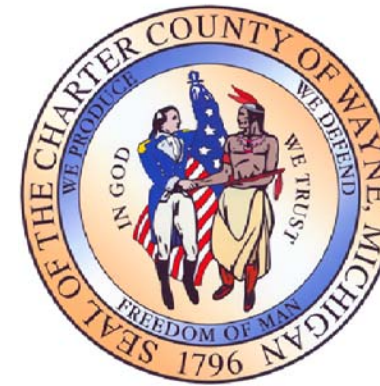


WAYNE ROAD DAM REMOVAL

NOAA GRANT AWARD NO. NA11NMF4630146

DECEMBER 2011

WAYNE COUNTY - CONTROL NO. 37-12-084



IN PARTNERSHIP WITH:



AS-BUILT DRAWING INDEX *

1. PROJECT NOTES
2. EXISTING CONDITIONS - DAM VICINITY
3. EXISTING CONDITIONS - DAM CROSS SECTIONS
4. SITE PREPARATION - ACCESS PLAN
5. SITE PREPARATION & DEMOLITION PLAN
6. DAM REMOVAL & DREDGING DETAILS
7. SITE IMPROVEMENTS PLAN
8. RIFFLE & BANK STABILIZATION PLAN
- 9A. CHANNEL REALIGNMENT PLAN
- 9B. CHANNEL REALIGNMENT DETAILS
10. RESTORATION/LANDSCAPE PLAN
11. REFERENCE: CITY OF WAYNE STANDARD PAVING DETAILS
12. WAYNE COUNTY STANDARD DETAILS

WAYNE ROAD OVER LOWER ROUGE RIVER AS-BUILT DRAWINGS (FOR INFORMATION ONLY):

- A-1 DNR PERMIT APPLICATION DRAWING (SHEET D-1)
- A-2 LOCATION PLAN (SHEET 102)
- A-3 GENERAL PLAN OF STRUCTURE I (SHEET 104)
- A-4 GENERAL PLAN OF STRUCTURE II (SHEET 105)

* REFERENCE ORIGINAL CONSTRUCTION BID
SET FOR COMPLETE DESIGN DRAWING SET.

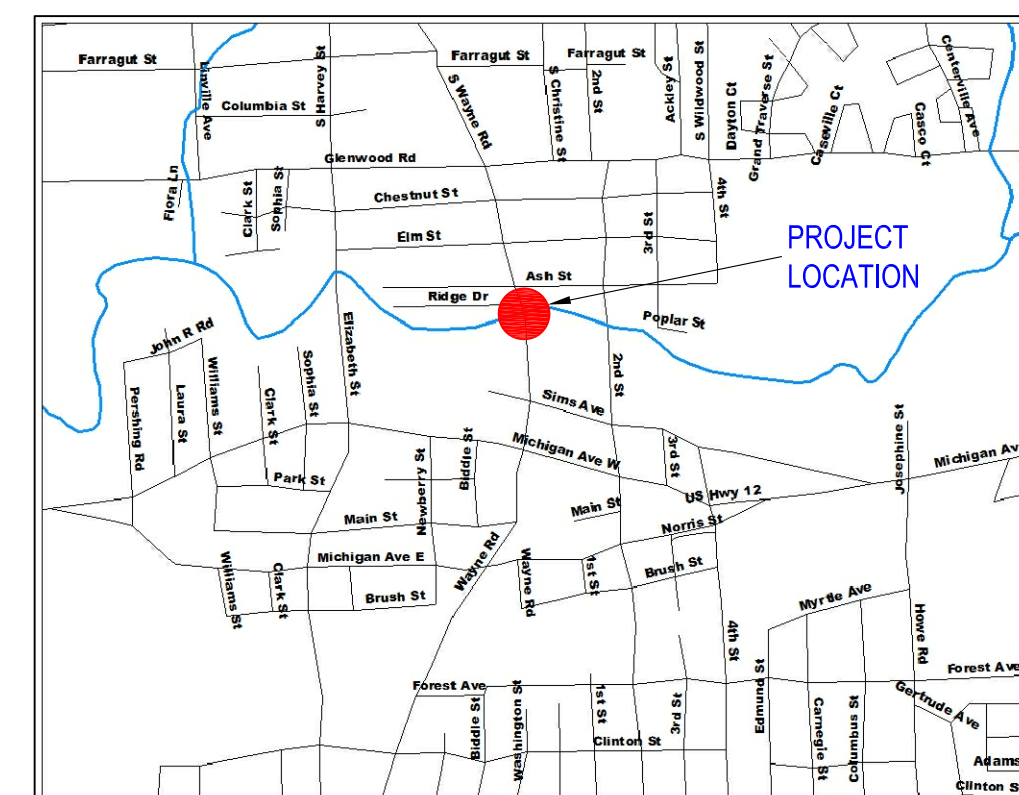
PREPARED BY:



Environmental Consulting & Technology, Inc.
2200 Commonwealth Boulevard, Suite 300
Ann Arbor, Michigan 48105
Phone: 734.769.3004
Fax: 734.769.31664



WAYNE COUNTY, MI
NOT TO SCALE



PROJECT VICINITY MAP
NOT TO SCALE



THESE DRAWINGS ARE SEALED
FOR THE CONTENT OF AS-BUILT
INFORMATION ONLY.

