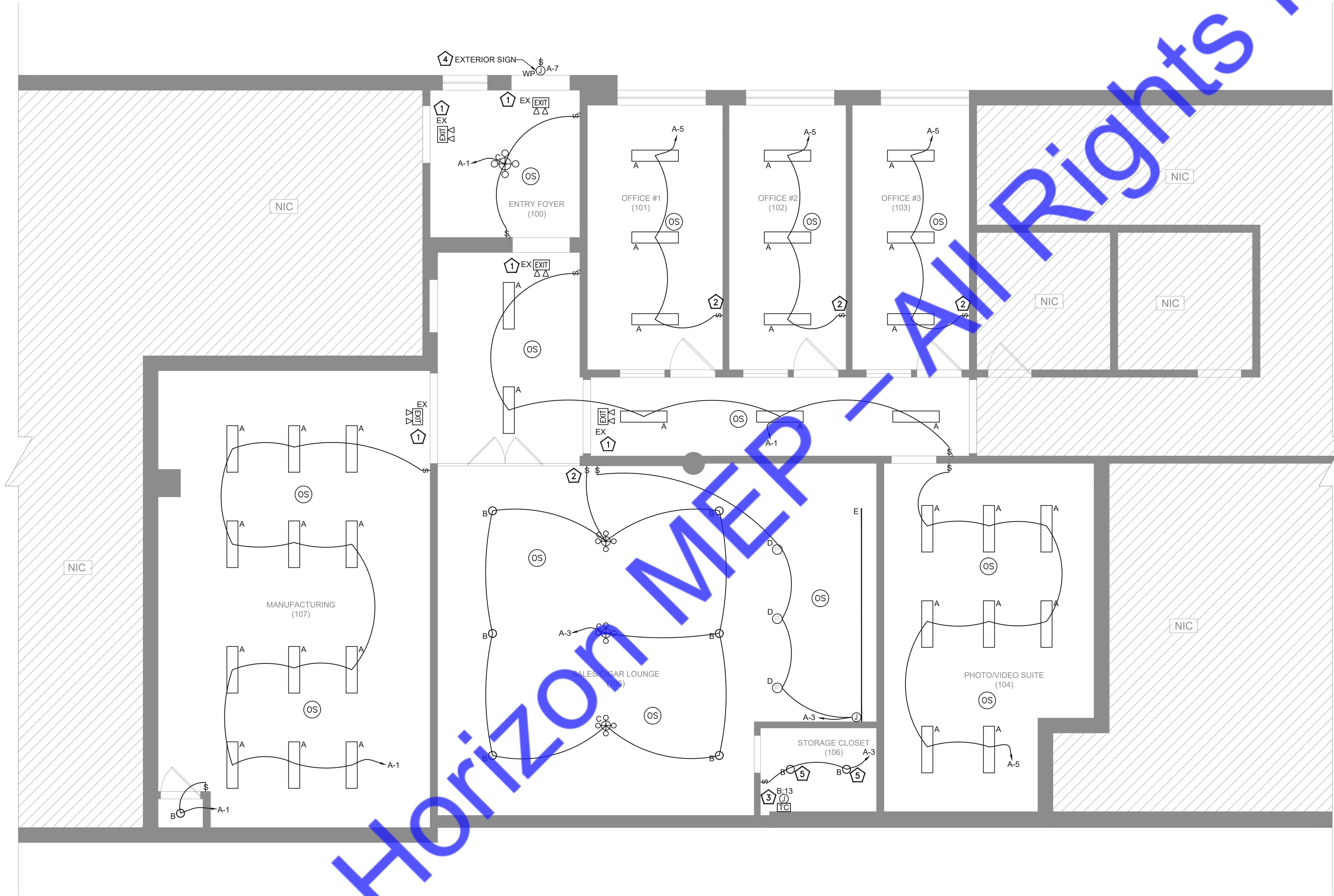


LIGHTING		POWER AND TELECOMMUNICATION		ELECTRICAL ABBREVIATIONS				GENERAL NOTES (APPLY TO ALL "E" DRAWINGS)																																																														
<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>FL/CL</div></div><div><div></div><div></div></div></div> <div>DATA OUTLET - (1) PORT UNO, +18" AFF, UNO TEL / DATA OUTLET TO BE PROVIDED WITH 1" CONDUIT U.O.N. TO H.C. AND TERMINATED WITH 90 DEGREE ELBOW AND BUSHING. TEL / DATA OUTLET PLATE SHALL BE PROVIDED WOTH 1-1/4" DIAMETER GROMMETED OPENING.</div> <div>CABLE TV OUTLET, WALL-MOUNTED.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>FL/CL</div></div><div><div></div><div></div></div></div> <div>DATA OUTLET - (1) PORT UNO, +18" AFF, UNO TEL / DATA OUTLET TO BE PROVIDED WITH 1" CONDUIT U.O.N. TO H.C. AND TERMINATED WITH 90 DEGREE ELBOW AND BUSHING. TEL / DATA OUTLET PLATE SHALL BE PROVIDED WOTH 1-1/4" DIAMETER GROMMETED OPENING.</div> <div>CABLE TV OUTLET, WALL-MOUNTED.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>FL/CL</div></div><div><div></div><div></div></div></div> <div>DATA OUTLET - (1) PORT UNO, +18" AFF, UNO TEL / DATA OUTLET TO BE PROVIDED WITH 1" CONDUIT U.O.N. TO H.C. AND TERMINATED WITH 90 DEGREE ELBOW AND BUSHING. TEL / DATA OUTLET PLATE SHALL BE PROVIDED WOTH 1-1/4" DIAMETER GROMMETED OPENING.</div> <div>CABLE TV OUTLET, WALL-MOUNTED.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>FL/CL</div></div><div><div></div><div></div></div></div> <div>DATA OUTLET - (1) PORT UNO, +18" AFF, UNO TEL / DATA OUTLET TO BE PROVIDED WITH 1" CONDUIT U.O.N. TO H.C. AND TERMINATED WITH 90 DEGREE ELBOW AND BUSHING. TEL / DATA OUTLET PLATE SHALL BE PROVIDED WOTH 1-1/4" DIAMETER GROMMETED OPENING.</div> <div>CABLE TV OUTLET, WALL-MOUNTED.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>		<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>	<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>A</div><div>P</div><div>a</div><div>2</div></div><div><div>EM</div></div></div> <div>LUMINAIRE TYPE (INDICATE BY UPPERCASE LETTER SEE LIGHTING FIXTURE SCHEDULE).</div> <div>PANEL NAME : CIRCUIT NUMBER (INDICATED BY NUMBER)</div> <div>SWITCHING INDICATED BY LOWER CASE LETTERS.</div> <div>DENOTES LUMINAIRE ON EMERGENCY CIRCUIT.</div>

