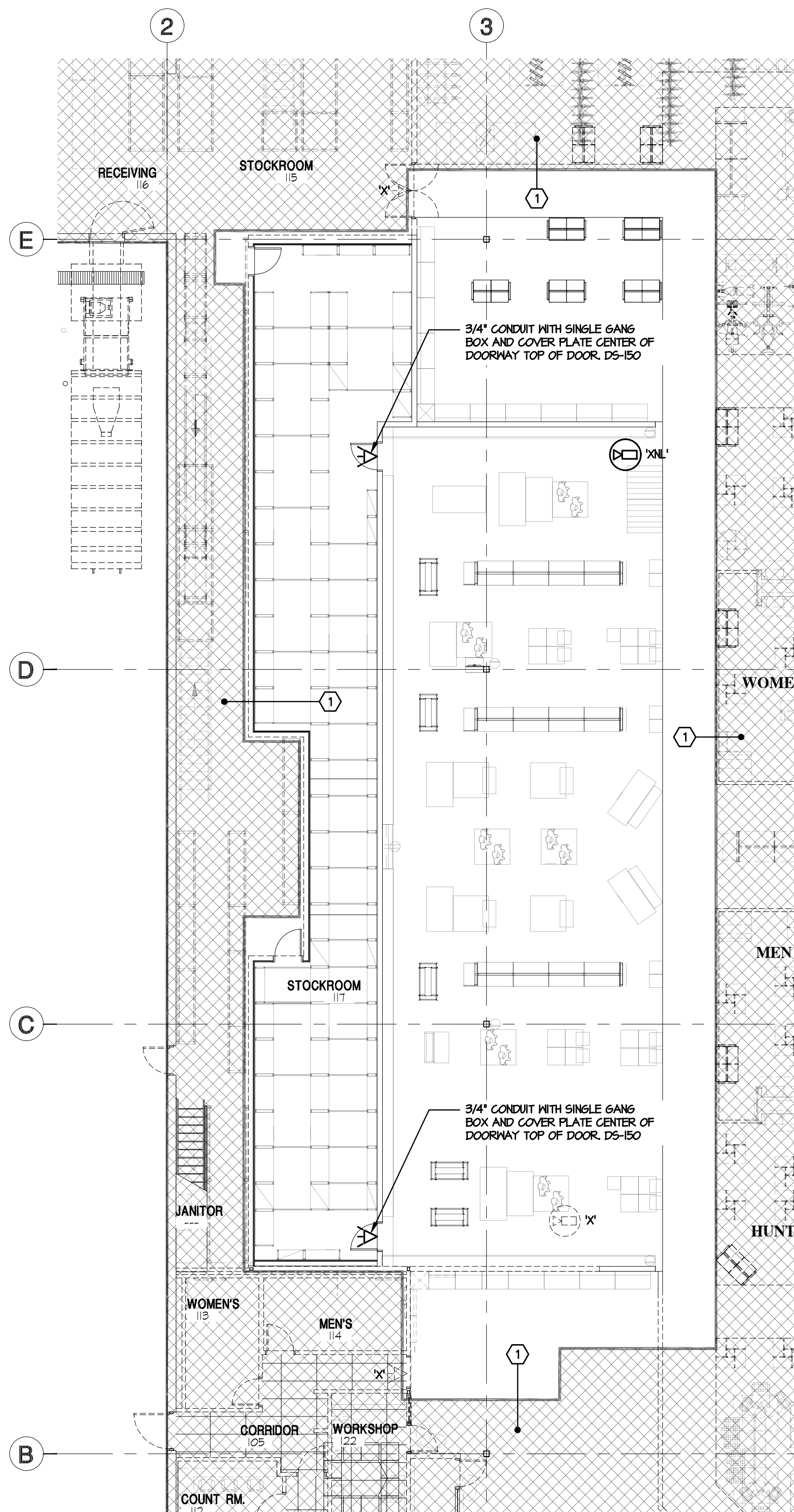
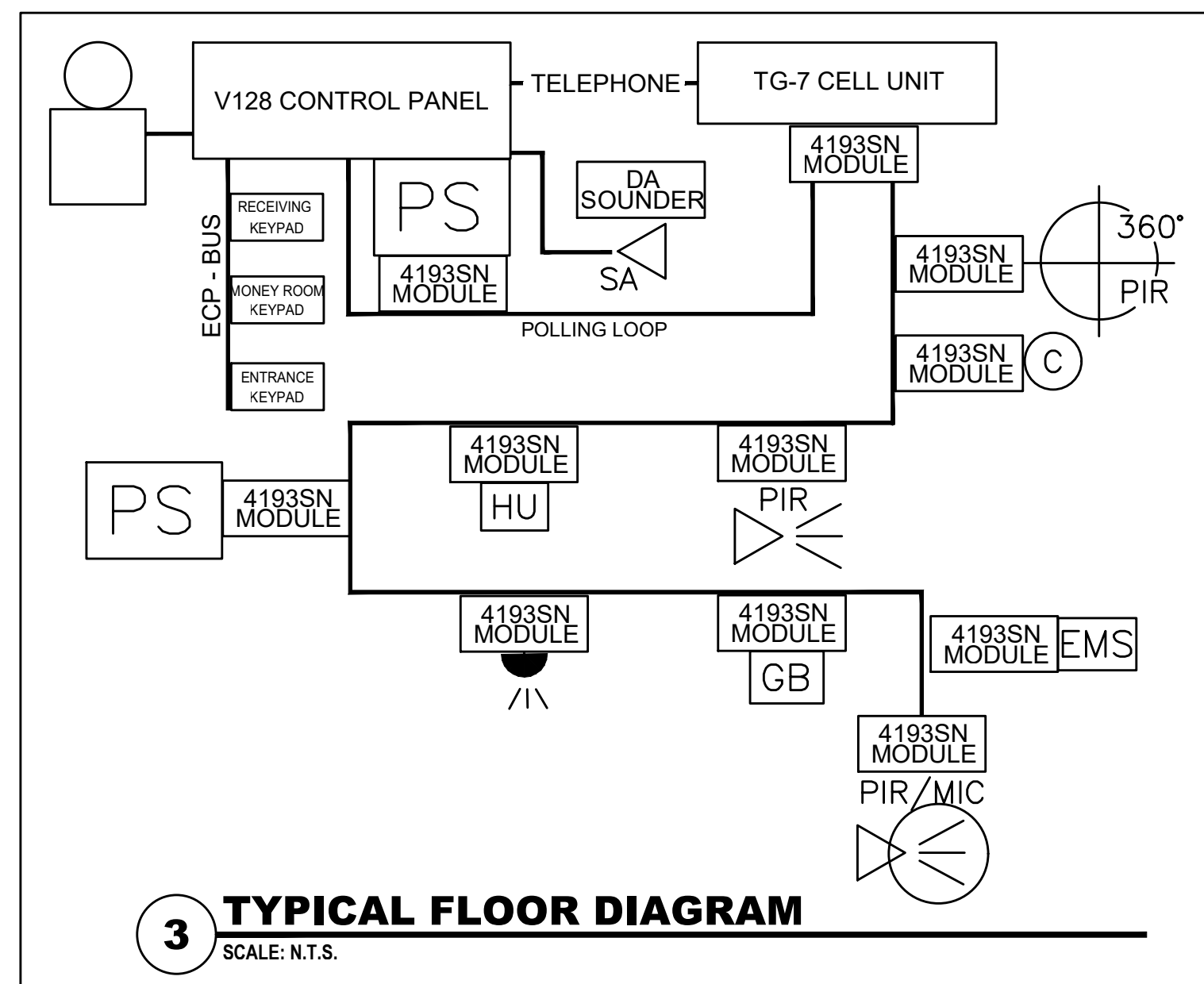