AS-BUILT NOTE

THESE DRAWINGS WERE ORIGINALLY DESIGNED AND PRODUCED BY ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC. FOR WAYNE COUNTY. THE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-BUILT CONDITIONS AS OF DECEMBER 2012 FOR WORK PERFORMED BY INLAND LAKES LANDSCAPING CO. UNDER THE WAYNE ROAD DAM REMOVAL PROJECT. ALL OTHER PRE-EXISTING UTILITIES, ITEMS, AND FEATURES SHOWN DO NOT NECESSARILY REFLECT AS-BUILT CONDITIONS.

AS-BUILT DRAWINGS



1 PHOTO 1
2 LOOKING N. @ EXISTING EROSION AREA AND LOG JAM. PHOTO TAKEN 11/2/2011, ECT.



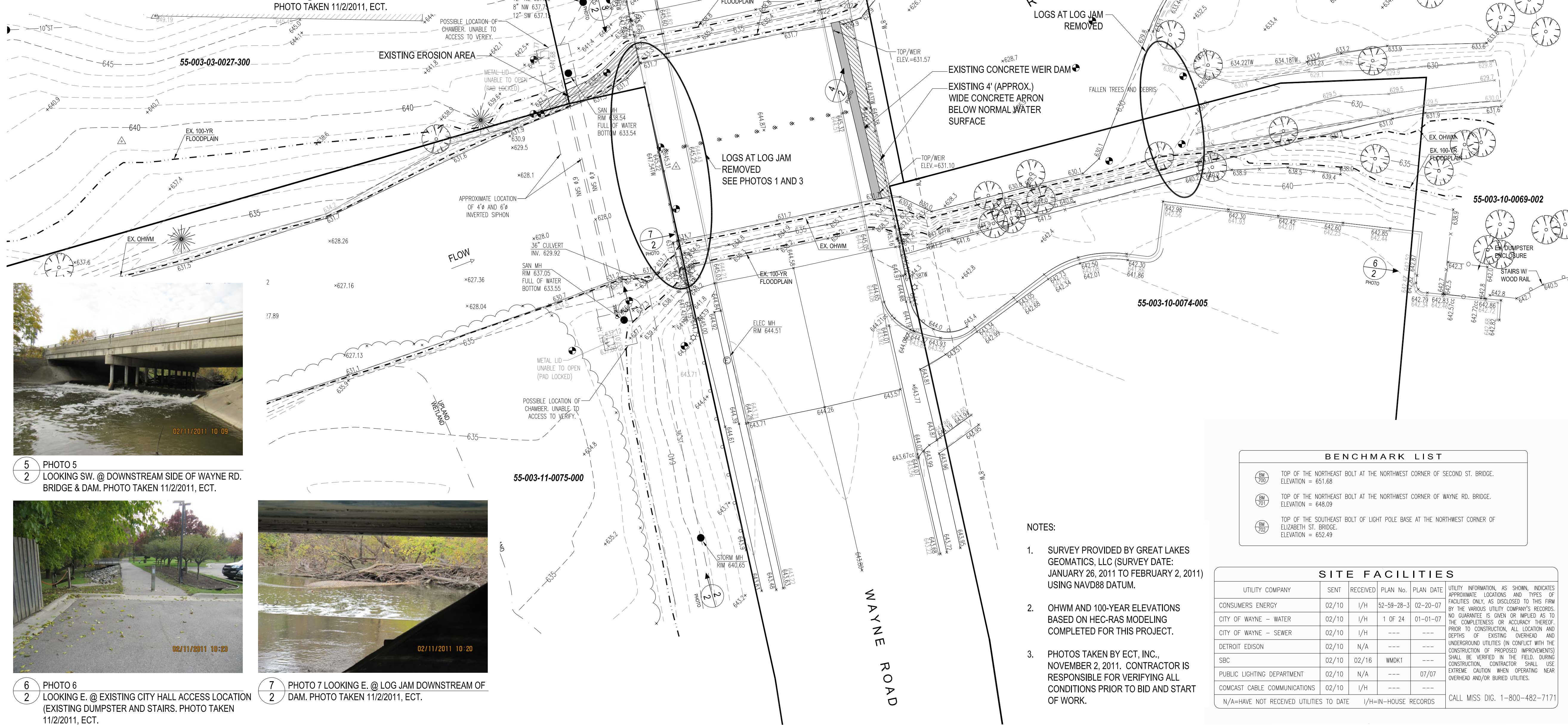
2 PHOTO 2
2 LOOKING N. ALONG THE WAYNE COUNTY PROPERTY SITE ACCESS. PHOTO TAKEN 11/2/2011, ECT.



