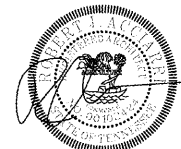


HARBOR FREIGHT TOOLS

705 WYATT
CLEVELAND, TN 37312



ARCHITECTS, INC.
17710 Detroit Avenue Lakewood, Ohio 44107
Phone (216) 321-5134 Fax (216) 512-14824
www.aiaarchitects.com

HARBOR FREIGHT TOOLS
705 WYATT ROAD NORTHWEST
CLEVELAND, TN 37312

DO NOT SCALE THESE DRAWINGS

NO.	DATE	TYPE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

COVER SHEET

DATE 06/02/20
JOB NO. 19155
A0.0
SHEET NO.

SIGN VENDOR LIST

SIGN VENDOR (NORTHERN)	SIGN VENDOR (SOUTHERN)	NOTE:
URBAN NEON ELECTRIC SIGN CO. 500 PINE STREET SUITE 3B HOLMES, PA 15040 CONTACT: STU LEVY T: (610) 583-6366 EMAIL: slevy@urbanneon.com	ATLAS SIGN INDUSTRIES 1077 W. BLUE HERON BLVD. WEST PALM BEACH, FL 33404 CONTACT: JODY KLUITZ T: (980) 407-1961 EMAIL: jody.k@atlasbw.com	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.

Harbor Freight Tools Sign Vendor Territories

Vendors

- Southern US: Atlas Sign Industries
- Northern US: Urban Neon

PROJECT DIRECTORY

HARBOR FREIGHT TOOLS	HARBOR FREIGHT TOOLS	BLDG. DEPT. CONTACT
HARBOR FREIGHT TOOLS 26541 AGOURA ROAD CALABASAS, CA 91302 CONTACT: DOUG HORROCKS Senior Construction Manager T: (805) 407-1961 EMAIL: dhorrocks@harborfreight.com	HARBOR FREIGHT TOOLS 26541 AGOURA ROAD CALABASAS, CA 91302 CONTACT: BRADY ROTHEB Construction Manager T: (818) 307-1904 EMAIL: brotheb@harborfreight.com	CITY OF CLEVELAND BUILDING DIVISION 185 2ND STREET NE CLEVELAND, TN 37311 CONTACT: BRYAN TURNER, CBO T: (423) 473-1913 EMAIL: bturner@clevelandtn.gov
HARBOR FREIGHT TOOLS	HARBOR FREIGHT TOOLS	ARCHITECT CONTACT
HARBOR FREIGHT TOOLS 26541 AGOURA ROAD CALABASAS, CA 91302 CONTACT: JAKE MATTERN Construction Manager T: (818) 309-9137 EMAIL: jmattern@harborfreight.com	HARBOR FREIGHT TOOLS 26541 AGOURA ROAD CALABASAS, CA 91302 CONTACT: ADAM STEECE Senior Director of Construction T: (818) 519-7503 EMAIL: asteece@harborfreight.com	ADA ARCHITECTS, INC. 17710 DETROIT AVE. CLEVELAND, OH 44107 CLIENT MANAGER: BRIAN QUINN PROJECT MANAGER: BRYAN MATTHEWS T: (216) 521-5134 F: (216) 521-4824 EMAIL: bquinn@adaarchitects.com bmatthews@adaarchitects.com

CODE AND BUILDING DATA

PROJECT SCOPE:
THE ERECTION OF A NEW PRE-ENGINEERED METAL BUILDING. THE INTERIOR SHALL INCLUDE THE CONSTRUCTION OF NEW BREAK ROOM WITH CABINETS, OFFICES, RESTROOMS AND VESTIBULE. THE EXTERIOR WORK SHALL INCLUDE AUTOMATIC BI-PARTING DOOR SYSTEM AT MAIN ENTRY, HOLLOW METAL EGRESS DOOR FROM THE SALES AND RECEIVING AREAS, 8'-0" x 10'-0" OVERHEAD COILING DOOR AT THE RECEIVING AREA, 20x60 CONCRETE RECEIVING PAD WITH LOADING AREA AND SIGNAGE. (SUBMITTED UNDER SEPARATE PERMIT).

