

11 CONSTRUCTION - LIGHTING

- 11.1 All tenant lighting both interior and exterior is to be obtained from and supplied by American Wholesale Lighting. No exceptions. See prototype sheet A0.0 for contact information.
- 11.2 Submit completed lighting plans for review and approval to American Wholesale Lighting (Ross lighting consultant), NEAREV (Ross EMS and engineering consultant) and ROSS CONSTRUCTION MANAGER (see AETD Issue letter prepared by Ross Design Manager for names and addresses).
- 11.3 Where center exterior security lights do not exist and are not otherwise required the following shall be provided and circled from center common area panels: at a maximum 100' spacing and at side and rear doors: Lumark WPS15, 150 watt high pressure sodium wall pack or equal.
- 11.4 Full coverage common area site (circulation, parking, safety and security) lighting is required and is to be circled and controlled from common area panels. Within each category the lighting is to uniform throughout the shopping center in level and type. In no case shall the sidewalk, circulation and parking lighting in the vicinity of the dd's store be less than an average 5 foot candles with a minimum lighting level nowhere less than 3 foot candles nor be less than that in the vicinity of any other tenant.

812 CONSTRUCTION - ELECTRICAL

- 12.1 The Boston Group Fastlane Modular Wiring System is required. It is a UL listed wiring system recognized by the National Electrical Code and comprised of two separate installation packages, one purchased and installed by the G.C. (Package #1) and the second purchased and installed by Ross Store Planning Millwork Vendor (Package #2):
 - Package #1 is purchased and installed by the G.C.; it consists of two (or more, see Boston Group Site-Specific MDB Plan) Fastlane main distribution boxes (MDBS) mounted to the structure above the lighting and connected to the electrical circuits provided in the 'homerun' junction box(es). Larger format stores may have additional IG and GP circuits. The Fastlane MDBS each have a pre-wired type VC cable homerun, containing wiring conductors for connection to the 'homerun' j-box circuits. The power to all MDB ports must be verified by the G.C. to be live and correct at turnover. The G.C. must obtain and follow the Boston Group Site-Specific MDB Installation and Circuit Plan available through the ROSS CONSTRUCTION MANAGER.
 - Package #2 is purchased and installed by the Ross Store Planning Millwork Vendor and is comprised of all power poles, wiring and receptacle devices located in the millwork (checkout counters, jewelry cases and customer service counters). The Ross Millwork Vendor is responsible for making final 'plug-in' connections to the respective MDB ports. Millwork Vendor is required to obtain and follow the Boston Group Site-Specific MDB Location and Circuit Plan available through the ROSS CONSTRUCTION MANAGER.

- 12.2 Jurisdictions where the Fastlane Modular Wiring System is not permitted: In some jurisdictions the use of the Fastlane Modular Wiring System including the Modular Distribution Boxes may not be allowed to one degree or another. Projects located in those jurisdictions are to have the front-end casework installed, hard-wired and connected in place by the G.C. as permitted by the local code and in accordance with casework installation and wiring plans to be provided as guidance by the Ross Millwork Vendor. It is essential that the turnkey landlord and the architect-of-record ascertain as early as possible in the development process (in no case after the submittal of Completed Plans) whether or not the full Fastlane Modular Wiring System as described in this prototype will be permitted and if not to immediately notify the assigned ROSS CONSTRUCTION MANAGER verbally and in writing of that fact. Any delay, missed delivery and/or damage that may result from a failure to provide adequate prior notification that the Fastlane Modular Wiring System as described in this prototype will in the whole or in any part not be permitted will be the full responsibility of the turnkey landlord and the architect-of-record.