3 PHOTO 3
2 LOOKING S. @ UPSTREAM SIDE OF WAYNE ROAD BRIDGE AND LOG JAM. PHOTO TAKEN 11/2/2011, ECT.



4 PHOTO 4
2 LOOKING N. ALONG W. SIDE OF WAYNE ROAD BRIDGE @ EXISTING 24" CULVERT END SECTION. PHOTO TAKEN 11/2/2011, ECT.



5 PHOTO 5
2 LOOKING SW. @ DOWNSTREAM SIDE OF WAYNE RD. BRIDGE & DAM. PHOTO TAKEN 11/2/2011, ECT.



6 PHOTO 6
2 LOOKING E. @ EXISTING CITY HALL ACCESS LOCATION (EXISTING DUMPSTER AND STAIRS. PHOTO TAKEN 11/2/2011, ECT.



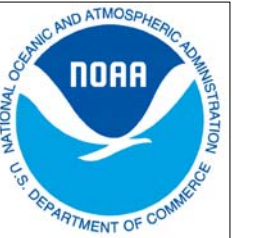
7 PHOTO 7
2 LOOKING E. @ LOG JAM DOWNSTREAM OF DAM. PHOTO TAKEN 11/2/2011, ECT.



WAYNE ROAD DAM REMOVAL PROJECT

WAYNE COUNTY, MICHIGAN
CONTROL NO. 37-12-084

IN PARTNERSHIP WITH:



