NOTE

Identification labels shall be required for branch breakers. Lighting branch breaker labels shall read “Lighting Circuit No. (see plans)” Signal branch breaker labels shall read “Signal at (identify two legs of the intersection)”. Meter when required.

WARNING
Do Not Use Main Breaker As A Disconnect. This panel board contains one or more branch breakers controlling a signalized intersection.

See note 4.

NOTES:
1. SERVICE CABINETS SHALL BE NEMA TYPE 5R.
2. DEAD FRONT CONSTRUCTION IS REQUIRED ON ALL CABINETS.
3. PLUG-IN TYPE BREAKERS SHALL BE USED ON "E" SERVICES.
4. PRESSURE TERMINALS SHALL BE REQUIRED FOR #8 THROUGH #2 AWG. WIRE.
5. ALL SERVICES SHALL BE U.L. LABELED FOR MAXIMUM 100 AMP BUS RATING AND "APPROVED FOR SERVICE EXTRUDE EQUIPMENT.
6. THE MAIN BREAKER LABEL SHALL BE MADE OF RED ON WHITE PLASTIC, THE BRANCH BREAKER LABELS SHALL BE MADE OF BLACK ON WHITE PLASTIC LAMINATE. THE LEGENDS SHALL BE ENGRAVED INTO THE STRIP SO AS TO PROVIDE WHITE LEGEND ON THE REQUIRED BACKGROUND. THE LABELS SHALL BE PERMANENTLY ATTACHED TO THE DEAD FRONT. NEXT TO THE CORRESPONDING BREAKERS.
7. LIGHTING CONTACTORS, LIGHTING & SIGNALIZATION CIRCUIT BREAKERS TO BE FACTORY INSTALLED.
8. ADDITIONAL CIRCUIT BREAKERS, BRANCH CIRCUIT WIRE, AND PHOTOELECTRIC CONTROL TO BE SUPPLIED BY THE CONTRACTOR.
9. ALL BUSING TO BE 100 AMP RATED.
10. WIRING SHALL BE THWN/MTW 600V 90 Cº RATED.

REVISIONS

IDaho TRANSPORTATION DEPARTMENT

120/240 ILLUMINATION ELECTRICAL SERVICE PEDESTAL PAD MOUNTED

SERVICE CABINET SCHEDULE

Type 1 Service

Lighting Circuit

Main Breaker

City Branch Breaker

Signal Control Breaker

Lighting Contactors

Service Wire

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