DEFERRED SUBMITTALS:
- EXTERIOR SIGNAGE (INCLUDING TEMPORARY SIGN BANNER)
- AUTOMATIC SPRINKLER SYSTEM
- FIRE ALARM SYSTEM
- MERCHANDISE RACKING

APPLICABLE CODES:
BUILDING CODE: 2018 INTERNATIONAL BUILDING CODE
ENERGY CODE: 2018 INTERNATIONAL ENERGY CONSERVATION CODE
MECHANICAL CODE: 2018 INTERNATIONAL MECHANICAL CODE
ELECTRICAL CODE: 2017 NATIONAL ELECTRICAL CODE
PLUMBING CODE: 2018 INTERNATIONAL PLUMBING CODE
FIRE CODE: 2018 INTERNATIONAL FIRE CODE
ACCESSIBILITY: ICC A117.1-2017 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

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 NON-BEARING WALL: 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: 600 SQ. FT.
SALES AREA: 1424 SQ. FT.
NON-SALES AREA: 6935 SQ. FT.
GROSS LEASE AREA: 16759 SQ. FT.
ALLOWABLE HEIGHT: 55' FT.
ACTUAL HEIGHT: 55' FT.

OCCUPANT LOAD:
ACTUAL INTERIOR AREA: 16,519 SQ. FT.
FUNCTION OF SPACE: ELR. AREA / OCC. CALCULATION ALLOWABLE
OFFICES: 10,424 SQ. FT. 173 OCCUPANTS
SALES: 60 GROSS 667 SQ. FT. 7 OCCUPANTS
RECEIVING AREA: 100 GROSS 6,096 SQ. FT. 20 OCCUPANTS
STOCK: 300 GROSS
TOTAL = 200 OCCUPANTS

ANTICIPATED OCCUPANT LOAD FOR HARBOR FREIGHT TOOLS: 150 MAX FROM HISTORICAL DATA

EGRESS REQUIREMENTS:
REQUIRED EGRESS WIDTH: 200 OCC. x 0.2 = 40' (44" MIN)
PROVIDED EGRESS WIDTH: (1) BI-PARTING DOOR @ 68", (2) EGRESS MAIN DOOR @ 34" = 136"
REQUIRED EXIT ACCESS TRAVEL DISTANCE: 250' MAX.
PROVIDED EXIT ACCESS TRAVEL DISTANCE: LESS THAN 250'
MIN. NUMBER OF EXITS REQUIRED / PROVIDED: 2 EXITS REQUIRED / 3 EXITS PROVIDED

PLUMBING FIXTURE REQUIREMENTS:

PLUMBING FIXTURE	CALCULATION	REQUIRED	PROVIDED
WATER CLOSETS, MEN:	1 PER 500 OCC.	1	1
WATER CLOSETS, WOMEN:	1 PER 500 OCC.	1	1
LAVATORIES, MEN:	1 PER 750 OCC.	1	1
LAVATORIES, WOMEN:	1 PER 750 OCC.	1	1
DRINKING FOUNTAINS:	1 PER 1,000 OCC.	1	1 HI/LOW
MOP SINK:	1 SERVICE SINK/USE GROUP	1	1

LIFE SAFETY SUMMARY

THE SPACE IS FULLY SPRINKLERED WITH A 6" FIRE RISER LOCATED IN THE STOCK AREA AT THE NORTH SIDE OF THE BUILDING. A SPRINKLER FLOW MONITORING PANEL IS REQUIRED.

PER SECTION 907.2.7 OF THE 2018 IBC, A MANUAL PULL STATION FIRE ALARM SYSTEM IS NOT REQUIRED BASED ON THE USE AND OCCUPANCY OF THE BUILDING.

FIRE ALARM NOTES

NOTE: FIRE ALARM VENDOR SHALL CLEARLY LABEL THE FIRE ALARM CONTROL PANEL IN THE FIELD.

APPROVED PANELS:
FIRE LITE
MODEL #S MSS, MS10, MS950, AND MS9200

SILENT KNIGHT
MODEL #S SK3560, SK6700, SK6800, SK6820, SK5208, AND SK-4.

NOTE: FIRE ALARM MONITORING IS VIA HARD PHONE LINE.

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 CASH CORRAL (IF APPLICABLE)
• FURNISH AND INSTALL POWER STEP AND CHARGERS AT BANNER AND CHARGING STATION

DOORS:
• FURNISH DOORS, HANDLES 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 DOOR PACKAGES. SEE SHEET A5.0 FOR FURTHER INFORMATION.