ISSUED FOR BIDS 3.27.12
FOR CONSTRUCTION DEC.2011
FOR PERMITTING 8-9-11

101066
ECT PROJECT NUMBER
LH/MB/AB LH
DESIGNED BY CHECKED BY
AB/AM/TH/PH JO
DRAWN BY APPROVED BY

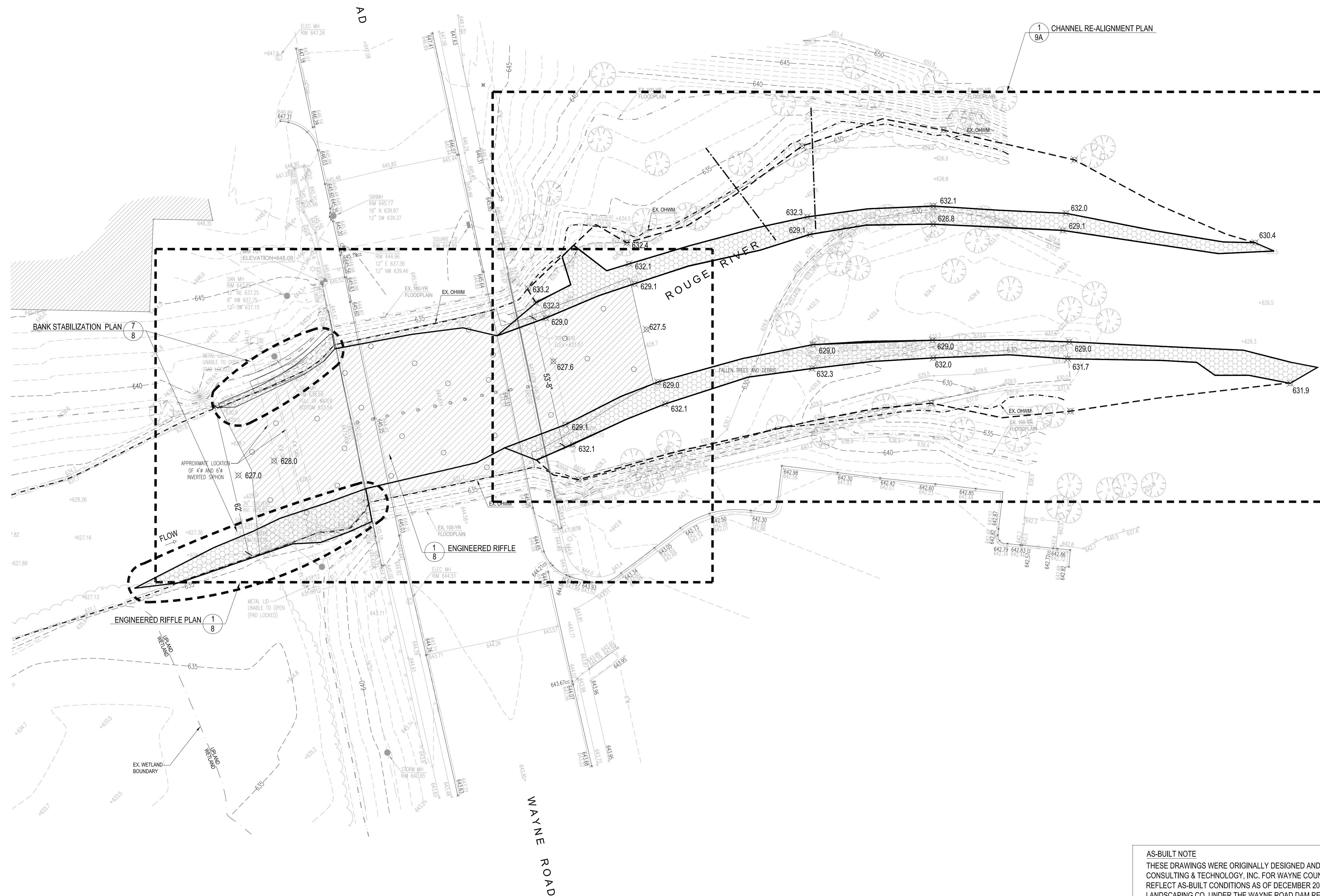
SHEET TITLE

EXISTING CONDITIONS - DAM VICINITY

SCALE: 1" = 20' @ 22x34

NORTH
SHEET NUMBER
2

3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171



AS-BUILT NOTE

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3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171

SURVEY PROVIDED BY GREAT LAKES GEOMATICS, LLC (SURVEY DATE: JANUARY 26, 2011 TO FEBRUARY 2, 2011) USING NAVD88 DATUM.

LEGEND	
	BENCHMARK
	TRAVERSE POINT
	SEWER MH (STORM/SAN)
	SQUARE CATCH BASIN
	ROUND CATCH BASIN
	BEEHIVE CATCH BASIN
	CLEAN OUT
	STEAM MANHOLE
	UNKNOWN MANHOLE
	HYDRANT
	GATE VALVE AND WELL
	WATER VALVE
	WATER SHUT OFF
	VALVE BOX
	POST INDICATOR VALVE
	WATER METER
	ELECTRIC MANHOLE
	ELECTRIC PEDESTAL
	ELECTRIC HANDHOLE
	PUBLIC LIGHTING MH
	TELEPHONE MANHOLE
	TELEPHONE PEDESTAL
	CABLE PEDESTAL
	GAS VALVE
	UTILITY POLE
	GUY ANCHOR
	LIGHT POLE
	BOLLARD
	PARKING METER
	SIGN
	RR CONTROL BOX
	RR CROSSING
	DECIDUOUS TREE
	CONIFEROUS TREE
	CHAINLINK FENCE
	WROUGHT IRON FENCE
	OVERHEAD UTILITIES
	STORM SEWER
	SANITARY SEWER
	COMBINATION SEWER
	STEAM LINES
	WATERMAIN
	GAS LINES
	ELECTRIC LINES
	PUBLIC LIGHTING DEPT.
	TELEPHONE LINES
	CABLE LINES
	FOUND IRON ROD
	FOUND MONUMENT
	FOUND P.K. NAIL
	FOUND MAG NAIL
	SET IRON ROD
	SET MONUMENT
	SET P.K. NAIL
	SET MAG NAIL
	SPOT ELEVATION
	TOP OF WALL ELEVATION
	CURB CUT ELEVATION
	UNDERGROUND
	FINISHED FLOOR ELEVATION
	MEASURED
	RECORD
	CALCULATED
	LIMITS OF GRADING
	RIPPRAP STONE TOE
	PROPOSED RIFFLE

ECT
Environmental Consulting & Technology, Inc.
2200 Commonwealth Blvd, Suite 300
Ann Arbor, Michigan 48105
734.769.3004
734.769.3164 fax
www.ectinc.com









































































































































