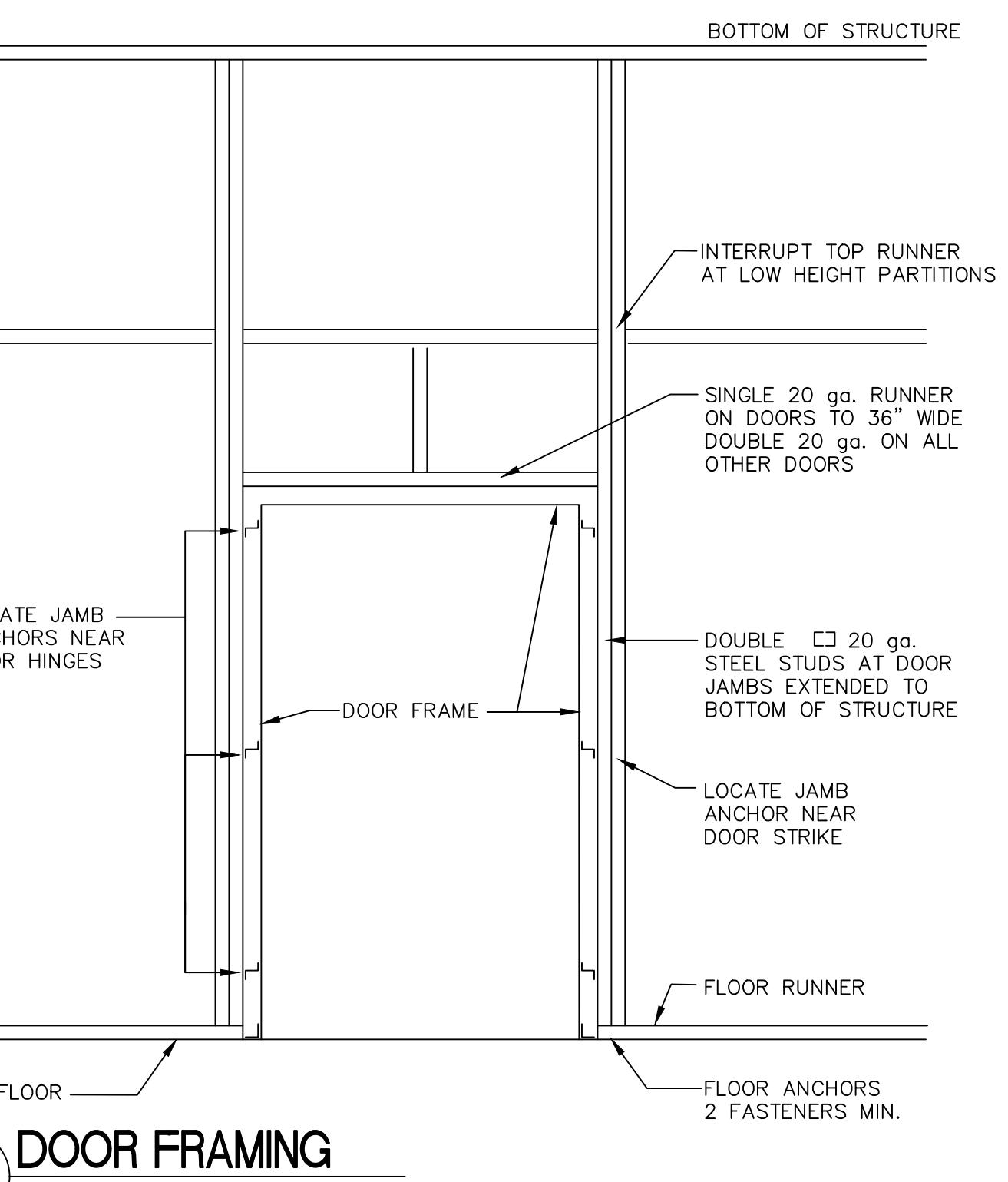
WINDOW NOTES:

- WINDOW SCREENS ARE TO BE PROVIDED BY GENERAL CONTRACTOR FOR ALL OPERABLE WINDOWS
- VERIFY WITH OWNER REGARDING CASEMENT WINDOW OPENING DIRECTION
- CONTRACTOR TO REFERENCE THE ELEVATIONS FOR WINDOW POSITIONS



PROVISIONS FOR BARRIER FREE DOOR(S)

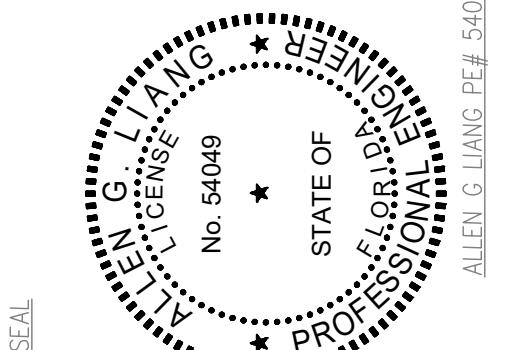
SCALE: NTS



DOOR FRAMING

SCALE: NTS

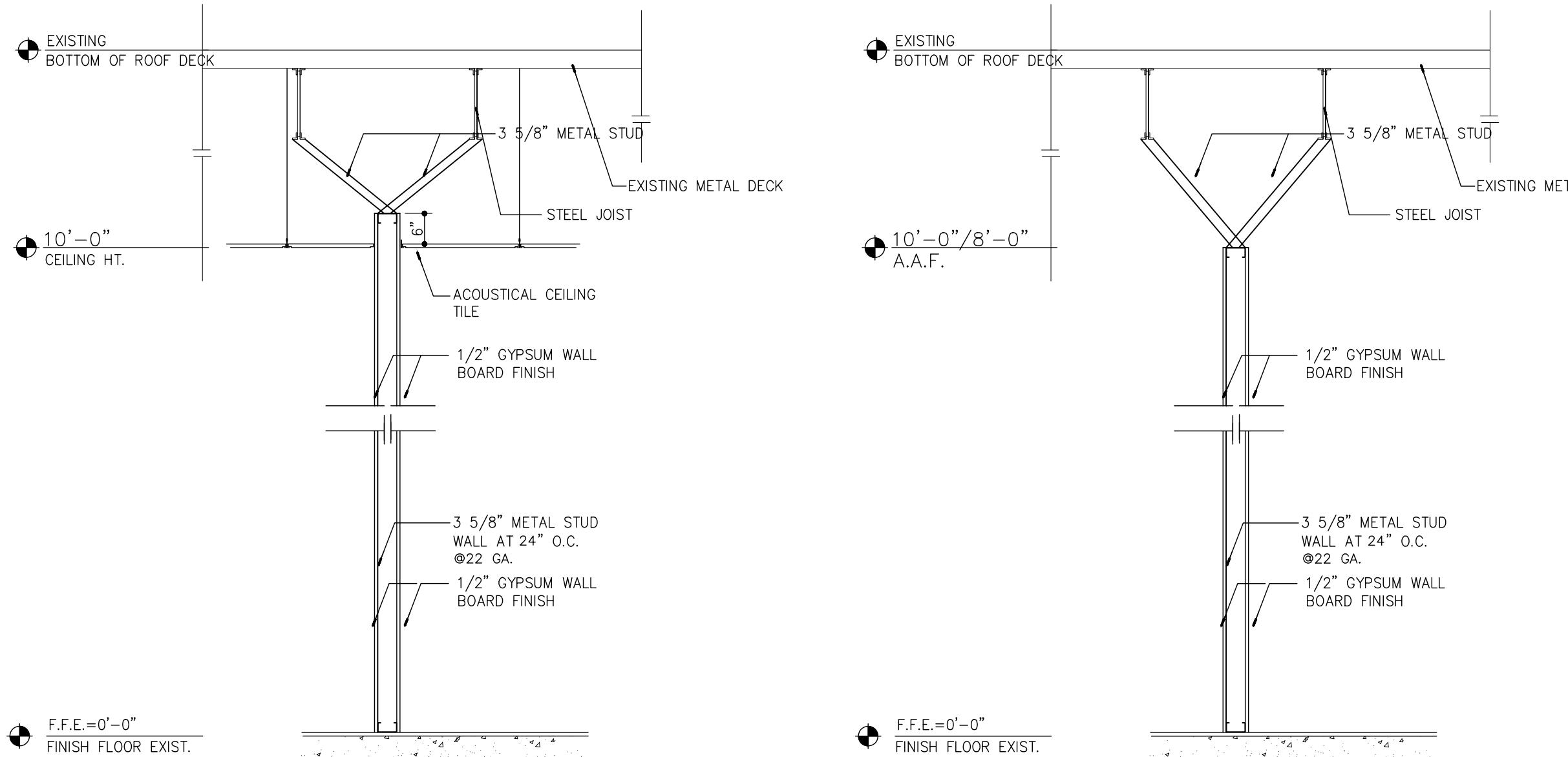
DESIGN: GREENLOGIC, LLC
P.O.BOX 678 GOTHA FLORIDA 34734 (407) 808-1816 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND DATED.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.



PROJECT: YUEXING AUTO SHOP
5 N ORANGE BLOSSOM TRL.
ORLANDO, FL 32805
SHEET TITLE: DOOR & GLAZING DETAIL
CONSTRUCTION PERMIT
PRELIM DATE APPROVAL

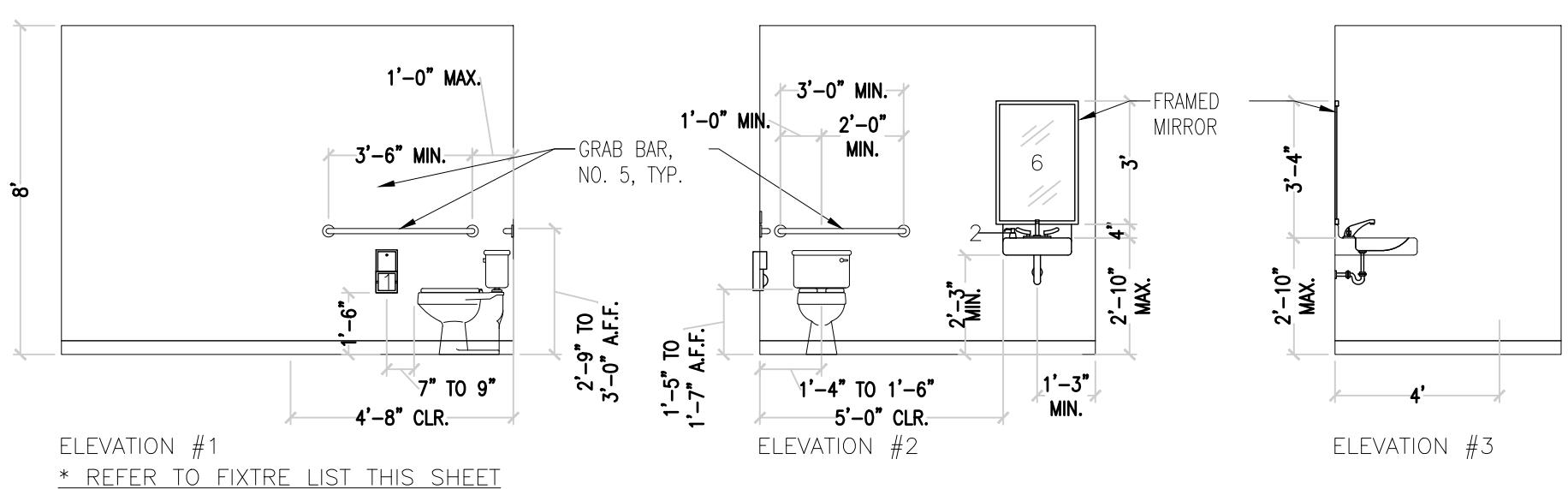
REVISION: 1 | 2 | 3 | 4 | 5 | 6 | 7 |
PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET

A6



W1 WALL DETAILS
SCALE:N.T.S.

W2 WALL DETAILS
SCALE:N.T.S.



HANDICAPPED RESTROOM ELEVATIONS

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

NOTE:
SIGNS REQUIRED FOR ACCESSIBILITY FOR INDIVIDUALS WITH DISABILITIES SHALL BE IN ACCORDANCE WITH SECTION 703 OF FBCA REGARDLESS OF ANY ERRORS AND/OR OMISSIONS ON DRAWINGS.

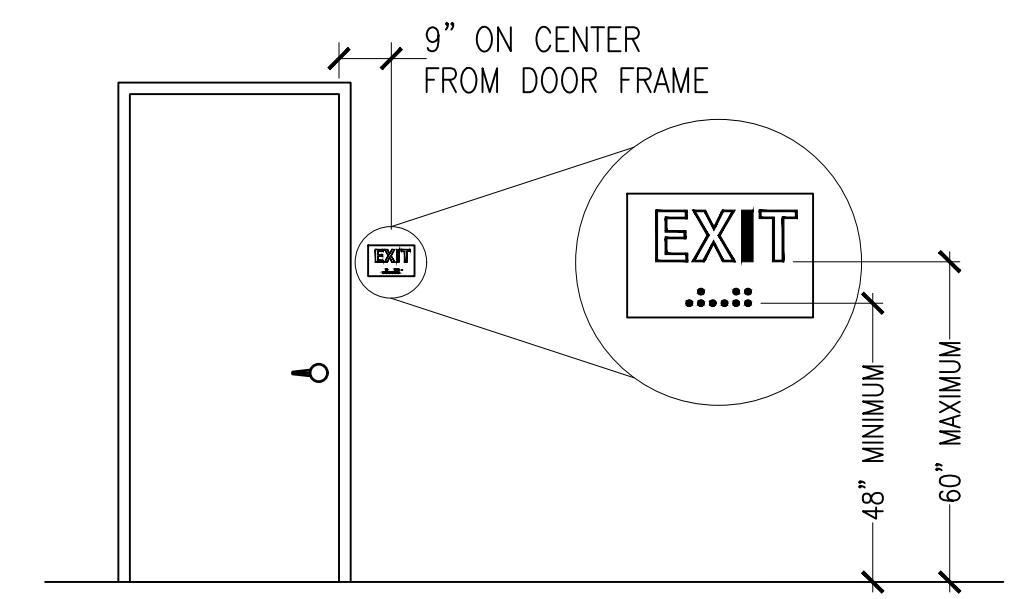
SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUNDS, WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND.



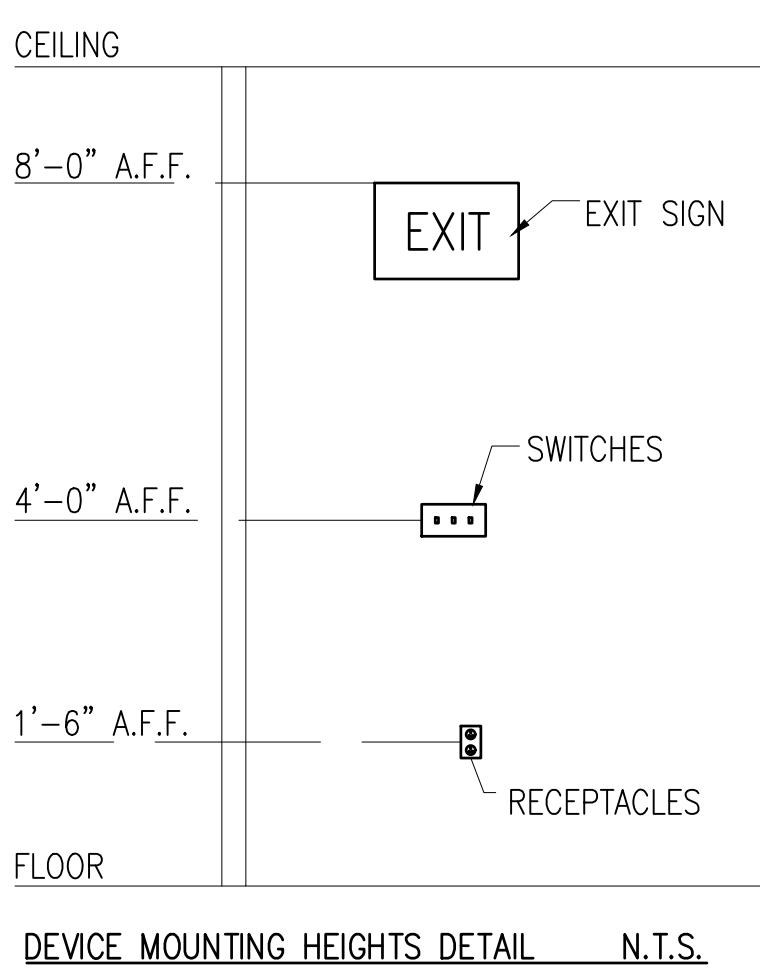
MOUNTING HEIGHT: CHARACTERS SHALL BE 48 INCHES MINIMUM AND 60 INCHES MAXIMUM ABOVE THE ADJACENT FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE CHARACTERS.

