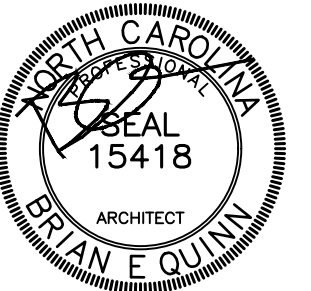


# HARBOR FREIGHT TOOLS

129 W CORNELIUS HARNETT BLVD.

LILLINGTON, NC 27546



**ADA ARCHITECTS**  
Lakewood, Ohio 44107  
17710 Detroit Avenue  
Phone (216) 521-5134  
Fax (216) 521-4824  
www.adaarchitects.com

**HARBOR FREIGHT**  
LILLINGTON, NC 27546  
129 W CORNELIUS HARNETT BLVD.

REVISIONS

#	DATE	TYPE
1		
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COVER SHEET

DATE 03/04/24

JOB NO. 23591

**A0.0**  
SHEET NO.

## SIGN VENDOR LIST

**Harbor Freight Tools Sign Vendor Territories**

**Vendors**

- Northern US Urban Neon
- Southern US Atlas Sign Industries

**SIGN VENDOR (NORTHERN)**

URBAN SIGN GROUP  
500 PINE STREET SUITE 3A  
HOLMES, PA 19043  
CONTACT: PIETRO D'AGOSTINO  
T: (610) 522-5555  
EMAIL: pietro@urbansigngroup.com  
CONTACT: SEBASTIAN CARPENTER  
T: (610) 522-5555  
EMAIL: scarpenter@urbansigngroup.com

**SIGN VENDOR (SOUTHERN)**

ATLAS SIGN INDUSTRIES  
1077 W. BLUE HERON BLVD.  
WEST PALM BEACH, FL 33404  
CONTACT: JODY KLUTZ  
T: (860) 781-3097  
EMAIL: jody.k@atlasbw.com

**NOTE:**  
ALL SIGNAGE AND PERMITS FOR SIGNAGE ARE BY OTHERS AND NOT PART OF THE BUILDING PERMIT PACKAGE. NO BUILDING SIGNAGE WORK TO BE PERFORMED AS PART OF THIS PROJECT PERMIT.

## CODE AND BUILDING DATA

- PROJECT SCOPE:**  
INTERIOR BUILD OUT OF AN EXISTING MERCANTILE SPACE. INTERIOR ALTERATIONS INCLUDE CONSTRUCTION OF NEW OFFICES, BREAK ROOM, AND RESTROOMS. EXTERIOR MODIFICATIONS INCLUDE NEW BI-PARTING ENTRY DOOR, (2) HOLLOW METAL DOORS, 8'x10' O.H. DOOR, AND NEW 20'x80' DROP AND HOOK PAD. THE SPACE WAS FORMERLY A PEEBLES.
- DEFERRED SUBMITTALS:**  
- EXTERIOR SIGNAGE (INCLUDING TEMPORARY SIGN BANNER)  
- AUTOMATIC SPRINKLER SYSTEM MODIFICATIONS  
- FIRE ALARM SYSTEM MODIFICATIONS  
- MERCHANDISE RACKING
- APPLICABLE CODES:**  
BUILDING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE  
ENERGY CODE: 2018 NORTH CAROLINA STATE ENERGY CONSERVATION CODE  
MECHANICAL CODE: 2018 NORTH CAROLINA STATE MECHANICAL CODE  
ELECTRICAL CODE: 2020 NATIONAL ELECTRIC CODE  
PLUMBING CODE: 2018 NORTH CAROLINA STATE PLUMBING CODE  
FIRE CODE: 2018 NORTH CAROLINA STATE FIRE CODE  
ACCESSIBILITY: 2018 NORTH CAROLINA STATE ADA STANDARDS WITHIN NC STATE BUILDING CODE (2009 NASI A117.1)
- USE and OCCUPANCY CLASSIFICATION:**  
M - MERCANTILE
- CONSTRUCTION CLASSIFICATION (TYPE):**  
IIB - FULLY SPRINKLERED
- FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS):**  
STRUCTURAL FRAME: 0 HOURS INTERIOR BEARING WALLS: 0 HOURS  
EXTERIOR BEARING WALLS: 0 HOURS FLOOR CONSTRUCTION: 0 HOURS  
INTERIOR BEARING WALLS/COLUMNS: 0 HOURS ROOF CONSTRUCTION: 0 HOURS
- ALLOWABLE HEIGHT and BUILDING AREAS:**  
ALLOWABLE AREA: 50,000 SQ. FT.  
SALES AREA: 9,079 SQ. FT.  
NON-SALES AREA: 5,973 SQ. FT.  
GROSS LEASED AREA: 15,062 SQ. FT.  
ALLOWABLE HEIGHT: 75'-0"  
ACTUAL HEIGHT: 32'-7"
- OCCUPANT LOAD:**  
GROSS LEASED BUILDING AREA: 15,062 SQ. FT.  
FUNCTION OF SPACE FLR. AREA OCC. CALCULATION ALLOWABLE  
M - SALES 60 GROSS 9,079 SQ. FT. 152 OCCUPANTS  
B - CORE AREA 150 GROSS 673 SQ. FT. 5 OCCUPANTS  
S-1 - STOCK 300 GROSS 5,300 SQ. FT. 18 OCCUPANTS  
175 OCCUPANTS
- ANTICIPATED OCCUPANT LOAD FOR HARBOR FREIGHT TOOLS: 150 MAX FROM HISTORICAL DATA
- EGRESS REQUIREMENTS:**  
REQUIRED EGRESS WIDTH: 175 OCC. x 0.20 = 35.0' (44" MIN)  
PROVIDED EGRESS WIDTH: (1) BREAK-AWAY BI-PARTING DOOR @ 66", (2) H.M. DOOR @ 34" = 134"  
REQUIRED EXIT ACCESS TRAVEL DISTANCE: 250'  
PROVIDED EXIT ACCESS TRAVEL DISTANCE: LESS THAN 250'  
MIN. NUMBER OF EXITS REQUIRED / PROVIDED: 2 EXITS REQUIRED / 3 EXITS PROVIDED
- PLUMBING FIXTURE REQUIREMENTS:**