- 12.3 Not Used
- 12.4 Power panel 'LA' is to provide a minimum of eight (8) spare 120 volt, 20-amp circuits available for future use.
- 12.5 If local code requires low-voltage wiring to be in conduits above ceiling, provide minimum 3/4" conduit for all low-voltage systems including telephone, data, security, signal and paging systems (typical paging system speaker locations are shown on sheet A2.0; a site-specific plan may be obtained from the ROSS CONSTRUCTION MANAGER). Coordination required with Sensormatic (for cameras and pedestals), Ross phone and data vendors (for phones, music and speakers) and Tyco/Ross LP (for burglar alarm).
- 12.6 At each lighting panel, provide one lighting control panel (LCP) box. Where lighting panels are adjacent, one LCP box may be used.
- 12.7 Exterior lighted signs (including related exterior sign lighting) are to be controlled by Energy Management System (EMS). HVAC to be controlled by EMS and time schedules.
- 12.8 The final electrical drawings are to contain a 3/8" = 1'-0" scale plan and elevations of the electrical room showing an accurately drawn, labeled layout of all electrical devices including but not limited to main switch, transformers, electrical panels, NCR panel, telephone terminal and board, fire control panel and all equipment required by Ross Stores, such as EMS panels and security panel (see EMS and Security contacts listed on sheet A0.0). All such equipment must be in the Ross Store Electrical Room.
- 12.9 Power outlets to be Hubbell, as indicated, with gray devices for dirty power; all LP outlets are to have red devices and NCR power outlets (clean power) are to have orange devices. All cover plates are to be brushed stainless steel.
- 12.10 All electric panels to have copper buses.
- 12.11 Circuit sales floor and fitting room/ foyer lighting for three level switching, 1/3 - 2/3 - full lighting.
- 12.12 All contractors are to leave pull wires in conduits after installation of their work.
- 12.13 The Final Plans are to provide for the complete electrical connection of the HVAC and EMS controller(s) even if the circulating may not be shown in those plans. The architect-of-record and the General Contractor must insure that the mechanical, electrical and EMS scopes of work are coordinated and complete in the final documents and provided at time of bid.
- 12.14 The current rating of the main service panel, main breaker and subfeed breakers must equal or exceed the absolute interrupt current rating (root mean square symmetrical) of the utility transformer.
- 12.15 Submit completed electrical plans for review and approval to Ross lighting consultant; Ross EMS and engineering consultant; and, ROSS CONSTRUCTION MANAGER (see prototype sheet A0.0 for names and addresses).
- 12.16 Where and if the local code requires that the final electrical connection of the building signing is to be made by a state licensed electrical contractor, then it will be the responsibility of the dd's General Contractor to insure that those connections are contained in the scope of work of the licensed project Electrical Subcontractor and that the scheduling of those connections is coordinated with the Ross signing contractor and the ROSS CONSTRUCTION MANAGER (Alterations By dd's G.C.).
- 12.17 The water piping system is not to be utilized as a current ground for the electrical system or any electrical device.

13 CONSTRUCTION - AUTOMATIC SPRINKLER SYSTEM

- 13.1 Provide a complete, full coverage, monitored wet pipe sprinkler system. Sprinkler heads shall be ordinary hazard and ordinary degree temperature rated unless local jurisdiction specifically requires a higher rating. At finished spaces with ceilings at 8' 0" and higher, sprinkler heads shall be semi-recessed type with white covers; manufacturer: 'Reliable' or 'Viking'. At finished spaces with ceilings below 8' 0" heads shall be full recessed type with white covers; manufacturer: 'Reliable' or 'Viking'. At finished spaces sprinkler heads are to be located in the centers of modular tiles and centered uniformly and symmetrically in spaces with grid ceiling unless otherwise given prior approval by the ROSS CONSTRUCTION MANAGER. Provide flow switches on risers and shutoff switches on all control valves, including the PIV. Provide conduit from PIV valve to control panel in building riser room and tamper switch wire. Insure sprinkler system design takes into account ceiling layout and spacing compactor. Meet all jurisdictional requirements. The completed plan submittal is to include a complete Sprinkler Plan Drawings for review and approval. At project turnover deliver two sets of complete and final built drawings with calculations to the ROSS CONSTRUCTION MANAGER.

- The providing smoke coverage for the Ross tenant space is to be separate and independent of other areas of the building. In a vertical application, is to be located in the Processing Room, see A1.0, no exceptions.

14 CONSTRUCTION - FIRE ALARM SYSTEM

- 14.1 Furnish and install a complete, fully operational electrically supervised, closed circuit fire alarm system including conduit, wires, boxes, control panel, smoke detectors, duct smoke detectors, fire alarm annunciator with remote keypad, heat detectors, manual pull stations, audio/visual signal devices, and sprinkler water flow and supervisory switches. The sprinkler switches shall be provided under work specified in the project engineering specification, and connected to the fire alarm system by the fire alarm supplier. Meet and comply with all jurisdictional requirements.
- 14.2 All equipment comprising the fire alarm system shall be listed, labeled or approved by Underwriters Laboratories, Inc. for use as fire alarm equipment.

