HIGHWAY NO. 169

HOLT ST. NW.

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- ROAD CENTERLINE
- WATERMAIN
- SANITARY SEWER
- STORM SEWER
- FENCE

SILT FENCE

BENCH MARK LOCATION
TNH ELEV.=981.00

EX. HYD & GV
TNH 981.00

EX SSMH
RIM 978.33
INV W 963.13
INV S 963.03

EXISTING SIGN
(TYP.)

SIGN BY
OTHERS

CB3
2'X3'
RIM 978.80
INV 974.80

6'-12" RCP @ 1.0%

CBMH2
48" DIAM.
RIM 978.80
INV 974.75

104'-12" RCP @ 1.0%

FUTURE IMPROVEMENTS
BY OTHERS

ROCK CONSTRUCTION ENTRANCE

CBMH1
48" DIAM.
RIM 978.75
E. INV 973.70
S. INV 973.58

~~COMB. DOM/FIRE SERV. 6" G.V. & 6"x6" REDUCER CONN TO EX. 8" WTR SERV. AT STREET~~

SITE

TAPER CURB TO ZERO

PROPOSED
BUILDING
10,560 S.F.
FFE 981.50

LOT SIZE
50,031 SF

TAPER CURB TO ZERO

ROOF STM LEAD
34'-12" PVC @ 1.0% MIN.
ELEV. 972.28

6" SEWER SERV. @1.0% MIN.
CONN TO EX. 6" SWR SERV.
INV=975.00

50'

PLAY-YARD AREA

INLET PROTECTION (TYP)
SEE DETAIL

EX SSMH
RIM 977.45
INV NW 963.85
INV E 963.75

EX CB
RIM 976.19
INV 968.92

EX CB
RIM 976.80
INV 968.73

27" FES
INV 968.45

EX CB
RIM 976.50
INV 969.38

EX. 8" PVC @ 0.41%

EX. 10" WM

168'-15" RCP @ 1.0%

CONN TO EX. STM MH
N. INV 971.85

MATCH

8" PVC @ 0.49%

EX. 8" PVC @ 0.37%

EX. 10" WM

EX SSMH
RIM 979.38
INV N 965.23
INV S 963.13

EX. 6" SAN SERV.
INV 965.00

EX. 6" SAN SERV.
INV 965.25

EX. 8" WTR SERV.

END OF EX. BIT.

EX. 6" SAN SERV.
INV 965.95

ACCESS ROAD CONSTRUCTION BY OTHERS

EX. 8" WM

EX. 8" WM

EX SSMH
RIM 976.59
INV N 964.33
INV SE 964.23

REPLACE EX. CURB
& GUTTER AND PAVEMENT,
MATCH EXISTING

EX CB
RIM 976.36
INV 969.64

8"-6" REDUCER 3' BACK OF CURB 6" GATE VALVE 4' BACK OF CURB 6" 45°

TRASH ENC.

18' 14' 10'

CURB

20 0 20 40 60

Horiz. Scale: 1" = 20'

WARNING
CONTRACTOR SHALL CALL GOPHER STATE ONE CALL BEFORE DIGGING.
1-800-252-1166
REQUIRED BY LAW

NOTE:
ANY PUBLIC UTILITIES SHOWN ON THIS PLAN ARE ONLY APPROXIMATE IN DEPTH AND LOCATION AND MUST BE VERIFIED BY THE CONTRACTOR. OTHER UTILITIES MAY EXIST AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE LOCATION OF SUCH.

New Horizon - Elk Ridge
Grading & Utility Plan

DRAWING NUMBER

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 55052

Thatcher

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.
Print Name: JOHN C. HILL
Signature: [signature]
Date: 02/14/06 License #: 44243

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.
Print Name:
Signature:
Date: License #:

AUTHORITY:
Portfolio Design Services

PROJECT TITLE:
New Horizon - Elk Ridge

REVISIONS

NO.	DATE	DRWN	CHKD	APP'VD	COMMENTS
1					
2					
3					
4					
5					
6					

DRAWN MPD
CF
DATE 2/14/06
PRO
VERT. SCALE=
HORIZ. SCALE=

Planning File: [illegible]
Path: G:\Civil Projects\Elk Ridge Planning\Grading\
Xref Files: G:\Civil Projects\Elk Ridge\Grading\Xref\

DRAWING

DRAWING NUMBER
NEWHO.06-01