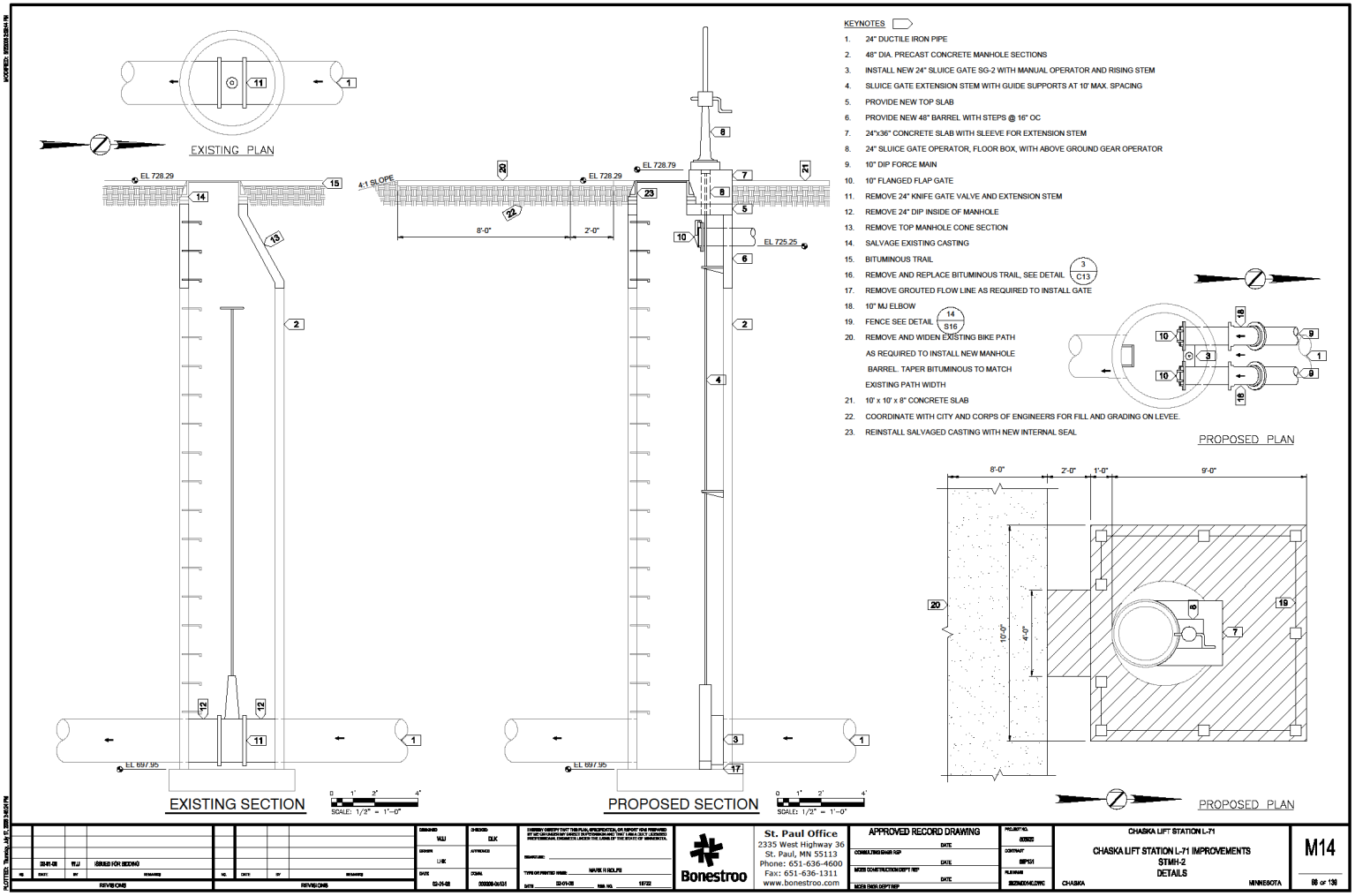
City of Chaska Flood Control System



KEYNOTES

1. 24" DUCTILE IRON PIPE
2. 48" DIA. PRECAST CONCRETE MANHOLE SECTIONS
3. INSTALL NEW 24" SLUICE GATE SG-2 WITH MANUAL OPERATOR AND RISING STEM
4. SLUICE GATE EXTENSION STEM WITH GUIDE SUPPORTS AT 10' MAX. SPACING
5. PROVIDE NEW TOP SLAB
6. PROVIDE NEW 48" BARREL WITH STEPS @ 16" OC
7. 24"x36" CONCRETE SLAB WITH SLEEVE FOR EXTENSION STEM
8. 24" SLUICE GATE OPERATOR, FLOOR BOX, WITH ABOVE GROUND GEAR OPERATOR
9. 10" DIP FORCE MAIN
10. 10" FLANGED FLAP GATE
11. REMOVE 24" KNIFE GATE VALVE AND EXTENSION STEM
12. REMOVE 24" DIP INSIDE OF MANHOLE
13. REMOVE TOP MANHOLE CONE SECTION
14. SALVAGE EXISTING CASTING
15. BITUMINOUS TRAIL
16. REMOVE AND REPLACE BITUMINOUS TRAIL, SEE DETAIL 3/C13
17. REMOVE GROUTED FLOW LINE AS REQUIRED TO INSTALL GATE
18. 10" MJ ELBOW
19. FENCE SEE DETAIL 14/S16
20. REMOVE AND WIDEN EXISTING BIKE PATH AS REQUIRED TO INSTALL NEW MANHOLE BARREL. TAPER BITUMINOUS TO MATCH EXISTING PATH WIDTH
21. 10' x 10' x 8" CONCRETE SLAB
22. COORDINATE WITH CITY AND CORPS OF ENGINEERS FOR FILL AND GRADING ON LEVEE.
23. REINSTALL SALVAGED CASTING WITH NEW INTERNAL SEAL

REVISIONS			
20-01-08	WJJ	ISSUED FOR BIDDING	

DESIGNED: WJJ
DRAWN: LSC
CHECKED: CLK
APPROVED:
DATE: 02-01-08
FINAL:
2000208-04101

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 MINNESOTA.

SIGNATURE:
TYPED OR PRINTED NAME: WAYNE H. NICOLAS
DATE: 02-01-08 LIC. NO. 19722

Bonestroo

St. Paul Office
2335 West Highway 36
St. Paul, MN 55113
Phone: 651-636-4600
Fax: 651-636-1311
www.bonestroo.com

APPROVED RECORD DRAWING
CONSULTING ENGINEER REP — DATE
MCES CONSTRUCTION DEPT REP — DATE
MCES ENGR DEPT REP

PROJECT NO. 2000208
CONTRACT 08P101
FILENAME 2000208-M2.DWG

CHASKA LIFT STATION L-71

CHASKA LIFT STATION L-71 IMPROVEMENTS
STMH-2
DETAILS

CHASKA MINNESOTA

M14

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PLOTTED: Thursday, Jan 17, 2008 - 8:45:47 PM
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