- 14.3 System is to be compatible with Tyco monitoring interface and capable of being monitored by Tyco Security Systems, Inc.
- 14.4 Ross has a national account with Tyco. Questions about the Tyco monitoring interface and compatibility can be addressed to Tyco technical contact or Ross LP contact see sheet A0.0
- 14.5 The system fire control panel is to be Bosch FDP-7024, no exceptions. Fire control panel shop drawings are required and must be submitted to the ROSS CONSTRUCTION MANAGER.
- 14.6 Provide with each duct smoke detector one Remote Indicator/Test Switch, one set of sampling tubes, and one End-of-Line power supervision relay.
- 14.7 Provide End-of-Line power supervision relay for each zone of smoke detectors.
- 14.8 Conceal all wiring except in area where other conduit and piping are exposed.
- 14.9 Code and identify all conductors appropriately and permanently by number and color for the purpose of identification and servicing of the system within the control panel and at each point of termination outside of the control panel.
- 14.10 The fire alarm control panel is to be mounted where shown in the approved Final Plans. A dedicated 120vac, 10 amp circled outlet, red device color, is to be provided at the location of the fire alarm control panel and so permanently identified on the outlet cover plate. Schedule and coordinate system connection to two dedicated telephone lines (line 5 primary; line 2 secondary) through the assigned ROSS CONSTRUCTION MANAGER
- 14.11 The remote keypad/annunciator is to be mounted adjacent to the security keypad near the store entry unless required to be mounted elsewhere by local code and authority having jurisdiction.
- 14.12 At an appropriate time scheduled prior to turnover, the fire alarm system supplier-installer is to contact Tyco Integrated Security to make the final connection and commence fire alarm system monitoring. (See A0.0 for contact info) Turnover is not complete without commencement of system monitoring.
- 14.13 The fire alarm system supplier/installer is to pre-program the control panel as a fully operational local system and must leave in a sleeved binder attached to the panel all programming keys, codes manuals and other devices necessary for future re-programming together with supplier-installer's contact name and phone number. No exceptions.
- 14.14 Submit completed electrical plans for review to Tyco Security Systems, National Accounts, Ross Stores Project Team and to ROSS CONSTRUCTION MANAGER (see prototype sheet A0.0 and the initiation letter prepared by Ross Design Manager for contact names and addresses).
- 14.15 An inspected, passed, complete and fully operational monitored Fire Alarm System including complete related systems, such as telephone and power, is required for satisfactory completion of the landlord's construction obligation and for Construction Turnover to the tenant. The satisfactory completion of this requirement may necessitate early coordination and scheduling of the Ross telecommunications vendor. Initiate contact and scheduling through the assigned ROSS CONSTRUCTION MANAGER.