SIGNAGE:
• FURNISH AND INSTALL EXTERIOR SIGNAGE
• POWER AND BLOCKING BY G.C.
• FURNISH ALL INTERIOR SIGNAGE

ELECTRICAL:
• FURNISH AND INSTALL TELEPHONE / DATA CABLES. WIRE TO BE PLENUM
• FURNISH AND INSTALL SOUND SYSTEM
• FURNISH AND INSTALL ALL EMS COMPONENTS
• FURNISH LIGHT FIXTURES AND LAMPS
• FURNISH LIGHTING DIMMING SYSTEM COMPONENTS (IF APPLICABLE. SEE E1.1A)

FLOOR FINISHES:
• FURNISH AND INSTALL LVT FLOORS
• FURNISH AND INSTALL WALL BASE
• FURNISH AND INSTALL GRINDING AND POLISHING OF CONCRETE FLOORS

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)

REQUIRED VENDOR LIST

FLOORING VENDORS		LVT VENDOR	
DIAMA-SHIELD, LLC 32401 INDUSTRIAL DRIVE MADISON HEIGHTS, MI 48071 CONTACT: TRAVIS SIBLEY T: (313) 510-6149 EMAIL: tsibley@diamashield.com	ROCKEYZ INC. 100 COMMONWEALTH DR. WARRENDALE, PA 15086 CONTACT: TRAVIS SIBLEY T: (724) 553-3854 EMAIL: rsmith@rockezyinc.com	PREFERRED GLOBAL CONTACT: MATTHEW NEWCOMER T: (371) 601-7284 EMAIL: mnewcomer@preferredglobal.net CONTACT: DEREK BROWN T: (371) 869-3712 EMAIL: dbrown@preferredglobal.net	FLOORMAX USA CONTACT: ALY RAHMAN 7701 DERRY STREET HARRISBURG, PA 17111 T: (717) 571-3548 EMAIL: Aly@floormaxusa.com
SECURITY GATE VENDORS		LIGHTING VENDOR	
RETAIL SECURITY, INC. 421 ELLIS CIRCLE FOLSOM, CA 95630 CONTACT: WES CROTEAU T: (916) 628-1419 EMAIL: wes@retalsec.com	CORNELL STOREFRONT SYSTEMS 140 MAFFET STREET WILKES-BARRE, PA 18705 CONTACT: AMY TEMARANTZ T: (800) 882-5773 X 522 EMAIL: amtemarantz@cornellstorefronts.com	COMMERCIAL REPAIRS & SALES, INC. P.O. BOX 3379 RIVERVIEW, FL 33568 CONTACT: RICK CIANCICULLI T: (800) 345-9043 EMAIL: rick@commercialrepairs.com	CAPITOL LIGHT 270 LOCUST ST. HARTFORD, CT 06114 CONTACT: BETH RIBE T: (860) 449-4502 EMAIL: beth.ribe@capitollight.com
IT CHECKLIST	IT VENDOR	BI-PARTING DOOR VENDOR	OVERHEAD DOOR VENDOR
MUST HAVE CHECK LIST: PROJECT MANAGERS CONTACT INFORMATION INCLUDING EMAIL ADDRESS CONTRACTOR INFORMATION 1 WEEK BEFORE CONSTRUCTION STARTS PROTRACK TRIGGER VIA EMAIL GENERAL CONTRACT INFO INCLUDING EMAIL ADDRESSES SITE FOREMAN INFO INCLUDING EMAIL ADDRESS CONFIRMED ADDRESS WITH MPOE LOCATION (CLOSET, D.MARK, ETC) 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	POMEROY MAIN CONTACT: JEFF WARREN T: (704) 206-7851 C: (704) 956-9771 EMAIL: jeff.warren@pomeroym.com	DORMA 924 SHERWOOD DRIVE LAKE BLUFF, IL 60044 CONTACT: TESS FREEMAN T: (717) 335-4731 EMAIL: tessa.freeman@dormakaba.com	CORNELL 140 MAFFET STREET WILKES-BARRE, PA 18705 CONTACT: AMY TEMARANTZ T: (800) 882-5773 EMAIL: amtemarantz@cornellstorefronts.com
CABLING VENDOR	ADDRESS VERIFICATION / METER SERVICES	DOOR HARDWARE VENDORS / RESTROOM ACCESSORIES	RACKING VENDOR
POMEROY MAIN CONTACT: JEFF WARREN T: (704) 206-7851 C: (704) 956-9771 EMAIL: jeff.warren@pomeroym.com	COST CONTROL ASSOCIATES 319 BAY ROAD QUEENSBURY, NY 12804 CONTACT: DANIEL SADLOCH T: (518) 824-0303	COOK AND BOARDMAN, LLC 700-C FLAG STONE WAY NEWPORT NEWS, VA 23608 CONTACT: ELLIOTT WAITES T: (538) 582-7065 C: (571) 869-6827 EMAIL: hartorffrightteam@cookandboardman.com	MADY, INC 500 AIRPORT ROAD TERRELL, TX 75160 CONTACT: SCOTT NELSON T: (805) 529-6457 C: (805) 795-9306 EMAIL: snelson@madyinc.com
HVAC VENDOR	EMS VENDOR	RACKING ENGINEER	
LENNOX INDUSTRIES NATIONAL ACCOUNTS CONTACT: DEREK GAREN T: (572) 497-9082 EMAIL: lennoxNationalAccounts@lennoxind.com	SIEMENS PROJECT MANAGER: KARLA LARA T: (512) 751-5942 EMAIL: karla.lara@siemens.com ENGINEERING MANAGER: JUAN CABRERA T: (512) 567-1455 EMAIL: juan.cabrera@siemens.com	GARY K. MURKELT AND ASSOCIATES 1180 WELSH ROAD, SUITE 190 NORTH WALES, PA 19454 CONTACT: BRUCE MATTHEWS, P.E. T: (215) 855-8713 EMAIL: bruce.matthews@gkmsoc.com EMAIL: dmsiebel@gkmsoc.com EMAIL: trends.najm@gkmsoc.com	
FIRE ALARM MONITORING VENDOR	EMS SHIELDED CABLE VENDOR	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 HFT FOR REVIEW AND APPROVAL.	
PROTECTION 1 4221 W JOHN CARPENTER FWY IRVING, TX 75063 CONTACT: STEPHANIE NYSTROM T: (214) 277-7125 EMAIL: snystrom@opt.com	WINDY CITY WIRE CONTACT: KIMBERLY DEPAOLA T: (800) 378-1191 X 2811 C: (630) 633-4811 EMAIL: kdepaula@smatwire.com		