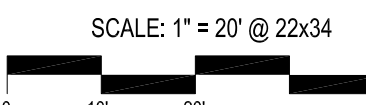


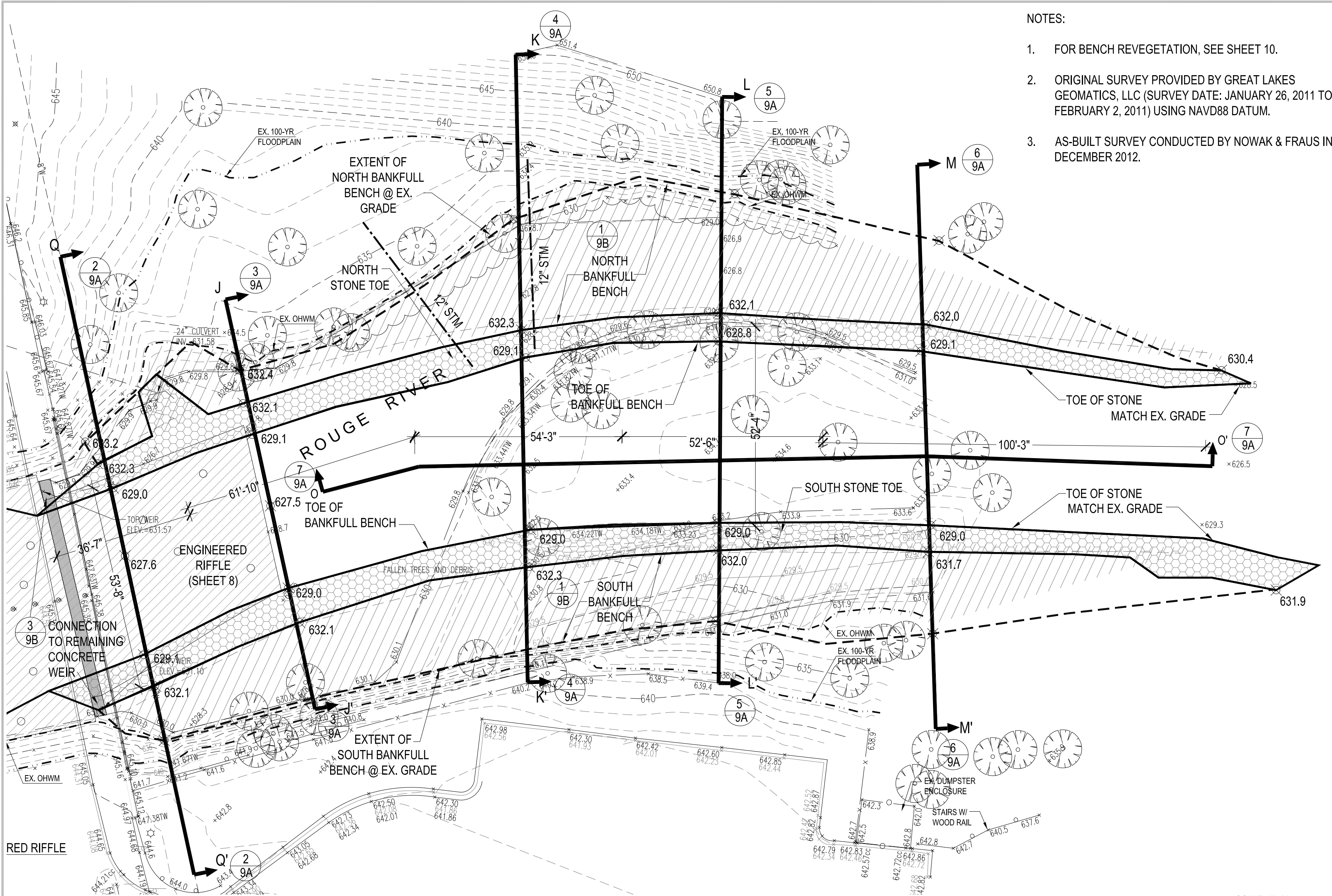


AS-BUILT	1-28-13
ISSUED FOR BIDS	3-27-12
FOR CONSTRUCTION	DEC. 2011
FOR PERMITTING	8-9-11

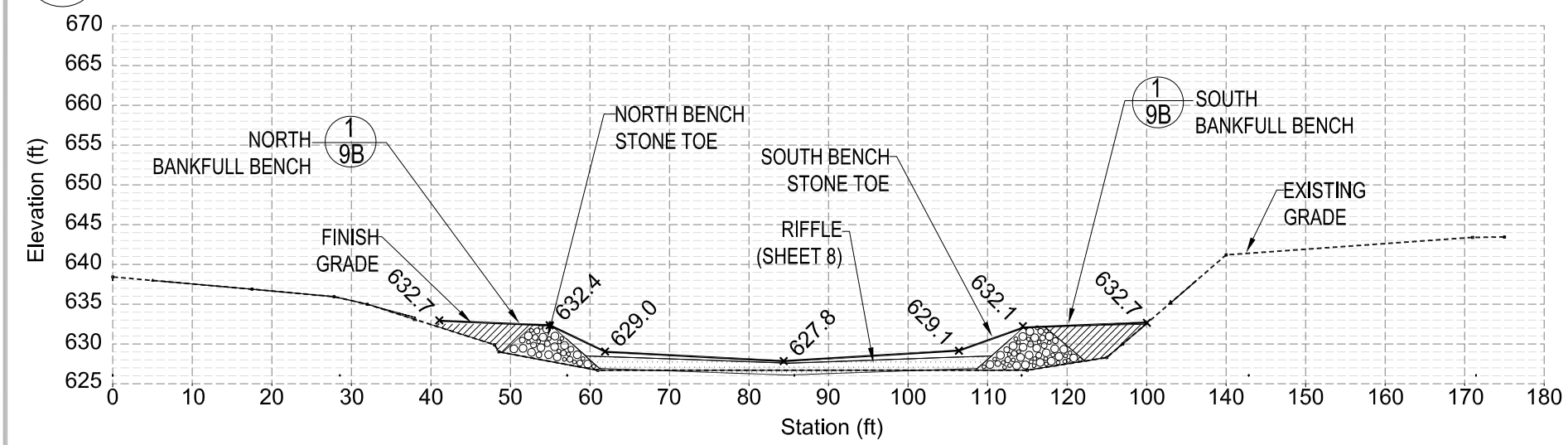
101066
ECT PROJECT NUMBER

LH / MB / AB DESIGNED BY	LH CHECKED BY
