



INSTRUMENTATION - ONE CONCRETE PLUG		
DESCRIPTION	NO. INSTALLED	REMARKS
INTERFACE DEFLECTOMETER, SIMILAR OR EQUAL TO MOD. I-100, BY TERRAMETRICS OF GOLDEN, COLO.	6	INSTALL BEFORE PRE-GROUT. 2 @ 5'-0" LONG 2 @ 3'-0" LONG 2 @ 1'-0" LONG
INTERFACE EXTENSOMETER, SIMILAR OR EQUAL TO MOD. I-100, BY TERRAMETRICS OF GOLDEN, COLO.	2	INSTALL BEFORE PRE-GROUT. 2 @ 6'-0" LONG
CARLSON PORE WATER PRESSURE CELL ASSEMBLY, SIMILAR OR EQUAL TO MOD. PP-200 BY TERRAMETRICS OF GOLDEN, COLO.	8	INSTALL AFTER CONCRETE PLUG IS CONSTRUCTED AND CHECK GROUING COMPLETE. 2 @ 15'-0" SETTING AS SHOWN
READOUT INSTRUMENTS - SIMILAR OR EQUAL TO THOSE AVAILABLE FROM TERRAMETRICS OF GOLDEN, COLO.	1 EACH	ONE EACH - DIGITAL BRIDGE MODEL P-350 A, AND MA-1 STRESS/STRAIN METER TEST SET.
SWITCHING UNIT LOCK BOX, NEMA-4 CONSTRUCTION, ONE 4-POLE 16-POSITION PRECISION SWITCHES, WATERPROOF CABLE ENTRY, SIGNAL CABLE CONDUCTOR CONNECTORS.	1	PROVIDE STUB POLE, MOUNTING BRACKETS AND SUBASSEMBLIES
SIGNAL CONDUCTOR - MULTIPLE CONDUCTOR CABLE JUNCTION BOX - NEMA 4	1	THD. CONNECTIONS FOR SIGNAL CONDUCTOR CONDUIT, WATER PRES. CELL CONDUIT

ADDED POWERLINE EXTENSION NOTE: CHANGED MODIFIED DIGITAL BRIDGE TO DIGITAL BRIDGE & STRESS/STRAIN METER

NO.	DATE	REVISION	APPR.

SUBMITTED: *Neil K. ...* PROFESSIONAL

APPROVED: *Robert C. ...* CHIEF - DIVISION OF WIRE RECLAMATION

APPROVED: *Andrew ...* DIRECTOR - BUREAU OF DESIGN

CHARLES E. ... REGISTERED PROFESSIONAL ENGINEER

11/28/74 DATE

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. SL 135-3-B
MINE DRAINAGE
POLLUTION ABATEMENT
CATAWISSA CREEK
SCHUYLKILL COUNTY

GANNETT FLEMING CORDDRY & CARPENTER, INC.
Consulting Engineers
P.O. BOX 963 HARRISBURG, PA

ELECTRICAL DETAILS
INSTRUMENTATION

DRAWN BY	DATE	DRAWING NO.
E.T.H.		

CHECKED BY: A.R.B. SCALE: NO SCALE

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- NOTES: ELECTRICAL
- ALL CONDUIT AND METAL PARTS, EXCEPT STAINLESS STEEL, SHALL BE COATED WITH A VINYL COATING.
 - CABLE AND CONDUIT SHALL BE SUPPORTED BY APPROVED CABLE CLAMPS, MAX. SPACING OF SUPPORTS SHALL BE 5'-0"
 - CONTRACTOR SHALL FURNISH AND INSTALL, OR ARRANGE AND PAY CHARGES FOR, POWERLINE EXTENSION FROM NEAREST AVAILABLE PENNSYLVANIA POWER AND LIGHT CO. OVERHEAD LINE TO ENTRANCE OF TUNNEL NO. 2.