MOUNTING LOCATION: WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE ALONGSIDE THE DOOR ON THE LATCH SIDE.

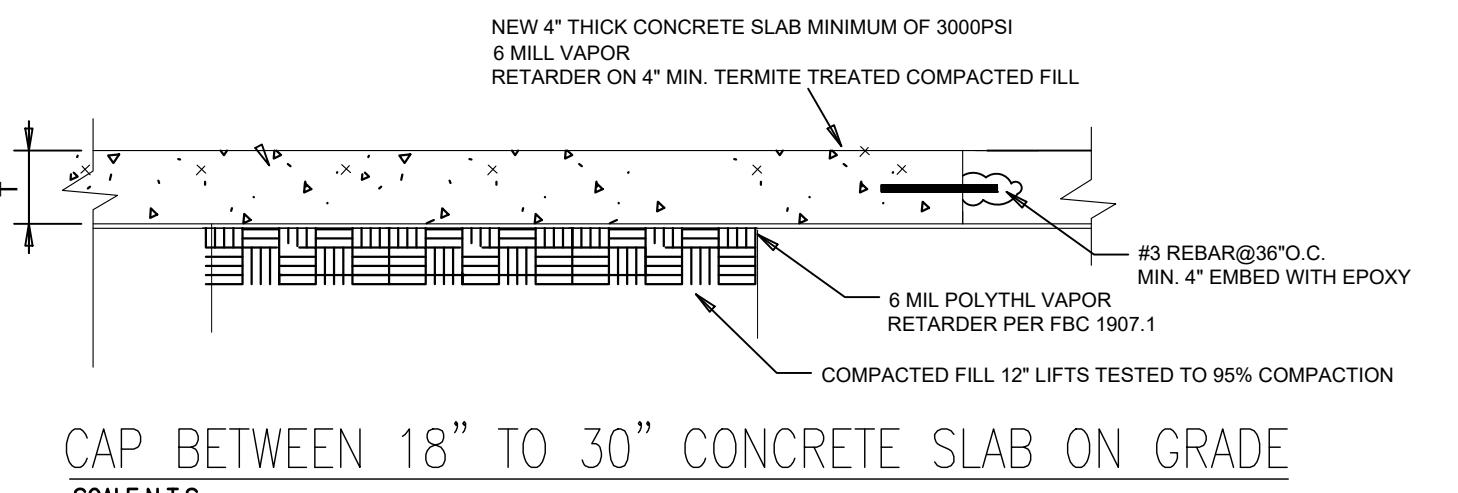
- NOTE:
- EACH DOOR TO AN EXIST SHALL HAVE A TACTILE SIGN. MOUNTING HEIGHT 48" MIN. AND 60" MAX. ABOVE ADJACENT FLOOR OR GROUND SURFACE, INCLUDING RAISED LETTERS AND BRAILLE, STATING: EXIT
 - BRAILLE SHALL BE MOUNTED 48" MIN. - 60" MAX. AFF. TO THE BASELINE OF THE BRAILLE. PER ANSI-A117.1-2012 SECTION 703.4.5.
 - THE SIGN REQUIRED FOR ACCESSIBILITY FOR INDIVIDUALS WITH DISABILITIES SHALL BE IN ACCORDANCE WITH SECTION 703 OF FBCA



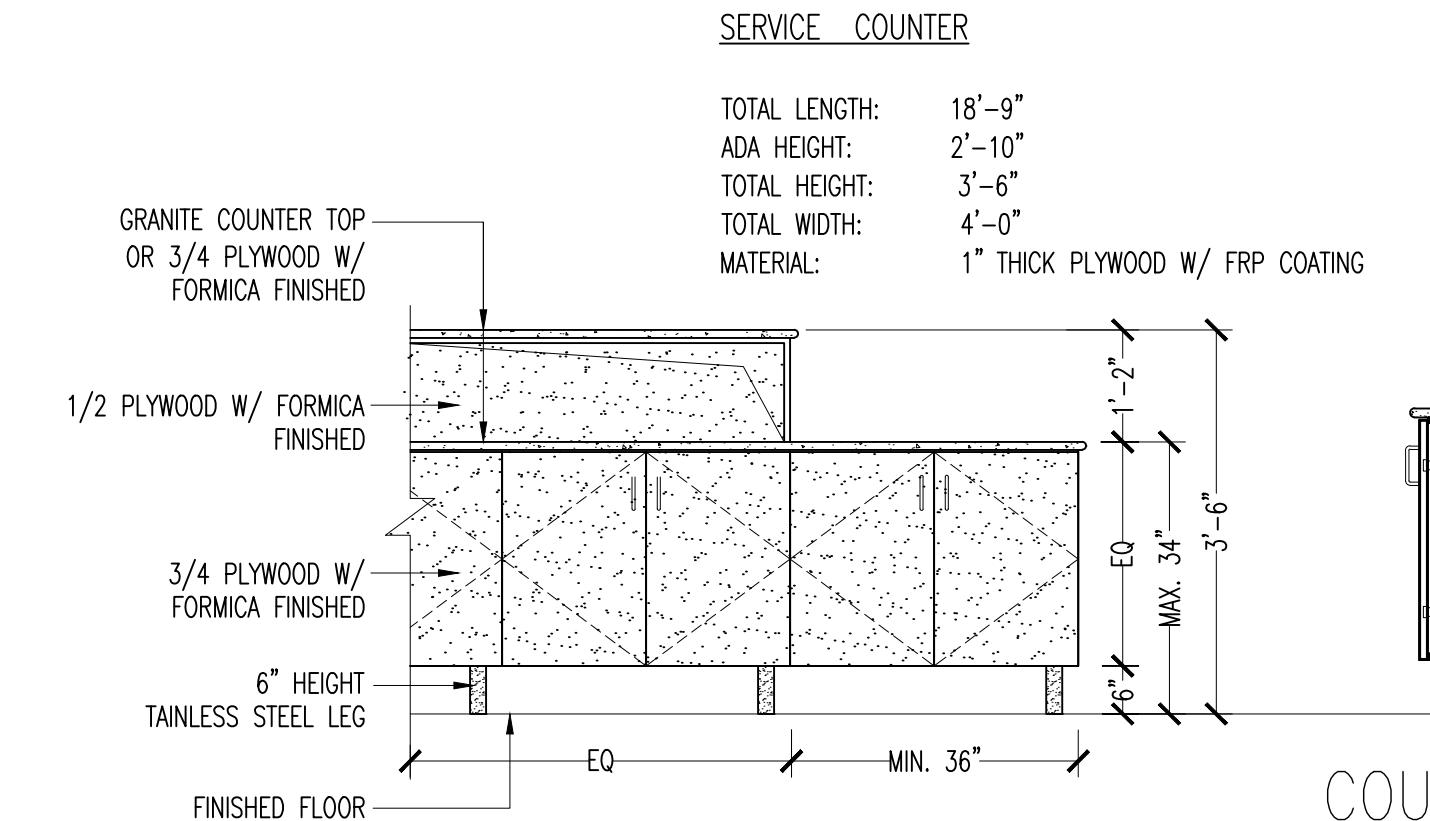
ICC/ANSI SECTION 703.3.10 & SECTION 703.4.5



DEVICE MOUNTING HEIGHTS DETAIL N.T.S.



CAP BETWEEN 18" TO 30" CONCRETE SLAB ON GRADE
SCALE:N.T.S.



COUNTER DETAIL
SCALE: N.T.S.

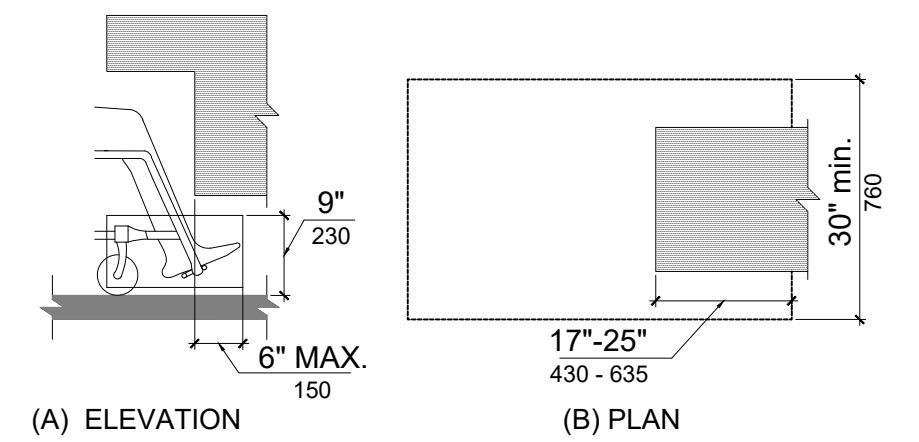
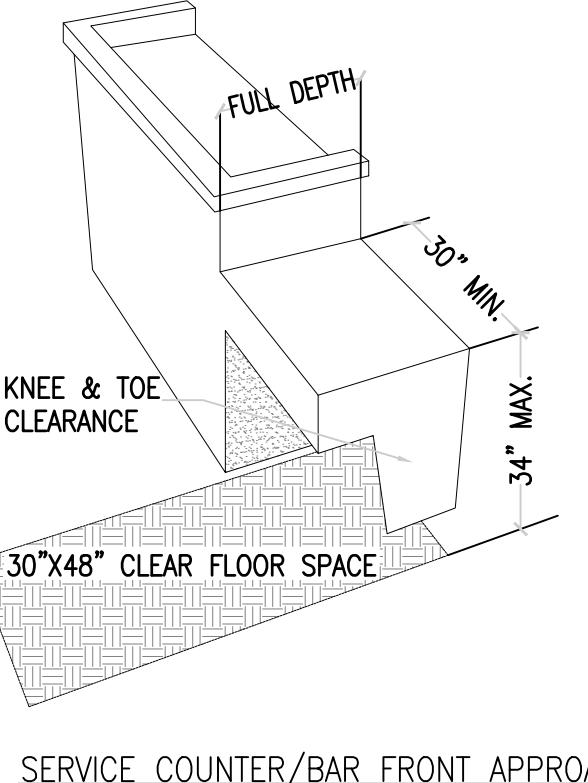


FIG. 306.2
TOE CLEARANCE



SERVICE COUNTER/BAR FRONT APPROACH

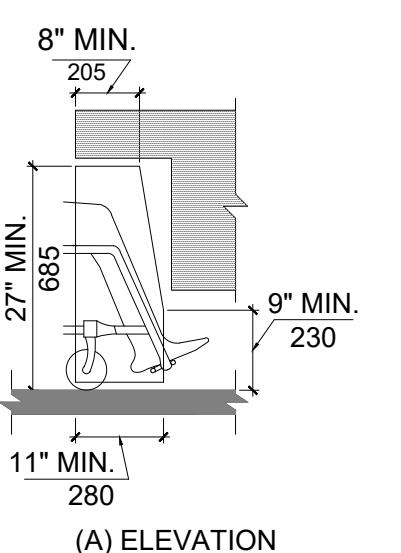
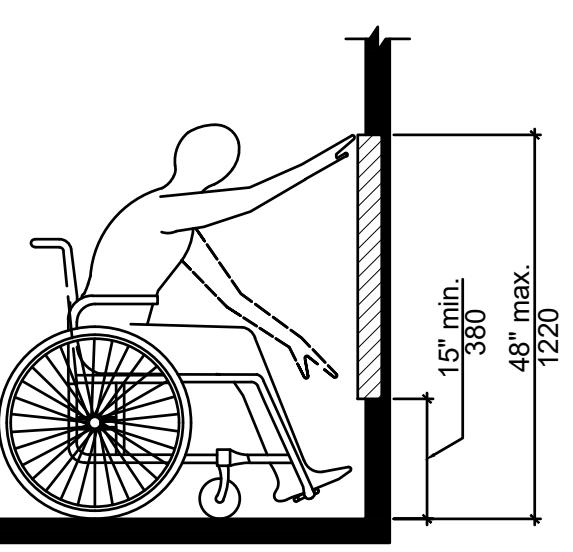
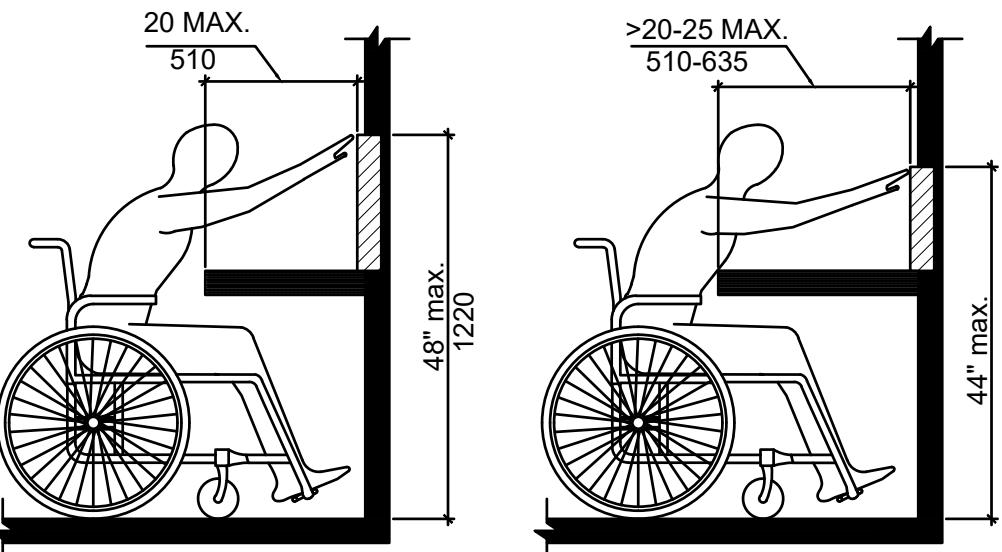


