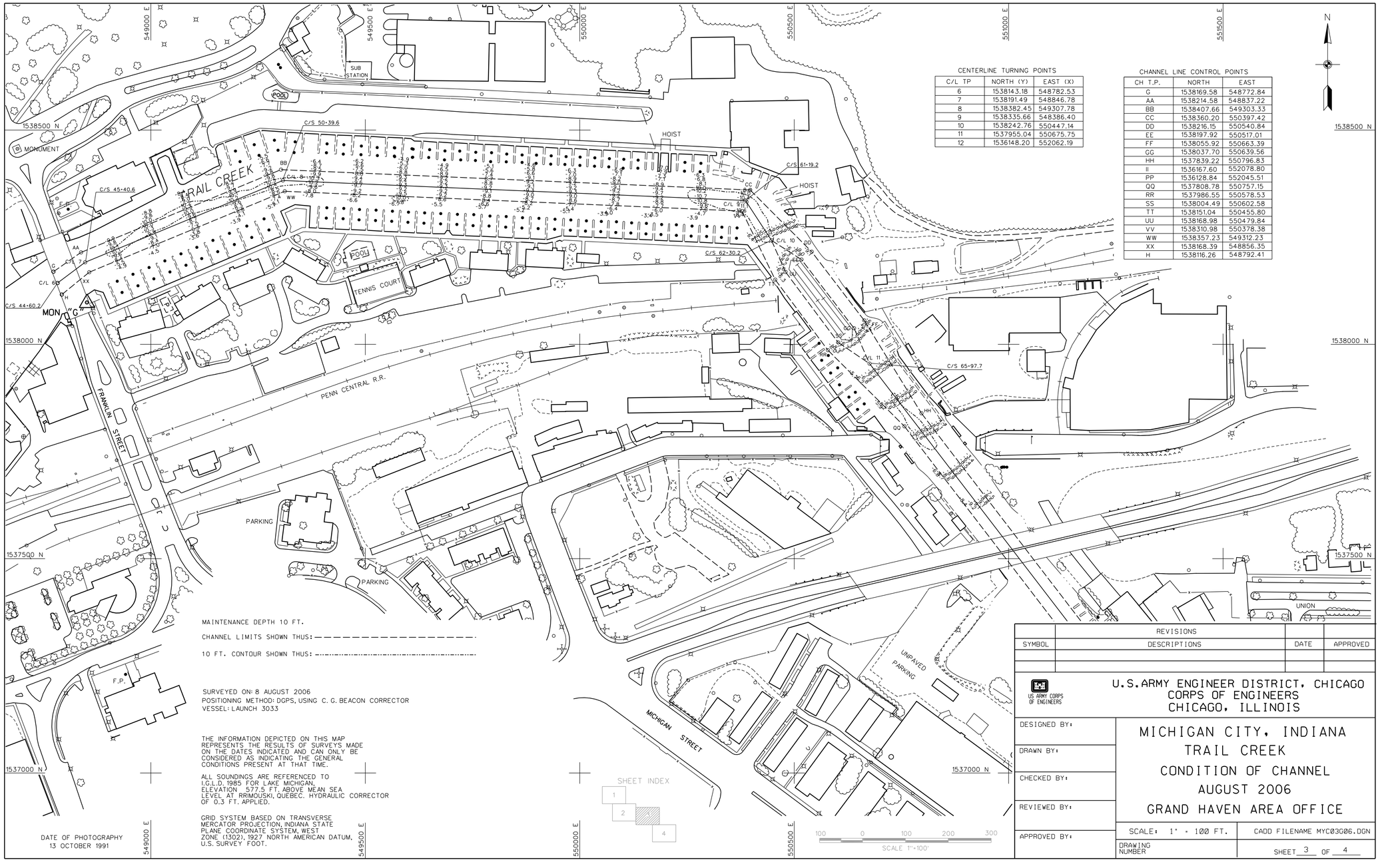


CENTERLINE TURNING POINTS

C/L TP	NORTH (Y)	EAST (X)
6	1538143.18	548782.53
7	1538191.49	548846.78
8	1538382.45	549307.78
9	1538335.66	548386.40
10	1538242.76	550447.14
11	1537955.04	550675.75
12	1536148.20	552062.19