d. BUSHINGS: METALLIC INSULATED TYPE

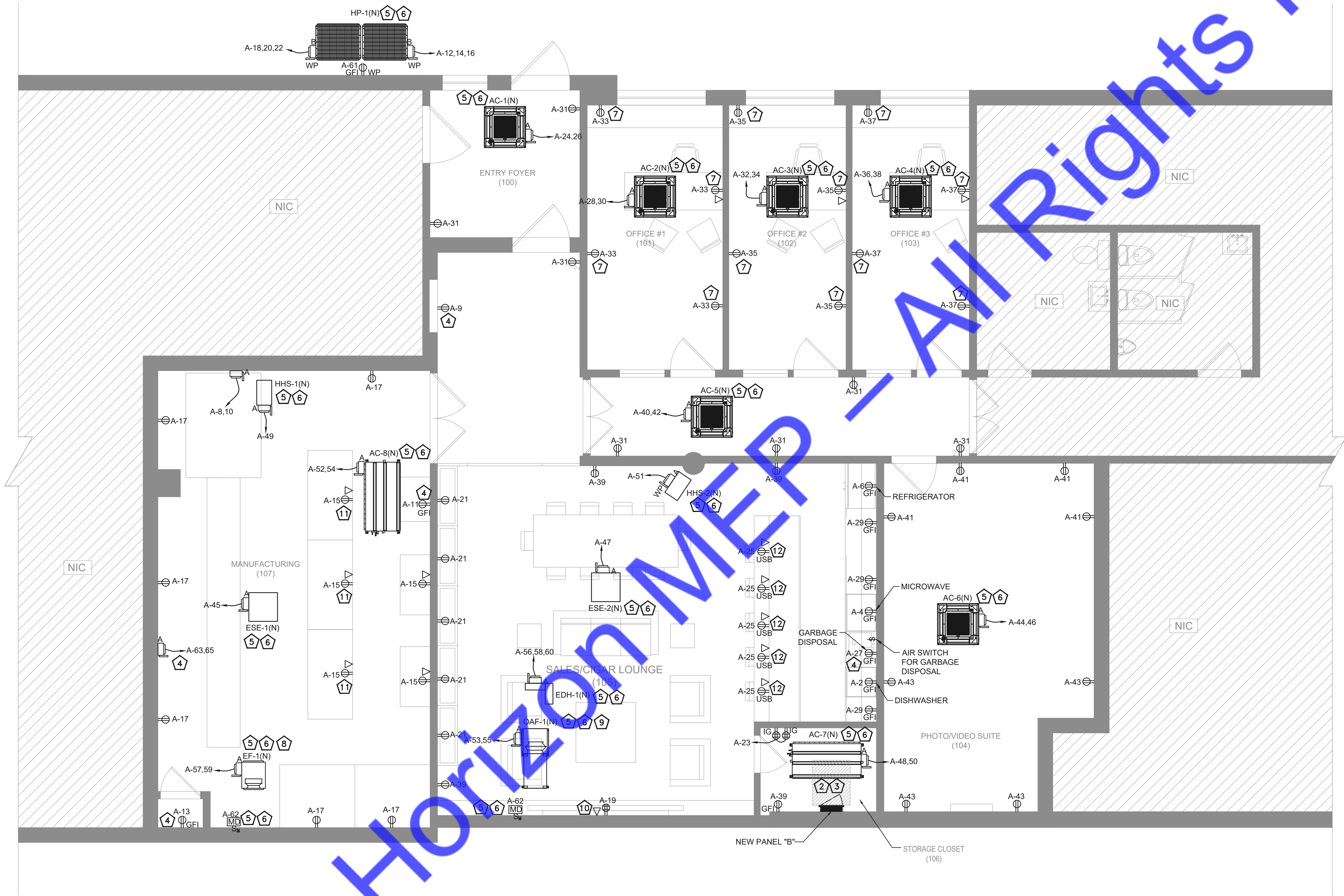


- ELECTRICAL LIGHTING PLAN KEY NOTES:**
1. CONNECT NEW EMERGENCY AND EGRESS LIGHTING FIXTURES TO THE NEAREST LIGHTING CIRCUIT AHEAD OF ALL SWITCHING AND CONTROLS PER STATE AND LOCAL CODES.
 2. COORDINATE EXACT LOCATION OF THE SWITCHES WITH OWNER/ARCHITECT.
 3. PROVIDE TIME CLOCK FOR THE BUILDING SIGNAGE. E.C SHALL COORDINATE WITH THE ARCHITECT/OWNER FOR THE EXACT LOCATION. BASE BID ACCORDINGLY.
 4. PROVIDE A DISCONNECT SWITCH AT FEEDER OR BRANCH CIRCUIT ENTERS THE SIGN PER NEC. VERIFY EXACT MOUNTING HEIGHT AND LOCATION FOR SIGNAGE POWER WITH ARCHITECTURAL ELEVATIONS, SIGN VENDOR, AND LANDLORD. ROUTE CIRCUIT TO PANEL VIA TIME CLOCK.
 5. LIGHTING NEAR ELECTRICAL PANELS SHALL NOT BE CONTROLLED BY ANY AUTOMATIC MEANS AND SHALL BE COMPILED AS PER NEC 110.26(D).
 6. INTERCONNECT EXHAUST FANS EF-1, 2, 3 & 4(N) WITH ROOM LIGHTS. E.C. TO COORDINATE WITH MECHANICAL DRAWINGS.

- NOTES:(APPLY TO ALL FIXTURES WHERE APPLICABLE)**
- A. EMERGENCY FIXTURES - ALL FIXTURES INDICATED AS EMERGENCY SHALL BE PROVIDED WITH A 90-MINUTE BATTERY PACK AND ALL FLUORESCENT FIXTURES.