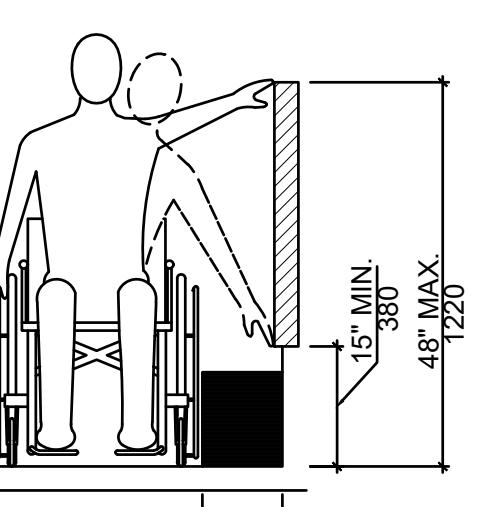
FIG. 306.3
KNEE CLEARANCE



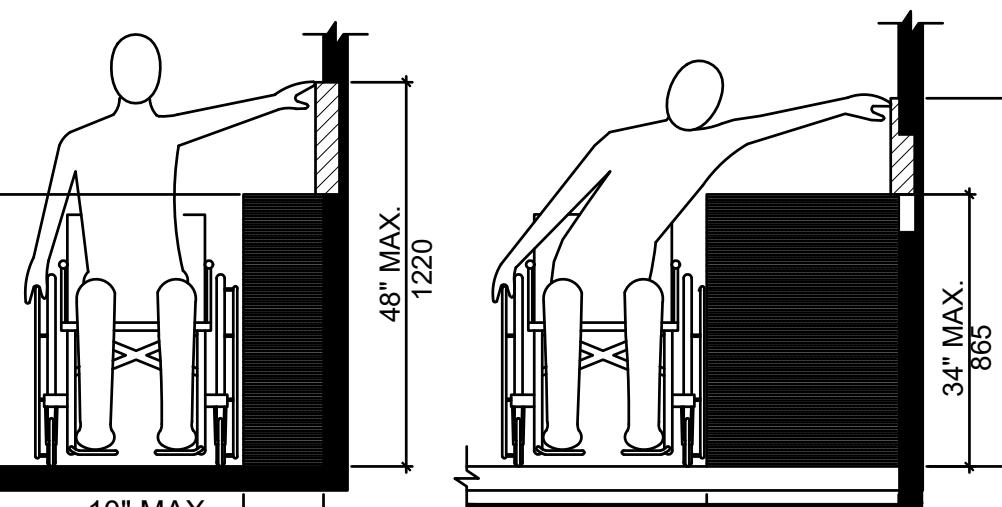
FAC 308.2.1
UNOBSTRUCTED FORWARD REACH



FAC 308.2.2
OBSTRUCTED HIGH FORWARD REACH



FAC 308.3.1
UNOBSTRUCTED SIDE REACH



FAC 308.3.2
OBSTRUCTED HIGH SIDE REACH

PROJECT:	YUEXING AUTO SHOP
ADDRESS:	5 N ORANGE BLOSSOM TRL.
CITY:	ORLANDO, FL 32805
PERMIT:	<input type="checkbox"/>
CONSTRUCTION:	<input type="checkbox"/>
PREFLIM:	<input type="checkbox"/>
APPROVAL:	<input type="checkbox"/>

REVISION

- 1
- 2
- 3
- 4
- 5
- 6
- 7

PROJECT TYPE:

SCALE:

ISSUED DATE:

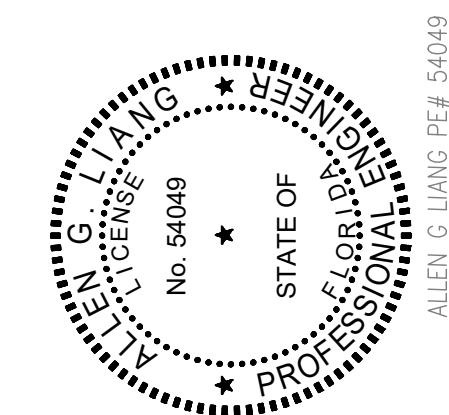
DRAWN BY:

CHECKED BY:

SHEET

A7

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734(407)
808-18-16 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



MECHANICAL NOTES:

- CONTRACTOR SHALL EXAMINE ALL OTHER SPECIFICATIONS, DRAININGS AND ALL OTHER FEATURES OF BUILDING CONSTRUCTION WHICH MAY AFFECT HIS WORK AND BE GOVERNED BY THESE SPECIFICATIONS, INCLUDING THE GENERAL CONDITIONS AND PARTICULAR INSTRUCTIONS TO ALL BIDDERS AND SUPPLIERS.
- ALL WORK SHALL BE EXECUTED AND INSPECTED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND/ OR STATE CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS APPLICABLE TO THIS PARTICULAR CLASS OF WORK, AND EACH CONTRACTOR SHALL INCLUDE IN HIS PRICE ALL SERVICE CHARGES, FEES, PERMITS, ROYALTIES, TAXES, AND OTHER SIMILAR COST IN CONNECTION THEREWITH.
- PRIOR TO FABRICATION OF DUCTWORK, CONTRACTOR SHALL EXAMINE AND VERIFY ALL CONDITIONS ABOVE AND BELOW THE CEILING WHICH MAY INTERFERE WITH THE DUCT SYSTEM AND NOTIFY THE ARCHITECTS OF ANY CONFLICT ENCOUNTERED. CONTRACTOR SHALL PROVIDE ALL OFFSETS ETC. WHICH MAY BE REQUIRED.
- ALL SHEET METAL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH "SMACNA" LOW PRESSURE DUCT CONSTRUCTION STANDARDS, PER FMC 603.10
- TURNING VANES SHALL BE INSTALLED IN ALL BENDS EXCEED 30 DEGREES.
- ALL DUCTS SHALL BE SUPPORTED WITH 1" WIDE, 16 GAUGE GALVANIZED STEEL BANDS.
- ALL RECTANGULAR DUCT SHALL BE INSULATED WITH A MINIMUM OF 1" INTERNAL LINER, 2 LB. DENSITY, ALL ROUND DUCT AND DIFFUSER TOP SHALL HAVE A MINIMUM OF 2" FOIL BACKED BLANKET TYPE INSULATION WITH ALL JOINTS BUTTED AND TAPEDED. INSULATION "R" VALUES SHALL COMPLY WITH GOVERNING ENERGY EFFICIENCY REQUIREMENTS.
- ALL DUCT DIMENSIONS SHOWN ON PLANS ARE SHEET METAL OR FIBERGLASS DIMENSIONS. ALLOWANCE HAS OR FIBERGLASS DIMENSIONS. ALLOWANCE HAS. ALLOWANCE HAS BEEN MADE FOR LINER.
- CONTRACTOR SHALL COORDINATE LOCATION OF ALL SUPPLY AND RETURN AIR REGISTERS, DUCT, GRILLES, AND DIFFUSERS WITH LIGHTS AND CEILING PATTERNS.
- SUPPLY AIR DIFFUSERS SHALL BE KRUEGER MODEL 1104 WITH OPPOSED BLADE DAMPERS AND FRAME 23 FOR LAY-IN CEILING.
- MOUNT THERMOSTAT AT 48" MAXIMUM ABOVE THE FINISHED FLOOR.
- PROVIDE U.L.F.D. AT ALL DUCT OR AIR DISTRIBUTION PENETRATIONS OF RATED WALLS, FLOORS, OR CEILING ASSEMBLIES W/ ACCESS.
- PROVIDE CONDENSATE DRAIN W/ TRAP AT UNITS WITH DRAIN TO OPN'G BY PLUMBING CONTRACTOR. COORDINATE W/ PLBG. CONTRACTOR.
- MECHANICAL CONTR' SHALL CONFER W/ ELECTRICAL CONTR' & COORDINATE ALL POWER REQUIREMENT POINTS OF CONNECTION ETC. COORDINATE W/ PLBG. CONTRACTOR TO INSURE PROPER CONDENSATE DRAINS.
- COVERINGS AND LININGS, INCLUDING ADHESIVES WHEN USED, SHALL HAVE A FLAME SPREAD INDEX NOT MORE THAN 25 AND A SMOKE- DEVELOPED INDEX NOT MORE THAN 50, WHEN TESTED IN ACCORDANCE WITH ASTM E 84. DUCT COVERINGS AND LININGS SHALL NOT FLAME, GLOW, SMOLDER OR SMOKE WHEN TESTED IN ACCORDANCE WITH ASTM C 411 AT THE TEMPERATURE TO WHICH THEY ARE EXPOSED IN SERVICE. THE TEST TEMPERATURE SHALL NOT FALL BELOW 250°F(121°C).

DESIGN NOTES:
DESIGN AND INSTALLATION TO
W/FBC 2023 8TH EDITION
-WIND LOADING:140 MPH,
-RISK CATEGORY: II
-IMPORTANCE FACTOR: 1=1.0
-EXPOSURE: "B"
-WIND LOADING:
ROOF LIVE LOAD: 20 PSF

KEY NOTES:

- CONTRACTOR TO BALANCE THE AIR PER FBC 2023, SEC 601.4. PRESSURE DIFF. ACROSS CLOSED DOORS WHERE RETURNS ARE CENTRALLY LOCATED SHALL BE LIMITED TO 0.01 INCH WC OR LESS.
- CONTRACTOR SHALL PROVIDED TEST AND BALANCE REPORT BEFORE FINAL MECHANICAL INSPECTION PER FBC 2023 SEC C408.2.2

EXHAUST FAN & MAKE UP AIR UNITS SCHEDULE									
ID	SERVICE LOCATION	MFR. & MODEL #	TYPE	CFM	EXT. S.P.	ELECTRICAL DATA			NOTES (SEE BELOW)
						W	VOLTS	PHASE	
TEF-1,2,3	RESTROOM	GREENHECK SP-A75-QD OR EQUAL	CEILING	70	0.4	100	115	1	1,2,3,4,5
TEF-4	RESTROOM	GREENHECK SP-A150-QD OR EQUAL	CEILING	140	0.4	100	115	1	1,2,3,4,5

FAN NOTES:

- TOP OF FAN TO BE INSTALLED BY MECHANICAL CONTRACTOR.
- PROVIDE FAN WITH CEILING TO INLINE CONVERSION KIT.
- PROVIDE BACK-DRAFT DAMPER.
- PROVIDE WEATHERHOOD.
- FAN SHALL OPERATE WITH LIGHT.

AIR CONDITION UNIT SCHEDULE									
ID	MFR. & MODEL #	FAN DATA			COOLING DATA		ELECT HEAT		NOTES (SEE BELOW)
		TOTAL CFM	O. A. CFM	EXT. S.P.	H.P.	NOMINAL CAP. (MBH)	INPUT (kW)	FLA (AMPS)	
AHU-1,2	DAIKIN DMVT600P1300 OR EQUAL	2000	400	0.7500	1	60	5	40	1,2,3,4
AHU-3,4	DAIKIN DMVT6BP1300 OR EQUAL	1200	240	0.7500	1	36	3	30	1,2,3,4
CU-1,2	DAIKIN DC3SEA6040A OR EQUAL				1				1,2,3,4
CU-3,4	DAIKIN DC3SEA3630A OR EQUAL				1				1,2,3,4

NOTE:
1. SIZE ALL REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE ENGRAVED PLASTIC TAG INDICATING UNIT DESIGNATION AND AREA SERVED. SLOPE DRAIN TO ROOF DRAIN.
3. UNIT SHALL BE LABELED WITH ENGRAVED PLASTIC TAG INDICATING UNIT DESIGNATION AND AREA SERVED. PROVIDE FARR 30/30 THROWAWAY 2" PLEATED FILTERS.
4. COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL DRAWINGS.

AIR BALANCE SUMMARY							
ID	LOCATION	SUPPLY	RETURN	OUTSIDE	MAKE UP	EXHAUST	PRESSURE
AHU-1		2000	1600	400			
AHU-2		2000	1600	400			
AHU-3		1200	1600	240			
AHU-4		1200	1600	240			
TEF-1,2,3,4	RESTROOM					-280	-280
						1280	-140
							0

LEGEND:	
S/A	SUPPLY AIR GRILL
R/A	RETURN AIR DIFFUSER
F	FLEXIBLE AIR DUCT
T	TOILET EXHAUST FAN
(T)	THERMOST
SD	SMOKE DETECTOR
AIR DISTRIBUTION	
DUCT Ø	FROM (CFM) TO (CFM)
6"	100
8"	200
10"	400
12"	600

DESIGN: GREENLOGIC, LLC
P.O.BOX 678 GOTHA FLORIDA 34734 (407) 808-1816 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

