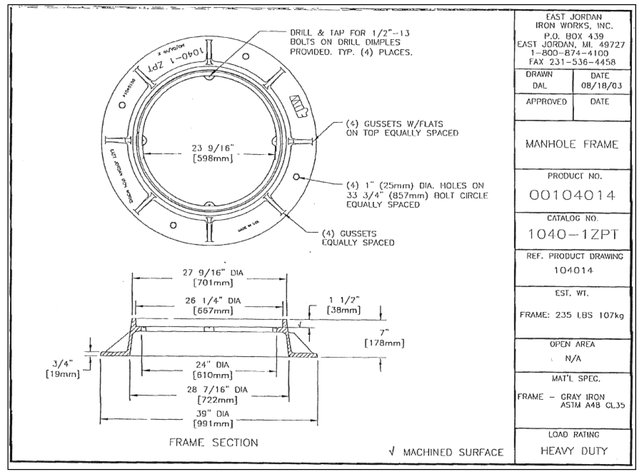


EAST JORDAN IRON WORKS, INC.
P.O. BOX 439
EAST JORDAN, MI. 49727
1-800-874-4100
FAX 231-536-4458

DRAWN	DATE
DAL	08/18/03
APPROVED	DATE

MANHOLE FRAME

PRODUCT NO.
00104014

CATALOG NO.
1040-1ZPT

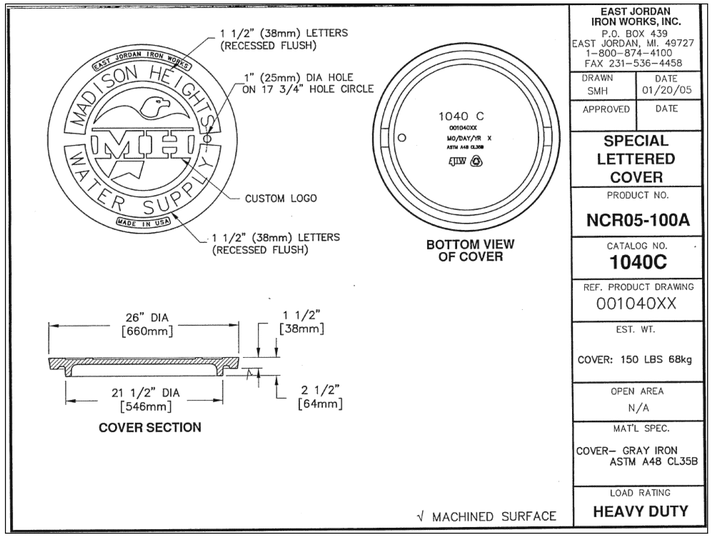
REF. PRODUCT DRAWING
104014

EST. WT.
FRAME: 235 LBS 107kg

OPEN AREA
N/A

MAT'L SPEC.
FRAME - GRAY IRON ASTM A48 CL35

LOAD RATING
HEAVY DUTY



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1-800-874-4100
FAX 231-536-4458