 - B. VERIFY VOLTAGES - E.C SHALL VERIFY VOLTAGES ON DRAWINGS PRIOR TO ORDERING OR ANY WORK. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES IN THE VOLTAGE OF THE CIRCUITING ON THE DRAWINGS AND THE LUMINAIRE SCHEDULE PRIOR TO ANY PURCHASE OR WORK.
 - C. VERIFY LAMPING - E.C SHALL VERIFY LAMPING WITH THE MANUFACTURER PRIOR TO ORDERING AND NOTIFY THE ENGINEER OF ANY LAMPING DISCREPANCIES.
 - D. PROVIDE A COMPLETE INSTALLATION - E.C SHALL PROVIDE ALL LABOR AND MATERIAL TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM PER THE DESIGN INTENT AS DICTATED BY THE SWITCHING TYPE AND LOCATION (INCLUDING DIMMER SWITCHES AND COMPATIBLE BALLASTS OR TRANSFORMERS), CEILING TYPE AND LOCATION, CIRCUITING, VOLTAGES, AND LAMPING TYPES.

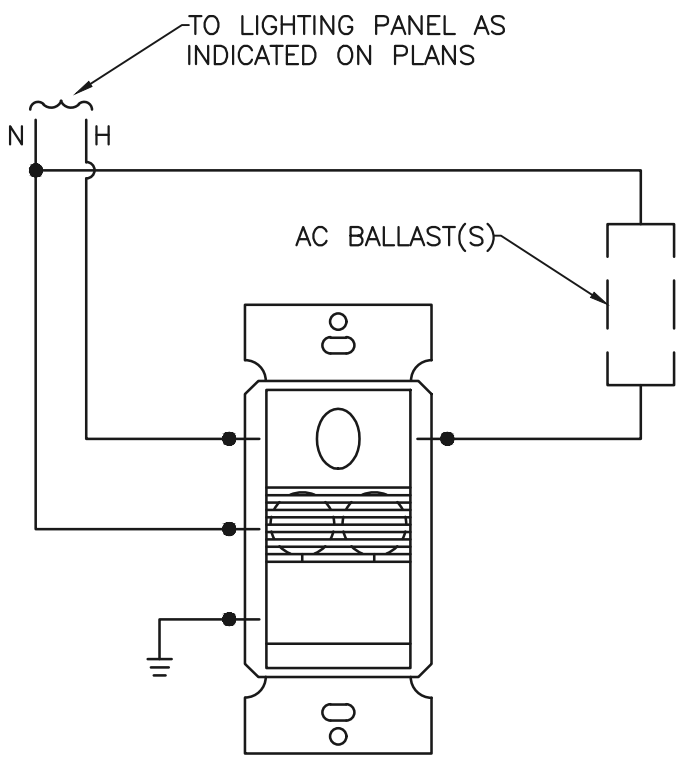
- ELECTRICAL LIGHTING PLAN GENERAL NOTES:**
- A. CONTRACTOR ARE ADVISED TO UPDATE THE EMERGENCY LIGHT FIXTURES LOCATIONS/QUANTITY PER SITE REQUIREMENT UP ON FINAL INSPECTION OR PER LOCAL AHJ REQUIREMENT. ONE FOOT CANDLE OF EMERGENCY ILLUMINATION SHALL BE PROVIDED ALONG ALL EGRESS PATHWAYS AND EMERGENCY SIGN SHALL BE INSTALLED AT ALL INTERSECTIONS, EXIT CORRIDORS, PATHWAYS AND EXIT EGRESS OPENINGS IN ACCORDANCE WITH THE IBC 1008.3.1 MEANS OF EGRESS ILLUMINATION.THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF 90MINUTES AND SHALL CONSIST OF STORAGE BATTERIES.

