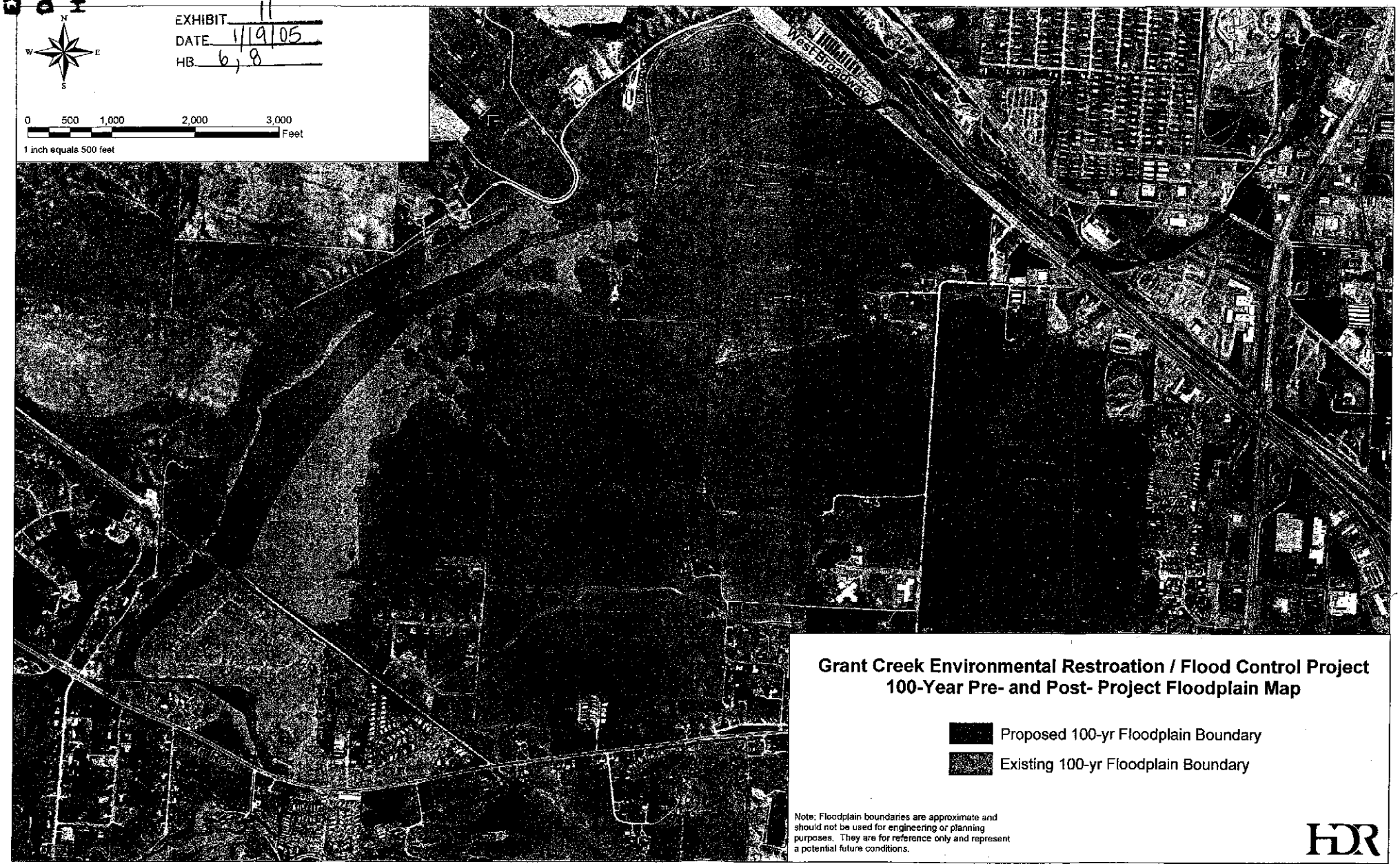
EXHIBIT 11
DATE 1/19/05
HB 6, 8



PROJECT LOCATION AND KEY MAP
1" = 1000'

PROJECT SOIL BORINGS AND MONITORING WELLS

POINT	NORTHING	EASTING	ELEVATION
MS-5	996381.40	822127.90	3142.30
MS-X			
MS-X			
MS-X			
MS-X			
MS-X			
MS-X			
MS-X			
MS-X			
MS-X			
MS-X			