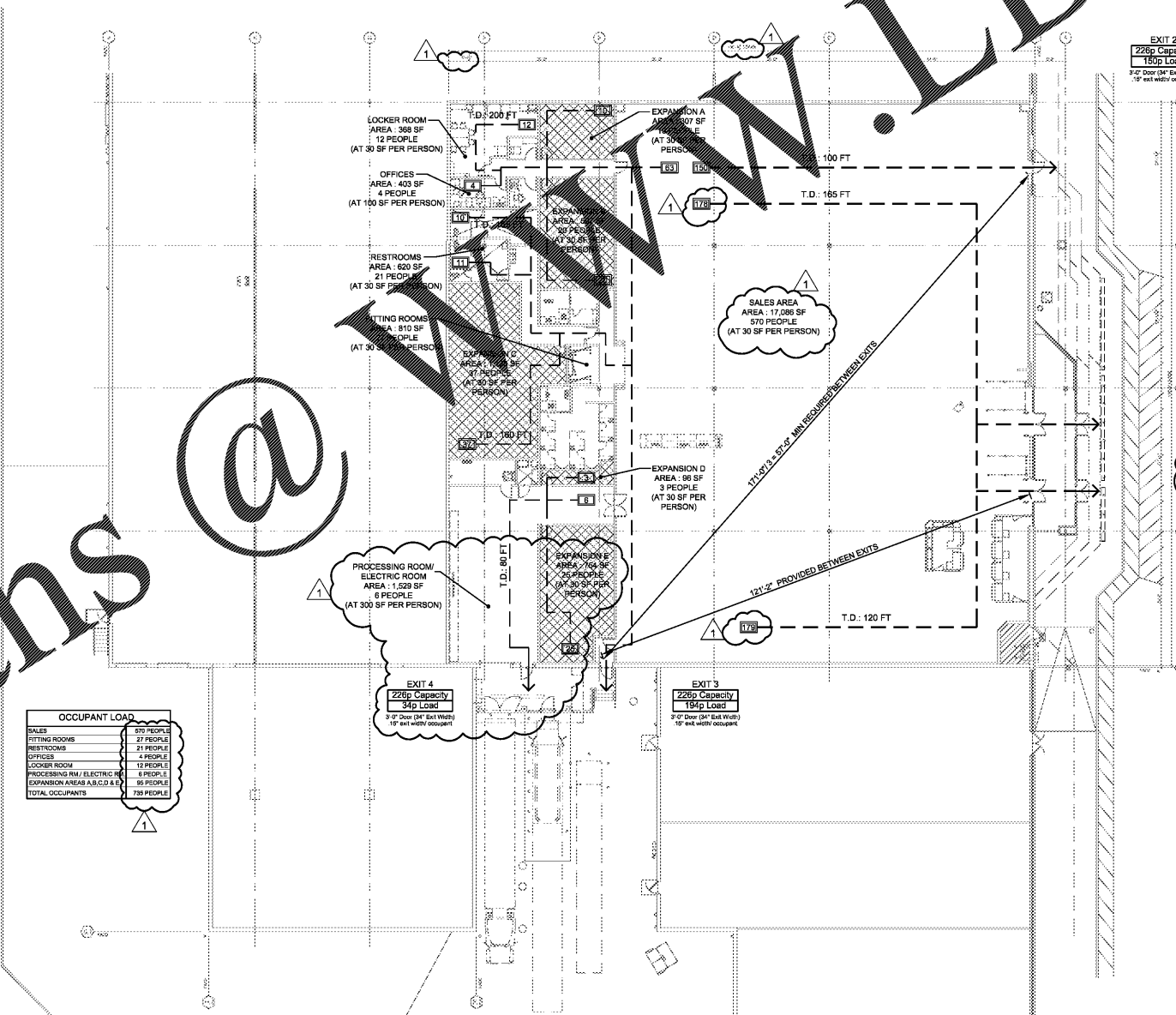
15 CONSTRUCTION - HVAC SYSTEM

- 15.1 Ross Dress For Less has a national account agreement with Lennox Industries to supply HVAC products for all locations. No substitutions or exceptions (see prototype sheet A0.0 for Lennox contact information).
- 15.2 See Ross prototype sheets M1.0 and M2.0 for design layout and checklist.
- 15.3 Submit completed mechanical plans with complete calculations for review to Ross EMS and engineer consultant and to ROSS CONSTRUCTION MANAGER (see prototype sheet A0.0 and the initiation letter prepared by Ross Design Manager for contact names and addresses).
- 15.4 Replace all mechanical system filters with new 2" pleated filters at the time of store delivery.
- 15.5 Condensation drains to be piped to the nearest roof drain. All condensate and gas piping to be installed using miro pipe support system or equal with membrane pad under each. Condensate lines to be PVC unless required to be copper. Paint gas lines with rust inhibiting safety yellow paint.

16 CONSTRUCTION - TELEPHONE/DATA

- 16.1 Ross requires an independent and secure telephone and data service with the MPOE (point of entry) at the Ross Telephone Board located in the Ross electrical room. No exception. The satisfactory completion of this requirement may necessitate early contact and coordination with the local telephone service provider.
- 16.2 Telephone and data service will be ordered by Ross Telecommunications Representative (see prototype sheet A0.0 Ross Contacts). Service can not be established unless contractor provided and installed conduit, cable, backboard, power outlet and ground are complete and in place. Service MUST be active prior to construction turnover to tenant. The satisfactory completion of this requirement may necessitate early coordination and scheduling of the Ross telecommunications vendor. Initiate contact and scheduling through the assigned ROSS CONSTRUCTION MANAGER.

- 16.3 The GC is responsible for the installation of a direct, dedicated conduit and 25-pair cable (either by self or the service provider) from the telephone service providers system to the Ross Telephone Board; for a service ground at the board; and, for dedicated 120vac, 20amp pad outlet with power. This installation must be complete in order for telephone service to be initiated.
- 16.4 Active telephone service and EMS is necessary for the satisfactory completion of the Fire Alarm System installation (see section 14 above).
- 17 CONSTRUCTION - REFERENCE MATERIALS
- 17.1 The dd's G.C. must maintain on the job site for reference throughout the project by the ROSS CONSTRUCTION MANAGER manufacturer's labeled samples of approved exterior colors and materials together with an accurate and faithful colored rendering of the approved Final Elevation. These reference materials are to be on site within thirty (30) business days after the later to occur of (1) approval of the Final Elevation or (2) the start of construction.
- 17.2 Within thirty (30) business days following the approval of the Final Elevation the Architect of Record must submit to the ROSS CONSTRUCTION MANAGER assigned to the project an accurate and faithful colored rendering of the approved Final Elevation.