Fixture Type	Discription	Manufacturer	Model Number	Quantity	Fixture Wattage
A	1'x4' LIGHT FIXTURE	TBD	TBD	34	45W
B	SURFACE MOUNT CEILING LIGHT FIXTURE	TBD	TBD	9	75W
C	CHANDELIER DECORATIVE CANDELABRA LAMPS	TBD	TBD	4	150W
D	PENDANT LIGHT FIXTURE	TBD	TBD	3	75W
E	UNDER CABINET STRIP LIGHTING	TBD	TBD	15FT	2W/FT
EX	EXIT LIGHT FIXTURE WITH EMERGENCY LIGHT COMBO. W/ BATTERY BACK-UP	TBD	TBD	5	4W



- ELECTRICAL LIGHTING PLAN KEY NOTES:**
- 1 NEW 400A, 120/208V, 3-PHASE, 4-WIRE ELECTRICAL METER, THE DISCONNECT & CT CABINET FOR THE PROJECT SPACE. E.C. SHALL COORDINATE WITH UTILITY FOR CT CABINET EQUIPMENT & PROVIDE ONLY IF REQUIRED. PROVIDE PER UTILITY SPECIFICATIONS. E.C. SHALL ALSO COORDINATE WITH OWNER /LANDLORD/UTILITY COMPANY FOR LOCATION AND EQUIPMENT INSTALLATION. BASE BID ACCORDINGLY.
 - 2 NEW 400A(MCB), 120/208V, 3-PHASE, 4-WIRE ELECTRICAL PANEL "A". E.C. SHALL COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER.
 - 3 E.C. SHALL VERIFY/PERFORM THE INSTALLATION OF ELECTRICAL PANELS IN COMPLIANCE WITH NEC ARTICLE 110.26(A) AND (B). E.C. SHALL FIELD VERIFY THAT THE PANELS ARE UNOBSTRUCTED AND THE AREA WHERE THE PANELS ARE PLACED SHALL NOT BE USED AS A STORAGE SPACE.
 - 4 ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL CONNECTION TYPE AND POWER REQUIREMENT WITH EQUIPMENT & DISPLAY MANUFACTURER. REPORT ENGINEER ON RECORD FOR ANY DISCREPANCY. BASE BID ACCORDINGLY.
 - 5 ELECTRICAL CONTRACTOR SHALL COORDINATE DISCONNECT AND FUSE REQUIREMENT FOR MECHANICAL UNIT WITH MECHANICAL CONTRACTOR AND EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN AND PROVIDE AS REQUIRED. LOCATE AS REQUIRED TO MAINTAIN NEC CLEARANCES. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL CONTRACTOR FOR EXACT LOCATION OF THE MECHANICAL UNITS IN THE FIELD.
 - 6 ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION AND POWER REQUIREMENT OF THE MECHANICAL UNIT IS FIELD PROVIDE CIRCUIT AND CONTROL AS REQUIRED.
 - 7 E.C. SHALL INTERCONNECT ONE HALF OF EACH DUPLEX RECEPTACLE TO THE ASSOCIATED OCCUPANCY SENSOR OR AUTOMATIC CONTROL DEVICE. RECEPTACLES SHALL BE PERMANENTLY MARKED "CONTROLLED" IN COMPLIANCE WITH ASHRAE 90.1 REQUIREMENTS. REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD PRIOR TO BIDDING. BASE BID ACCORDINGLY.
 - 8 INTERCONNECT EF-1(N) WITH AC-7(N) & AC-8(N). REFER TO MECHANICAL DRAWINGS FOR THE MORE DETAILS.
 - 9 INTERCONNECT OAF-1(N) WITH AC-1(N) TO AC-8(N). REFER TO MECHANICAL DRAWINGS FOR THE MORE DETAILS.
 - 10 PROVIDE POWER AND DATA CONNECTIONS FOR TELEVISION AT LOCATION SHOWN. VERIFY EXACT REQUIREMENTS PRIOR TO BID. COORDINATE WITH LOCATION AND MOUNTING HEIGHT WITH ARCHITECT AND OWNER PRIOR TO BID, ROUGH-IN AND INSTALL.
 - 11 PROVIDE POWER FOR THE WORKSTATIONS. E.C. SHALL PROVIDE NECESSARY MOUNTING ARRANGEMENT FOR THE OUTLETS IN FIELD PER FIELD CONDITION. BASE BID ACCORDINGLY.
 - 12 PROVIDE USB OUTLETS BELOW THE TABLE. E.C. SHALL RUN THE ELECTRICAL CONDUITS ON THE TABLE SUPPORTS PER THE FIELD CONDITION AND MAKE NECESSARY ARRANGEMENT FOR MOUNTING PER FIELD CONDITIONS. BASE BID ACCORDINGLY.

- ELECTRICAL FLOOR POWER PLAN GENERAL NOTES:**
- A. GENERAL USE CABLING SHALL BE OF #12 AWG MINIMUM AT 120V FOR CABLE UPTO 80 FEET. FOR CABLE ABOVE 80 FEET USE #10 AWG CABLES. ADJUST WIRE SIZE FOR A MAXIMUM VOLTAGE DROP OF 3%.
 - B. CONTRACTOR TO COORDINATE WITH ARCHITECT FOR EXACT HEIGHT OF OUTLETS.
 - C. E.C. SHALL VERIFY ANY THIRD PARTY INSPECTION REQUIRED BY THE LOCAL JURISDICTION PRIOR TO BIDDING THIS PROJECT.
 - D. ALL LOW VOLTAGE WIRING TO BE IN CONDUIT U.N.O BY AHJ.
 - E. E.C. TO COORDINATE WITH MECHANICAL CONTRACTOR FOR MECHANICAL EQUIPMENTS, ITS SENSORS AND THERMOSTAT LOCATION.



OCCUPANCY SENSOR SWITCH WIRING DIAGRAM
SCALE: N.T.S.

