


SYMBOL LIST	
----	CONDUIT RUN IN OR BELOW FLOOR SLABS - MAINTAIN 2" MINIMUM CONCRETE COVER ABOVE CONDUIT
	CEILING OUTLET BOX AND FLUORESCENT LIGHTING FIXTURE
	INDUSTRIAL OR STRIP FLUORESCENT LIGHTING FIXTURE INDICATES 15" - EMERGENCY BATTERY PACK REQUIRED
	CEILING OUTLET BOX AND FLUORESCENT LIGHTING FIXTURE WITH 15" - EMERGENCY BATTERY PACK REQUIRED
	EMERGENCY LIGHTING FIXTURE, INTEGRAL BATTERY
	EXIT LIGHT FIXTURE
	EXIT LIGHT FIXTURE, WALL MOUNTED
	WALL OUTLET BOX AND 20 AMP DUPLEX RECEPTACLE. MOUNT 18" AFF. UNLESS NOTED. COLOR OF RECEPTACLE SHALL BE WHITE WITH WHITE COVER PLATE
 TV" indicates ceiling mounted television receptacle. "VCR" indicates wall mounted VCR receptacle. "IS" indicates isolated ground receptacle - ORANGE IN COLOR. "15" indicates ground fault interrupting receptacle. "YES" indicates weatherproof GFI receptacle.	
	TWO GANG WALL OUTLET BOX AND 20 AMP TWO DUPLEX RECEPTACLES
	SPECIALTY TYPE SIMPLEX RECEPTACLE, 15 AMPERE, MOUNT AS INDICATED, HUBBELL 5235
	TELEPHONE LINE WALL OUTLET BOX AND PLATE WITH MINIMUM 3/4" CONDUIT TO ABOVE ACCESSIBLE FINISHED CEILING. PROVIDE PULL CORD. ANALOG LINE
	DATA CABLE LOCATION
	PULL BOX, FLUSH MOUNTED OR ABOVE CEILING, UNLESS OTHERWISE NOTED. SIZE AS REQUIRED.
	EQUIPMENT CONNECTION WITH DESIGNATION FROM ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
	LOCATION OF ONE OR MORE EQUIPMENT CONTROL DEVICES AS SCHEDULED ON ELECTRIC EQUIPMENT AND CONTROL SCHEDULE. NUMBER REFERS TO EQUIPMENT CONTROLLED
	NON FUSED DISCONNECT SWITCH, VOLTAGE TO MATCH EQUIPMENT SERVED.
	FUSED DISCONNECT SWITCH, VOLTAGE RATINGS TO MATCH EQUIPMENT SERVED.
	EDWARD'S #600 - 48V BRASS WEATHERPROOF PUSH BUTTON E.G. TO INSTALL AND WIRE AT BACKDOOR.
	EDWARD'S #340-465 - 24V AC 4" BELL WITH 120V AC / 24V AC TRANSFORMER. E.G. TO INSTALL AND WIRE AT BACKDOOR.
	SPECIAL PURPOSE RECEPTACLE AS REQUIRED. VERIFY EXACT LOCATION IN FIELD WITH DICK'S REPRESENTATIVE.
	POWER CONNECTION TO LOCAL DOOR ALARM
	(2) DUPLEX RECEPTACLE OUTLETS, WITH FLUSH SQUARE 2 GANG CAST IRON FLOOR BOX. PROVIDE BRASS COVER PLATE - HUBBELL OR EQUAL
	TEMPERATURE SENSOR
	THERMOSTAT - PROVIDED BY MECH. CONTRACTOR, WIRED AND MOUNTED BY E.G. MTD. 4'-0" UNLESS NOTED OTHERWISE.
	REVERSE ACTING THERMOSTAT - PROVIDED BY MECH. CONTRACTOR. WIRED AND MOUNTED BY E.G. MTD. 4'-0" UNLESS NOTED OTHERWISE.
	ONE HR. TIMER SWITCH FURNISHED BY MECH. CONTRACTOR, INSTALLED AND WIRED BY E.G.
	CODED DRAWING NOTE
	DIMENSION ABOVE FINISHED FLOOR TO BOTTOM OF DEVICE
	GLOBAL HUMIDITY SENSOR
	HUMIDITY SENSOR
	COMBINED TEMPERATURE / RELATIVE HUMIDITY / CARBON DIOXIDE SENSOR
	ANTENNA LOCATION
	WIRELESS CALL BOX
	120/277V AUTOMATIC WALL SWITCH WITH OCCUPANCY SENSING AND TIMED SHUT OFF. MATT STOPPER MODEL #M4-10M BY VENDOR #10
	ACCESS POINTS IN CEILING.
	ULTRASONIC CEILING MOUNT OCCUPANCY SENSOR - MATT STOPPER #M500A OR EQUAL. (FOR USE WITH MATT STOPPER #BZ-50 POWER PACK). BY VENDOR #10
	INFRARED CEILING MOUNT OCCUPANCY SENSOR - MATT STOPPER #M500A/B-L3 OR EQUAL. BI-DIRECTIONAL. BY VENDOR #10
	EDWARD'S #642, 120V, PUSH BUTTON BY E.G. FOR FRONT OF STORE.
	VIKING SR-1, 120V AC/13.8V AC 1.25A, WITH MODEL 25AE. BY E.G. FOR RETAIL FLOOR AND OFFICE SUITE.
	FLUSH SINGLE GANG CAST IRON FLOOR BOX FOR DATA / TELEPHONE CABLING. PROVIDE BRASS COVER PLATE - HUBBELL OR EQUAL
	CORD REEL WITH HUBBELL 5641 VELK CONNECTOR, WHITE WITH WHITE CORD. SIMILAR TO HUBBELL #HLC2523C (25 12/3 SJT CABLE, RATED 20 AMPS) PROVIDED BY VENDOR #10
	DUAL CHAMBER POWER POLE WITH OUTLETS SHOWN ON PLANS, FOR POWER AND DATAPHONE DROP TO EQUIPMENT. PROVIDE LENGTH AS REQUIRED. HUBBELL OR EQUAL. PAINT TO MATCH SURROUNDING SURFACES. COORDINATE WITH ARCHITECT.