1 LOW VOLTAGE SYSTEMS PLAN
SCALE 3/32" = 1'-0"



2 SECURITY PLAN
SCALE 3/32" = 1'-0"



3 TYPICAL FLOOR DIAGRAM
SCALE: N.T.S.

COAXIAL CABLE:

- ALL COAXIAL CABLES MUST BE INSTALLED FREE OF ANY SPLICES, KINKS, SHARP BENDS, OR PINCHED IN ANY FORM.
- ALL COAXIAL CABLES IN RACK LOCATIONS MUST HAVE 19' OF SERVICE LENGTH.
- ALL COAXIAL CABLES IN RACK LOCATIONS MUST BE LABELED WITH CORRESPONDING CABLE LETTERNUMBER.
- ALL COAXIAL CABLES MUST BE INSTALLED IN WALLS AT RACK LOCATIONS OR IN APPROPRIATE FUTURE.
- IN OPEN CEILING LOCATIONS COAXIAL CABLES MUST BE INSTALLED IN PARALLEL OR PERPENDICULAR TO RED IRON OR STRUCTURE AND CONCEALED AS WELL AS POSSIBLE.
- NO COAXIAL CABLES CAN BE INSTALLED PARALLEL, WITHIN ONE FOOT, OF ANY POWER CONDUIT.