## VENDOR LIST

IT VENDOR	IT CHECKLIST	FLOORING VENDORS	LVT VENDOR
RETAIL TECH INC. MAIN CONTACT: CRISTIN BELSITO T: (952) 356-1775 X 2007 C: (440) 263-2270 EMAIL: cbelisto@retailtechinc.com	<b>MUST HAVE CHECK LIST:</b> <input type="checkbox"/> PROJECT MANAGERS CONTACT INFORMATION INCLUDING EMAIL ADDRESS <input type="checkbox"/> CONTRACTOR INFORMATION 1 WEEK BEFORE CONSTRUCTION STARTS (PROTRACK TRIGGER VIA EMAIL) <input type="checkbox"/> GENERAL CONTRACT INFO INCLUDING EMAIL ADDRESSES <input type="checkbox"/> SITE FOREMAN INFO INCLUDING EMAIL ADDRESS <input type="checkbox"/> CONFIRMED ADDRESS WITH MPOE LOCATION (CLOSET, DIMARK, ETC.) <input type="checkbox"/> STANDARD STORE SET UP IS 2 LINES IN A HUNT GROUP, 1 LINE FOR BACK UP COMMUNICATION, AND 1 ALARM LINE. IF WE NEED MORE DEDICATED ALARM LINES TO PASS CITY CODE, NEED TO KNOW THAT UPFRONT	DIAMA-SHIELD, LLC 32401 INDUSTRIAL DRIVE MADISON HEIGHTS, MI 48071 CONTACT: TRAVIS SIBLEY T: (313) 510-6149 EMAIL: tsibley@damashield.com	MATTER SURFACES CONTACT: DAVE BOLINGER T: (260) 341-4949 EMAIL: dbolinger@selected-service.com CONTACT: COREY HALL T: (404) 735-0799
RETAIL TECH INC. MAIN CONTACT: CRISTIN BELSITO T: (952) 356-1775 X 2007 C: (440) 263-2270 EMAIL: cbelisto@retailtechinc.com		RACKING VENDOR MADIX, INC. 500 AIRPORT ROAD TERRELL, TX 75160 CONTACT: SCOTT NELSON T: (805) 529-6457 C: (805) 785-9386 EMAIL: snelson@madixinc.com	OVERHEAD DOOR VENDOR CORNELL IRON 140 MAFFET STREET WILKES-BARRE, PA 18705 CONTACT: KRISTA BONAVINA T: (800) 882-6773 X 1620 EMAIL: kbonavina@cornellstorefronts.com
DOOR HARDWARE VENDORS / RESTROOM ACCESSORIES	FIRE AND SECURITY ALARM MONITORING VENDOR	ADDRESS VERIFICATION / METER SERVICES	PAINT VENDOR
COOK AND BOARDMAN, LLC 345 MASON ROAD LAVERGNE, TN 37086 CONTACT: AMY BAKER T: (855) 447-8600 x4508 EMAIL: harborfreightteam@cookandboardman.com	ADT SECURITY 4221 W JOHN CARPENTER FWY IRVING, TX 75063 CONTACT: STEPHANIE NYSTROM T: (214) 277-7175 EMAIL: snystrom@adt.com CONTACT: DAN BITCON EMAIL: dbitcon@adt.com	COST CONTROL ASSOCIATES 310 BAY ROAD QUEENSBURY, NY 12804 CONTACT: LENA GARCIA T: (714) 404-8212 EMAIL: lena.g.garcia@sherinwin.com	SHERWIN WILLIAMS 2100 WEST ORANGEWOOD, SUITE 100 ORANGE, CA 92668 CONTACT: LENA GARCIA T: (714) 404-8212 EMAIL: lena.g.garcia@sherinwin.com
HVAC VENDOR	EMS VENDOR	EMS SHIELDED CABLE VENDOR	RACKING ENGINEER
LENNOX INDUSTRIES NATIONAL ACCOUNTS CONTACT: GARRY BAKER T: (972) 497-6665 EMAIL: LennoxNationalAccounts@Lennox.com	SIEMENS CONTACT: EMELY CORDON T: (512) 751-5942 EMAIL: emely.cordon@siemens.com PROJECT MANAGER: EMELY CORDON T: (512) 751-5942 EMAIL: emely.cordon@siemens.com ENGINEERING MANAGER: JUAN CABRERA T: (512) 567-7455 EMAIL: juancabrera@siemens.com	WINDY CITY WIRE CONTACT: KIMBERLY DEPAOLA T: (800) 378-1191 X 2811 C: (630) 633-4811 EMAIL: kdepaula@smartwire.com	GARY K. MUNKELT AND ASSOCIATES 1180 WELSH ROAD, SUITE 190 NORTH WALES, PA 19454 CONTACT: BRUCE MATTHEWS, P.E. T: (215) 855-8713 EMAIL: bruce.matthews@gkmsassoc.com CONTACT: DENISE BAILEY T: (610) 449-4502 EMAIL: denise.bailey@gkmsassoc.com CONTACT: BRENDA ROJHM T: (610) 449-4502 EMAIL: frank.kooshyar@gkmsassoc.com

**NOTE: SUBSTITUTE PRODUCTS -OR- ALTERNATES TO THOSE SPECIFIED ON PLANS WILL NOT BE ACCEPTED WITHOUT HFT'S EXPRESS CONSENT. ANY PROPOSED SUBSTITUTIONS MUST BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL.**

## HFT VENDOR SCOPE OF WORK SUMMARY

- FIXTURES / FURNISHINGS:**
  - FURNISH AND INSTALL SALES AREA CASH WRAPS
  - FURNISH AND INSTALL FRONT OF HOUSE AND BACK OF HOUSE FIXTURES
  - FURNISH AND INSTALL EXTERIOR CART CORRAL (IF APPLICABLE)
- DOORS AND STOREFRONT:**
  - FURNISH DOORS, FRAMES, AND HARDWARE. SEE SHEET A5.0 FOR FURTHER INFORMATION.
  - FURNISH AND INSTALL OVERHEAD DOOR AT RECEIVING AREA. SEE SHEET A5.0 FOR FURTHER INFORMATION.
  - FURNISH AND INSTALL HFT BI-PARTING AND SINGLE SLIDING DOOR PACKAGES. SEE SHEET A5.0 FOR FURTHER INFORMATION.
  - FURNISH AND INSTALL SECURITY GATES. SEE SHEET A1.1 FOR FURTHER INFORMATION.
  - FURNISH AND INSTALL COOLUV WINDOW TINT (IF APPLICABLE)
- SIGNAGE:**
  - FURNISH AND INSTALL EXTERIOR SIGNAGE. POWER AND BLOCKING BY G.C.
  - FURNISH ALL INTERIOR SIGNAGE.
- FLOOR FINISHES:**
  - FURNISH AND INSTALL GRINDING AND POLISHING OF CONCRETE FLOORS
- ELECTRICAL:**
  - FURNISH AND INSTALL TELEPHONE / DATA WIRING. VERIFY IF WIRING IS TO BE PLENUM RATED
  - FURNISH AND INSTALL SOUND SYSTEM
  - FURNISH AND INSTALL CAMERAS
  - FURNISH LIGHT FIXTURES AND LAMPS
  - FURNISH LIGHTING DIMMING SYSTEM COMPONENTS (IF APPLICABLE, SEE E1.1A)
  - FURNISH AND INSTALL EMS COMPONENTS
- MECHANICAL:**
  - FURNISH HVAC ROOFTOP UNITS. G.C. TO COORDINATE SCHEDULE AND DELIVERY
- RESTROOM ACCESSORIES:**
  - FURNISH GRAB BARS, BLOCKING BY G.C.
  - FURNISH SANITARY NAPKIN DISPOSAL
  - FURNISH TOILET PARTITIONS (IF APPLICABLE)
- NOTE:** G.C. SHALL MANAGE ALL WARRANTY ITEMS AND REMEDIES INCLUDING MANAGING SUB-CONTRACTORS, VENDORS AND HFT VENDORS FOR A PERIOD OF (1) YEAR FROM TURNOVER