AB / AM / TH / PH DRAWN BY	JO APPROVED BY

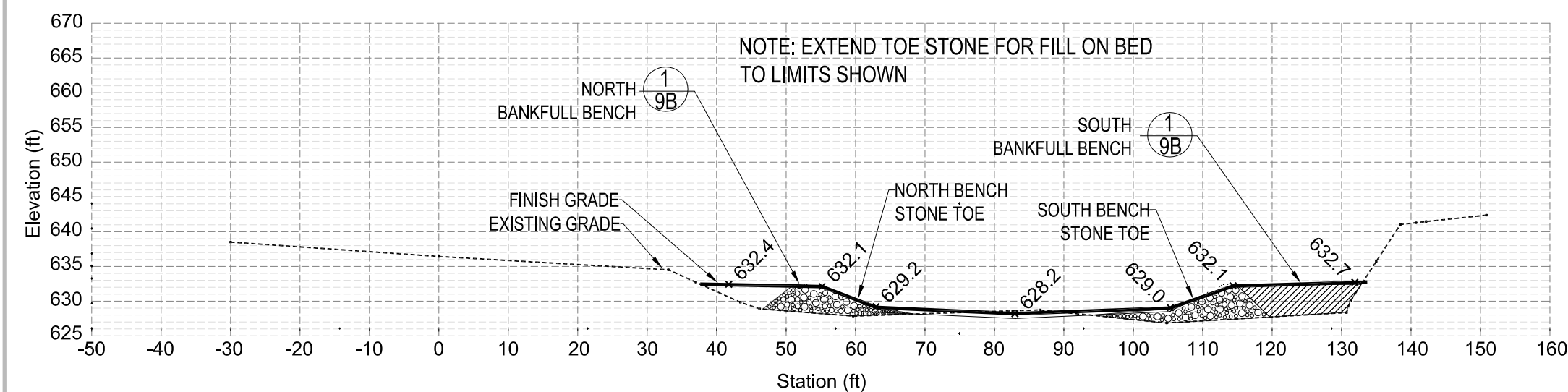
SHEET TITLE SITE IMPROVEMENTS PLAN	
SCALE: 1" = 20' @ 22x34 	
NORTH 	SHEET NUMBER 7



1 CHANNEL RE-ALIGNMENT PLAN



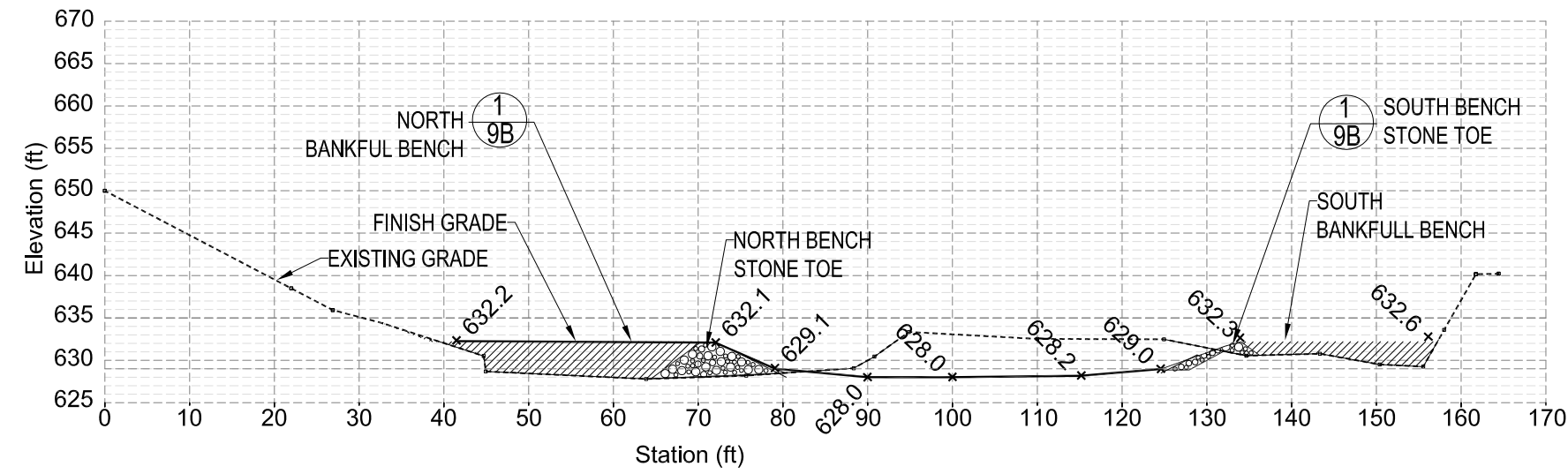
2 CROSS SECTION Q-Q'