PHONE/PAGE WIRE:

- PHONE/PAGE CABLE MUST BE INSTALLED FREE OF ANY SPLICES, KINKS, SHARP BENDS, OR PINCHED IN ANY FORM.
- PHONE/PAGE CABLE MUST BE INSTALLED PARALLEL TO "RED IRON" OR STRUCTURE, AND CONCEALED AS WELL AS POSSIBLE IN OPEN CEILING AREAS.
- ALL PHONE/PAGE CABLE IN RACK LOCATION MUST HAVE 19' SERVICE LENGTH.
- ALL PHONE/PAGE CABLE MUST BE INSTALLED IN WALLS AT RACK LOCATIONS.
- ALL PHONE/PAGE CABLE MUST BE LABELED WITH CORRESPONDING CABLE LETTERNUMBER.
- NO PHONE/PAGE CABLE CAN BE INSTALLED PARALLEL, WITHIN ONE FOOT, OF ANY POWER CONDUIT.

SPEAKER CABLE:

- E.G. TO REWORK AND EXTEND EXISTING SPEAKER WIRING OR PROVIDE NEW AS REQUIRED TO ALL SPEAKERS SHOWN TO BE RELOCATED.
- ALL SPEAKER CABLES MUST BE INSTALLED FREE OF ANY KINKS, SHARP BENDS, OR PINCHED IN ANY FORM.
- ALL SPEAKER CABLES MUST BE INSTALLED PARALLEL TO "RED IRON" OR STRUCTURE, AND CONCEALED AS WELL AS POSSIBLE IN OPEN CEILING AREAS.
- ALL SPEAKER CABLES IN RACK LOCATIONS MUST HAVE 19' SERVICE LENGTH.
- ALL SPEAKER CABLES MUST BE INSTALLED IN WALL OR CONDUIT AT RACK LOCATIONS.
- ALL SPEAKER CABLES MUST BE LABELED WITH CORRESPONDING CABLE LETTERNUMBER.
- NO SPEAKER CABLE CAN BE INSTALLED PARALLEL, WITHIN ONE FOOT, OF ANY POWER CONDUIT.
- AT ALL SPEAKER LOCATIONS A FOUR FOOT INSTALLATION LOOP MUST BE LEFT FROM THE HEIGHT AT WHICH THE SPEAKER IS TO BE INSTALLED.
- AT THE END OF CABLE RUNS, ONLY TWO FEET OF CABLE MUST BE LEFT BELOW SPEAKER INSTALLATION HEIGHT.

ELECTRICAL NOTES:

- VENDOR #3 SHALL FURNISH AND INSTALL ALL A.V. CABLES. CABLES SHALL BE LEFT UN-TERMINATED AT RACK WITH 19' SERVICE LENGTH.
- VENDOR #3 SHALL FURNISH, INSTALL, AND TERMINATE ALL SPEAKERS.
- GO TO ACCEPT DELIVERY AND MAKE APPROPRIATE SECURE STORAGE ARRANGEMENTS FOR ALL A.V. EQUIPMENT.

DEMOLITION SYMBOLS:

- "X" = INDICATES EXISTING DEVICE TO REMAIN.
- "XR" = INDICATES EXISTING DEVICE TO BE REMOVED, INCLUDING ALL CONDUIT AND WIRING BACK TO PANEL OR POINT OF COMMON USAGE.
- "XRL" = INDICATES EXISTING DEVICE TO BE REMOVED AND RELOCATED, EXTEND EXISTING WIRING AND RENEW WITH LIKE KIND OR AS SHOWN ON DRAWINGS. CORRESPONDS WITH "XR".
- "XNL" = INDICATES NEW LOCATION OF RELOCATED EQUIPMENT. CORRESPONDS WITH "XRL".
- "XR&X" = INDICATES EXISTING DEVICE TO BE REWORKED. REWORK AS SHOWN OR REPLACE EXISTING DEVICE WITH NEW AND REHIREAS INDICATED.
- "XR&D" = INDICATES EXISTING DEVICE TO BE DISCONNECTED AND ALL CONDUIT AND WIRING TO BE REMOVED.
- CTX = INDICATES CONNECT TO EXISTING CIRCUITS).