DRAWN	DATE
SMH	01/20/05
APPROVED	DATE

SPECIAL LETTERED COVER

PRODUCT NO.
NCR05-100A

CATALOG NO.
1040C

REF. PRODUCT DRAWING
001040XX

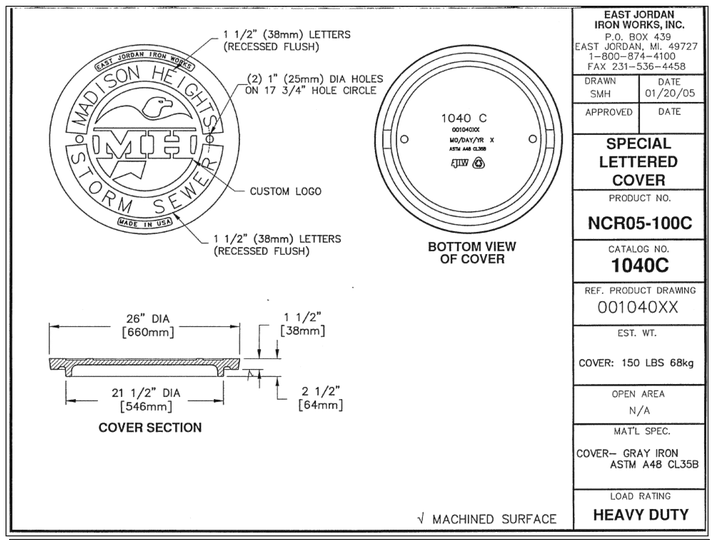
EST. WT.
COVER: 150 LBS 68kg

OPEN AREA
N/A

MAT'L SPEC.
COVER- GRAY IRON ASTM A48 CL35B

LOAD RATING
HEAVY DUTY

√ MACHINED SURFACE



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EAST JORDAN, MI. 49727
1-800-874-4100
FAX 231-536-4458

DRAWN	DATE
SMH	01/20/05
APPROVED	DATE

SPECIAL LETTERED COVER

PRODUCT NO.
NCR05-100C

CATALOG NO.
1040C

REF. PRODUCT DRAWING
001040XX

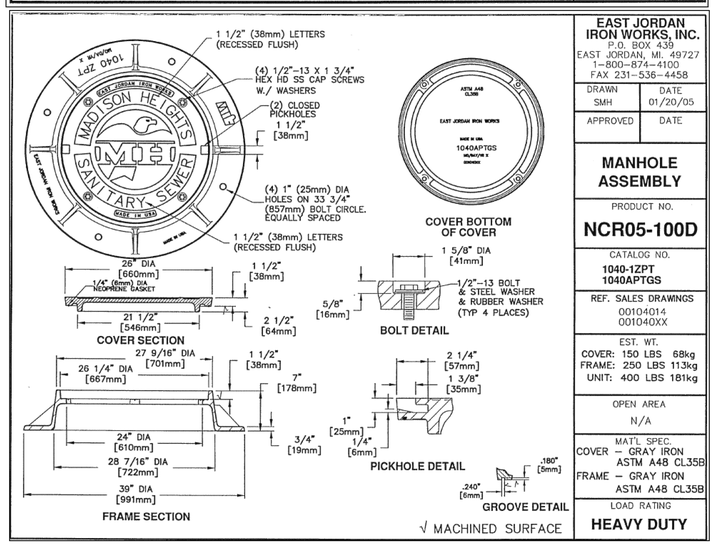
EST. WT.
COVER: 150 LBS 68kg

OPEN AREA
N/A

MAT'L SPEC.
COVER- GRAY IRON ASTM A48 CL35B

LOAD RATING
HEAVY DUTY

√ MACHINED SURFACE



√ MACHINED SURFACE

EAST JORDAN IRON WORKS, INC.
P.O. BOX 439
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1-800-874-4100
FAX 231-536-4458