SIGN & SEAL

PROJECT: YUEXING AUTO SHOP
5 N ORANGE BLOSSOM TRL.
ORLANDO, FL 32805

CONSTRUCTION PRELIM DATE APPROVAL

PERMIT

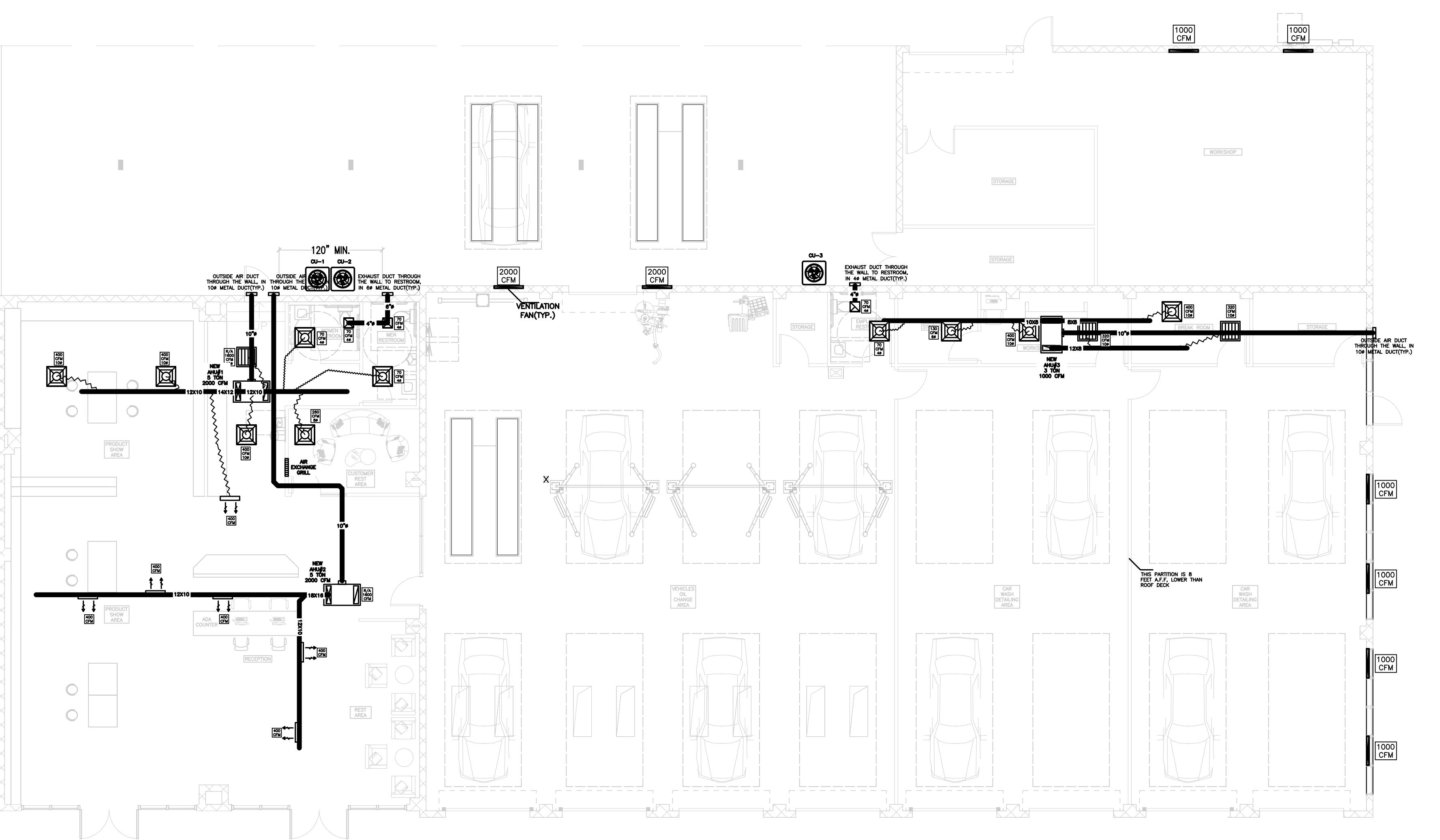
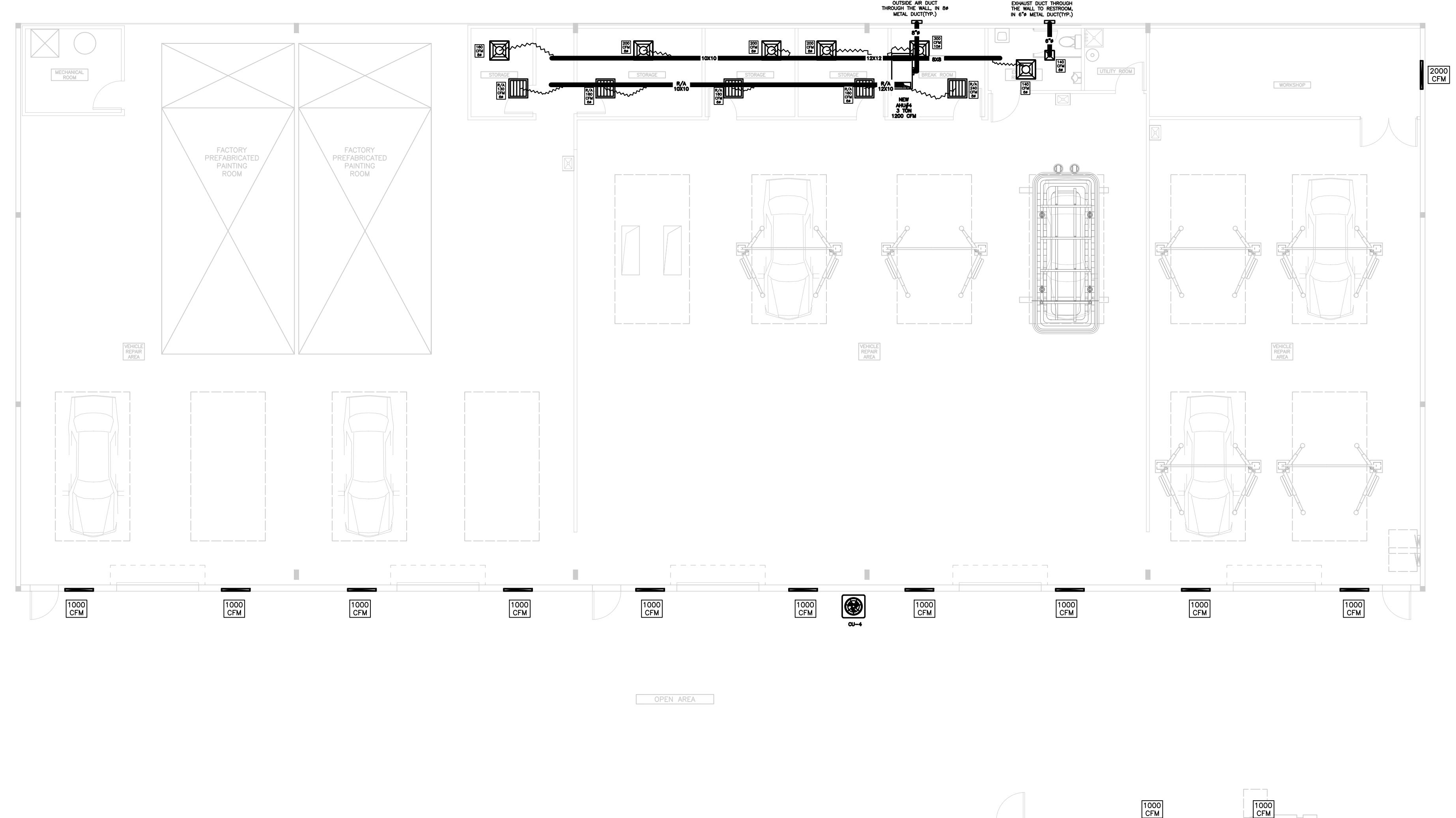
VENTILATION CALCULATIONS (BASED ON FBCM 8TH EDITION TABLE 403.3.1.1)									
OCCUPANCY CATEGORY	SQ FT	SF/P	P	CFM/P	CFM/S	CFM (P)	CFM (AREA)	CFM	NOTES
CLIENT WAITING AREA	406	27	7.5	0.18	203	73	276		
MERCANTILE AREA(SHOW AREA)	1008	40	40	7.5	0.18	302	181	484	
BUSINESS AREA (UNDER AC)	357	50	18	5	0.06	89	21	111	
TOILET ROOMS(PUBLIC)			4	0	0	-70	0	-280	
									TOTAL CFM REQUIRED: 590
									AC OUT SIDE AIR CFM PROVIDED: 1280
									TOTAL CFM PROVIDED: 1280

NOTES:

FOR ALL CATEGORIES: OCCUPANCY CATEGORY AND DENSITY FROM TABLE 403.3.1.1 FBCM 8TH

PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET

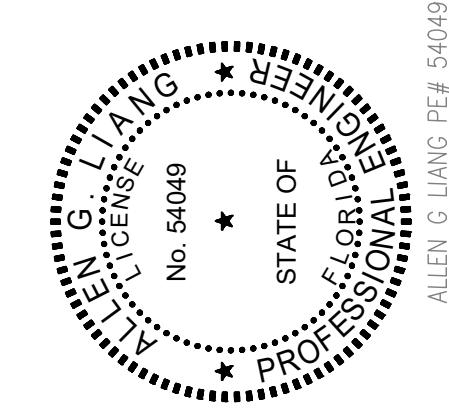
M1



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

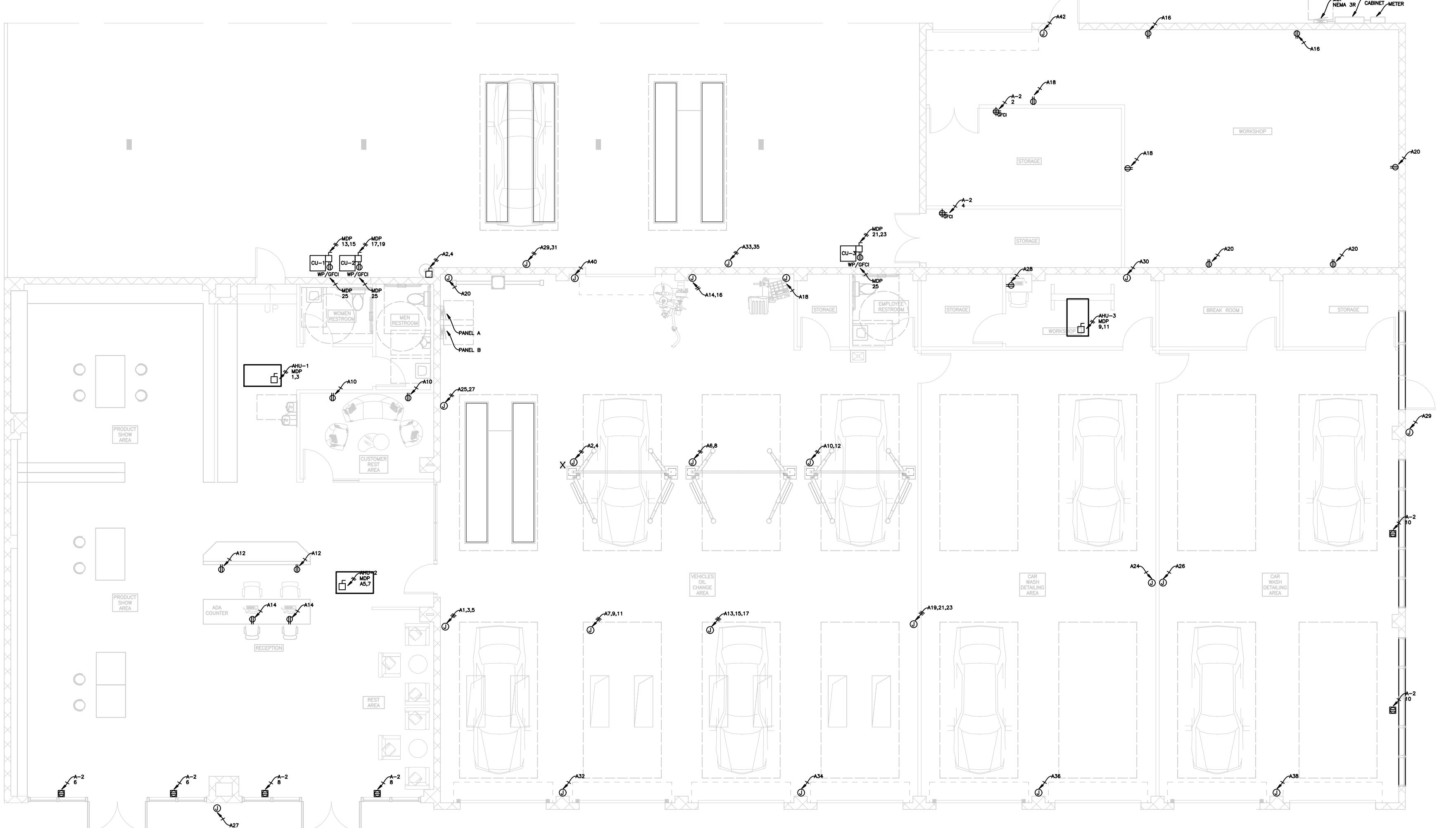
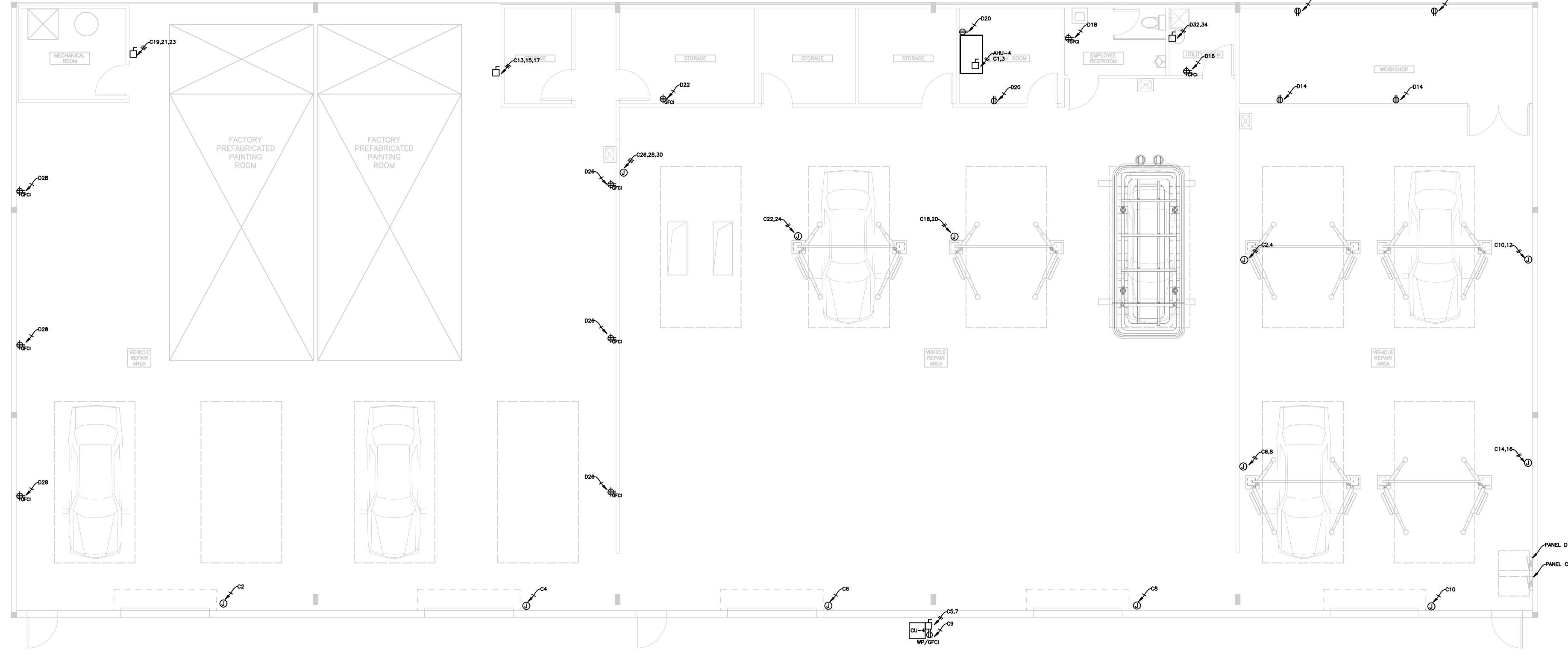
M2

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734 (407)
808-18-16 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



PROJECT:
YUEXING AUTO SHOP
5 N ORANGE BLOSSOM TRL.
ORLANDO, FL 32805
SHEET TITLE:
HVAC PLAN
PERMIT CONSTRUCTION PRELIM APPROVAL
DATE:

REVISION
1
2
3
4
5
6
7
PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET



ELECTRICAL PLAN
SCALE: 1'8"=1'-0"

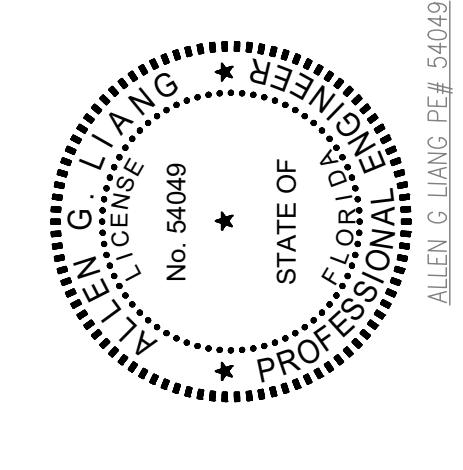
GENERAL ELECTRICAL NOTES:

- ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE EDITION 2020.
- WIRING SHALL BE INSTALLED IN METAL CONDUIT OR MC CABLE. WHERE SUBJECT TO PHYSICAL DAMAGE AND EXPOSE TO WEATHER, THE CONDUIT SHALL BE RIGID GALVANIZED.
- ALL WIRES SHALL BE RATED FOR 600 VOLTS. MINIMUM CONDUCTOR SIZE SHALL BE AWG#12. COPPER WIRING UNLESS NOTED OTHERWISE.
- PROVIDE GROUNDING IN ACCORDANCE WITH THE NEC. ALL BRANCH CIRCUITS SHALL CONTAIN EQUIPMENT GROUNDING CONDUCTOR.
- ALL SWITCHES AND RECEPTACLES SHALL BE SPECIFICATION GRADE, IVORY COLOR. INSTALL 48" ABOVE FINISHED FLOOR AND OUTLETS AT 36" ABOVE FINISHED FLOOR. UNLESS NOTED OTHERWISE.
- PROVIDE LIGHT FIXTURES PER THE FIXTURE SCHEDULE.
- PROVIDE ALL CIRCUIT BREAKER PER THE PANEL SCHEDULE. MULTI-POLE BREAKERS SHALL BE COMPLETE UNITS.
- CONDUIT, ROOF AND WALL PENETRATIONS SHALL BE SEALED AGAINST MOISTURE AND SHALL MAINTAIN THE REQUIRED FIRE RATING IN ACCORDANCE WITH UL SYSTEM 186. USE A UL APPROVED, FIRE RATED SEALANT SIMILAR TO DOW CORNING FIRE STOP 2000.
- LIGHTNING PROTECTION AND BUILDING GROUNDING SYSTEM TO BE INSTALLED PER NEC, STATE AND LOCAL AMENDMENTS.