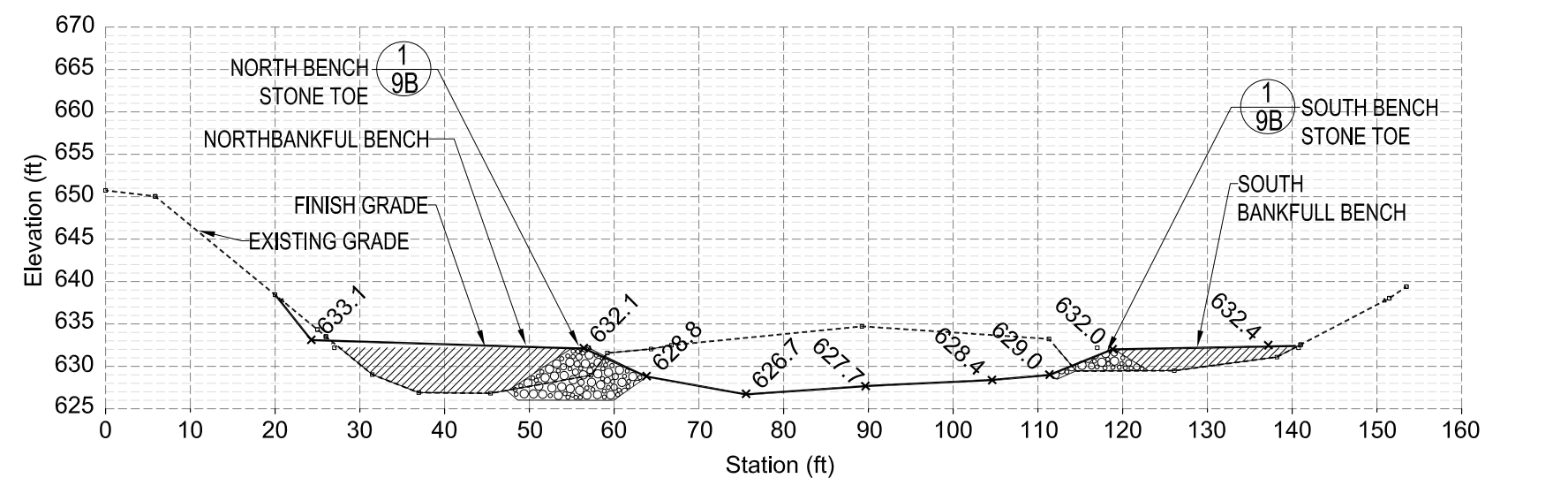
3 CROSS SECTION J-J'

NOTES:

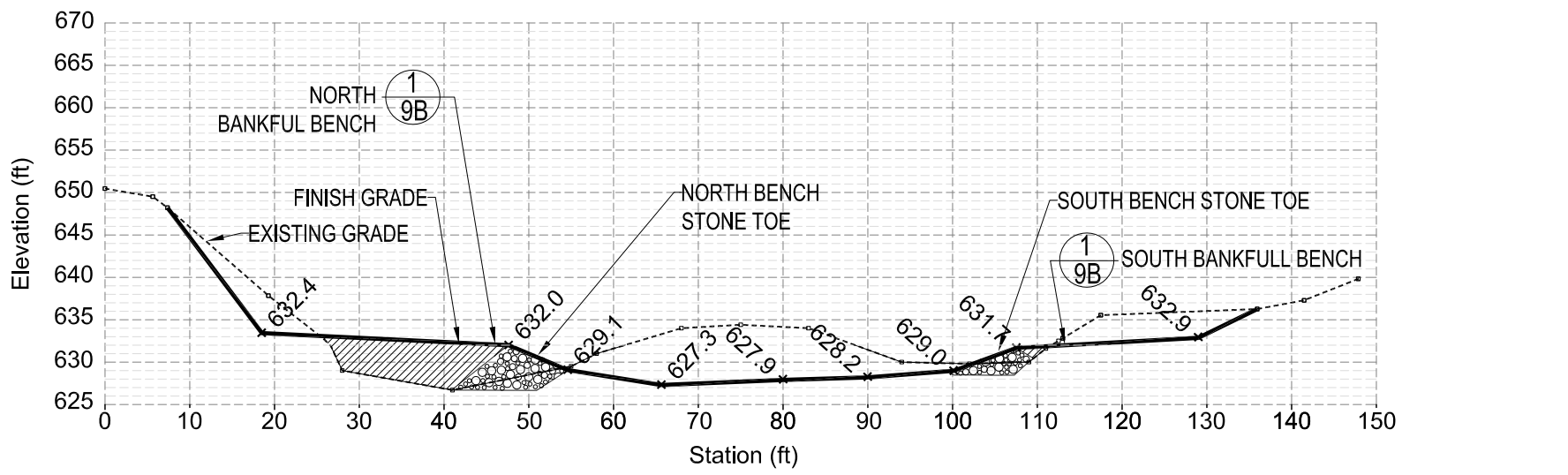
- FOR BENCH REVEGETATION, SEE SHEET 10.
- ORIGINAL SURVEY PROVIDED BY GREAT LAKES GEOMATICS, LLC (SURVEY DATE: JANUARY 26, 2011 TO FEBRUARY 2, 2011) USING NAVD88 DATUM.
- AS-BUILT SURVEY CONDUCTED BY NOWAK & FRAUS IN DECEMBER 2012.