CHANNEL LINE CONTROL POINTS

CH T.P.	NORTH	EAST
G	1538169.58	548772.84
AA	1538214.58	548837.22
BB	1538407.66	549303.33
CC	1538360.20	550397.42
DD	1538216.15	550540.84
EE	1538197.92	550517.01
FF	1538055.92	550663.39
GG	1538037.70	550639.56
HH	1537839.22	550796.83
II	1536167.60	552078.80
PP	1536128.84	552045.51
QQ	1537808.78	550757.15
RR	1537986.55	550578.53
SS	1538004.49	550602.58
TT	1538151.04	550455.80
UU	1538168.98	550479.84
VV	1538310.98	550378.38
WW	1538357.23	549312.23
XX	1538168.39	548856.35
H	1538116.26	548792.41

MAINTENANCE DEPTH 10 FT.

CHANNEL LIMITS SHOWN THUS: —

10 FT. CONTOUR SHOWN THUS: —·—·—·—·—·—·—·—·—·—·—·—·—·—·—·—·—·—·—·—

SURVEYED ON: 8 AUGUST 2006
POSITIONING METHOD: DGPS, USING C. G. BEACON CORRECTOR
VESSEL: LAUNCH 3033

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THAT TIME.

ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. 1985 FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RRIMOUSKI, QUEBEC. HYDRAULIC CORRECTOR OF 0.3 FT. APPLIED.

GRID SYSTEM BASED ON TRANSVERSE MERCATOR PROJECTION, INDIANA STATE PLANE COORDINATE SYSTEM, WEST ZONE (1302), 1927 NORTH AMERICAN DATUM, U.S. SURVEY FOOT.