DRAWN	DATE
SMH	01/20/05
APPROVED	DATE

MANHOLE ASSEMBLY

PRODUCT NO.
NCR05-100D

CATALOG NO.
1040-1ZPT
1040APTGS

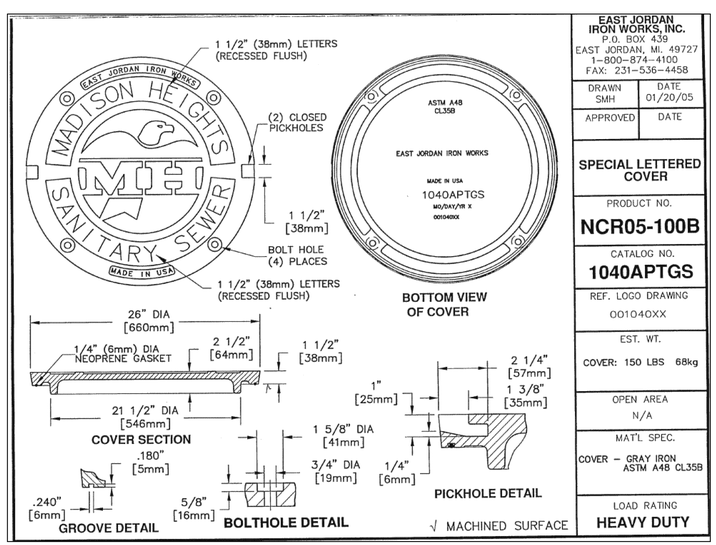
REF. SALES DRAWINGS
00104014
001040XX

EST. WT.
COVER: 150 LBS 68kg
FRAME: 250 LBS 113kg
UNIT: 400 LBS 181kg

OPEN AREA
N/A

MAT'L SPEC.
COVER - GRAY IRON ASTM A48 CL35B
FRAME - GRAY IRON ASTM A48 CL35B

LOAD RATING
HEAVY DUTY



√ MACHINED SURFACE

EAST JORDAN IRON WORKS, INC.
P.O. BOX 439
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1-800-874-4100
FAX: 231-536-4458

DRAWN	DATE
SMH	01/20/05
APPROVED	DATE

SPECIAL LETTERED COVER

PRODUCT NO.
NCR05-100B

CATALOG NO.
1040APTGS

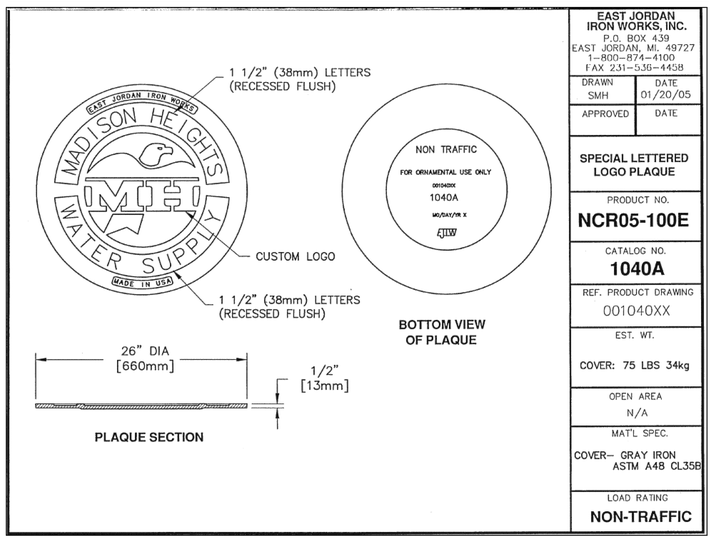
REF. LOGO DRAWING
001040XX

EST. WT.
COVER: 150 LBS 68kg

OPEN AREA
N/A

MAT'L SPEC.
COVER - GRAY IRON ASTM A48 CL35B

LOAD RATING
HEAVY DUTY



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DRAWN	DATE
SMH	01/20/05
APPROVED	DATE

SPECIAL LETTERED LOGO PLAQUE

PRODUCT NO.
NCR05-100E

CATALOG NO.
1040A

REF. PRODUCT DRAWING
001040XX

EST. WT.
COVER: 75 LBS 34kg

OPEN AREA
N/A

MAT'L SPEC.
COVER- GRAY IRON ASTM A48 CL35B

LOAD RATING
NON-TRAFFIC

NOWAK & FRAUS

Consulting Engineers
Land Surveyors
Land Planners

1310 N. Stephenson Highway
Royal Oak, MI 48067-1508
Tel. (248) 399-0886
Fax. (248) 399-0805

SEAL

STATE OF MICHIGAN
TIMOTHY L. GERMAIN
ENGINEER
NO. 42595
LICENSED PROFESSIONAL ENGINEER

PROJECT
City of Madison Heights

CLIENT
City of Madison Heights
300 W. 13 Mile Road
Madison Heights,
MI 48071

PROJECT LOCATION
City of Madison Heights,
Oakland County, MI

SHEET
City Standard Manhole Cover Detail Sheet

72 HOURS (3 WORKING DAYS) BEFORE YOU DIG CALL MISS DIG 1-800-482-7171 (TOLL FREE)

DATE: REVISION:

DRAWN BY:
M. Carnaghi

DESIGNED BY:
B. Brickel

APPROVED BY:
T. Germain

DATE:
February 13, 2006

SCALE:
N.T.S.

SHEET NO.
D5