## PROJECT DIRECTORY

BLDG. DEPT. CONTACT	FIRE DEPT. CONTACT	HARBOR FREIGHT TOOLS	HARBOR FREIGHT TOOLS
LILLINGTON BUILDING INSPECTIONS 107 E IVEY ST. LILLINGTON, NC 27546 CONTACT: JOSHUA PERRY T: (910) 893-0311 EMAIL: jperry@lillingtonnc.org	HARNETT COUNTY FIRE MARSHAL 420 MCKINNEY PARKWAY LILLINGTON, NC 27546 CONTACT: DONNA JOHNSON Senior Director of Construction T: (910) 893-7525 EMAIL: djohnson@harnett.org	HARBOR FREIGHT TOOLS 26677 AGOURA ROAD CALABASAS, CA 91302 CONTACT: ADAM STEECE Senior Director of Construction T: (805) 457-7503 EMAIL: asteece@harborfreight.com	HARBOR FREIGHT TOOLS CALABASAS, CA 91302 CONTACT: DOUG HORROCKS Senior Construction Manager T: (805) 407-1961 EMAIL: dhorrocks@harborfreight.com
HARBOR FREIGHT TOOLS 26677 AGOURA ROAD CALABASAS, CA 91302 CONTACT: JAKE MATTERN Construction Manager T: (818) 309-9137 EMAIL: jmattern@harborfreight.com	HARBOR FREIGHT TOOLS 26677 AGOURA ROAD CALABASAS, CA 91302 CONTACT: KYLE NIX Construction Manager T: (213) 561-0921 EMAIL: knix@harborfreight.com	HARBOR FREIGHT TOOLS 26677 AGOURA ROAD CALABASAS, CA 91302 CONTACT: KYLE NIX Construction Manager T: (213) 561-0921 EMAIL: knix@harborfreight.com	ARCHITECT CONTACT ADA ARCHITECTS, INC. 17710 DETROIT AVE. CLEVELAND, OH 44107 CLIENT MANAGER: BRYAN MATTHEWS PROJECT MANAGER: DAN COLLINS T: (216) 521-4824 EMAIL: bmatthews@adaarchitects.com EMAIL: dcollins@adaarchitects.com

## LIFE SAFETY SUMMARY

THE SPACE IS FULLY SUPPRESSED WITH THE EXISTING 6" SPRINKLER MAIN AND RISER IN THE NORTHWEST CORNER OF THE HFT SPACE. THERE IS A MANUAL PULL STATION SYSTEM SERVING THE SPACE. HFT TO MODIFY THE MANUAL PULL STATION SYSTEM AS REQUIRED FOR THE CHANGE IN OPENINGS.

**NOTE:**  
G.C. TO SUPPLY AND INSTALL FIRE ALARM SYSTEM PER LOCAL REQUIREMENTS. G.C. TO COORDINATE MONITORING REQUIREMENTS WITH THE LANDLORD, BV, AND LOCAL AUTHORITY HAVING JURISDICTION.

## FIRE ALARM NOTES

(IF REQUIRED)

APPROVED PANELS:  
FIRE-LITE MODEL #S MS-9600, ES-50, AND ES-200X

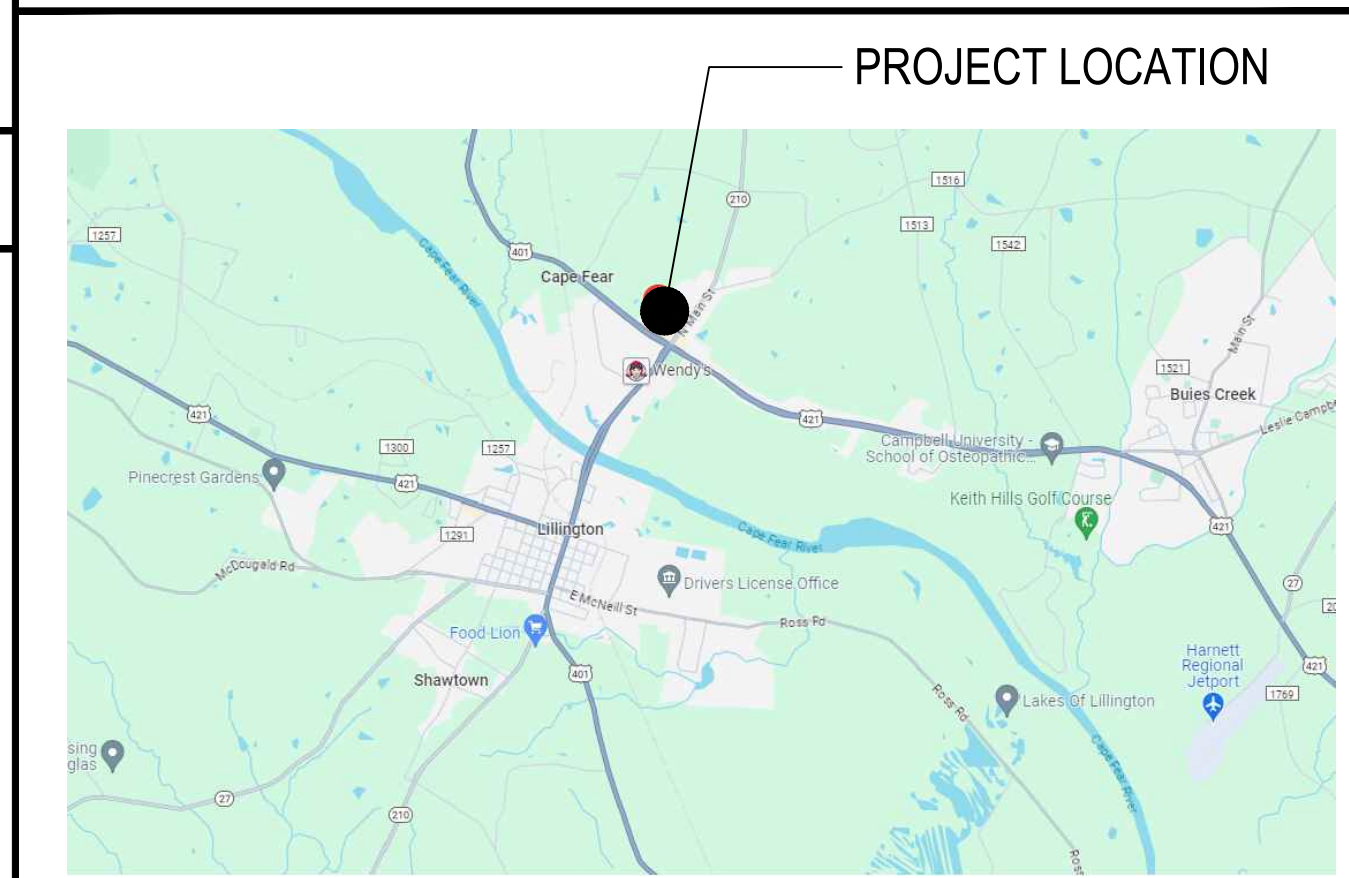
SILENT KNIGHT MODEL #S SK6700, SK6808, SK6820, AND SK5208.