DATE OF PHOTOGRAPHY
13 OCTOBER 1991

REVISIONS			
SYMBOL	DESCRIPTIONS	DATE	APPROVED

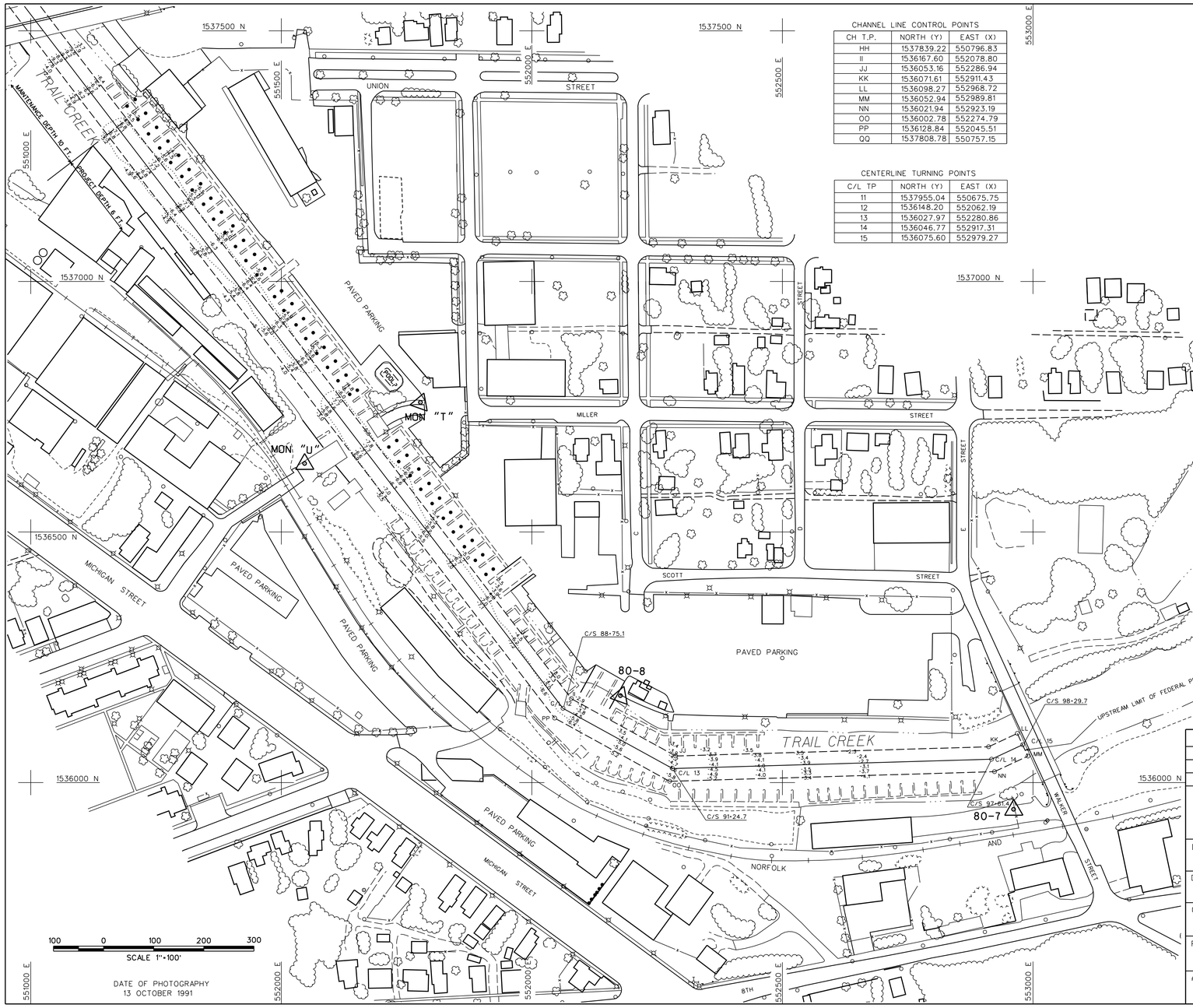
US ARMY CORPS OF ENGINEERS

U.S. ARMY ENGINEER DISTRICT, CHICAGO
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

DESIGNED BY:
DRAWN BY:
CHECKED BY:
REVIEWED BY:
APPROVED BY:

MICHIGAN CITY, INDIANA
TRAIL CREEK
CONDITION OF CHANNEL
AUGUST 2006
GRAND HAVEN AREA OFFICE

SCALE: 1" = 100 FT.
CADD FILENAME MYC03006.DGN
DRAWING NUMBER
SHEET 3 OF 4



CHANNEL LINE CONTROL POINTS

CH T.P.	NORTH (Y)	EAST (X)
HH	1537839.22	550796.83
II	1536167.60	552078.80
JJ	1536053.16	552286.94
KK	1536071.61	552911.43
LL	1536098.27	552968.72
MM	1536052.94	552989.81
NN	1536021.94	552923.19
OO	1536002.78	552274.79
PP	1536128.84	552045.51
QQ	1537808.78	550757.15

CENTERLINE TURNING POINTS

C/L TP	NORTH (Y)	EAST (X)
11	1537955.04	550675.75
12	1536148.20	552062.19
13	1536027.97	552280.86
14	1536046.77	552917.31
15	1536075.60	552979.27

SHEET INDEX

1 2 3 4

N

SURVEYED: 8 AUGUST 2006
POSITIONING METHOD: DGPS. USING C. G. BEACON CORRECTOR
VESSEL: LAUNCH 3033

MAINTENANCE DEPTH 10 FT.

PROJECT DEPTH 6 FT.

CHANNEL LIMITS SHOWN THUS: — — — — — — — — — — — — — —

10 FT. CONTOUR SHOWN THUS: —·—·—·—·—·—·—·—·—·—·—·—·—·—

6 FT. CONTOUR SHOWN THUS: ·····

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THAT TIME.

ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. 1985 FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC. HYDRAULIC CORRECTOR OF 0.3 FT. APPLIED.

GRID SYSTEM BASED ON TRANSVERSE MERCATOR PROJECTION, INDIANA STATE PLANE COORDINATE SYSTEM, WEST ZONE (1302), 1927 NORTH AMERICAN DATUM, U.S. SURVEY FOOT.

REVISIONS			
SYMBOL	DESCRIPTIONS	DATE	APPROVED

US ARMY CORPS OF ENGINEERS

U.S. ARMY ENGINEER DISTRICT, CHICAGO
CORPS OF ENGINEERS
CHICAGO, ILLINOIS

DESIGNED BY:
DRAWN BY:
CHECKED BY:
REVIEWED BY:
APPROVED BY:

MICHIGAN CITY, INDIANA
TRAIL CREEK
CONDITION OF CHANNEL
AUGUST 2006
GRAND HAVEN AREA OFFICE

SCALE: 1" = 100 FT.

CADD FILENAME MYC04G06.DGN

DRAWING NUMBER

SHEET 4 OF 4