



LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNT	VOLTAGE	LAMP QTY	LAMP WATTAGE/TYPE	MANUFACTURER	CATALOG NUMBER	NOTES
A	2'x4' LED INDIRECT FIXTURE	RECESSED	120	1	40W LED 3500K	METALUX	24 RTO-48-UNV-L835-CD	1
A1	2'x4' RECESSED LED INDIRECT FIXTURE	RECESSED GYP	120	1	40W LED 3500K	METALUX	24 RTO-48-UNV-L835-CD	1
A2	2'x4' RECESSED LED INDIRECT FIXTURE	RECESSED GYP	120	1	29W LED 3500K	METALUX	22 RTO-34-UNV-L835-CD	1
B	4' CURVED INDIRECT/DIRECT LED	SUSPENDED @ 10'-0"	120	1	30.4W LED 3500K	FOCAL POINT	FVHLS-FL70-1250LF-3SK-10UNV-XX-XX	1
C	2' WALL MOUNTED LED FIXTURE	6" ABOVE DOOR FRAME	120	1	24W LED 3500K	METALUX	2BCL-LED-L34-ZHL-UNV-L835	1
D	6" LED DOWNLIGHT, 1500 LUMEN, LENSED, WET LOCATION LISTED	RECESSED	120	1	16W LED 3500K	HALO	PE1615-D01DB-P0M6B-835-61V-H	1
F	4' STRIP FIXTURE	SURFACE	120	1	42W LED 3500K	METALUX	43NLED-42HL-LW-UNV-L835	1
R	RESTROOM UTILITY FIXTURE	RECESSED GYP	120	1	20W LED 3500K	METALUX	14 GRLED-LDS-2450-A12-125-UNV-L835	1
WX	EXTERIOR EMERGENCY EGRESS WITH INTEGRAL PHOTOCELL AND INTEGRAL BATTERY BACK-UP. FINISH PER ARCHITECT.	WALL 8'-0" AFF	120	1	10W LED	MCGRAW EDISON	1ST-AP-356-LED-EI-T3-XX	1
	EDGE LIFT EXIT SIGN, SINGLE FACE, RED LETTERING, PROVIDE WITH ARROW(S) AS SHOWN	CEILING/WALL	120		FURN WITH UNIT	SURELITES	EEX7-1-70-R-XX	1

NOTES:
1. PROVIDE WITH 90 MINUTE BATTERY BACKUP WHERE INDICATED ON DRAWINGS. LINEAR FIXTURES SHALL HAVE 600 LUMEN INVERTER. DOWNLIGHTS SHALL HAVE INTEGRAL TEST SWITCH.

GENERAL ELECTRICAL NOTES

- FOR EXACT LOCATION OF EQUIPMENT MOUNTED IN SUSPENDED CEILINGS, SUCH AS LIGHTING FIXTURES, AND SMOKE DETECTORS, SEE ARCHITECTURAL REFLECTED CEILING PLANS. ARCHITECTURAL REFLECTED PLAN SHALL GOVERN FINAL LOCATION.
- PRIOR TO ROUGH-IN, CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL WIRING DEVICES WITH ARCHITECTURAL ELEVATION TO AVOID CONFLICTS WITH CASEWORK, COUNTER TOPS, DOOR SWINGS, ETC. WHERE CONFLICTS OCCUR, CONTRACTOR SHALL CONTACT THE ARCHITECT IN WRITING FOR RESOLUTION.
- ALL MOUNTING HEIGHT DIMENSIONS ARE TO THE CENTER OF THE OUTLET BOX UNLESS OTHERWISE NOTED.
- FOR EXACT LOCATION OF ALL EXTERIOR LIGHTING FIXTURES MOUNTED ON EXTERIOR OF BUILDING, ARCHITECTURAL ELEVATIONS SHALL GOVERN.
- PRIOR TO ROUGH-IN FOR ALL LIGHTING SWITCHES, VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL PLANS.
- THE CONTRACTOR SHALL USE CARE WHEN CUTTING OPENINGS FOR OUTLET BOXES IN CMU WALLS. OUTLET BOXES SHALL BE INSTALLED IN CMU WALLS SECURELY WITH EPOXY.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING OUTLET BOX INSTALLATION WITH WALL FINISH (GYPSUM FURRING, TILE, ETC). THE CONTRACTOR SHALL PROVIDE AND INSTALL ANY EXTENSION RINGS NECESSARY TO ACCOMMODATE WALL FINISHES.
- ALIGN VERTICALLY AND HORIZONTALLY ALL LIGHT SWITCHES, THERMOSTATS, FIRE ALARM PULL STATIONS, ETC. ALL THESE ITEMS SHALL BE CLUSTERED WHERE POSSIBLE. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.
- COORDINATE MOUNTING OF ALL EXTERIOR DISCONNECT WITH ARCHITECTURAL ELEVATIONS. IF NOT INDICATED ON ARCHITECTURAL ELEVATIONS, REQUEST ELEVATIONS OF DISCONNECT SWITCHES FROM ARCHITECT IN WRITING PRIOR TO ROUGH-IN.