NOTE: FIRE ALARM VENDOR SHALL CLEARLY LABEL THE FIRE ALARM CONTROL PANEL IN THE FIELD. FIRE ALARM MONITORING IS VIA CELLULAR ANNUNCIATOR-NAPCO # SLE-LTEV-FIRE OR SLE-LTEA-FIRE. REFER TO SHEET E2.2 FOR ADDITIONAL INFORMATION. FA SUBCONTRACTOR TO PROVIDE & INSTALL CELLULAR ANNUNCIATOR & PANEL. G.C. TO VERIFY WEEK ONE OF CONSTRUCTION WITH FIRE INSPECTOR IF A CELLULAR COMMUNICATOR IS ACCEPTABLE AS THE PRIMARY POINT OF CONNECTION FOR THE FIRE ALARM SYSTEM.

## HFT FURNISHED ITEMS, G.C. TO INSTALL

- FIXTURES / FURNISHINGS:**
  - MILLWORK KIT FOR OFFICES
  - FIRE EXTINGUISHERS
  - PLASTIC BOLLARD COVERS
  - EYE WASH STATION AND CARTRIDGE
  - CORNER GUARDS
  - POWER POLES
  - FORKLIFT BATTERY CHARGER STATION AND WATER TANK
  - MOP SINK SHELVES
  - UPRIGHT FRAME PROTECTORS
  - BOX BALLS
  - BOLT DOWN BOLLARDS
  - INPRO WALL GUARD
  - DOCK FAN AND MOUNTING KIT (IF APPLICABLE)
  - TURNSTILES (IF APPLICABLE)
- MECHANICAL:**
  - DIGITAL DIFFUSERS
  - MOP SINK, FAUCET AND ACCESSORIES
  - CABINET UNIT HEATER (IF APPLICABLE)
  - RECEIVING AREA UNIT HEATER (IF APPLICABLE)
- PLUMBING FIXTURES:**
  - DRINKING FOUNTAIN AND STAINLESS STEEL WALL GUARDS
  - MOP SINK, FAUCET AND ACCESSORIES
  - BREAK ROOM SINK AND FAUCET
  - RESTROOM LAVATORIES, FAUCETS AND CARRIERS
  - WATER HEATER AND PAN EXPANSION TANK
- ELECTRICAL:**
  - BURGLAR ALARM PANEL
  - WIRED ZONE EXPANDER
  - KEY PAD
  - SIREN
  - CEILING MOUNTED MOTION DETECTOR
  - GLASSBREAK DETECTOR
  - MOTION DETECTOR
  - MICROWAVE DETECTOR
  - EXTERIOR DOOR CONTACTS
- OVERHEAD DOOR CONTACT**
- EMPLOYEE TIME CLOCK**
- DOOR BELL AND BUTTON**
- FLOOR FINISHES:**
  - VESTIBULE CARPET TILE
  - LVT FLOORING
  - WALL BASE
- NOTE: G.C. TO PROVIDE (2) 40'-0" CONEX CONTAINERS FOR TEMPORARY STORAGE OF HFT SUPPLIED ITEMS. COORDINATE DELIVERY / PLACEMENT WITH HFT PM.**

## SITE VICINITY MAP



**SITE VICINITY MAP**  
SCALE = NTS

**WALL LEGEND**

SYMBOL	DESCRIPTION
	EXISTING WALL
	MASONRY WALL INFILL. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
	NEW WALL. SEE WALL TYPES ON SHEET A4.1 FOR ADDITIONAL INFORMATION.
	WALL TYPE DESIGNATION. SEE SHEET A4.1 FOR ADDITIONAL INFORMATION.

NOTE:  
 1. ALL WALLS BRACED TO STRUCTURE ABOVE @ 4'-0" O.C. MAX.  
 2. ALL WALLS TO BE PAINTED TO 6" ABOVE CEILING, TO UNDERSIDE OF DECK (IF CEILING IS OPEN TO STRUCTURE), AND BEHIND ALL WALL FIXTURES BY CONTRACTOR.

