



OUTDOOR METALCLAD SWITCHGEAR: 15kV, 1200A CONTINUOUS, 25KA INTERRUPTING, 95KV BIL BREAKERS, 110KV BIL SWGR

LEGEND

- | | | | |
|--|--------------------------|--|---|
| | POWER TRANSFORMER | | FIBER OPTIC |
| | DISCONNECT SWITCH | | PHASE (51) AND RESIDUAL GROUND (51G) TIME OVERCURRENT PROTECTION |
| | RACK OUT CIRCUIT BREAKER | | LOCK-OUT RELAY |
| | DRAW-OUT PRIMARY FUSE | | PHASE (50) AND RESIDUAL GROUND (50G) INSTANTANEOUS OVERCURRENT PROTECTION |
| | SURGE ARRESTER | | RECLosing |
| | CURRENT TRANSFORMER | | TRANSFORMER DIFFERENTIAL PROTECTION |
| | POTENTIAL TRANSFORMER | | U = UNDER-FREQUENCY PROTECTION
O = OVER-FREQUENCY PROTECTION |
| | SECONDARY FUSE | | GE-PMIII REVENUE / POWER QUALITY METER |
| | | | BITRONICS M650 PANEL METER |

- TRIP:**
 CKT SW
 FDR 1
 FDR 2
 FDR 3
BLOCK CLOSE:
 CKT SW
 FDR 1
 FDR 2
 FDR 3



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LOS ALAMOS COUNTY
 DEPARTMENT OF PUBLIC UTILITIES
 LOS ALAMOS, NM

DWN:AJC CKD: KWA APVD:GRN DATE: JANUARY 2018 JOB #:

DATE	REVISIONS
3/7/18	ADDED BITRONICS METERS

WHITE ROCK SUBSTATION PROPOSED ONE-LINE DIAGRAM		
SCALE	STATE	SHEET
NONE	NM	WR-201A