ELECTRICAL SYMBOLS LEGEND

MAY BE USED ON PROJECT NOTE - NOT ALL SYMBOLS			
SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
(○)	DUPLEX RECEPTACLE, MTD. +18" AFF	(□)	TRANSFORMER - SIZE AS NOTED
(○)	240 VOLT RECEPTACLE (HT. AS REQ.)	(■)	PANEL - SIZE AS NOTED
#	QUADRUPLE RECEPTACLE, MTD. +18"	(F)	F-FAN M- MOTOR
(●)	COUNTERTOP HT. RECEPTACLE #42"	(E)	EXT. HOMERUN (B INDICATES PANEL) "Z" DESIGNATES CIRCUIT NUMBER
(WP/GFI)	DUPLEX RECEPTACLE - IN WATER PROOF ENCLOSURE OR COVER, GROUND FAULT INTERCEPTER.	(B-2)	EMERGENCY LIGHT W. BATTERY BACK-UP.
(+/-)	SINGLE POLE SWITCH, MTD. +47"	(R)	REMOTE HEAD
(2)	DUAL SWITCH, MTD. +47"	(FL)	2X4 FLUORESCENT LIGHTING FIXTURE A DESIGNATES FIXTURE TYPE
(D)	DIMMER SWITCH, MTD. +47"	(RL)	FLUORESCENT LIGHTING NIGHT LIGHT
(○)	JUNCTION BOX, FLUSH IF POSSIBLE	(○)	RECESSED LIGHTING FIXTURE B DESIGNATES FIXTURE TYPE
(□)	DISCONNECT SWITCH W/ STARTER	(○)	HOOD LIGHT
(□)	DISCONNECT SWITCH	(○)	INCANDESCENT LIGHT W/ 100W BULB C DESIGNATES FIXTURE TYPE
(○)	OCCUPANCY SENSOR	(O)	CEILING MOUNTED WINDOW OUTLET
(D)	EXISTING ELECTRICAL FIXTURE		

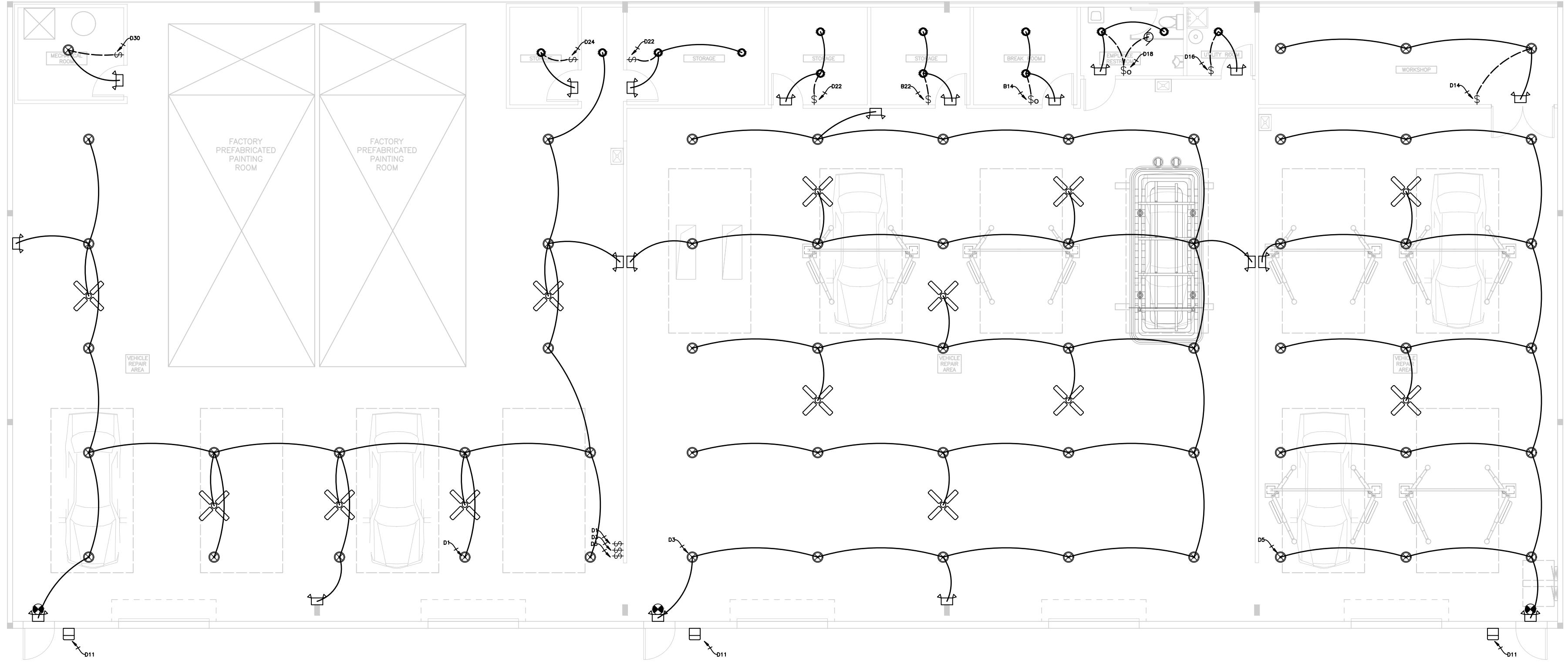
DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734 (407)
808-18-16 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ANY SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



PROJECT:	YUEXING AUTO SHOP
LOCATION:	5 N ORANGE BLOSSOM TRL.
ADDRESS:	ORLANDO, FL 32805
PERMIT:	<input type="checkbox"/>
CONSTRUCTION:	<input type="checkbox"/>
PRELIM:	<input checked="" type="checkbox"/>
APPROVAL:	<input type="checkbox"/>

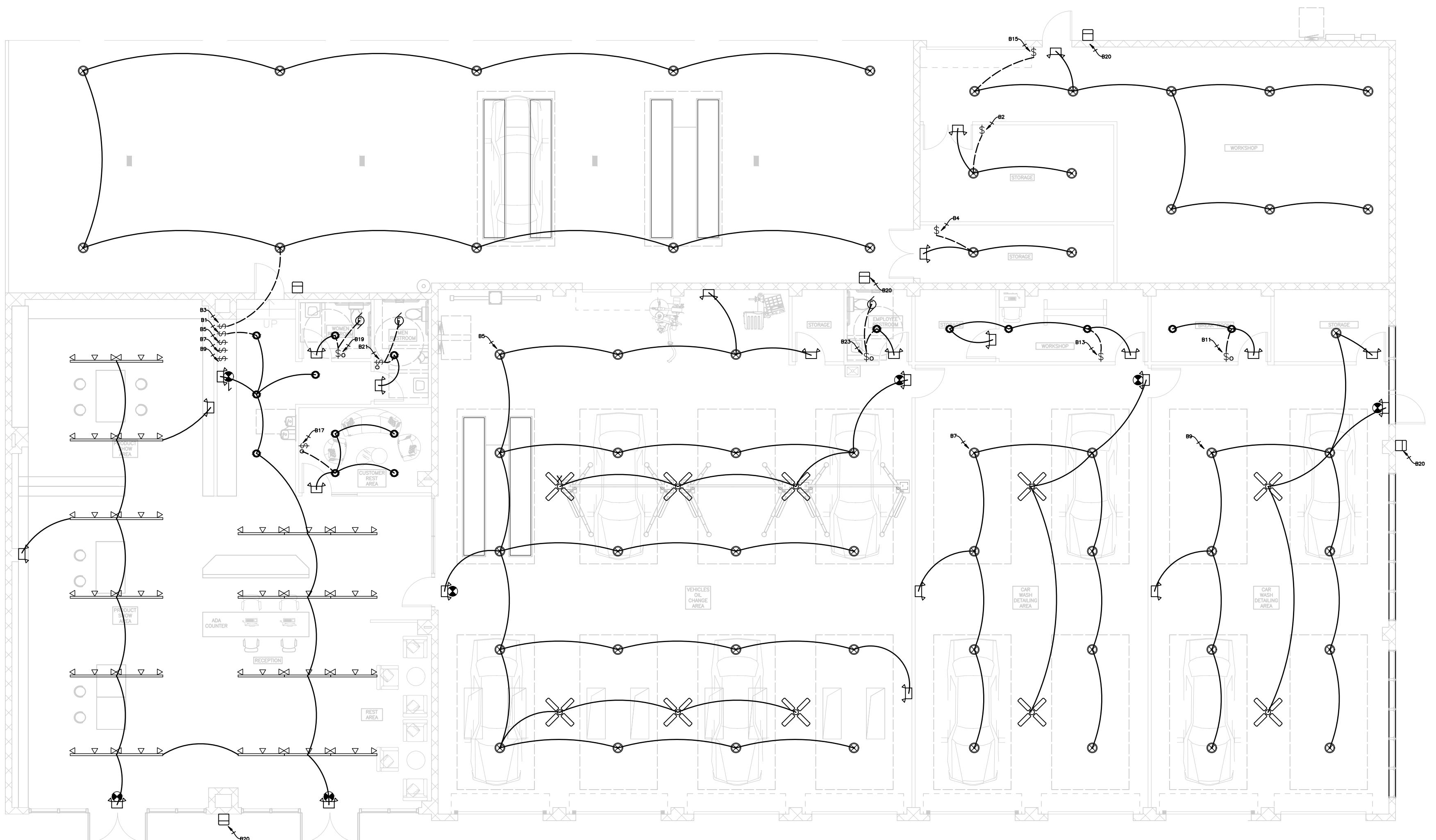
REVISION:	1 <input type="checkbox"/>
	2 <input type="checkbox"/>
	3 <input type="checkbox"/>
	4 <input type="checkbox"/>
	5 <input type="checkbox"/>
	6 <input type="checkbox"/>
	7 <input type="checkbox"/>
PROJECT TYPE:	RENOVATION
SCALE:	AS SHOWN
ISSUED DATE:	01-17-2025
DRAWN BY:	L.LIN
CHECKED BY:	A.LIANG
SHEET:	

E1



LIGHTING NOTES:
1. ALL THE EMERGENCY LIGHTS MUST BE CONNECTED TO NO SWITCHED LIGHTING CIRCUIT.

QUANTITY	DESCRIPTION	STATUS	WATT	SYMBOL
	2X4 LED TROFFER LIGHT, 120V, 18 WATT/LAMP. 3500K	NEW	54	☒
	2X2 LED TROFFER LIGHT, 120V, 18 WATT/LAMP. 3500K	NOT IN USE	36	☒
30	6" RECESSED LED DOWNLIGHT 3500K. LITHONIA TYPE: 65BEMW OR EQUAL	NEW	18	○
	HANGING LED LIGHT 3500K.	NOT IN USE	18	⊕
50	TRACK LIGHT	NEW	36	△
118	WAREHOUSE LIGHTING, TCP: LED ROUND HIGH BAY 250 W OR EQUAL	NEW	250	◎
45	EXTERIOR BACK LIGHT W/ BATTERY BACKUP	EXISTING	60	□
8	DAY-BRITE MCPHILBEN CXXL3RW EMERGENCY EXIT LIGHT	NEW	5	●
24	HUBBELL LIGHTING, CU2SQB EMERGENCY BATTERY LIGHT	NEW	2	■
23	CEILING FAN	NEW	33	☒