TELEPHONE GENERAL NOTES:

- MOUNT ALL WALL PHONES AT 48" AFF, UNLESS OTHERWISE NOTED.
- REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- ALL DATA CABLEING SHALL BE WIRED FROM THE MDF OR IDF TO THE END POINT BY VENDOR #3. VENDOR #3 SHALL PROVIDE THE DATA CABLEING.
- VENDOR LIST:
TELEPHONE/DATA - VENDOR #3
PAGING/AUDIO/VISUAL - VENDOR #5
SECURITY - VENDOR #4
BUILDING MANAGEMENT - VENDOR #8
- SURFACE MOUNTING OF LOW VOLTAGE WIRING IS PROHIBITED. ALL WIRING TO BE IN CONDUIT AND CONCEALED IN WALLS. EXPOSED WIRING MAY BE RUN ABOVE CEILINGS AND IN JOIST SPACE.
- 3/4"X WITH 4" BY 4" J-BOX WITH SINGLE GANG MUD RING AT EACH DATA LOCATION SHOWN. (TYPICAL OFFICE AREA AND SERVICE COUNTERS)
- ALL CONDUITS FOR LOW VOLTAGE WIRING SHALL BE PROVIDED WITH BUSHINGS AND PULL STRINGS.

SECURITY GENERAL NOTES:

- THE FOLLOWING GENERAL GUIDELINES SHALL BE FOLLOWED FOR WIRING INSTALLATION.
a. WIRING SHALL BE APPROPRIATELY COLOR-CODED WITH PERMANENT WIRE MARKERS. COPPER CONDUCTORS SHALL BE USED.
b. ALL CABLES, WIRING SUBJECT TO MECHANICAL DAMAGE, WIRING SHALL BE ENCLOSED IN METAL CONDUIT OR SURFACE METALLIC RACEWAY. (CHECK LOCAL CODES AND/OR ARI AUTHORITIES FOR LOCAL REQUIREMENTS.)
c. WIRE SIZE FOR FIRE INITIATING DEVICE CIRCUITS SHALL NOT BE SMALLER THAN 16 AWG SOLID, 14 AWG FOR SIGNALING LINE CIRCUITS (SLC).
d. 10C OR SLC WIRES SHALL NOT BE ENCLOSED IN CONDUIT OR RACEWAYS CONTAINING "AC" WIRES. INSIDE CONTROL PANEL, "AC" WIRES MUST BE APPROPRIATELY SEPARATED.
e. WHERE EM MAY INTERFERE WITH THE PROPER OPERATION OF THE INITIATING CIRCUITS, TESTED/SHIELDED CABLE SHALL BE USED.
- FINAL LOCATION FOR CAMERAS SHALL BE VERIFIED BY LOSS PREVENTION DISTRICT MANAGER HOWARD DAAGLIA (410) 768-6066.
- E.G. SHALL PROVIDE 3/4"X WITH PULL WIRE FROM EACH SECURITY DEVICE TO ABOVE ACCESSIBLE CEILING. IF DEVICE IS LOCATED IN AN AREA WITHOUT CEILING, THIS E.G. SHALL STUB UP 3/4"X TO STRUCTURAL JOIST. ALL SECURITY WIRING SHALL BE PROVIDED AND INSTALLED BY SECURITY VENDOR #2. ALL WORK SHALL BE COORDINATED WITH SECURITY VENDOR PRIOR TO ROUGH-IN. TYPICAL THIS DRAWING.
- SURFACE MOUNTING OF SECURITY SYSTEM WIRING IS PROHIBITED. ALL WIRING TO BE IN CONDUIT AND CONCEALED IN WALLS. EXPOSED WIRING MAY BE RUN ABOVE CEILINGS AND IN JOIST SPACE.

NOTE:

E.G. SHALL PROVIDE 3/4"X CONDUIT (WITH PULL WIRE) FROM EACH SECURITY DEVICE TO ABOVE ACCESSIBLE CEILING. IF DEVICE IS LOCATED IN AN AREA WITHOUT CEILING, THE E.G. SHALL STUB UP 3/4"X CONDUIT TO STRUCTURAL JOIST. ALL SECURITY WIRING SHALL BE PROVIDED AND INSTALLED BY SECURITY VENDOR #2. ALL WORK SHALL BE COORDINATED WITH SECURITY VENDOR PRIOR TO ROUGH-IN. TYPICAL THIS DRAWING.

CCTV INSTALLATION NOTES:

- CONTACT PROJECT MANAGER FRANCESCA CIGLAR AT 561-494-3011 WITH ANY INSTALLATION QUESTIONS OR ISSUES.
- DOCKS DULPH MUST BE PRESENT TO VERIFY EXIT LOCATIONS PRIOR TO INSTALLATION OF CAMERAS (CAN BE DONE AFTER CABLE PULL).
- ALL PVMs AT DS6, F45 STORES ARE TO BE HUNG AT 8'0" AFF. 66X7 STORES AT 12' AFF. GO TO PROVIDE POWER AND OUTLET TO BE INSTALLED AT BACK OF PVM.
- PENDANT, PIPE AND MOUNTS FOR ALL PVMs TO BE PAINTED FLAT BLACK.
- ALL PENDANT MOUNTED CAMERAS ARE TO BE HUNG AT 12' AFF.
- PENDANT, PIPE AND MOUNTS FOR PENDANT MOUNTED CAMERAS WILL BE PAINTED THE COLOR OF THE CEILING - CHECK WITH THE SITE SUPER OR TYGO PM TO CONFIRM COLOR.
- ALLOW 25' OF BLACK AT EACH CAMERA.