**300 SERIES FLOOR PLAN KEY NOTES**

- 300. LOCATION OF LEASE LINE (LOCATED @ CENTER LINE OF DEMISING WALL).
- 301. EXISTING STEEL COLUMNS, PREP AND PAINT (P-6). SEE SHEET A1.3 FOR FINISHES.
- 302. AUTOMATIC BI-PARTING DOOR PACKAGE. SEE SHEETS A5.0 AND A5.1 FOR ADDITIONAL INFORMATION.
- 303. CONCRETE PAD. SEE SHEET A4.2 FOR ADDITIONAL INFORMATION.
- 304. EXISTING DEMISING WALL, G.C. TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING DEMISING WALL DURING CONSTRUCTION. EXISTING DEMISING WALL TO BE PAINTED. SEE SHEET A1.3 FOR ADDITIONAL INFORMATION.
- 305. LOCATION OF ELECTRICAL PANELS AND EQUIPMENT. MAINTAIN A 3'-0" CLEARANCE IN FRONT OF ELECTRICAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 306. 4'-0" X 8'-0" FIRE RATED PLYWOOD TO HOUSE ALL ELECTRICAL AND OWNER'S EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 307. 4'-0" WIDE X 3'-0" HIGH ONE WAY GLASS W/ 2" H.M. FRAME CENTERED IN WALL FACING CASH WRAP AREA, BTM. OF WINDOW TO BE @ 40" A.F.F. SEE A5.0 FOR ADDITIONAL INFORMATION.
- 308. SEE FIXTURE PLAN ON A1.2 FOR FIXTURE LAYOUT & ADDITIONAL NOTES.
- 309. SEE FINISH PLAN ON A1.3 FOR ALL FLOOR, WALL, AND CEILING FINISHES.
- 310. EXISTING CONCRETE SLAB, PATCH AND REPAIR TO ENSURE A SMOOTH AND LEVEL SLAB. PREP. SLAB TO RECEIVE NEW FINISHES. SEE SHEET A0.3 & A0.4 FOR ADDITIONAL INFORMATION.
- 311. NOTIFY HFT PROJECT MANAGER AT START OF CONSTRUCTION IF A LEVEL FLOOR CANNOT BE OBTAINED.
- 312. REUSED / EXISTING MATERIALS AND EQUIPMENT TO BE IN OPERATING CONDITION OR SPECIFY THE COST TO SUPPLY / INSTALL IN BID. HFT GENERAL CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH REPAIR / REPLACEMENT OF EXISTING / REUSED ITEMS.
- 313. AREA OF NEW MASONRY INFILL TO MATCH AND ALIGN WITH ADJACENT INTERIOR AND EXTERIOR FINISHES. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 314. NEW RELOCATED DOWNSPOUT LOCATION. SEE SHEETS D1.0 AND A3.1 FOR ADDITIONAL INFORMATION.
- 315. FINISHED FLOOR SLAB TO BE REPAIRED WHERE NEW MASONRY OPENING OCCURS. SEE DETAIL 6/A4.1 FOR ADDITIONAL INFORMATION.
- 316. 6"Ø STEEL PIPE BOLLARD. SEE DETAIL 3/A4.1 FOR ADDITIONAL INFORMATION.
- 317. 8"Ø STEEL PIPE BOLLARD, ALIGN CENTERLINE OF BOLLARD WITH EDGE OF DOOR OPENING AT OVERHEAD DOOR. SEE DETAIL 3/A4.1 FOR ADDITIONAL INFORMATION.
- 318. 6"Ø BOLT DOWN BOLLARD PROVIDED BY HFT. SEE SHEET A1.12 FOR ADDITIONAL INFORMATION.
- 319. OVERHEAD DOOR TO BE INSTALLED IN MODIFIED EXISTING OPENING. SHORE AS REQUIRED. SEE DETAIL 8/A4.1 AND SHEETS D1.0, A5.0 AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 320. NEW LOCATION FOR WATER LINE AND BACKFLOW. SEE SHEET D1.0 AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 321. HOLLOW METAL EGRESS DOOR AND FRAME TO BE INSTALLED AT NEW OPENING. SHORE AS REQUIRED. SEE SHEETS D1.0, A5.0 AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 322. EXISTING ASPHALT PAVEMENT.
- 323. EXISTING CONCRETE SIDEWALK.
- 324. EXISTING BOLLARD TO REMAIN.
- 325. LINE OF CANOPY ABOVE. SEE SHEET A3.0 FOR ADDITIONAL INFORMATION.
- 326. EXISTING WALL TO BE EXTENDED TO DECK. AREA OF NEW WALL TO MATCH AND ALIGN WITH EXISTING ADJACENT FINISHES. SEE DETAIL 3/A5.1 FOR ADDITIONAL INFORMATION.
- 327. FROST SLAB @ CENTER LINE OF DOOR. SEE DETAIL 9/A4.1 FOR ADDITIONAL INFORMATION.
- 328. HATCHING INDICATES AREA OF ASPHALT TO BE PATCHED / REPAIRED IN KIND AT NEW RECEIVING PAD. SEE SECTION NOTED FOR ADDITIONAL INFORMATION.
- 329. LOCATION OF SPRINKLER MAIN. SEE FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.
- 330. EXISTING FIRE DEPARTMENT CONNECTION TO REMAIN. G.C. TO PROTECT IN PLACE DURING CONSTRUCTION.