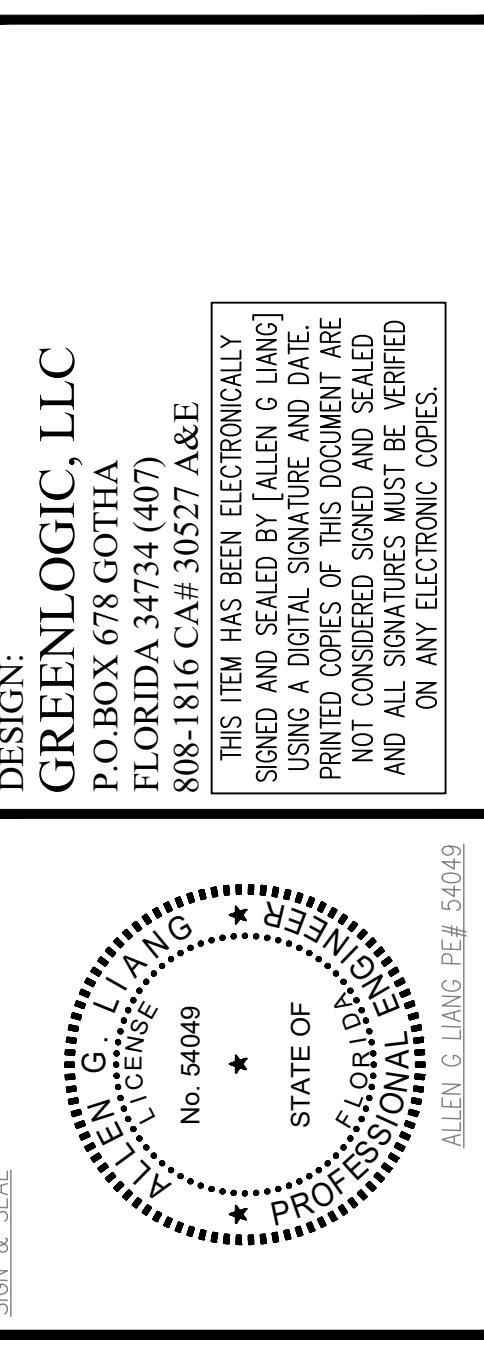


PROJECT: YUEXING AUTO SHOP
5 N ORANGE BLOSSOM TRL.
ORLANDO, FL 32805

PERMIT CONSTRUCTION PRELIM APPROVAL DATE: 01-17-2025

REVISION: 1 2 3 4 5 6 7

PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET

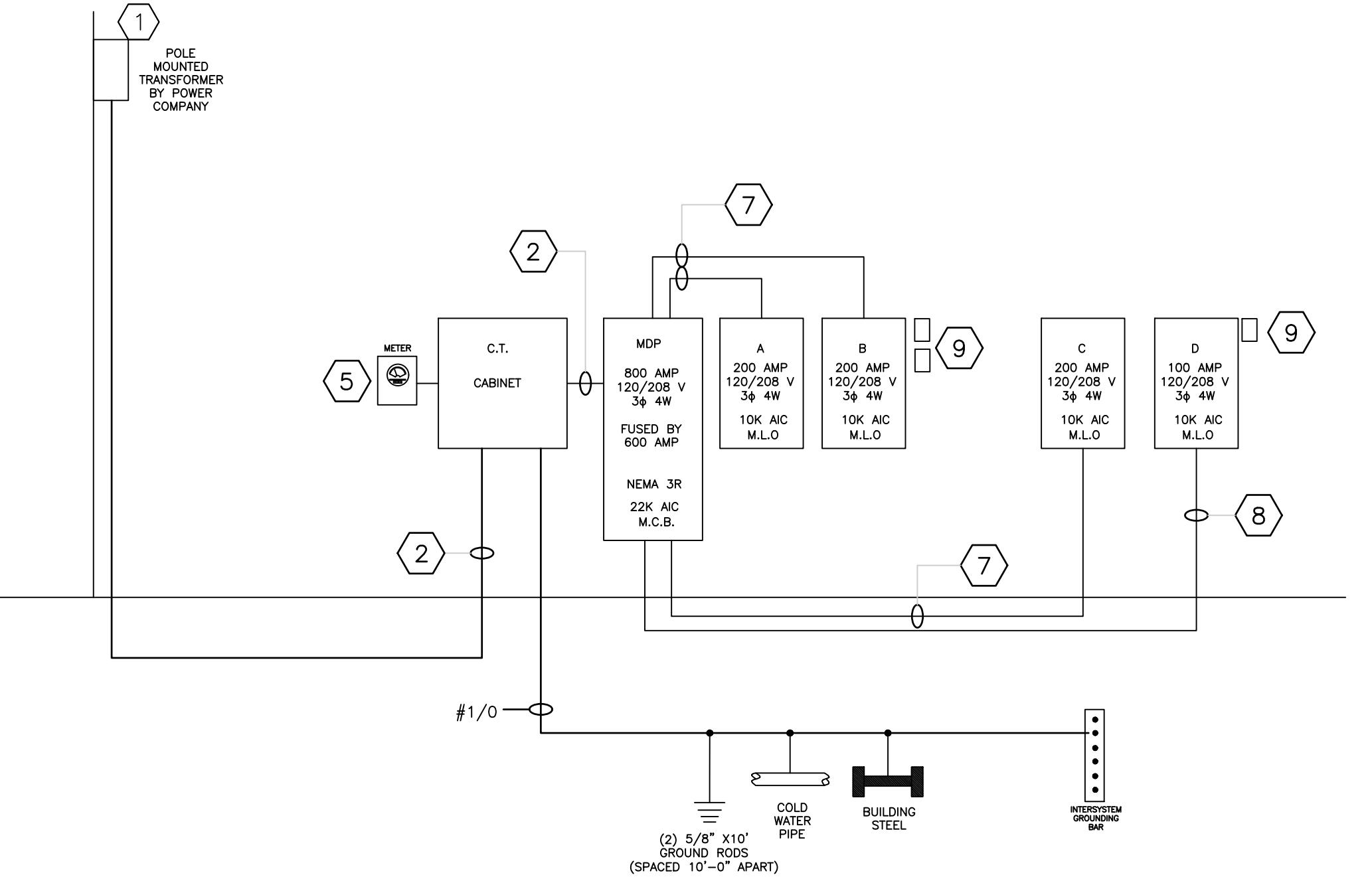


KEYED NOTES TO DRAWING:

- ① SERVICE FEEDER BY POWER COMPANY
PAD MOUNTED TRANSFORMER INSTALLED BY POWER COMPANY
- ② 2 SETS, 3" C, 4#300 KCMIL CU, 1#2 CU G
- ③ THREE (3) 3/4"x20 FOOT COPPER CLAD GROUND ROD
- MAX IMPEDENCE TO GROUND 25 OHMS.
- ④ SURGE PROTECTION DEVISE
- ⑤ METER BASE PROVIDED & INSTALLED BY CONTRACTOR.
- ⑥ BOND 1#2/O TO BUILDING STEEL ROUTE IN
1" PVC(40). EXOTHERMIC WELD TO NEAREST STEEL
COLUMN.
MECHANICAL CLAMPS NOT APPROVED
- ⑦ 2-1/2", 4#3/0 AWG CU, 1#2 CU G
- ⑧ 1-1/4", 4#3 AWG CU, 1#6 CU G
- ⑨ LIGHT CONTROL TIMER FOR STORE SIGN AND GENERAL
LIGHT

POWER RISER DIAGRAM

SCALE: N.T.S.



NEW PANEL MDP									
A Ø:	64.00	KVA (CONNECTED)	3 Ø	4 W	120/208 VOLT	FED BY: 600	800 AMP BUS	NOTES: NEMA 3R	
B Ø:	22.50	KVA (CONNECTED)							
C Ø:	56.20	KVA (CONNECTED)							
TOTAL:	179.70	KVA (CONNECTED)	499 AMPS						
TOTAL:	179.70	KVA (NEC 220)	499 AMPS						
COND. WIRE SIZE	LOAD DESCRIPTION	KVA A Ø	KVA B Ø	KVA C Ø	O.K.T. NO.	O.K.T. CØ	O.K.T. B Ø	KVA A Ø	KVA B Ø
3/4"	AHU-1	3.00			2P-40	1	2	3P-200	16.50
3/4"						3	4		15.70
3/4"	AHU-2	3.00			2P-40	5	6		
3/4"						8	9	3P-200	10.00
3/4"	AHU-3	3.00			2P-40	8	10		14.50
3/4"						11	12		
3/4"	CU-1	3.00			2P-40	13	14	3P-200	17.40
3/4"						15	16		
3/4"	CU-2	3.00			2P-40	17	18		15.40
3/4"						19	20	3P-100	7.10
3/4"	CU-3	3.00			2P-40	21	22		14.40
3/4"						23	24		
1/2"	RECEPT-CU	1.00			1P-20	25			6.60
1/2"						27	28		
1/2"						30			
1/2"						31	32		
1/2"						33	34		
1/2"						35	36		
1/2"						37	38		
1/2"						39	40		
1/2"						41	42		
F.T.L. CONNECTED LOAD:									
TOTAL FEEDER CALCS									
PER NEC ARTICLE 220	% LOAD	LIGHT 125% 0.0 kVA	CONTIN 125% 0.0 kVA						
RECEPT **		28.4 kVA							
KITCHEN COUNT	6	65%	0.0 kVA						
REFRIG 100%		0.0 kVA							
** FIRST 10 KVA @100% + 50% REMAINING									
TOTAL FEEDER LOAD 28.4 kVA									

NEW PANEL A									
A Ø:	16.50	KVA (CONNECTED)	3 Ø	4 W	120/208 VOLT	FED BY: 200	200 AMP BUS	M.L.O.	BREAKER INTERRUPT RATING: 10,000 A.I.C.
B Ø:	15.70	KVA (CONNECTED)							
C Ø:	14.50	KVA (CONNECTED)							
TOTAL:	45.70	KVA (CONNECTED)	130 AMPS						
TOTAL:	45.70	KVA (NEC 220)	79 AMPS						
COND. WIRE SIZE	LOAD DESCRIPTION	KVA A Ø	KVA B Ø	KVA C Ø	O.K.T. NO.	O.K.T. CØ	O.K.T. B Ø	KVA A Ø	KVA B Ø
3/4"	AHU-1	1.40			3P-30	2	2P-20	1.50	2-POST VEHICLE LIFT
3/4"						3	4		
3/4"						5	6	2P-20	1.50
3/4"						8	10	2P-20	1.50
3/4"						11	12	2P-20	1.50
3/4"						13	14	2P-20	1.50
3/4"						15	16	2P-20	1.50
3/4"						17	18	1P-20	0.80
3/4"						19	20	1P-20	0.80
3/4"						21	22	1P-20	0.80
3/4"						23	24	1P-20	1.00
3/4"						27	28	1P-20	1.00
3/4"						29	30	1P-20	1.00
3/4"						31	32	1P-20	0.80
3/4"						33	34	1P-20	0.80
3/4"						35	36	1P-20	0.80
3/4"						37	38	1P-20	0.80
3/4"						39	40	1P-20	0.80
3/4"						41	42	1P-20	0.80
F.T.L. CONNECTED LOAD:									
TOTAL FEEDER CALCS									
PER NEC ARTICLE 220	% LOAD	LIGHT 125% 0.0 kVA	CONTIN 125% 0.0 kVA						
RECEPT **		28.4 kVA							
KITCHEN COUNT	6	65%	0.0 kVA						
REFRIG 100%		0.0 kVA							
** FIRST 10 KVA @100% + 50% REMAINING									
TOTAL FEEDER LOAD 28.4 kVA									

NEW PANEL C									
A Ø:	17.40	KVA (CONNECTED)	3 Ø	4 W	120/208 VOLT	FED BY: 200	200 AMP BUS	M.L.O.	BREAKER INTERRUPT RATING: 22,000 A.I.C.
B Ø:	15.40	KVA (CONNECTED)							
C Ø:	14.40	KVA (CONNECTED)							
TOTAL:	47.20	KVA (CONNECTED)	131 AMPS						
TOTAL:	47.20	KVA (NEC 220)	96 AMPS						
COND. WIRE SIZE	LOAD DESCRIPTION	KVA A Ø	KVA B Ø	KVA C Ø	O.K.T. NO.	O.K.T. CØ	O.K.T. B Ø	KVA A Ø	KVA B Ø
3/4"	AHU-4	3.00			2P-40	1	2	2P-20	1.50
3/4"						3	4	2P-20	1.50
3/4"						5	6	2P-20	1.50
3/4"						7	8	2P-20	1.50
3/4"						9	10	2P-20	1.50
3/4"						11	12	2P-20	1.50
3/4"						13	14	2P-20	1.50
3/4"						15	16	2P-20	1.50
3/4"									

WASTE PLUMBING NOTES

- CONNECT NEW WASTE LINE TO EXISTING WASTE LINE BELOW FLOOR. CUT EXISTING FLOOR TO INSTALL, & PATCH FLOOR TO MATCH EXISTING CONSTRUCTION.
- PLUMBING MATERIALS:
COLD WATER—CPVC PIPING
HOT WATER—CPVC PIPING
SANITARY—PVC PIPING

WATER PLUMBING NOTES

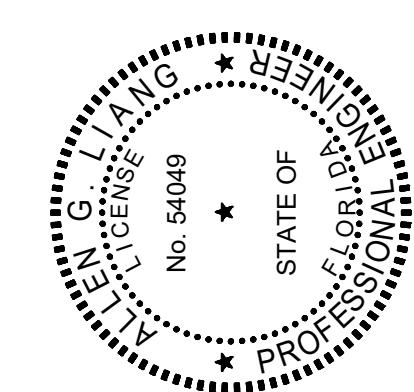
- CONNECT NEW HW AND CW SUPPLIES TO EXISTING PIPING ABOVE CEILING.
- INSTALL NEW MIXING VALVE FOR PUBLIC LAVATORY. THE THERMOSTATIC MIXING VALVE THAT COMPLIES WITH ASSE 1070 OR CSAB125.3. WATER TEMPERATURE SHALL NOT EXCEED 110 DEG F.
- PROVIDE INDIVIDUAL BACKFLOW PROTECTION FOR ALL WATER OUTLETS CONNECTION DIRECTLY TO ANY MIXING, BREWING, DISPENSING APPLIANCE, SODA FILTER, ICE MAKER, DEVICE OR APPARATUS AS REQUIRED BY FLORIDA BUILDING CODE PLUMBING 608.3 AND 608.15
- WATER SERVICE PIPING SHALL BE PROTECTED IN ACCORDANCE WITH 603.2 AND 603.2.1
- HOT WATER SUPPLY LINES SHALL BE INSULATED THROUGHOUT WITH ASHRAE APPROVED PLENUM RATED INSULATION MAT'L WITH A MIN 1" THICK. (EXCEPT WHEN PIPE DROPS IN WALL). *HEAT TRAPS NOT REQUIRED WHERE PROVIDED BY THANK MFR.

PLUMBING SYMBOL SCHEDULE

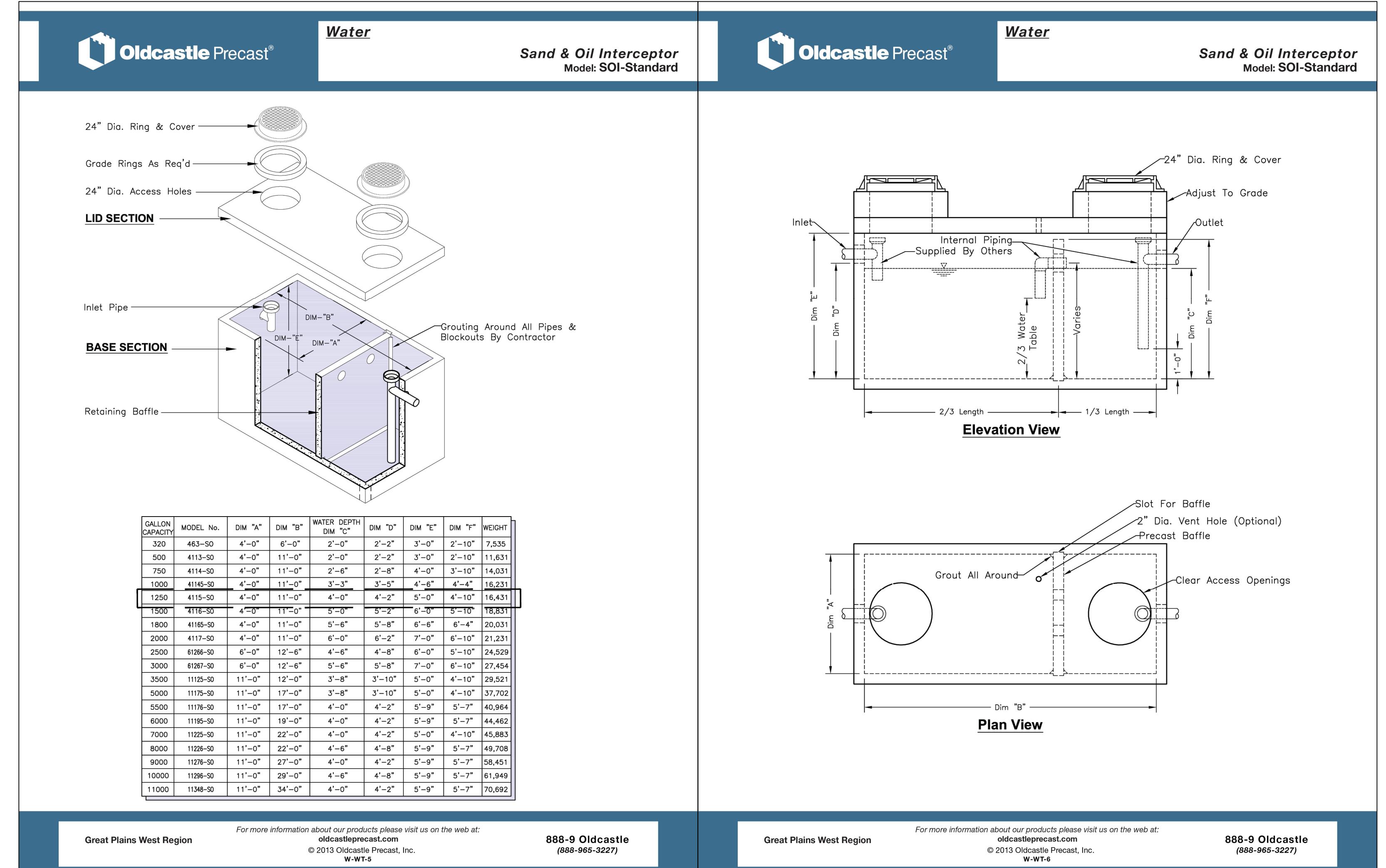
	SANITARY WASTE LINE
	HOT WATER SUPPLY LINE
	COLD WATER SUPPLY LINE
	F.D. FLOOR DRAIN
	F.C.O. FLOOR/WALL CLEAN-OUT W.C.O.
	F.S. FLOOR SINK
	H.D. HUB DRAIN

ALL PLUMBING FIXTURES SELECTED BY OWNER
SUBMIT CAT CUTS FOR APPROVAL (TO OWNER)

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734-0407
808-1816 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



