

--- PROPOSED
CONTOURS
--- AS-GRADED
CONTOURS

X=###.## = Actual asbuilt ground shots
taken on July 14, 2023.

Contours shown are asbuilt.

LOT 152

PROP CNR
E-F=963.75
963.81

FIELD INLET
TOP=964.45
THROAT=963.52

PROP CNR
E-F=963.45
X=963.86

PROP CNR
E-F=962.04
962.55

TRANSFORMER PAD

LOT 153

LOT 154

CURB INLET
TOP=968.19

HP=967.50

E=968.14
F=968.41
968.31

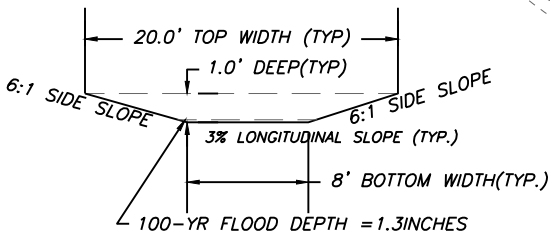
TOP CURB
E=965.70

MH 5-A2
STA 3+10.85
TOP 964.96
FL 950.86
FL 951.13
FL 950.98

SW 12TH ST
50' RW

SAN STUB
STA 3+70.55
LENGTH 32'
SLOPE 2.00%
MSFE 953.31+(3.5')

MH 5-A3
STA 4+69.80
TOP 959.99
FL 952.34
FL 952.54
FL 952.59



DRAINAGE SWALE CALCULATIONS:
DRAINAGE AREA = 0.48 AC
RATIONAL RUNOFF COE. = 0.3 (LAWN)
100-YR RAIN INTENSITY = 12.6 IN/HR
PEAK DISCHARGE = 1.81 CFS
100-YR FLOW DEPTH = 1.3 INCHES
FLOW VELOCITY = 1.85 FT/S
GROUND COVER = GRASS

As-Graded Plot Plan Required
Prior to Occupancy

LEGEND

- Gas Meter
- Telephone or Fiber-Optic Pedestal
- Cable TV Pedestal
- Electric Pedestal
- Light Pole
- Mailbox
- Fire Hydrant
- Water Valve

PROPOSED HOUSE

TOP FOUNDATION = 969.00
GARAGE FLOOR = 968.00
TOP FOOTING = 960.00
BASEMENT FLOOR = 960.33
DRIVE SLOPE = 7.7%

E = EXISTING ELEVATION
F = PROPOSED FINAL ELEVATION
G = ADJACENT GRADE AT EGRESS
U/E = UTILITY EASEMENT
B/L = BUILDING LINE
S/Y/S = SIDE YARD SETBACK
R/Y/S = REAR YARD SETBACK

NOTES

- BUILDER TO VERIFY ALL BUILDING ELEVATIONS AND DIMENSIONS.
- THIS PLOT PLAN DOES NOT CONSTITUTE A BOUNDARY SURVEY.
- THE EASEMENTS SHOWN ON THIS PLOT PLAN ARE TAKEN FROM THE FINAL PLAT. OTHER EASEMENTS MAY EXIST.

OS BAR
E=968.09

OS BAR
E=967.04

E=966.08
F=968.25

OS BAR
E=963.78

18.17'
COVERED
DECK
6' WALL
12.00'

31.17'
E=963.96
F=965.25

EGRESS
TOP=965.75
G=965.25

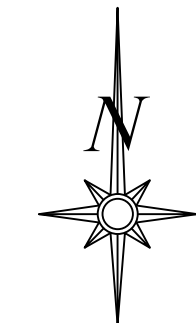
HOUSE
9' WALLS
DAYLIGHT

13.83'
2.50'
10.50'
21.83'
10.00'
2.00'
20.00'
21.33'
10.67'
8.17'
9.17'
6.17'
11.17'
4.00'
10.67'

E=968.02
F=968.00

OS BAR
E=964.62

Scale 1"=20'



Scale 1"=30'

LOT INFORMATION

10,806 SQ. FT.
MSFE = 956.81
ADDRESS
2754 SW 12TH ST

LEGAL DESCRIPTION
LOT 153, HIGHLAND MEADOWS,
FIFTH PLAT, A SUBDIVISION AS
RECORDED IN LEE'S SUMMIT,
JACKSON COUNTY, MISSOURI.

OS BAR
E=968.09

AS-GRADED PLOT PLAN - LOT 153

HIGHLAND MEADOWS 5TH PLAT
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

NEW MARK HOMES
P.O. BOX 12025
PARKVILLE, MO 64152

PROJECT NO.	FILE NAME	DATE	SHEET	OF
1	LOT 153, HIGHLAND MEADOWS	7/5/22	1	1

ENGINEERING
ENGINEERING & SURVEYING
SOLUTIONS

50 SE 30TH STREET
LEE'S SUMMIT, MO 64082
P: (816) 623-9888 F: (816) 623-9849
WWW.ENGINEERINGSOLUTIONSKC.COM

THIS DRAWING IS NOT VALID UNLESS THE SIGNATURE, DATE AND SEAL OF THE ENGINEER WHO SUPERVISED THE PREPARATION OF THIS DRAWING HAS BEEN AFFIXED HERETO.