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 RAILS
• BOLT DOWN BOLLARDS

ELECTRICAL:
• BURGLAR ALARM PANEL
• WIRE ZONE EXPANDER
• KEY PAD
• SIREN
• CEILING MOUNTED MOTION DETECTOR
• GLASSBREAK DETECTOR
• MOTION DETECTOR
• MICROWAVE DETECTOR
• EXTERIOR DOOR CONTACTS
• OVERHEAD DOOR CONTACT
• EMPLOYEE TIME CLOCK

MECHANICAL:
• DIGITAL DIFFUSERS
• 12" X 12" SQUARE PLAQUE DIFFUSERS

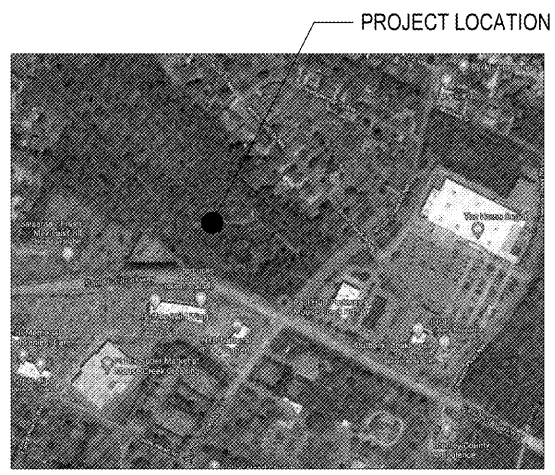
PLUMBING FIXTURES:
• DRINKING FOUNTAIN
• MOP SINK, FAUCET AND ACCESSORIES
• BREAK ROOM SINK AND FAUCET
• RESTROOM LAVATORIES AND FAUCET
• WATER HEATER AND PAN
• EXPANSION TANKS