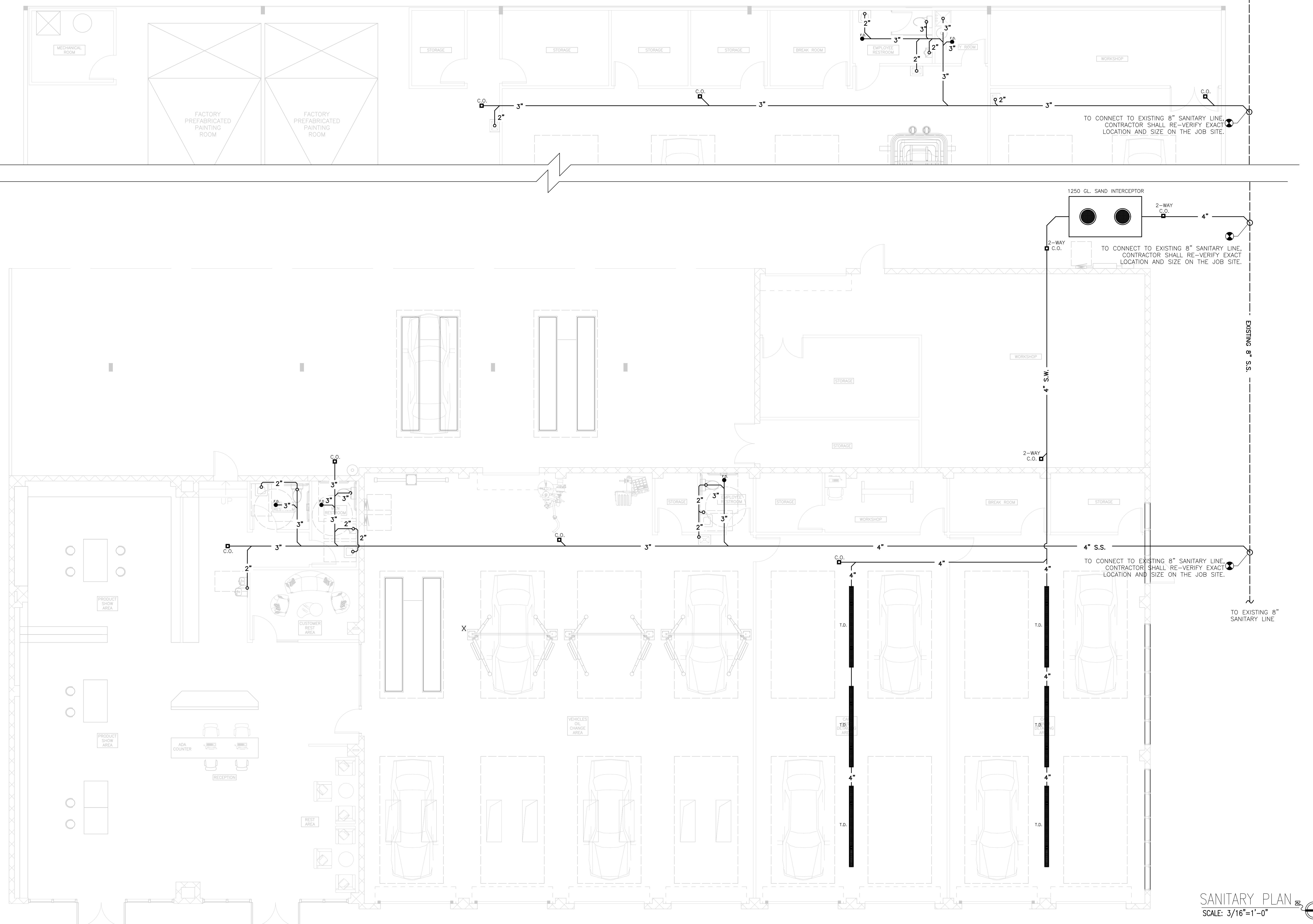
SON & SONS



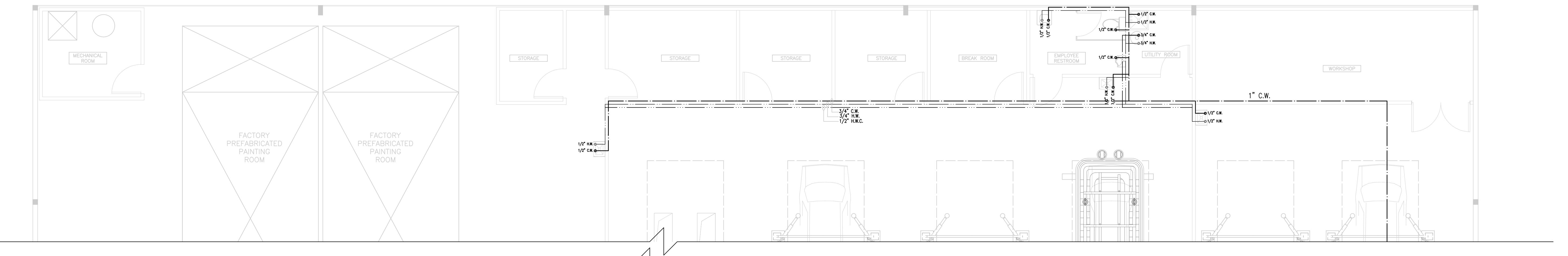
DESIGN: GREENLOGIC, LLC
 P.O.BOX 678 GOTHA
 FLORIDA 34734-0678
 808-18-16 CA# 30527 A&E
 THIS ITEM HAS BEEN ELECTRONICALLY
 SIGNED AND SEALED BY ALLEN G LIANG
 USING A DIGITAL SIGNATURE AND DATE.
 PRINTED COPIES OF THIS DOCUMENT ARE
 NOT CONSIDERED SIGNED AND SEALED
 AND ALL SIGNATURES MUST BE VERIFIED
 ON ANY ELECTRONIC COPIES.

STATE OF FLORIDA
 * PRESTONAL INC
 ENGINEERING LICENSE NO. 54049
 ALLEN G LIANG PER # 54049

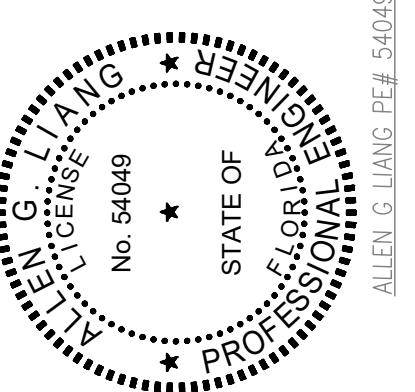
PROJECT: YUEXING AUTO SHOP	PRELIM.
CONSTRUCTION	<input type="checkbox"/>
PERMIT	<input type="checkbox"/>
DATE: APPROVAL	
SHEET TITLE SANITARY PLAN	
REVISION	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7
PROJECT TYPE:	RENOVATION
SCALE:	AS SHOWN
ISSUED DATE:	01-17-2025
DRAWN BY:	L.LIN
CHECKED BY:	A.LIANG
SHEET	



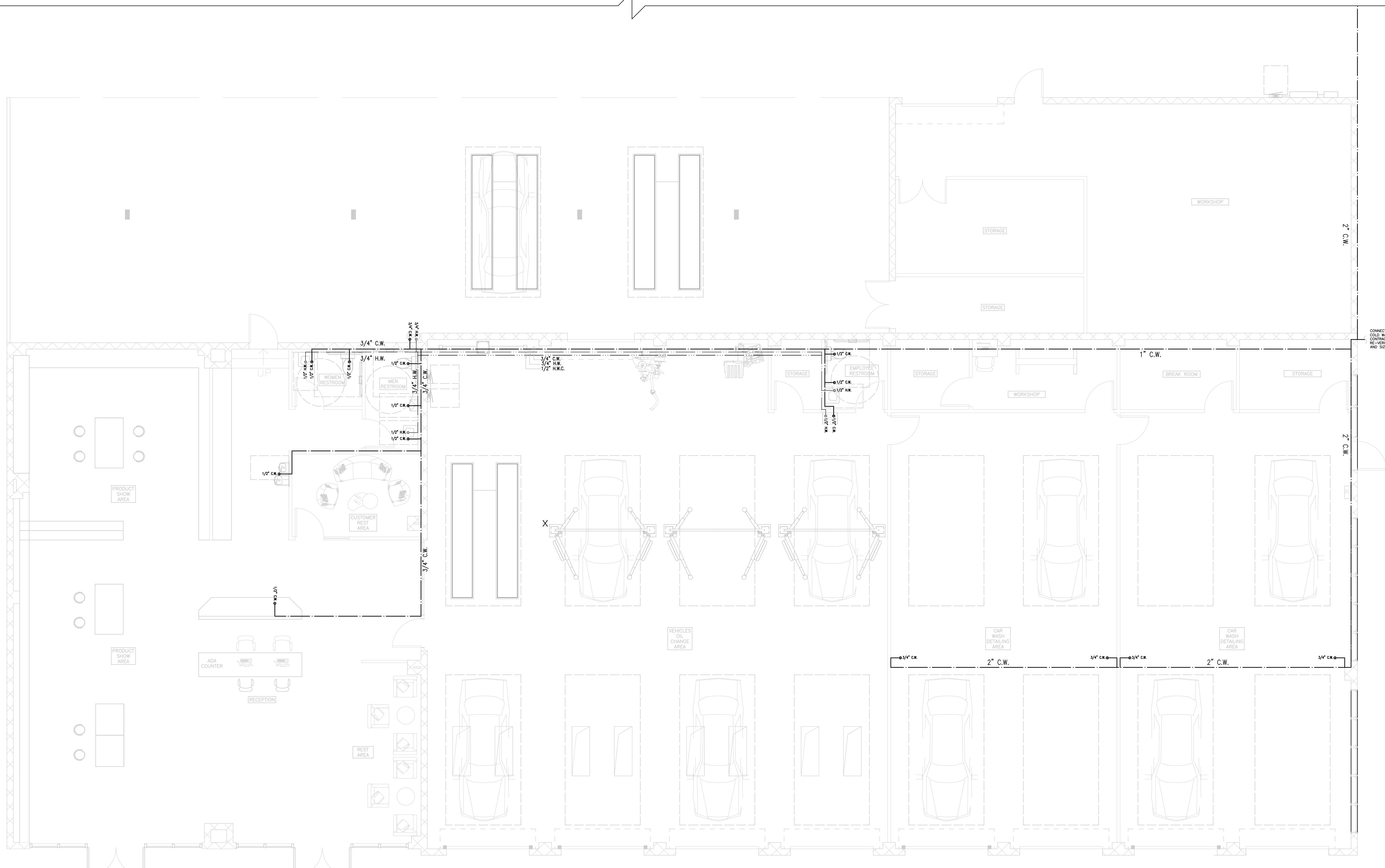
P2
SANITARY PLAN
SCALE: 3/16"=1'-0"



DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734 (407)
808-1816 CA# 30527 ACE
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.



SIGN & SEAL



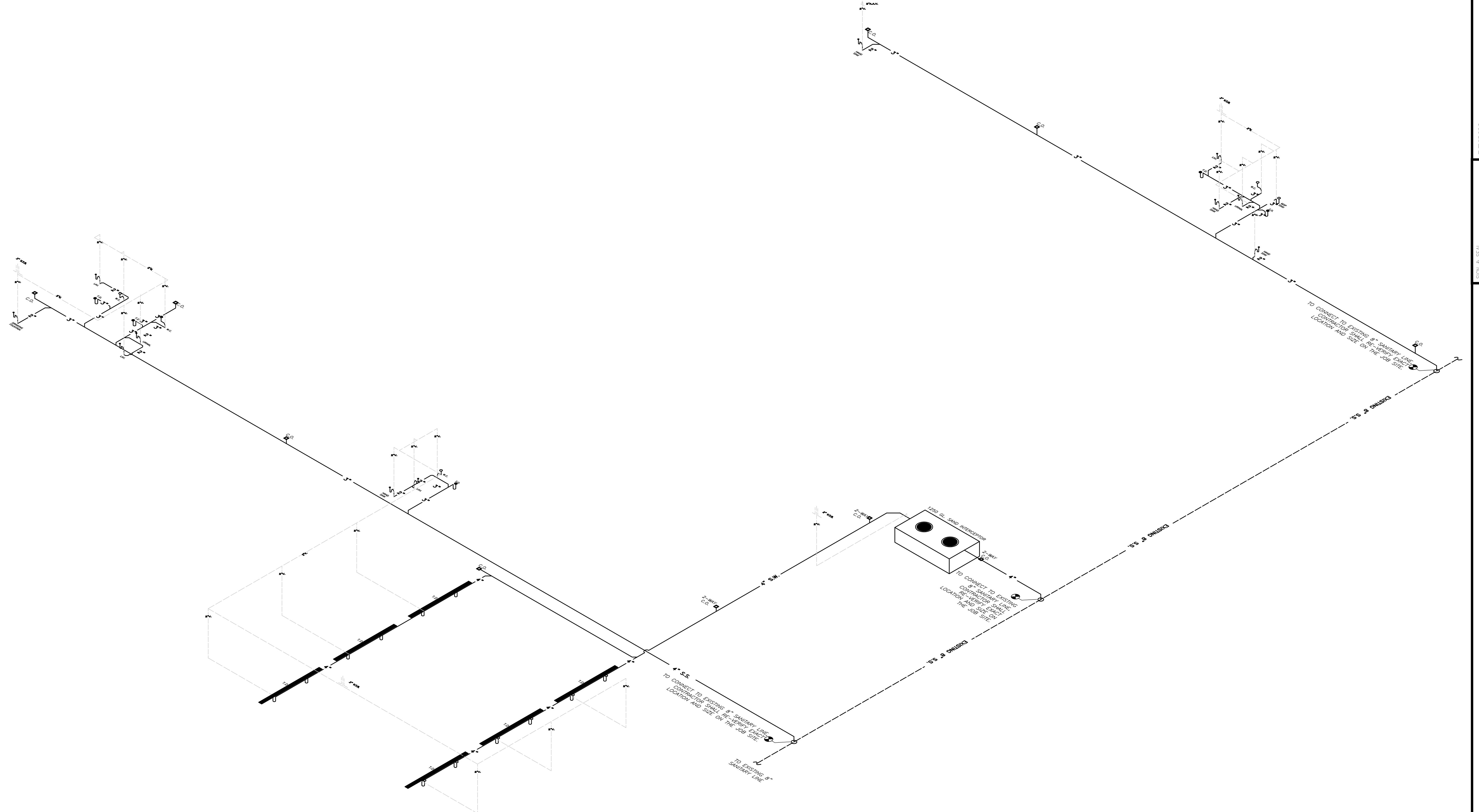
PROJECT: YUEXING AUTO SHOP
5 N ORANGE BLOSSOM TRL.
ORLANDO, FL 32805
SHEET: WATER SUPPLY PLAN
CONSTRUCTION PRELIM APPROVAL
PERMIT

REVISION
1 |
2 |
3 |
4 |
5 |
6 |
7 |

PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET

WATER SUPPLY PLAN
SCALE: 3/16"=1'-0"

P3



SANITARY RISER DIAGRAM

SCALE: N.T.S.