**FLOOR PLAN NOTES**

- 1. REFER TO GENERAL NOTES ON SHEET A0.2 FOR ADDITIONAL INFORMATION.
- 2. HFT GENERAL CONTRACTOR TO VISIT SITE AND VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING PROPOSALS AND COMMENCING WORK.
- 3. HFT GENERAL CONTRACTOR IS TO PROVIDE FULL TIME SUPERVISION OF PROJECT. NOTIFY HFT PROJECT MANAGER OF TYPICAL WORK HOURS.
- 4. HFT GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND TIMING OF ALL HFT VENDOR INSTALLATIONS. COORDINATE WITH HFT PROJECT MANAGER FOR LIST AND MILESTONE TIMING.
- 5. HFT GENERAL CONTRACTOR IS RESPONSIBLE FOR UNLOADING AND HANDLING ALL OWNER SUPPLIED MATERIAL AND DISPOSAL OF ALL PACKING MATERIALS AT THE JOB SITE.
- 6. HFT GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR QUALITY AND FIT OF ALL MATERIALS, INCLUDING, BUT NOT LIMITED TO, ALL REFRUBISHED MATERIALS. ALL REFRUBISHED MATERIALS TO APPEAR NEW.
- 7. HFT GENERAL CONTRACTOR TO COORDINATE WITH HFT'S FIXTURE MANUFACTURE TO ENSURE FINISHES TO MATCH.
- 8. IF THE CONTRACTOR CONSIDERS ANY SURFACE UNSUITABLE FOR A PROPER FINISH, HE SHALL NOTIFY HFT AND ARCHITECT OF THE CONDITION AND NOT COMMENCE WORK UNTIL DIRECTED BY HFT OR ARCHITECT.
- 9. HFT GENERAL CONTRACTOR TO NOTIFY OWNER OF ANY DAMAGES / SHORTAGES WITHIN 48 HOURS OF RECEIPT OR BEAR RESPONSIBILITY FOR REPLACEMENT OF SUCH.
- 10. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE PUBLISHED INSTALLATION SPECIFICATIONS AND PROCEDURES OF THE MANUFACTURER OF THE MATERIAL USED.
- 11. PROVIDE OTHER WORK AND MERCHANDISE AS REQUIRED TO PREVENT ANY DAMAGE.
- 12. PROVIDE A CLEAN SMOOTH CONCRETE SURFACE FOR PROPER INSTALLATION OF ALL FLOOR FINISHES.
- 13. APPLICATIONS OF PAINT SHALL BE ONE COAT PRIMER AND TWO COATS PAINT (U.N.O.). PRIMER SHALL BE SPECIFIED OR RECOMMENDED BY PAINT MANUFACTURER.
- 14. ALL ADHESIVES TO BE SUPPLIED BY HFT GENERAL CONTRACTOR. THE TYPE TO BE USED AS RECOMMENDED BY WALL COVERING MANUFACTURER SELECTED FOR THE TYPE OF INSTALLATION.
- 15. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO INSPECT ALL WALL COVERING FOR QUALITY AND DEFECTS PRIOR TO INSTALLATION.
- 16. ALL SURFACES TO RECEIVE FABRIC OR WALL COVERING AS SELECTED SHALL BE PROPERLY PREPARED AND SIZED AS RECOMMENDED BY WALL COVERING MANUFACTURER SELECTED FOR THE TYPE OF INSTALLATION. CONTRACTOR SHALL NOTIFY HFT OF ANY SURFACE NOT SUITABLE FOR PROPER APPLICATION OF WALL COVERING. DO NOT APPLY ANY MATERIAL UNTIL SITUATION IS RESOLVED.
- 17. HFT GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF BLOCKING FOR ALL WALL AND CEILING SUPPORTED ITEMS IN STORE. REVIEW ITEMS THOROUGHLY. COORDINATE WITH VENDOR AS NECESSARY.
- 18. HFT GENERAL CONTRACTOR TO ENSURE TIGHT, SECURE, AND PROPER FASTENING OF ALL STANDARDS TO METAL STUDS.
- 19. ALL DIMENSIONS ARE FROM FACE OF GYP. BD. U.N.O.
- 20. ALL INTERIOR DOORS ARE 6" OFF WALL U.N.O.
- 21. ALL EXPOSED WALLS TO UNDERSIDE OF STRUCTURE SHALL BE BUILT TIGHTLY AROUND STRUCTURE, PIPING, ETC.

NOTE:  
 G.C. SHALL FIELD VERIFY EXISTING GRADES ENSURE GRADING NOTED AT DOCK / PAD IS ACHIEVABLE PRIOR TO CONCRETE POUR. CONTACT ARCHITECT PRIOR TO STARTING WORK. IF NOTED GRADING CANNOT BE ACHIEVED, RECEIVING PAD MUST HAVE MINIMUM 1% SLOPE AWAY FROM THE BUILDING.

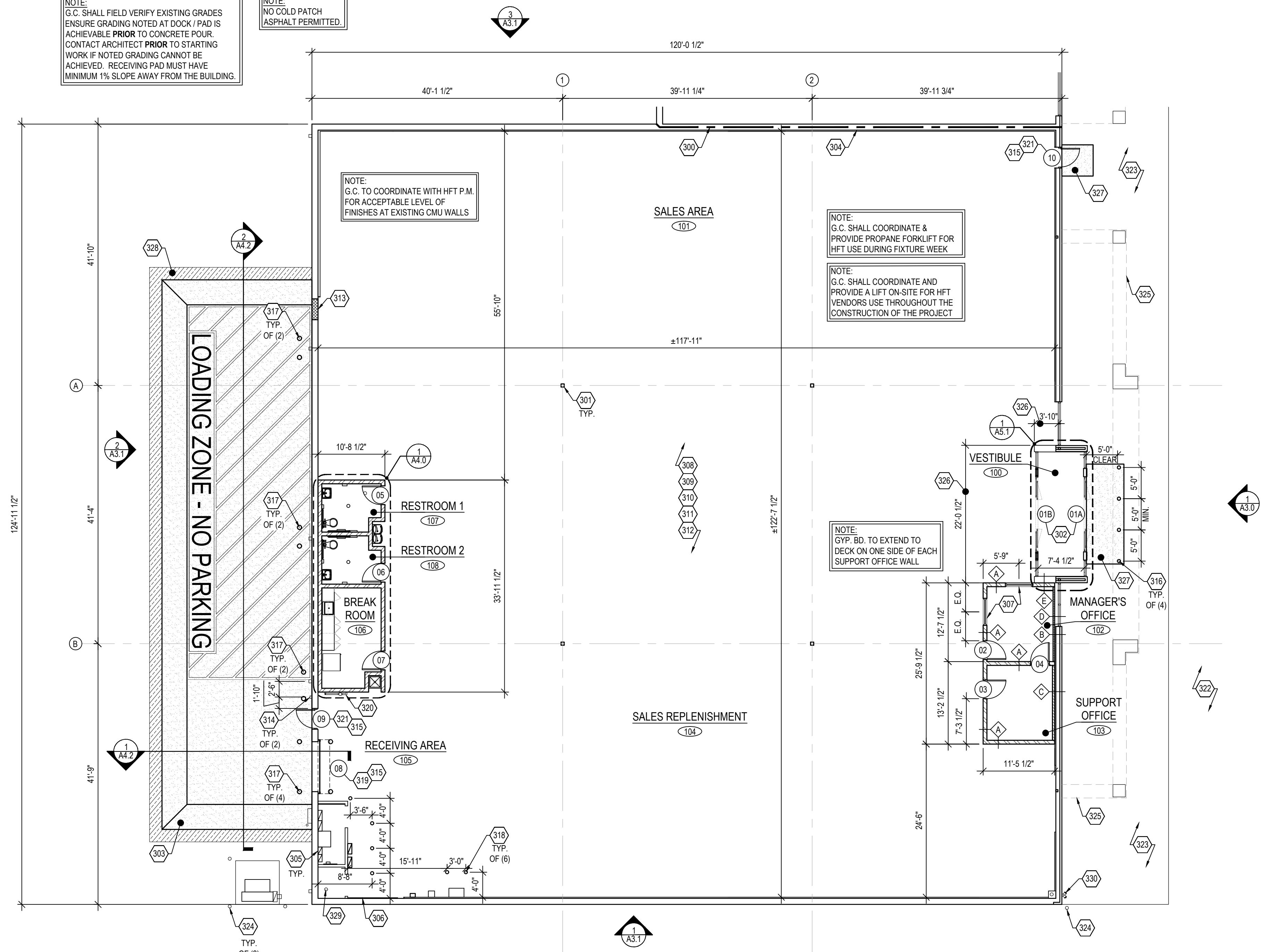
NOTE:  
 NO COLD PATCH ASPHALT PERMITTED.