NOTES:

1. ALL LOW VOLTAGE WIRING AND TERMINATIONS TO BE BY ELECTRICAL CONTRACTOR.
2. OCCUPANCY/VACANCY SENSOR SHALL BE "SENSOR SWITCH" WSX-PDT-SA-WH OR APPROVED EQUAL. ALL EXPOSED CONTROL WIRING SHALL BE IN CONDUIT.

AUTOMATIC MODE OPERATION

1. WHEN SENSOR ACTIVATES, LOAD TURNS ON.
2. LOAD TURNS OFF, WHEN SENSOR TIMES OUT.

RECOMMENDED WIRE

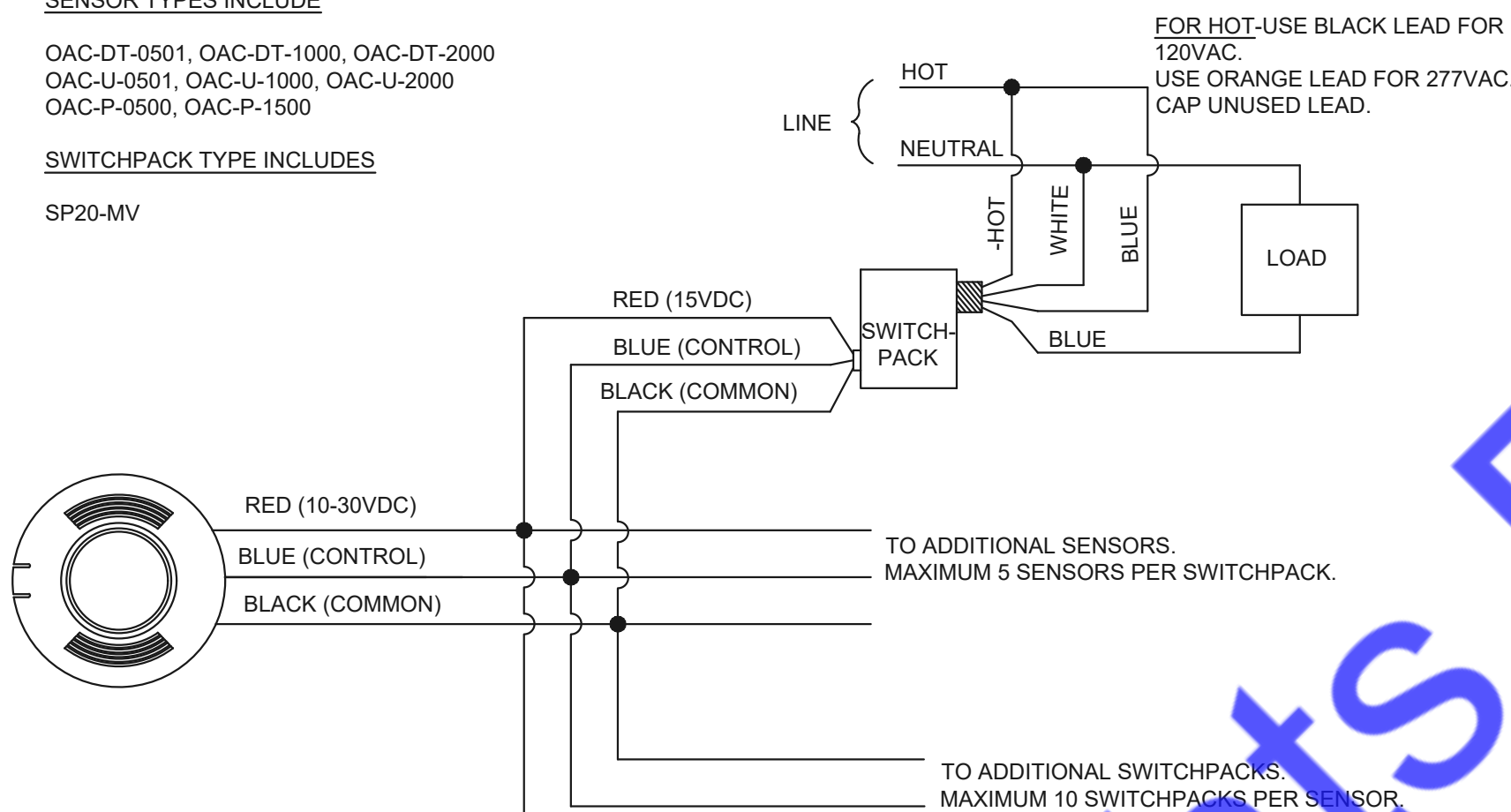
18-3 AWG STRANDED WIRE SHIELDED OR NON-SHIELDED

SENSOR TYPES INCLUDE

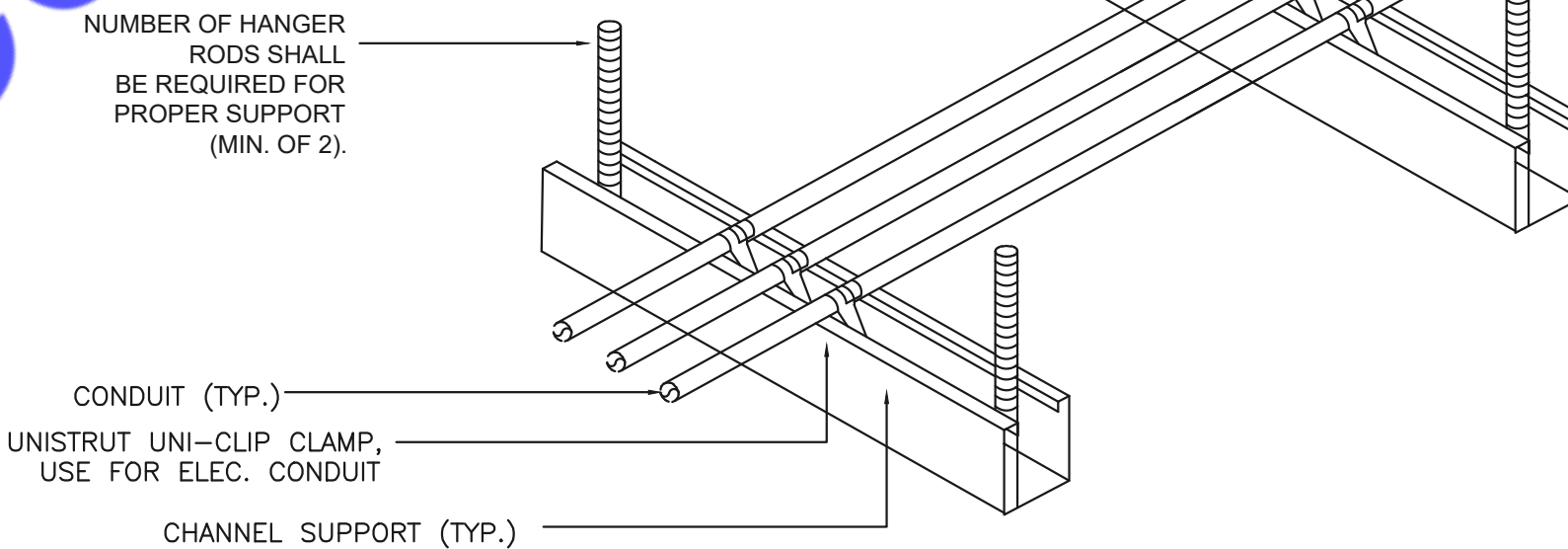
OAC-DT-0501, OAC-DT-1000, OAC-DT-2000
OAC-U-0501, OAC-U-1000, OAC-U-2000
OAC-P-0500, OAC-P-1500

SWITCHPACK TYPE INCLUDES

SP20-MV



NOTE:
THIS INFORMATION MAY NOT CONTAIN ALL DETAILS REQUIRED FOR CONSTRUCTION. APPROPRIATE MODIFICATION MAY BE REQUIRED TO