ABBREVIATIONS

A	— AMPERES	MCB	— MAIN CIRCUIT BREAKER
A.F.F.	— ABOVE FINISHED FLOOR	MLO	— MAIN LUG ONLY
A.F.G.	— ABOVE FINISHED GRADE	NTS	— NOT TO SCALE
BFG	— BELOW FINISHED GRADE	P	— POLE
C	— CONDUIT	PAL	— PANEL
ETR	— EXISTING TO REMAIN	SN	— SOLID NEUTRAL
F	— FUSE	U.O.N.	— UNLESS OTHERWISE NOTED
GFI	— GROUND FAULT CIRCUIT INTERRUPTING	V	— VOLTS
G	— GROUND	W	— WIRE
KVA	— KILO VOLT AMP	WP	— WEATHERPROOF
KW	— KILOWATT		

UTILITY NOTES:

- PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL HAVE ALL EXISTING UNDERGROUND UTILITIES LOCATED.

FIRE PROTECTING NOTES:

- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE STOPPING AT ALL WALL FLOOR AND CEILING PENETRATIONS WHERE CONDUIT PENETRATIONS OCCUR.
- PROVIDE FIRE STOPPING AT CONDUIT PENETRATIONS PER UL.

ELECTRICAL LEGEND

LIGHTING

[Symbol] FLUORESCENT OR LED LIGHTING FIXTURE

[Symbol] EMERGENCY LIGHTING FIXTURE AND/OR NIGHTLIGHT AS INDICATED

[Symbol] DOWNLIGHT

[Symbol] EXIT LIGHTING FIXTURE, FACE PLATES (DARKENED) AND DIRECTIONAL ARROWS AS INDICATED. PROVIDE WITH BATTERY BACKUP. CONNECT INSTEAD OF LOCAL SWITCH.

S SINGLE POLE SWITCH, 20A, 120/277 VOLT, 48" A.F.F.

S3 THREE-WAY SWITCH, 20A, 120/277 VOLT, 48" A.F.F.

SD DIMMER SWITCH, 120 VOLT, 48" A.F.F., PROVIDE WATGAGE AS REQUIRED. PROVIDE FLUORESCENT LIGHT VOLTAGE TYPE AS REQUIRED.

[Symbol] CEILING MOUNTED OCCUPANCY SENSOR, BY WAIT STOPPER OR APPROVED EQUAL. PROVIDED WITH NUMBER OF SWITCH PACKS AS REQUIRED AND ALL OTHER NECESSARY ACCESSORIES FOR PROPER INSTALLATION.

SOS WALL MOUNTED SWITCH, 20A, 120/277V, 48" AFF WITH INTEGRAL OCCUPANCY SENSOR BY WAIT STOPPER OR APPROVED EQUAL. PROVIDED WITH NUMBER OF SWITCH PACKS AS REQUIRED AND ALL OTHER NECESSARY ACCESSORIES FOR PROPER INSTALLATION.

POWER

[Symbol] DUPLEX GROUNDING TYPE RECEPTACLE, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F., U.O.N.

(2) [Symbol] DUPLEX GROUNDING TYPE RECEPTACLES IN DISTRIBUTION BOX, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F., U.O.N.

GFI DUPLEX GROUNDING TYPE RECEPTACLE, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F., U.O.N.