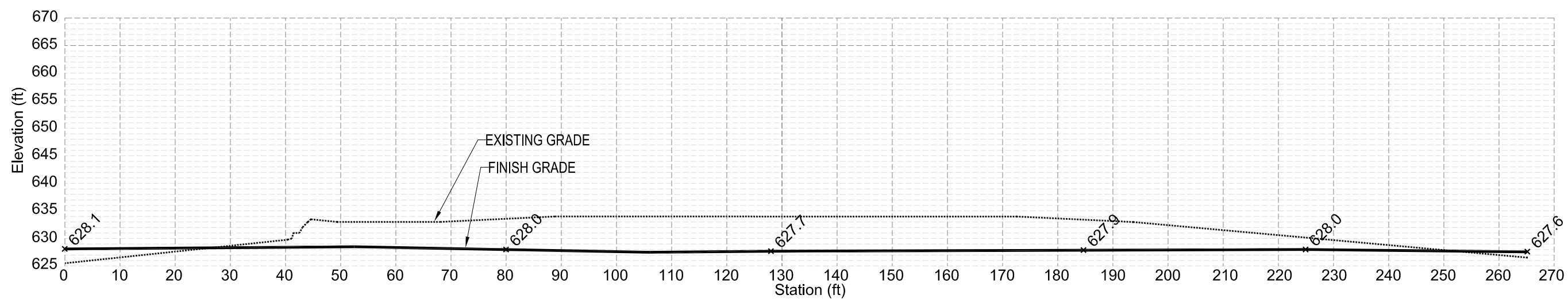
4 CROSS SECTION K-K'



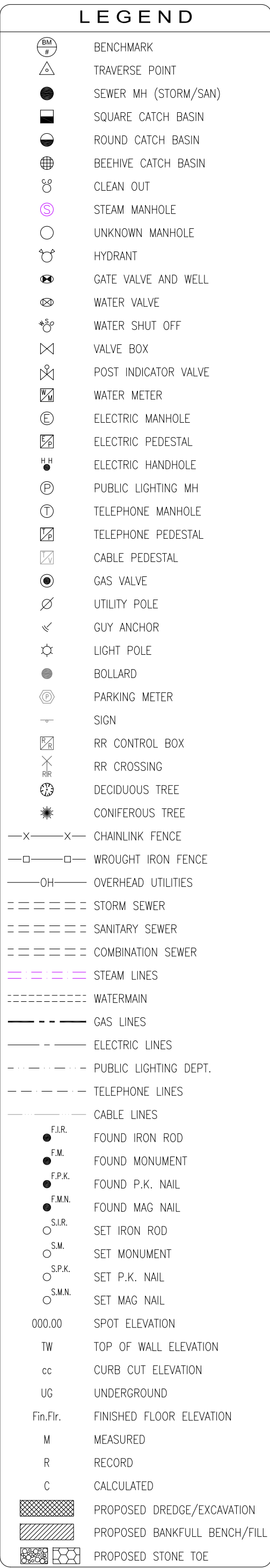
5 CROSS SECTION L-L'



6 CROSS SECTION M-M'



7 CROSS SECTION O-O'



NOTE: FINISH GRADE = SURVEY ELEVATIONS FROM DECEMBER 2012

AS-BUILT NOTE

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3 WORKING DAYS BEFORE YOU DIG CALL MISS DIG 1-800-482-7171



WAYNE ROAD DAM REMOVAL PROJECT WAYNE COUNTY, MICHIGAN CONTROL NO. 37-12-084

IN PARTNERSHIP WITH:



AS-BUILT	1-29-13
ISSUED FOR BIDS	3-27-12
FOR CONSTRUCTION	DEC. 2011
FOR PERMITTING	8-8-11