ENSURE SUITABILITY OF THESE DRAWINGS FOR THE SPECIFIC APPLICATION. IT IS THE USER'S RESPONSIBILITY TO ENSURE INSTALLATION OF THE EQUIPMENT/SYSTEM IS IN ACCORDANCE WITH BUILDING/PROJECT SPECIFICATIONS, APPLICABLE CODES AND STANDARDS.



NOTES:

1. ALL CONDUIT MAY BE COMBINED ON SAME SUPPORT CHANNEL WHERE PRACTICAL.
2. SUPPORT CHANNEL LENGTH SHALL NOT BE DETERMINED UNTIL ALL PIPING, CONDUIT, ETC. TO BE SUPPORTED IS COORDINATED.
3. SUPPORT CHANNEL SPACING SHALL BE NO MORE THAN 10'-0".
4. UNISTRUT AND CONDUIT INSTALLATION MAY BE REVERSED.

6 OCCUPANCY SENSOR SWITCH DETAIL
E-201 N.T.S.

AUTOMATIC MODE OPERATION:

1. WHEN SENSOR ACTIVATES, LOAD TURNS ON.
2. LOAD TURNS OFF, WHEN SENSOR TIMES OUT.
3. SWITCHES CAN BE USED TO TURN LOAD OFF.

RECOMMENDED WIRE:

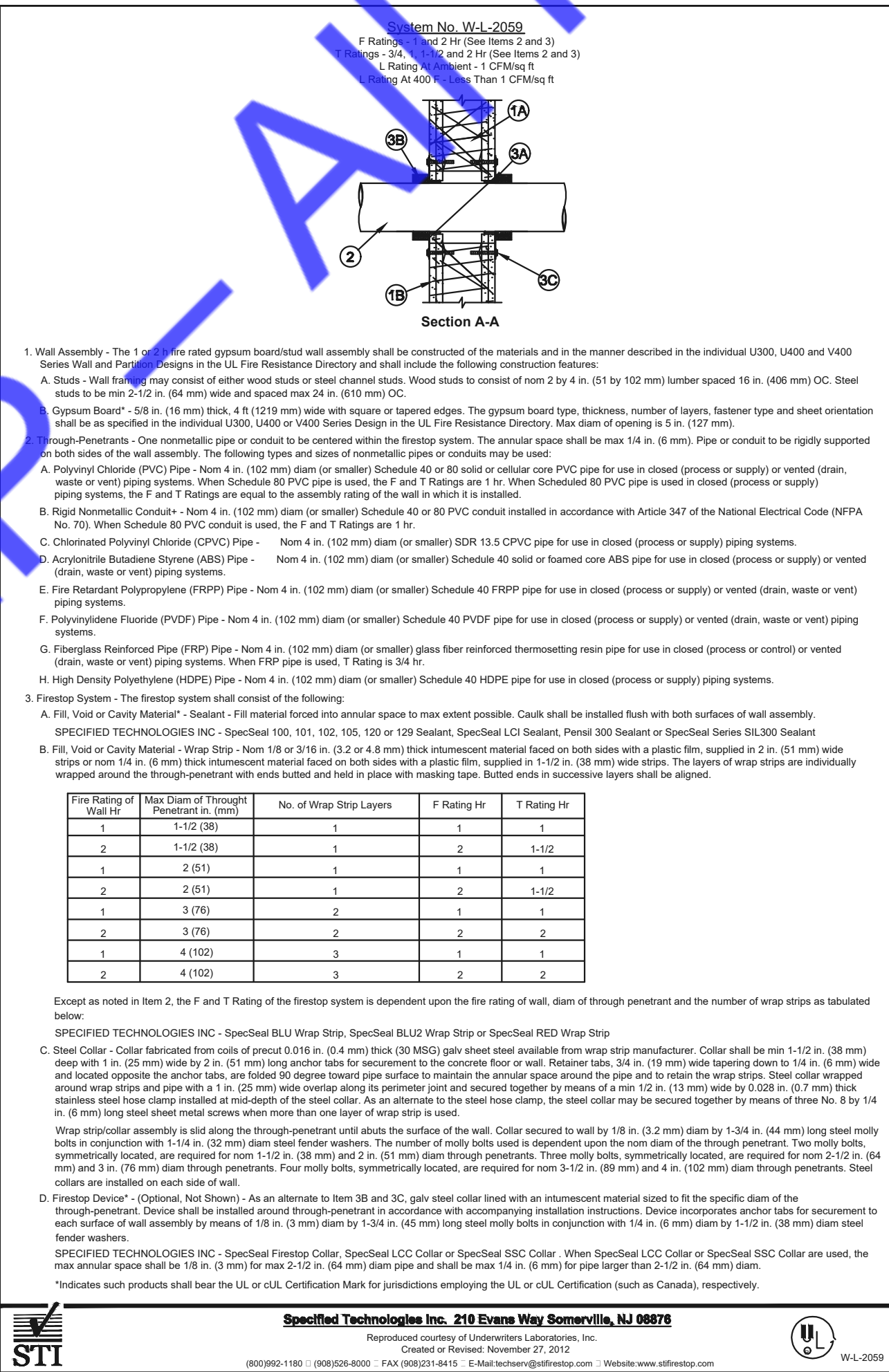
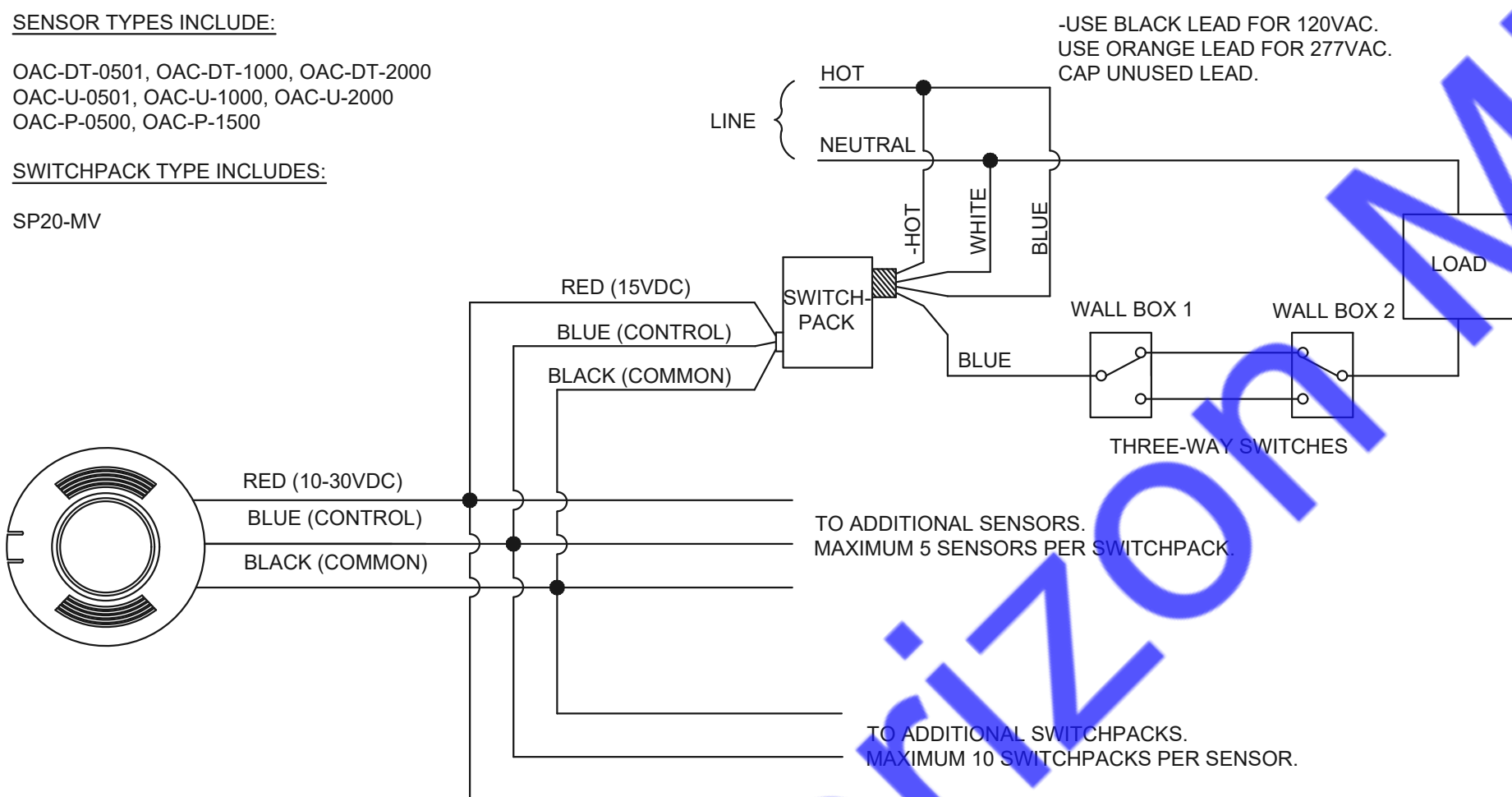
18-3 AWG STRANDED WIRE SHIELDED OR NON-SHIELDED

