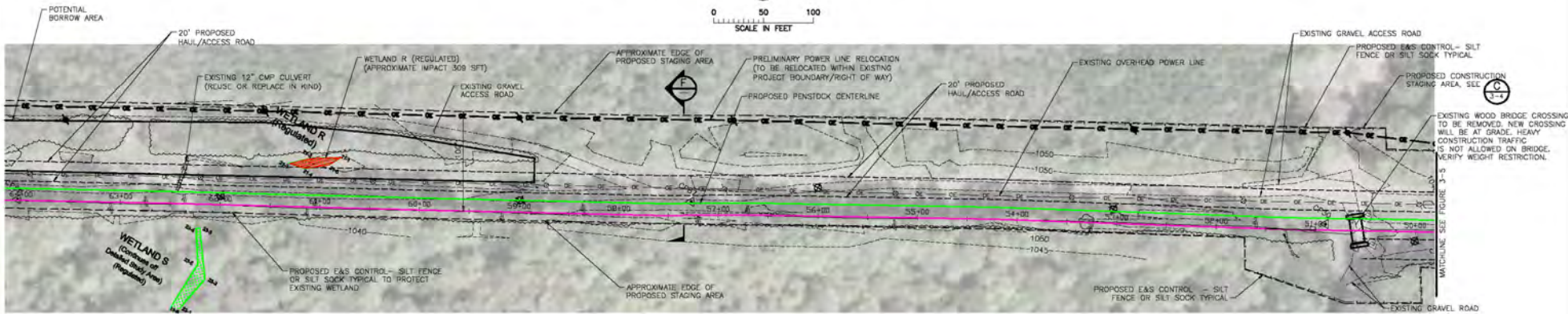
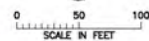


1 PLAN: CONCEPTUAL LAYOUT STA. 64+00 TO STA. 79+00
1"=50'-0"

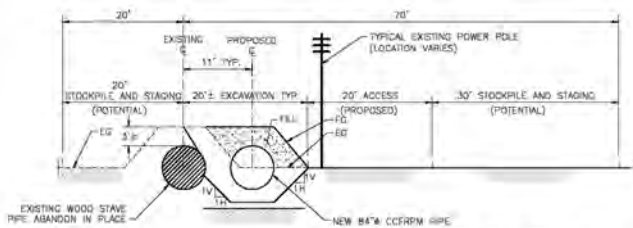


2 PLAN: CONCEPTUAL LAYOUT STA. 50+00 TO STA. 64+00
1"=50'-0"



NOTE:
1. DETAILS SHOWN ARE APPROXIMATE AND ARE BASED ON A 50% ENGINEERING DESIGN LEVEL. FINAL CONSTRUCTION PLANS ARE BEING DEVELOPED AND WILL BE SUBMITTED AS PART OF OBTAINING ANY NECESSARY PERMITS FOR CONSTRUCTION AS NEEDED.

LEGEND	
	TOPOGRAPHIC SURVEY CONTROL POINT
	EXISTING TREE LINE
	EXISTING ELEVATION INDEX CONTOUR
	EXISTING WATER LINE
	EXISTING EDGE OF GRAVEL
	EXISTING CONCRETE OR ASPHALT EXTENT
	EXISTING OVERHEAD ELECTRIC
	EXISTING DITCH
	EXISTING PROPERTY LINE
	EXISTING WETLAND AND FLAG NO.
	EXISTING SIGN
	EXISTING RIPRAP
	EXISTING ROCK OUTCROPPING
	PROPOSED 84" CORRUM PIPE
	ABANDON 84" WOOD STAVE PIPE IN PLACE
	PROPOSED WETLAND IMPACTS
	PROPOSED EAS CONTROL - SILT FENCE OR SILT SOCK TYPICAL SEE
	PROPOSED EAS CONTROL - SILT FENCE OR SILT SOCK TYPICAL (DOUBLE ROW) SEE
	PROPOSED ROCK CONSTRUCTION ENTRANCE SEE



F TYPICAL SECTION: NEW 84" DIA. CCFRPM PIPE SECTION STA. 50+50 TO 129+25
SCALE: 1"=10'

PRELIMINARY DESIGN:
- ISSUE FOR REGULATORY REVIEW ONLY
- NOT FOR CONSTRUCTION

NO.	BY	CHK	APP.	DATE	REVISION DESCRIPTION
1	MAK	MAK		10/02/2008	ISSUED FOR PERMITTING - NOT FOR CONSTRUCTION
2	MAK	MAK		10/02/2008	ISSUED ENVIRONMENTAL PLAN SUBMITTAL
3	MAK	MAK		10/02/2008	COMMENTS FROM R222/ANTIGRS
4	MAK	MAK		03/02/2009	REVISED ALIGNMENT
5	MAK	MAK		08/27/2009	PERIC SUBMITTAL
6	MAK	MAK		08/28/2009	PERIC/RS/ANTIGRS

DESIGNER'S CERTIFICATION:
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MICHIGAN.
SIGNATURE: WILLIAM J. FORSMARK
DATE: 10/02/2008 REG. NO.: 38672

CLIENT	DATE	DATE RELEASED	DATE RECEIVED
UPPER PENINSULA POWER CO.	10/10/08	11/20/08	12/23/08
UPPER PENINSULA POWER CO.	12/23/08	02/04/09	03/02/09



Scale	AS SHOWN
Date	10/02/2008
Drawn	RLG/MRM
Checked	MAK2/MJF
Designed	MAK2
Approved	

UPPER PENINSULA POWER CO.
MARQUETTE COUNTY, MI

MCCURE PENSTOCK REPLACEMENT
MARQUETTE COUNTY, MI
CONCEPTUAL LAYOUT
STA. 50+00 TO STA. 79+00

BARR PROJECT No.	REV. No.
22/52-088	0
CLIENT PROJECT No.	REV. No.
	0

CADD USER: mak2 - User Name: mak2 - Project: 22/52-088 - File: 22/52-088 - 03/02/2009 2:04 PM
 FILE: \\0208\share\Barr\22/52-088 - 03/02/2009 - 03/02/09