[Symbol] DUPLEX GROUNDING TYPE RECEPTACLE, MOUNT HORIZONTALLY 18" A.F.F., U.O.N. IN CAST OUTLET BOX WITH GASKET DEVICE COVER.

[Symbol] SPECIAL RECEPTACLE, AMPERAGE, AND VOLTAGE AS INDICATED, 18" AFF, U.O.N.

[Symbol] DUPLEX GROUNDING TYPE RECEPTACLE WITH (2) USB CONNECTIONS, 20A, 125 VOLT, NEMA 5-20R, 18" AFF, U.O.N.

[Symbol] RECEPTACLE/TELEPHONE/DATA OUTLETS, FLUSH MOUNT IN FLUSH MOUNTED FLOOR BOX WITH RUBBER OR THERMOPLASTIC CARPET COVER PLATE. PROVIDE NUMBER AND TYPE OF DEVICES PER PLANS. COORDINATE DEPTH OF FLOOR BOX WITH SLAB DEPTH. COORDINATE EXACT LOCATION WITH ARCHITECT. PROVIDE 3/4" CONDUIT WITH CONDUCTORS INDICATED FOR SERVICE TO RECEPTACLE OUTLET. PROVIDE (1) 1-1/4" CONDUIT WITH PULLWIRE FROM EACH SPECIAL SYSTEMS' OUTLET TO ABOVE NEAREST ACCESSIBLE CEILING FOR SPECIAL SYSTEM WIRING BY OTHERS.

PANELBOARD

ELECTRICAL CIRCUIT RUN IN CONDUIT AND CIRCUIT HOMERUN TO PANELBOARD (PANEL AND CIRCUIT DESIGNATION AS INDICATED), AS A MINIMUM CONDITION, EACH SINGLE PHASE CIRCUIT SHALL HAVE ONE #12 PHASE CONDUCTOR, ONE #12 NEUTRAL CONDUCTOR, AND ONE #12 GROUNDING CONDUCTOR (PLUS ONE INSULATED, ISOLATED GROUNDING CONDUCTOR WHEN SERVING ISOLATED GROUND TYPE DEVICES) IN 1/2" CONDUIT. PROVIDE ADDITIONAL PHASE CONDUCTORS AS REQUIRED FOR "MULTIPLE PHASED" ELECTRICAL LOADS. PROVIDE ADDITIONAL "SWITCH LEG" CONDUCTORS TO PROVIDE THE LIGHT FIXTURE CONTROL INDICATED. MULTIPLE SINGLE PHASE CONDUCTORS SHALL BE GROUPED TOGETHER IN A COMMON CONDUIT IN ACCORDANCE WITH THE NEC AND AT THE CONTRACTOR'S DISCRETION. MULTIPLE SINGLE PHASE CONDUCTORS SERVING ISOLATED GROUND RECEPTACLES SHALL NOT SHARE COMMON NEUTRALS. NEUTRAL AND GROUNDING CONDUCTORS SHALL BE SHARED AS ALLOWED BY THE NEC. BRANCH CIRCUIT CONDUCTORS IN CONDUIT SHALL BE RUN CONCEALED IN WALLS AND/OR ABOVE CEILINGS, IN/OR BELOW FLOORS, EXCEPT IN EXPOSED CONSTRUCTION AREAS. FLUORESCENT LIGHTING CIRCUITS SERVING SWITCHED FIXTURES WITH EMERGENCY BATTERY BACK-UP SHALL CONTAIN ONE UNSWITCHED CONDUCTOR. FLUORESCENT DIMMING CIRCUITS SERVING DIMMING BALLASTS SHALL BE PROVIDED WITH WIRING AS REQUIRED BY BALLAST MANUFACTURER. MULTIPLE PHASE LIGHTING CIRCUITS SERVING DIMMED LOADS SHALL NOT SHARE COMMON NEUTRALS.

[Symbol] JUNCTION BOX

[Symbol] DISCONNECT SWITCH, 240 OR 600 VOLTS AS REQUIRED. AMPS, POLES AND FUSING AS NOTED, NEMA 1, U.O.N.

SM MOTOR RATED SWITCH, MOUNT WITHIN SIGHT OF EQUIPMENT.

[Symbol] KEYNOTE.