FIRE ALARM NOTES:

- THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE DESIGN, RELOCATE EXISTING AND FURNISH AND INSTALL ALL NEW FIRE ALARM SYSTEM DEVICES REQUIRED TO MODIFY THE EXISTING FIRE ALARM SYSTEM AS REQUIRED FOR THE NEW FOOTWEAR AND FOOTWEAR STOCK ROOM LAYOUTS SHOWN ON PLANS. PROVIDE ALL SHOP DRAWINGS AND OBTAIN ALL APPROVALS REQUIRED FROM THE ARI.
- ELECTRICAL CONTRACTOR SHALL PROVIDE 3/4"X (WITH PULL WIRE) FROM EACH FIRE ALARM DEVICE TO ABOVE ACCESSIBLE CEILING. IF DEVICE IS LOCATED IN AN AREA WITHOUT CEILING, THIS ELECTRICAL CONTRACTOR SHALL STUB UP 3/4"X TO STRUCTURAL JOIST. ALL FIRE ALARM WIRING SHALL BE PROVIDED AND INSTALLED BY FIRE ALARM INSTALLER.
- ELECTRICAL CONTRACTOR SHALL MAINTAIN ALL FACILITIES FOR THE EXISTING FIRE ALARM CONTROL PANEL AT THE TELEPHONE BACKBOARD IN THE ELECTRICAL ROOM.
- ELECTRICAL CONTRACTOR SHALL PROVIDE THE DESIGN, RELOCATE EXISTING, AND FURNISH AND INSTALL ALL NEW CARBON MONOXIDE DETECTION SYSTEM DEVICES REQUIRED TO MODIFY THE EXISTING CARBON MONOXIDE DETECTION SYSTEM AS REQUIRED FOR THE NEW FOOTWEAR AND FOOTWEAR STOCK ROOM LAYOUTS SHOWN ON PLANS. PROVIDE ALL SHOP DRAWINGS AND OBTAIN ALL APPROVALS REQUIRED FROM THE ARI.

NOTE:

THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ELECTRICAL CONDUIT ROUGH-ING FOR ALL FIRE ALARM DEVICES PER NOTE 'B' UNDER FIRE ALARM NOTES.

CODED NOTES:

- ALL EXISTING ELECTRICAL LOW VOLTAGE, SOUND, AND FIRE PROTECTION IN HATCHED AREA IS EXISTING TO REMAIN "X". MAINTAIN ALL EXISTING CONTROLS AND RELATED WIRING BACK TO PANELS OR POINT OF COMMON USAGE.

NOTE:
VENDOR #2 TO COORDINATE ALL DEVICE LOCATIONS PRIOR TO ELECTRICAL CONTRACTOR INSTALLING CONDUIT.

NOTE:
VENDOR #3 TO COORDINATE ALL PHONE LOCATIONS PRIOR TO ELECTRICAL CONTRACTOR INSTALLING CONDUIT.

BA LEGEND

2	↖	CURTAIN MOTION
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CONTRACTOR MUST VERIFY ALL CLEARANCES AND DIMENSIONS IN FIELD

DESIGNER STATEMENT

I hereby certify that the design of this building complies with the mechanical systems, service systems and equipment requirements of the 2018 North Carolina State Building Code & Energy Conservation Code.

Signed _____
Date _____

Mottery & Associates Incorporated

Mc&A
Consulting Engineers est. 1960
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Warrensville Heights, Ohio 44128
Phone: 216-292-4696
Fax: 216-292-6074
Email: m&a@motteryassociates.com
North Carolina Certificate Number: C-0885

MICHAEL CRISLIP
ARCHITECT
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SELF-DEVELOPED STORES
All work, materials, and systems shown on these plans and specifications, including but not limited to, shall be provided by the contractor. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities.

DICK'S SPORTING GOODS
3800 GALLERIA DRIVE
GREENVILLE, NC 27634
STORE #1008

Project No.: 24.0122
Drawn By: NA
Date: 04-19-24
Issue: BID/ PERMIT

E2.0

LOW VOLTAGE AND SECURITY PLANS