OCCUPANT LOAD	
SALES	570 PEOPLE
FITTING ROOMS	21 PEOPLE
RESTROOMS	21 PEOPLE
OFFICES	4 PEOPLE
LOCKER ROOM	12 PEOPLE
PROCESSING RM/ ELECTRIC	6 PEOPLE
EXPANSION AREA A,B,C,D,E	96 PEOPLE
TOTAL OCCUPANTS	738 PEOPLE

SUMMARY OF REQUIREMENTS	
MIN. CORRIDOR & RAMP WIDTH = 44" PER TABLE 107.2 ; 50" CORRIDOR PROVIDED	
MIN. DOOR WIDTH CLEAR = 32" PER 1008.1.1 ; 34" PROVIDED	
MEANS OF EGRESS	
EXIT ACCESS (1014)	SEE DRAWINGS
MEANS OF EGRESS SIZING (1005)	0.15 INCH PER OCCUPANT. SPRINKLERED BLDG
EXIT ACCESS DOORWAY ARRANGEMENT (1014.2.1)	SEPARATED BY 1/3 THE DIAGONAL OF THE AREA SERVED
EXIT ACCESS TRAVEL DISTANCE (TABLE 1016.1)	250 FT MAX (USE GROUP W) W/ SPRINKLERS
COMMON PATH OF TRAVEL (1014.3)	75 FT MAX
DEAD ENDS (1017.5)	20 FT MAX
MINIMUM NUMBER OF EXITS (SECTION 1015.1.1)	501 - 1,000 OCCUPANTS: 3 EXITS REQUIRED 3 PROVIDED
MAIN EXIT SHALL BE OF SUFFICIENT WIDTH TO ACCOMMODATE NOT LESS THAN 50% OF THE TOTAL OCCUPANT LOAD.	

- GENERAL NOTE:
- FIRE CONTRACTOR TO SUBMIT ALL UNDERGROUND FIRE LINE, FIRE SPRINKLER SYSTEM, AND FIRE ALARM SYSTEM PLANS TO THE FIRE DEPARTMENT FOR REVIEW & PERMITTING PRIOR TO INSTALLATION.
 - ALL FIRE EXTINGUISHERS TO BE INSTALLED IN ACCORDANCE TO NFPA CODES & STANDARDS AND BE LOCATED IN THE FIELD WITH LOCAL FIRE OFFICIAL. MUST BE WITHIN 75' OF TRAVEL DISTANCE OF ALL LOCATIONS.
 - IF THERE IS NO EXISTING KNIX BOX, A KNIX BOX IS REQUIRED. NEEDS TO BE INSTALLED PER LOCAL FIRE DEPARTMENT GUIDELINES.
 - OCCUPANT LOAD CARD REQUIRED. POSTING NEEDS TO BE COORDINATED WITH THE LOCAL FIRE DEPARTMENT.

1 EXITING FLOOR PLAN
G1.1 SCALE: 1/16" = 1'-0"

Graphic Scale
16 0 8 16 32
(In Feet)
1 Inch = 16 Feet

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dd's DISCOUNTS

OWNER:

ROSS STORES

5130 HACIENDA DRIVE
DUBLIN, CA 94568

PROJECT:

dd's DISCOUNTS
STORE #5352
(GREENVILLE, SC)

WHITE HORSE PLAZA
6119 WHITE HORSE ROAD
GREENVILLE, SC 29611

BASED ON DD'S
22K TURNKEY - EXISTING
PROTOTYPE DATED MARCH, 2018

DRAWING TITLE: GENERAL CONSTN NOTES AND EXITING FLOOR PLAN	
REV. NO.	DESCRIPTION
02/02/18	FOR ROSS REVIEW
03/17/18	ROSS MARK-UP'S

STATE OF SOUTH CAROLINA
ANTHONY CASSATA
Architect
0414

EXPIRES: 6/30/2018

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PFDA JOB: #16027

SCALE AS NOTED

DRAWN BY: CHECKED BY:

SHEET NUMBER
G1.1