P4

PROJECT: YUEXING AUTO SHOP
5 N ORANGE BLOSSOM TRL.
ORLANDO, FL 32805

PERMIT

CONSTRUCTION

PRELIM

DATE APPROVAL

REVISION

1 |

2 |

3 |

4 |

5 |

6 |

7 |

PROJECT TYPE: RENOVATION

SCALE: AS SHOWN

ISSUED DATE: 01-17-2025

DRAWN BY: L.LIN

CHECKED BY: A.LIANG

NOTE

DESIGN: GREENLOGIC, LLC

P.O.BOX 678 GOTHA

FLORIDA 34734(407)

808-1816 CA# 30527 ACE

THIS ITEM HAS BEEN ELECTRONICALLY

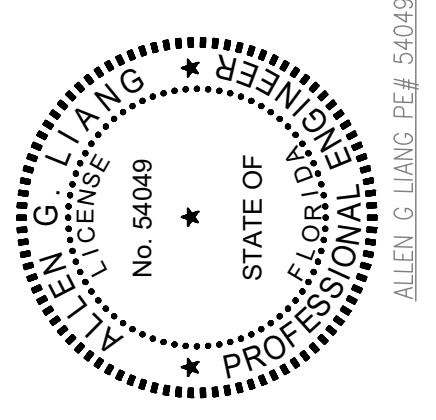
USING A DIGITAL SIGNATURE AND DATE.

PRINTED COPIES OF THIS DOCUMENT ARE

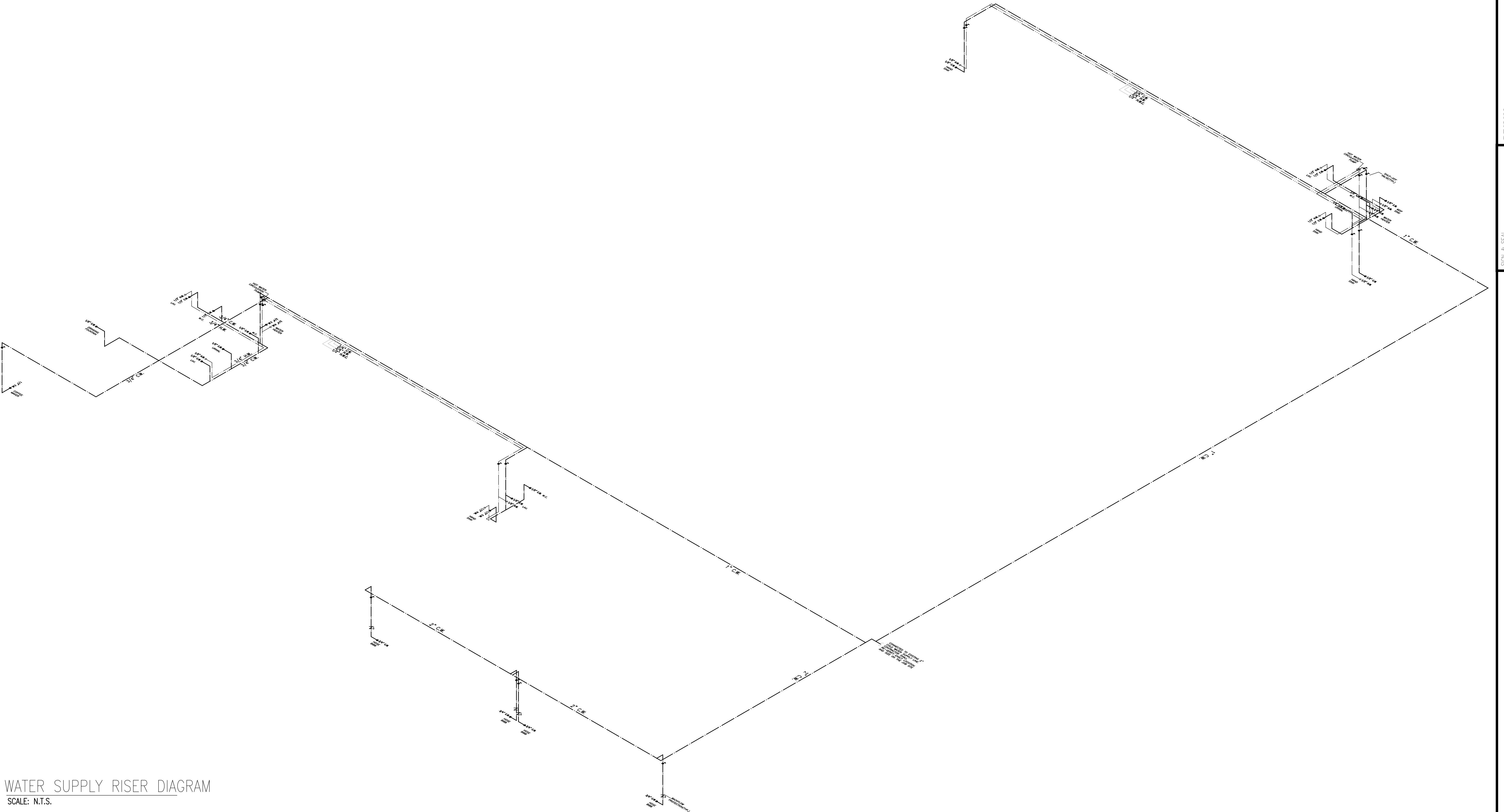
NOT CONSIDERED SIGNED AND SEALED

AND ALL SIGNATURES MUST BE VERIFIED

ON ANY ELECTRONIC COPIES.



SIGN & SEAL



WATER SUPPLY RISER DIAGRAM

SCALE: N.T.S.

PROJECT: YUEXING AUTO SHOP
5 N ORANGE BLOSSOM TRL.
ORLANDO, FL 32805

SHEET TITLE: WATER SUPPLY RISER DIAGRAM

PERMIT

CONSTRUCTION

PRELIM.

DATE

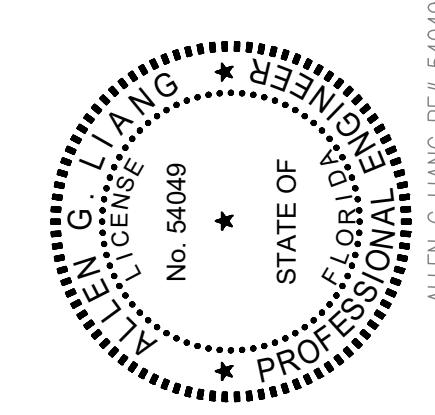
APPROVAL

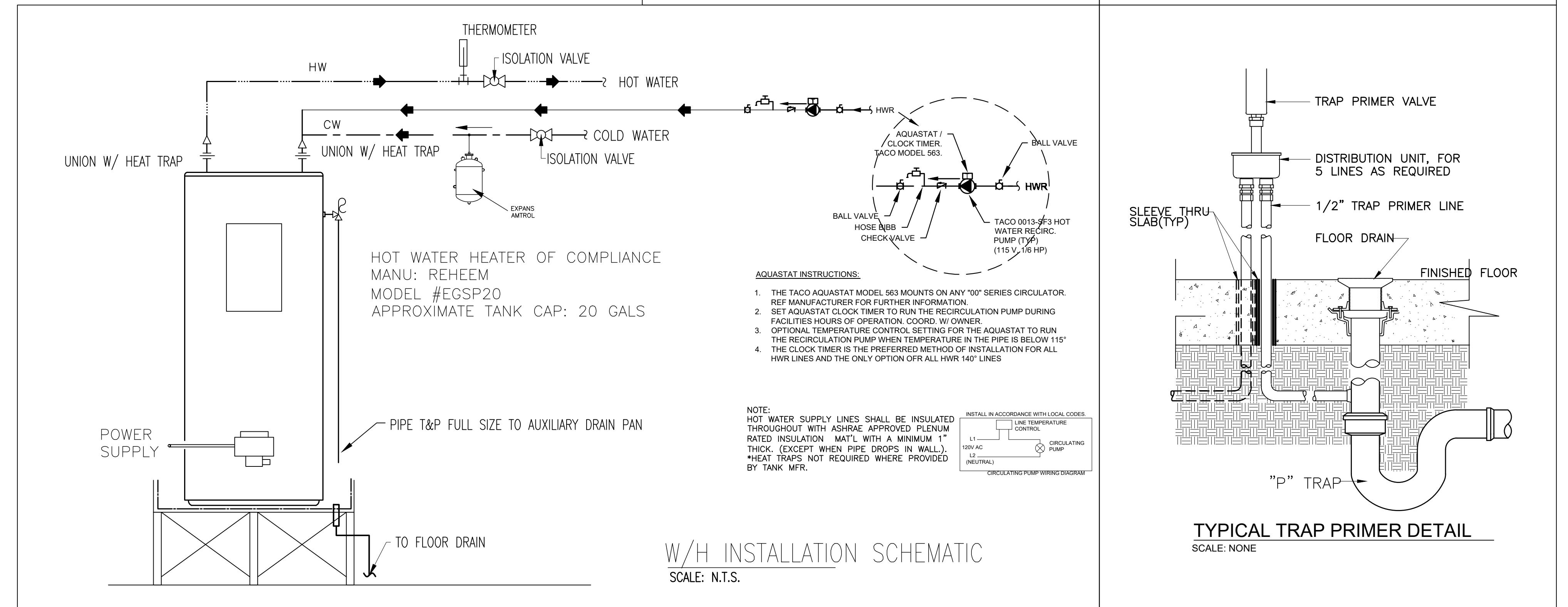
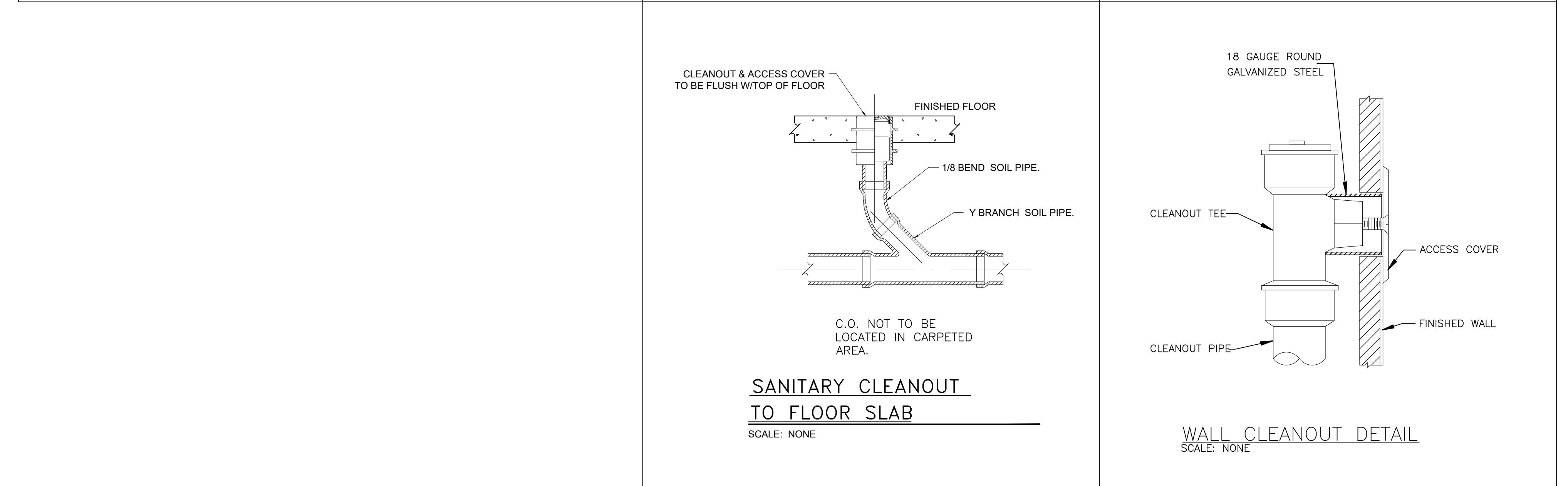
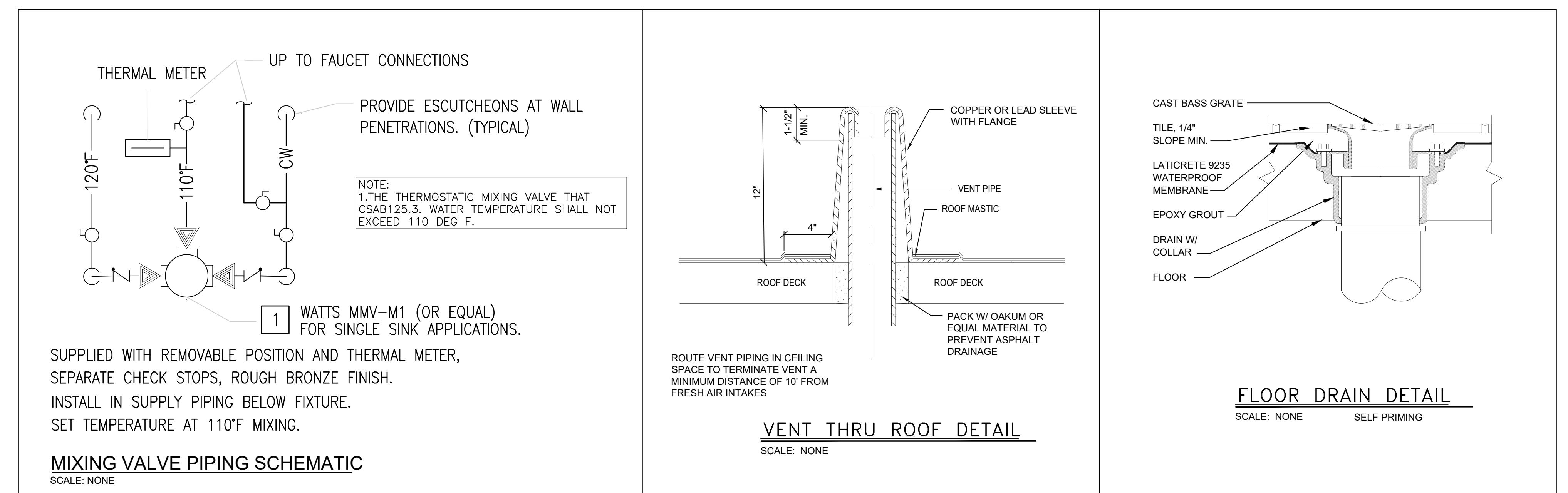
REVISION
1 |
2 |
3 |
4 |
5 |
6 |
7 |

PROJECT TYPE: RENOVATION
SCALE: AS SHOWN
ISSUED DATE: 01-17-2025
DRAWN BY: L.LIN
CHECKED BY: A.LIANG
SHEET

P5

DESIGN:
GREENLOGIC, LLC
P.O.BOX 678 GOTHA
FLORIDA 34734 (407)
808-1816 CA# 30527 A&E
THIS ITEM HAS BEEN ELECTRONICALLY
SIGNED AND SEALED BY ALLEN G LIANG
USING A DIGITAL SIGNATURE AND DATE.
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND ALL SIGNATURES MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.





DESIGN: GREENLOGIC, LLC P.O.BOX 678 GOTHA FLORIDA 34734-407 808-1816 CA# 30527 A&E THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY ALLEN G LIANG USING A DIGITAL SIGNATURE AND DATE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND ALL SIGNATURES MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	
<p>STATE OF FLORIDA PLUMBING LICENSE No. 54049 * PRESTONAL ALLEN G LIANG PE# 54049</p>	
SIGN & SEAL	
<p>PROJECT: YUEXING AUTO SHOP 5 N ORANGE BLOSSOM TRL. ORLANDO, FL 32805</p> <p>SHEET TITLE: PLUMBING DETAIL</p> <p>CONSTRUCTION <input type="checkbox"/> PRELIM <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> DATE <input checked="" type="checkbox"/> APPROVAL</p> <p>PERMIT <input type="checkbox"/> REVISION 1 2 3 4 5 6 7 </p> <p>PROJECT TYPE: RENOVATION SCALE: AS SHOWN ISSUED DATE: 01-17-2025 DRAWN BY: L.LIN CHECKED BY: A.LIANG SHEET</p>	