GENERAL NOTES:

- NO DUCTWORK OR PIPING TO BE RUN ABOVE ELECTRICAL PANELS. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL TRADES FOR EQUIPMENT LAYOUTS PRIOR TO ROUGH-IN OF ALL SYSTEMS.
- DEVICES IN THE FLOOR ARE NOT TO BE SCALED FROM THESE DRAWINGS. LOCATIONS SHALL BE VERIFIED WITH THE DICKS ON SITE REPRESENTATIVE AND OR DIMENSIONS TAKEN IN THE FIELD.
- ELECTRICAL CONTRACTOR TO CONFIRM ALL REQUIREMENTS AND LOCATIONS OF ALL EXIT SIGNS, EMERGENCY LIGHTS AND FIRE ALARM DEVICES WITH LOCAL FIRE AUTHORITIES PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR TO CONFIRM LOCATIONS OF ALL ELECTRICAL DEVICES WITH FIXTURING LOCATIONS PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR TO VERIFY ALL EQUIPMENT ELECTRICAL CHARACTERISTIC PRIOR TO ROUGH-IN.
- VENDOR FOR ALL LIGHTING FIXTURES IS VENDOR #10.
- CONDUIT ROUTING IS SHOWN ON DRAWINGS IN APPROXIMATE LOCATIONS UNLESS DIMENSIONED. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE CONCEALED. WHERE SHOWN EXPOSED, CONCEAL IN WALLS AT MAXIMUM HEIGHT POSSIBLE FOR RUNS TO FLUSH DEVICE BOXES.
- NO ELECTRICAL ROUGH-IN BOXES ARE PERMITTED ON WALL GRAPHICS.
- CONTRACTORS BIDDING THIS PROJECT SHALL HAVE PRIOR EXPERIENCE WORKING IN THIS JURISDICTION AND MUST LIST ON BID FORM ANY LOCAL REQUIREMENTS THAT ARE NOT SHOWN ON THE DRAWINGS. SUBMISSION OF A BID SHALL BE EVIDENCE THAT THE CONTRACTOR'S BID INCLUDES ALL JURISDICTIONAL REQUIREMENTS.

BRANCH CIRCUITING GENERAL NOTES:

- ON 20 AMP, 1 POLE CIRCUITS, HOMERUNS SHALL BE 2 #12 ANS + #12 GND IN 3/4" CONDUIT MINIMUM (INCLUDE ADDITIONAL ISOLATED GROUND CONDUCTOR SIZED TO MATCH GROUND CONDUCTOR IS IDENTIFIED AS ISOLATED GROUND CIRCUIT). INCREASE WIRE SIZE AS REQUIRED PER VOLTAGE DROP TABLE ON THIS DRAWING.
 - VOLTAGE DROPS ARE BASED ON FEEDER CONDUCTORS SIZED FOR A MAXIMUM VOLTAGE DROP OF 2% AT DESIGN LOAD. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 3% AT DESIGN LOAD.
- ALL CIRCUITS SHALL HAVE INDIVIDUAL NEUTRAL CONDUCTORS CONTINUOUS FROM PANEL. SHARED NEUTRALS ARE NOT PERMITTED.

VOLTAGE DROP SCHEDULE

120 VOLT BRANCH CIRCUITS UP TO 10 AMPS		
TOTAL WIRE LENGTH IN FEET	WIRE SIZE (AWG)	
1'	100'	#12
10'	150'	#10
50'	240'	#8
240'	360'	#6

120 VOLT BRANCH CIRCUITS UP TO 14 AMPS		
TOTAL WIRE LENGTH IN FEET	WIRE SIZE (AWG)	
1'	75'	#12
10'	125'	#10
50'	225'	#8
225'	345'	#6

277 VOLT BRANCH CIRCUITS UP TO 16 AMPS		
TOTAL WIRE LENGTH IN FEET	WIRE SIZE (AWG)	
1'	140'	#12
10'	220'	#10
220'	340'	#8
340'	540'	#6

MINIMUM LIGHTING CIRCUIT WIRING IS #12 AWG. CONTRACTOR SHALL INCREASE WIRE SIZE BASED ON SCHEDULE ABOVE.

LIGHTING FIXTURE SCHEDULE

SYMBOL	MARK	DESCRIPTION	CATALOG #	INPUT VOLTAGE	REMARKS
	S2	56L FACE EXIT WITH EMERGENCY DRIVER	ELX-603-R-H	27H	MOUNTED AT 9'-6" AFF.
	L61	4" LED STRIP	CABLVS2H6100LVDM40K	52H	
	L61EM	4" LED STRIP WITH EMERGENCY DRIVER	CABLVS2H6100LVDM40K-EM	52H	PROVIDE EMERGENCY BATTERY DRIVER

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SELF-DEVELOPED STORES
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DICK'S SPORTING GOODS
3600 GALLERIA DRIVE
GREENVILLE, NC 27684
STORE #1008

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

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. 1980

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Email: msa@motteryassociates.com
North Carolina Certificate Number: C-0085

E3.0

ELECTRICAL DETAILS, SCHEDULES & NOTES