RESTROOM ACCESSORIES:
• HAND DRYERS AND WALL GUARDS
• TOILET PAPER HOLDERS
• MIRRORS
• TOILET SEAT COVER DISPENSER

FLOOR FINISHES:
• VESTIBULE CARPET TILE

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

LIST OF DRAWINGS

SHEET NO.	DRAWING NAME	ISSUE DATE	REVISION DATE
PROJECT ORIENTATION			
A0.0	COVER SHEET	06/02/20	
SITE			
AS1.0	ARCHITECTURAL SITE PLAN	06/02/20	07/22/20
ARCHITECTURAL			
A0.2	GENERAL NOTES	06/02/20	
A0.3	CONCRETE SPECIFICATIONS	06/02/20	
A1.1	FLOOR PLAN	06/02/20	07/22/20
A1.1A	LIFE SAFETY PLAN	06/02/20	06/25/20
A1.2	FIXTURE PLAN	06/02/20	07/22/20
A1.3	FINISH PLAN	06/02/20	
A1.4	FIXTURE SPECIFICATION AND DETAILS	06/02/20	
A1.5	CONCRETE SPECIFICATION AND DETAILS	06/02/20	
A1.6	FIRE SPECIFICATION AND DETAILS	06/02/20	
A1.7	FIXTURE SPECIFICATION AND DETAILS	06/02/20	
A1.8	RACKING SPECIFICATION AND DETAILS	06/02/20	
A1.9	RACKING SPECIFICATION AND DETAILS	06/02/20	
A1.10	RACKING SPECIFICATION AND DETAILS	06/02/20	
A1.11	RACKING SPECIFICATION AND DETAILS	06/02/20	
A1.12	RACKING SPECIFICATION AND DETAILS	06/02/20	
S2.0	CEILING PLAN	06/02/20	
S2.1	ROOF PLAN	06/02/20	
A3.0	EXTERIOR ELEVATIONS	06/02/20	07/22/20
A3.1	BANNER DETAILS	06/02/20	
A3.2	EXTERIOR ELEVATION SECTIONS	06/02/20	
A3.3	WALL SECTIONS AND DETAILS	06/02/20	
A4.0	RESTROOM & CASEWORK DETAILS	06/02/20	
A4.1	WALL TYPES AND DETAILS	06/02/20	
A4.2	MISC. DETAILS	06/02/20	
A5.0	DOOR SCHEDULE AND DETAILS	06/02/20	
A5.1	ENLARGED VESTIBULE PLAN & DETAILS	06/02/20	
STRUCTURAL			
S0.0	GENERAL STRUCTURAL NOTES	06/02/20	
S0.1	CONCRETE SLAB SPECS W/ FIBER	06/02/20	
S1.0	FOUNDATION PLAN	06/02/20	
S2.0	FOUNDATION PLAN	06/02/20	
S2.1	FOUNDATION DETAILS	06/02/20	
MECHANICAL / PLUMBING			
M1.0	MECHANICAL PLAN	06/02/20	
M1.1	MECHANICAL SCHEDULES	06/02/20	
M1.2	MECHANICAL DETAILS	06/02/20	
M1.3	MECHANICAL SPECIFICATIONS	06/02/20	
P1.0	PLUMBING PLAN	06/02/20	
P1.1	PLUMBING DETAILS	06/02/20	
FIRE PROTECTION			
FP1.0	FIRE PROTECTION PLAN	06/02/20	
ELECTRICAL			
E0.1	ELECTRICAL SPECIFICATIONS	06/02/20	
E0.2	ELECTRICAL SITE PLAN	06/02/20	
E0.3	PHOTOMETRIC PLAN	06/02/20	
E1.0	POWER PLAN	06/02/20	
E1.1	LIGHTING PLAN	06/02/20	
E1.1A	ROOM LIGHTING CONTROL / DIMMING SYSTEM DETAILS	06/02/20	
E1.2	COMMUNICATIONS PLAN	06/02/20	
E1.2A	COMMUNICATIONS PLAN	06/02/20	
E2.0	ONE LINE DIAGRAM & DETAILS	06/02/20	
E2.1	LIGHTING AND PANEL SCHEDULES	06/02/20	
E2.2	PHONE BOARD DETAIL	06/02/20	
E3.0	ELECTRICAL COMPLIANCE FORMS	06/02/20	
E3.1	ELECTRICAL COMPLIANCE FORMS	06/02/20	
EMS			
EMS-1	ENERGY MANAGEMENT SYSTEM	10/10/19	
EMS-2	ENERGY MANAGEMENT SYSTEM	10/10/19	

NOTE: G.C. IS RESPONSIBLE FOR A THOROUGH REVIEW AND UNDERSTANDING OF THE GEOTECHNICAL REPORT PREPARED BY ENGINEERING AND TESTING SOLUTIONS. G.C. SHALL INCLUDE RECOMMENDATIONS AS PART OF THEIR BID PACKAGE.