NOTE:  
 G.C. TO COORDINATE WITH HFT P.M. FOR ACCEPTABLE LEVEL OF FINISHES AT EXISTING CMU WALLS

NOTE:  
 G.C. SHALL COORDINATE & PROVIDE PROPANE FORKLIFT FOR HFT USE DURING FIXTURE WEEK

NOTE:  
 G.C. SHALL COORDINATE AND PROVIDE A LIFT ON-SITE FOR HFT VENDORS USE THROUGHOUT THE CONSTRUCTION OF THE PROJECT

NOTE:  
 GYP. BD. TO EXTEND TO DECK ON ONE SIDE OF EACH SUPPORT OFFICE WALL



**FLOOR PLAN**  
 SCALE 3/32" = 1'-0"

DO NOT SCALE THESE DRAWINGS

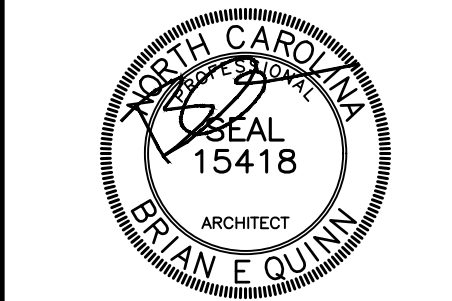
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**FLOOR PLAN**

DATE 03/04/24  
 JOB NO. 23591

**A1.1**

SHEET NO.



**ADA ARCHITECTS**  
 17710 Detroit Avenue  
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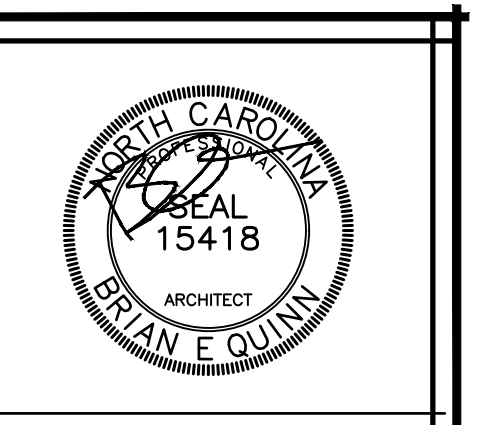
LEGEND	
	EGRESS PATHWAY
	EXIT SIGN, SEE LIGHTING PLAN
	EMERGENCY LIGHT LOCATIONS, SEE LIGHTING PLAN
	EMERGENCY EXTERIOR LIGHT LOCATIONS, SEE LIGHTING PLAN
	FIRE EXTINGUISHER, ABC, CLASS 2A-20BC (MIN.) WALL MOUNTED FIRE EXTINGUISHER PER CODE. FIRE EXTINGUISHERS LOCATED TO PROVIDE MAXIMUM FLOOR AREA PER UNIT OF 1,500 S.F. AND A MAXIMUM TRAVEL DISTANCE OF 75' AS SHOWN. CONTRACTOR TO VERIFY FINAL LOCATIONS WITH FIRE MARSHAL.

OCCUPANCY CALCULATIONS			
<b>USE and OCCUPANCY CLASSIFICATION:</b>			
USE: M - MERCANTILE CLASS: IIB - FULLY SPRINKLERED			
<b>APPLICABLE CODES:</b>			
BUILDING CODE:	2018 NORTH CAROLINA STATE BUILDING CODE		
ENERGY CODE:	2018 NORTH CAROLINA STATE ENERGY CONSERVATION CODE		
MECHANICAL CODE:	2018 NORTH CAROLINA STATE MECHANICAL CODE		
ELECTRICAL CODE:	2020 NATIONAL ELECTRIC CODE		
PLUMBING CODE:	2018 NORTH CAROLINA STATE PLUMBING CODE		
FIRE CODE:	2018 NORTH CAROLINA STATE FIRE CODE		
ACCESSIBILITY:	2018 NORTH CAROLINA STATE ADA STANDARDS WITHIN NC STATE BUILDING CODE (2009 NASI A117.1)		
<b>OCCUPANT LOAD:</b>			
ACTUAL INTERIOR AREA BUILDING:	15,052 SQ. FT.		
FUNCTION OF SPACE	FLR. AREA	OCC. CALCULATION	ALLOWABLE
M - SALES	60 GROSS	9,079 SQ. FT.	152 OCCUPANTS
B - CORE AREA	150 GROSS	673 SQ. FT.	5 OCCUPANTS
S-1 - STOCK	300 GROSS	5,300 SQ. FT.	18 OCCUPANTS
			175 OCCUPANTS
ANTICIPATED OCCUPANT LOAD FOR HARBOR FREIGHT TOOLS: 150 MAX FROM HISTORICAL DATA			
<b>EGRESS REQUIREMENTS:</b>			
REQUIRED EGRESS WIDTH:	175 OCC. x 0.20 = 35.0" (44" MIN)		
PROVIDED EGRESS WIDTH:	(1) BREAK-AWAY BI-PARTING DOOR @ 66"; (2) H.M. DOOR @ 34" = 134"		
REQUIRED EXIT ACCESS TRAVEL DISTANCE:	250'		
PROVIDED EXIT ACCESS TRAVEL DISTANCE:	LESS THAN 250'		
MIN. NUMBER OF EXITS REQUIRED / PROVIDED:	2 EXITS REQUIRED / 3 EXITS PROVIDED		

EXIT SEPARATION	
OVERALL DIAGONAL DIMENSION OF SALES AREA:	135'-3"
SEPARATION DISTANCE REQUIRED OF EXITS: 1/3 OF MAXIMUM OVERALL BUILDING DIMENSION (SPACE IS FULLY EQUIPPED WITH AUTOMATIC SPRINKLERS)	45'-1"
CALCULATED MINIMUM SEPARATION DISTANCE:	60'-11" (COMPLIES)
MINIMUM SEPARATION DISTANCE OF EXITS PROVIDED:	

AREA OCCUPANT LOAD ALLOWANCES AND EGRESS DOOR OCCUPANT LOAD CALCULATIONS	
<b>SALES AREA OCCUPANCY:</b>	
SALES AREA	9,079 / 60 = 152 OCCUPANTS
RESTROOMS (ACCESSORY)	(2) SINGLE OCCUPANCY = 2 OCCUPANTS
<b>TOTAL =</b>	<b>154 OCCUPANTS</b>
<b>SALES REPLENISHMENT AREA OCCUPANCY:</b>	
STOCK AREA	5,300 / 300 = 18 OCCUPANTS
BREAK ROOM (ACCESSORY)	333 S.F. / 150 = 2 OCCUPANTS
OFFICE (ACCESSORY)	309 S.F. / 150 = 3 OCCUPANTS
<b>TOTAL =</b>	<b>23 OCCUPANTS</b>
	23 OCCUPANTS / 1 EXIT = 23 OCCUPANTS