PROJECT VERTICAL CONTROL

TBM MS-10 ELEVATION 3163.23
60D NAIL WITH YELLOW PLASTIC CAP IN SOUTH FACE OF POWER POLE, NORTH SIDE OF MULLAN ROAD, NORTHWEST QUADRANT OF GRASSLAND DRIVE AND MULLAN ROAD. (LINE D, STA. 10+13, 29' RIGHT)

TBM MS-20 ELEVATION 3144.63
RAILROAD SPIKE IN EAST FACE OF POWER POLE, SOUTH END OF HOMESTEAD DRIVE, FIRST POWER POLE TO THE EAST. (LINE B, STA. 23+28, 29' RIGHT)

TBM MS-27 ELEVATION 3166.50
60D NAIL IN NORTH SIDE OF A POWER POLE LOCATED WEST OF A SIGN 'CENTER LANE ONLY'. SOUTH SIDE OF WEST BROADWAY.

TBM MS-28 ELEVATION 3161.27
BOLT ON SOUTH SIDE OF A RAILROAD TIE FENCEPOST 0.6' ABOVE GROUND AND 3' SOUTHEAST OF CONTROL POINT # MRS-91. (LINE N, STA. 93+12, 145' RIGHT)

TBM MS-5 ELEVATION 3155.45
60D NAIL WITH YELLOW PLASTIC CAP IN SOUTH FACE OF POWER POLE, NORTH SIDE OF MULLAN ROAD, EAST OF COUNTRYSIDE CT., ACROSS FROM MARIE DR. (LINE C, STA. 61+29, 8' RIGHT)

PROJECT HORIZONTAL CONTROL

POINT	NORTHING	EASTING	DESCRIPTION
16	995117.95	823798.25	WGM GROUP RED PLASTIC CAP SOUTH SIDE OF MULLAN ROAD, WEST OF MULLAN TRAIL, NORTH OF HOUSE #6443, 64.1' EAST OF MAILBOXES. (LINE C, STA. 19+97, 3' LEFT)
20	996364.52	821321.68	WGM GROUP RED PLASTIC CAP SOUTH SIDE OF MULLAN ROAD, SOUTHWEST QUADRANT OF FREY LANE AND MULLAN ROAD, 73.5' WEST OF STOP SIGN. (LINE D, STA. 8+59, 54' LEFT)
59	994178.88	821961.81	WGM GROUP RED PLASTIC CAP 18' SOUTH OF DRIVEWAY GOING EAST FROM THE SOUTH SIDE OF HOMESTEAD DRIVE, NORTH OF FENCE.
67	1002861.86	831377.85	PK NAIL IN EDGE OF ASPHALT, 9.8' SOUTH OF FOG LINE, 39.6' NORTH OF SIGN 'CENTER LANE ONLY', 33' NORTH OF A POWER POLE. (LINE N, STA. 101+53, 494 RIGHT)

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KEY NOTES:

1. PEAK FLOW BYPASS PIPELINE, ENERGY DISSIPATION BASIN AND OUTFALL. SEE SHEETS 203 AND 204.
2. CLARK FORK CONFLUENCE REACH IMPROVEMENTS. SEE SHEETS 101 THROUGH 108.
3. PEAK FLOW BYPASS WEIR STRUCTURE. SEE SHEETS 201 AND 202.
4. PRARIE SCHOONER REACH CHANNEL CLEANING, FLOODPLAIN TERRACING AND CHANNEL RE-ALIGNMENT. SEE SHEETS 301 THROUGH ____
5. MULLAN TRAIL REACH CHANNEL RE-ALIGNMENT AND FLOOD PLAIN TERRACING. SEE SHEETS ____ THROUGH 307.
6. ABANDON EXISTING SOUTH WASTE DITCH ON HELLGATE VALLEY IRRIGATION CO. SYSTEM.
7. HIAWATHA LAKE REACH FLOODPLAIN TERRACING AND WASTE MATERIAL PLACEMENT. SEE SHEETS 401 THROUGH ____.
8. HIAWATHA LAKE REACH CHANNEL CLEANING AND FLOODPLAIN TERRACING. SEE SHEETS 401 THROUGH ____.
9. PRUYN CHECK DAM MODIFICATIONS. SEE SHEET 418.
10. ABANDON EXISTING NORTH WASTE DITCH ON HELLGATE VALLEY IRRIGATION CO. SYSTEM. SEE SHEET ____.
11. NORTH IRRIGATION LATERAL DITCH DIVERSION STRUCTURE. SEE SHEET ____.
12. NORTH IRRIGATION LATERAL DITCH EXTENSION AND DITCH LINING. SEE SHEET ____.
13. MIDDLE HIAWATHA LAKE REACH CHANNEL CLEANING AND PROFILE ADJUSTMENT. SEE SHEETS ____ THROUGH 417.
14. UPPER HIAWATHA LAKE REACH CHANNEL ALIGNMENT MODIFICATION AND FLOODPLAIN TERRACING. SEE SHEETS ____ THROUGH ____.
15. HORSESHOE BEND REACH CHANNEL RE-ALIGNMENT AND FLOODPLAIN TERRACING. SEE SHEETS ____ THROUGH ____.
16. HORSESHOE BEND REACH EXISTING CHANNEL REMOVAL AND BACKFILLING. SEE GENERAL SITE PLAN SHEET ____
17. HIGHWAY 10 BOX CULVERT REPLACEMENT AND ROAD MODIFICATIONS. SEE SHEETS 501 THROUGH 503.
18. UPPER GRANT CREEK HIGHWAY 10 CHANNEL IMPROVEMENTS AND RAILROAD CROSSING MATERIAL REMOVAL DETAILS. SEE SHEETS ____ THROUGH ____ AND ____.
19. PEPSI CO. PLANT CULVERT REMOVAL AND CHANNEL RESTORATION. SEE SHEET 614.
20. IRRIGATION DIVERSION DAM DEMOLITION AND CHANNEL RESTORATION. SEE SHEET ____.
21. UPPER GRANT CREEK REACH MISCELLANEOUS CHANNEL IMPROVEMENTS AND MATERIAL REMOVAL. SEE SHEETS ____ THROUGH 812.

PROJECT GENERAL NOTES

1. UTILITIES SHOWN ARE AT LOCATIONS IDENTIFIED PREVIOUSLY BY ONE-CALL LOCATORS. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES INCLUDING ALL SERVICES TO ALL PROPERTIES. THESE DRAWINGS MAY NOT SHOW ALL UTILITIES. SEE SPECIFICATIONS FOR REQUIREMENTS REGUARDING UTILITIES. THE DEPTH OF ALL EXISTING UTILITIES ARE UNKNOWN.
2. NOT ALL OVERHEAD LINES ARE SHOWN ON THE DRAWINGS. WHERE MULTIPLE LINES GO FROM POLE TO SINGLE PROPERTY, ONLY SINGLE AERIAL POWER LINE HAS BEEN SHOWN FOR CLARITY.
3. THE FLIGHT DATE OF THE AERIAL PHOTOS FOR THIS PROJECT WAS APRIL, 1999. THE PHOTOS ARE FOR REFERENCE ONLY AND CANNOT BE RELIED UPON FOR THE LOCATIONS OF ANY PROPOSED OR EXISTING UTILITIES, STRUCTURES, OR FOR SCALE.
4. ALL WORK SHALL CONFORM TO THE MONTANA PUBLIC WORKS STANDARD SPECIFICATIONS, FIFTH EDITION, MARCH, 2003 AS REVISED BY SPECIAL PROVISIONS.
5. DATUM: NAD 83 HORIZONTAL
   NAVD 88 VERTICAL
6. COORDINATES GIVEN ARE IN GROUND. TO CONVERT TO GRID COORDINATES MULTIPLY BY 0.999246725.
7. DIAL BEFORE YOU DIG!
   CALL ONE CALL LOCATORS
   #1-800-424-5555
8. RIGHT-OF-WAY AND PROPERTY BOUNDRYS SHOWN ARE BASED UPON MISSOULA COUNTY OWNERSHIP DATABASE AND ARE APPROXIMATE.

HDR
HDR Engineering, Inc.

MAXIM TECHNOLOGIES INC®
A TETRA TECH COMPANY

MISSOULA COUNTY, MONTANA

GRANT CREEK RESTORATION AND FLOOD CONTROL

Project Manager: D. HARMON
Designed: D. HARMON
Drawn: B. NEWELL
Checked:
Project Number: 00000000005586
Date: JANUARY 2005

THIS LINE IS ONE INCH WHEN DRAWING IS FULL SIZE. IF NOT ONE INCH, SCALE ACCORDINGLY.

No	By	Description	Date

PROJECT AREA AND PROJECT CONTROL MAP, GENERAL NOTES

Sheet Number: 3
Issue:

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