SPECIAL SYSTEMS

[Symbol] TELEPHONE/DATA OUTLET 18" A.F.F., U.O.N. DOUBLE GANG BOX WITH DEVICE PLATE. PROVIDE 1" (UO.N) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING. PROVIDE WITH SINGLE GANG ADAPTER.

[Symbol] TELEVISION OUTLET 18" A.F.F., U.O.N. SINGLE GANG BOX WITH DEVICE PLATE. PROVIDE 3/4" (UO.N) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING.

[Symbol] TELEPHONE/TELEVISION BACKBOARD, 4' X 4' X 3/4" THICK EXTERIOR GRADE PLYWOOD. MOUNT VERTICALLY WITH BOTTOM OF PLYWOOD 6" A.F.F., U.O.N.

[Symbol] CARD READER. PROVIDE 3/4" CONDUIT WITH PULLWIRE TO ABOVE ACCESSIBLE CEILING. COORDINATE LOCATION WITH SYSTEM SUPPLIER.

FIRE ALARM SYSTEMS

[Symbol] FIRE ALARM PULL STATION. WALL MOUNT AT 48" A.F.F.

[Symbol] FIRE ALARM HORN/STROBE. WALL MOUNT 80" A.F.F. TO BOTTOM OF OUTLET BOX, A.F.F. OR 6" BELOW CEILING IN COMPLIANCE WITH ADA REQUIREMENTS.

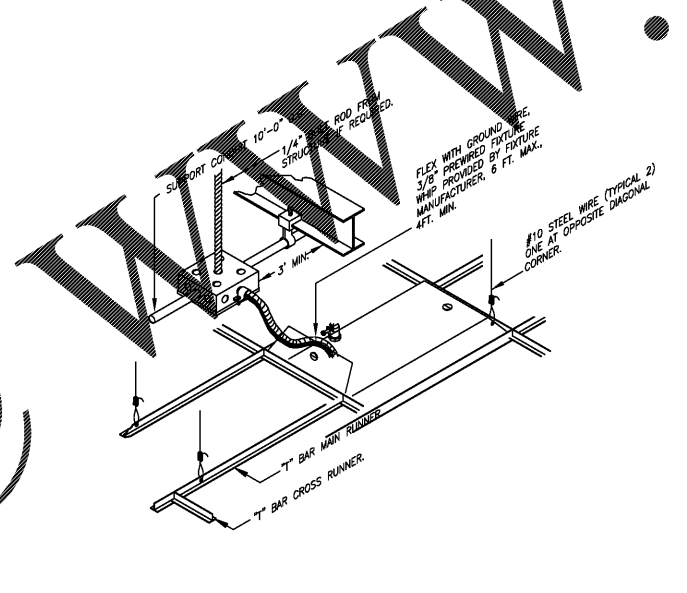
[Symbol] FIRE ALARM STROBE. WALL MOUNT 80" TO BOTTOM OF OUTLET BOX, A.F.F. OR 6" BELOW CEILING IN COMPLIANCE WITH ADA REQUIREMENTS.

[Symbol] FIRE ALARM SMOKE DETECTOR, PHOTOELECTRIC TYPE.

[Symbol] FIRE ALARM HEAT DETECTOR.

[Symbol] FIRE ALARM STROBE. CEILING MOUNT.

[Symbol] FIRE ALARM HORN/STROBE. CEILING MOUNT.



1 LAY-IN FIXTURE DETAIL
SCALE: NTS

DEVICE PLATE NOTE
ALL COVERPLATES SHALL BE NYLON WITH FINISH BY ARCHITECT.
ALL DEVICES (SWITCHES, RECEPTACLES, ETC) SHALL BE FINISH BY ARCHITECT (UO.N). FINISH OF DEVICES SHALL MATCH COVERPLATE UNLESS NOTED OTHERWISE. COORDINATE WITH ARCHITECTURAL PLANS.

Order Plans @

RELOCATED TRAINING CENTER FOR THE FLOYD COUNTY JAIL
2526 NEW CALHOUN HIGHWAY N.E. ROME, GEORGIA 30161



DATE	REVISION

PROJECT NO:
420 03 01
DATE:
JULY 17, 2018
DRAWING TITLE:
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