SENSOR TYPES INCLUDE:

OAC-DT-0501, OAC-DT-1000, OAC-DT-2000
OAC-U-0501, OAC-U-1000, OAC-U-2000
OAC-P-0500, OAC-P-1500

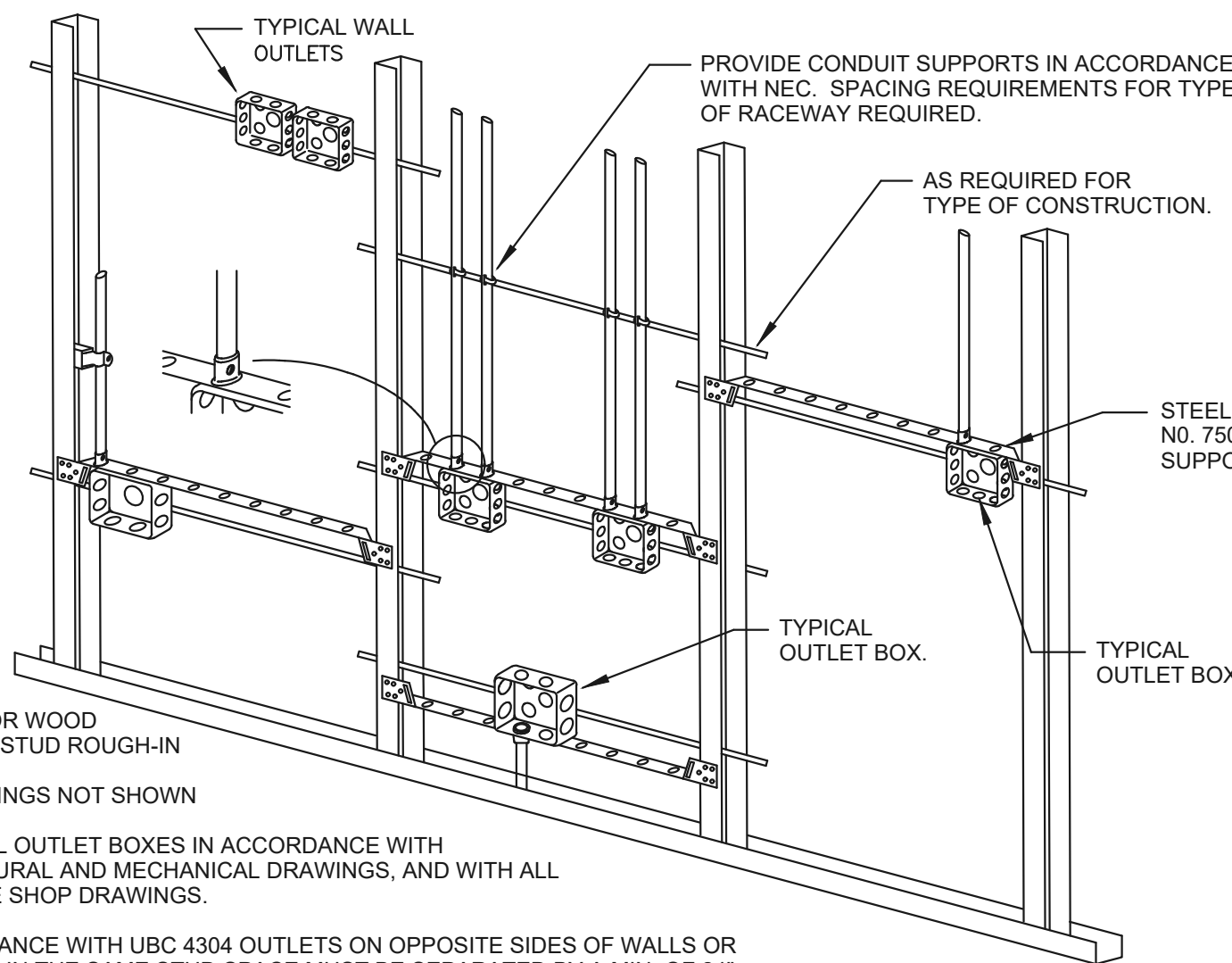
SWITCHPACK TYPE INCLUDES:

SP20-MV



Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876
Reproduced courtesy of Underwriters Laboratories, Inc.
Created or Revised: November 27, 2012.
*Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

2 CONDUIT SUPPORT DETAIL
E-201 N.T.S.



NOTES:

1. TYPICAL FOR WOOD AND METAL STUD ROUGH-IN
2. PLASTER RINGS NOT SHOWN
3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS, AND WITH ALL APPLICABLE SHOP DRAWINGS.
4. IN ACCORDANCE WITH UBC 4304 OUTLETS ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE MUST BE SEPARATED BY A MIN. OF 24" HORIZONTAL DISTANCE.

5 WIRING DIAGRAM-LOW VOLTAGE CEILING SENSOR OCCUPANCY -AUTO ON/OFF WITH LINE VOLTAGE OVERRIDE TO OFF THREE-WAY SWITCHING.
E-201 N.T.S.

3 FIRE STOP DETAIL
E-201 N.T.S.

1 DETAIL TYPICAL ROUGH-IN REQUIREMENTS
E-201 N.T.S.