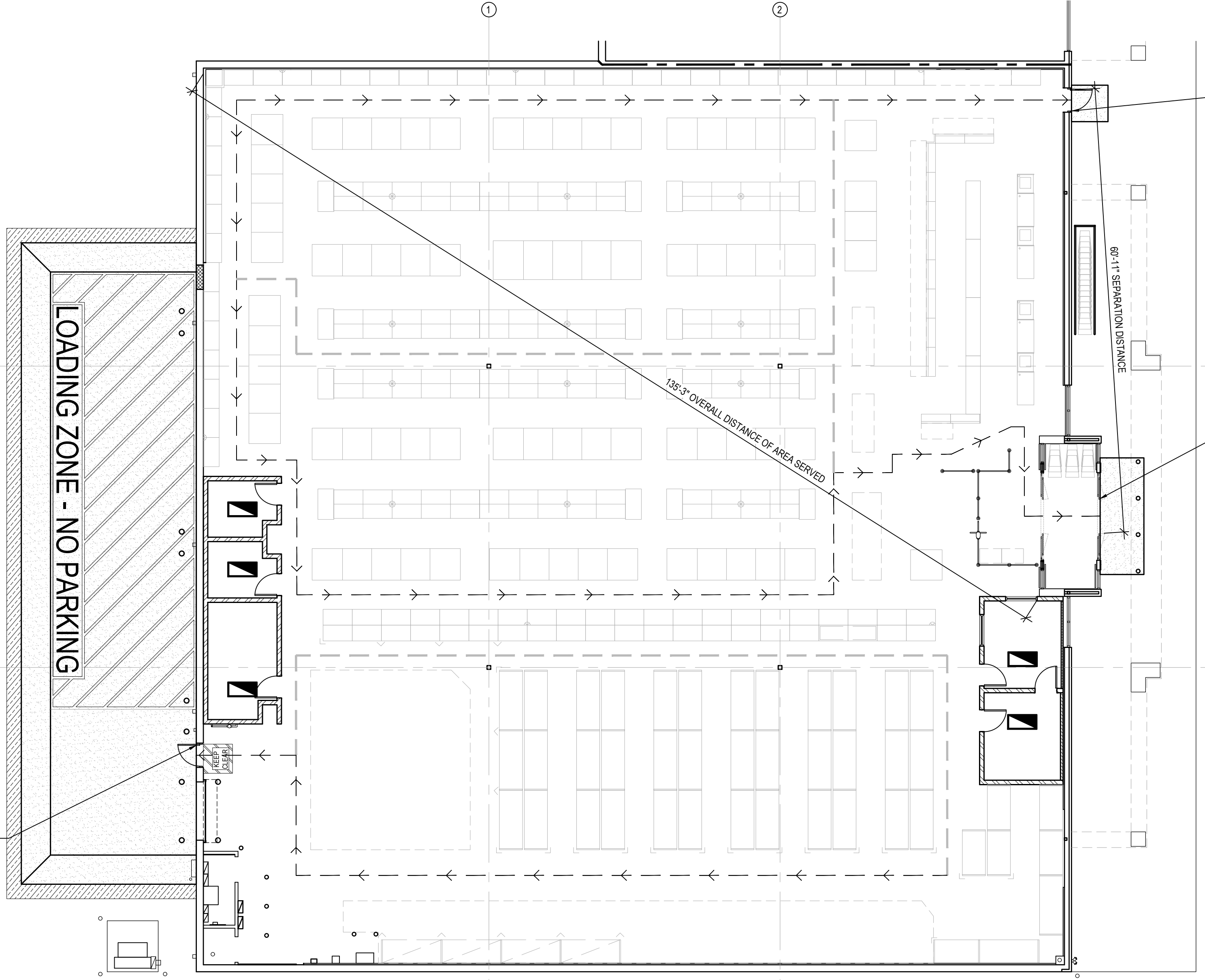
EXIT SEPARATION	
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SEPARATION DISTANCE REQUIRED OF EXITS: 1/3 OF MAXIMUM OVERALL BUILDING DIMENSION (SPACE IS FULLY EQUIPPED WITH AUTOMATIC SPRINKLERS)	45'-1"
CALCULATED MINIMUM SEPARATION DISTANCE:	60'-11" (COMPLIES)
MINIMUM SEPARATION DISTANCE OF EXITS PROVIDED:	



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**EXIT**  
 77 OCCUPANTS  
 (INCLUDES MANAGER'S OFFICE,  
 SUPPORT OFFICE & TOILETS)

EGRESS WIDTH PROVIDED: 34"  
 34" / 20 = 170 MAX. OCCUPANTS

EXIT PATH DISTANCE = 114'-7"  
 (FROM MOST REMOTE POINT IN  
 SALES AREA)

EXIT TRAVEL DISTANCE  
 ALLOWED = 250'-0" (TABLE 1017.2)

114'-7" < 250'-0" (COMPLIES)

**EXIT**  
 77 OCCUPANTS  
 (INCLUDES MANAGER'S OFFICE,  
 SUPPORT OFFICE & TOILETS)

EGRESS WIDTH PROVIDED: 66"  
 66" / 20 = 330 MAX. OCCUPANTS

EXIT PATH DISTANCE = 218'-9"  
 (FROM MOST REMOTE POINT IN  
 SALES AREA)

EXIT TRAVEL DISTANCE  
 ALLOWED = 250'-0" (TABLE 1017.2)

218'-9" < 250'-0" (COMPLIES)

**EXIT**  
 23 OCCUPANTS  
 (INCLUDES BREAK ROOM)

EGRESS WIDTH PROVIDED: 34"  
 34" / 20 = 170 MAX. OCCUPANTS

EXIT PATH DISTANCE = 119'-6"  
 (FROM MOST REMOTE POINT IN  
 SALES REPLENISHMENT AREA)

EXIT TRAVEL DISTANCE  
 ALLOWED = 250'-0" (TABLE 1017.2)

119'-6" < 250'-0" (COMPLIES)

**LIFE SAFETY PLAN**  
 SCALE 3/32" = 1'-0"

DO NOT SCALE THESE DRAWINGS

REVISIONS	
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**LIFE SAFETY PLAN**

DATE 03/04/24  
 JOB NO. 23591

**A1.1A**  
 SHEET NO.