

| Retreat at Hook Farms 1st Plat As-Built | | | | |
|---|----------------|-----------------|-----------------|------------------|
| Minimum Building Opening Elevation | | | | |
| Lot | Rear Left MBOE | Rear Right MBOE | Front Left MBOE | Front Right MBOE |
| 50 | 952.42 | 952.94 | 960.98 | 960.76 |
| 51 | 952.94 | 953.52 | 960.76 | 959.28 |
| 52 | 953.52 | 952.01 | 959.28 | 958.46 |
| 53 | 952.01 | 948.67 | 958.46 | 957.21 |
| 54 | 948.67 | 948.49 | 957.21 | 955.39 |
| 55 | 954.85 | 946.10 | 953.60 | 950.02 |
| 56 | 946.10 | 944.45 | 949.93 | 950.47 |
| 57 | 943.97 | 945.19 | 950.47 | 951.82 |
| 58 | 945.43 | 946.43 | 952.22 | 953.52 |
| 59 | 946.43 | 948.19 | 953.52 | 955.11 |
| 60 | 948.19 | 949.34 | 955.11 | 956.57 |
| 61 | 949.34 | 950.58 | 956.57 | 957.68 |
| 62 | 950.58 | 950.66 | 957.68 | 958.62 |
| 63 | 950.66 | 950.58 | 958.62 | 959.39 |
| 64 | 950.58 | 952.76 | 959.39 | 960.14 |
| 65 | 952.76 | 953.90 | 960.14 | 961.06 |
| 66 | 953.90 | 954.65 | 961.06 | 961.71 |
| 67 | 954.65 | 955.13 | 961.71 | 962.52 |
| 68 | 955.13 | 956.12 | 962.52 | 963.36 |
| 69 | 956.12 | 957.32 | 963.36 | 965.29 |
| 70 | 957.32 | 958.49 | 965.29 | 967.98 |
| 71 | 958.49 | 961.30 | 967.98 | 971.34 |
| 72 | 961.30 | 965.85 | 971.34 | 972.83 |
| 73 | 965.85 | 969.85 | 972.83 | 973.26 |
| 74 | 979.70 | 978.92 | 973.42 | 973.50 |
| 75 | 965.08 | 963.07 | 963.13 | 961.79 |
| 76 | 963.07 | 962.17 | 961.79 | 960.89 |
| 77 | 962.17 | 960.05 | 960.89 | 959.31 |
| 78 | 959.83 | 959.70 | 959.29 | 958.42 |
| 79 | 959.70 | 958.92 | 958.42 | 957.64 |
| 80 | 958.92 | 957.75 | 957.64 | 956.47 |
| 81 | 955.92 | 957.62 | 954.09 | 956.34 |
| 82 | 955.62 | 959.55 | 954.34 | 958.27 |
| 83 | 959.55 | 960.40 | 958.27 | 959.12 |
| 84 | 960.40 | 960.14 | 959.12 | 959.69 |
| 85 | 961.85 | 962.64 | 960.57 | 961.36 |
| 86 | 962.82 | 960.33 | 961.36 | 961.26 |
| 87 | 960.35 | 963.20 | 961.22 | 965.13 |
| 88 | 963.20 | 965.93 | 965.13 | 968.03 |
| 89 | 965.93 | 965.08 | 969.03 | 971.35 |
| 90 | 965.08 | 965.44 | 971.35 | 972.90 |
| 91 | 965.44 | 967.81 | 972.90 | 971.68 |
| 92 | 974.78 | 973.81 | 973.50 | 972.53 |
| 93 | 973.81 | 973.63 | 972.53 | 970.65 |
| 94 | 973.65 | 970.71 | 970.65 | 968.04 |
| 95 | 970.71 | 966.53 | 968.04 | 965.94 |
| 96 | 966.53 | 962.82 | 965.94 | 963.23 |
| 97 | 962.61 | 961.60 | 963.23 | 961.20 |
| 98 | 961.60 | 959.86 | 961.20 | 960.29 |
| 99 | 959.86 | 958.38 | 960.29 | 959.42 |

MBOE elevations have been provided per lot lines, facing the lot from the street. Interpolation will be allowed between the right and left side MBOE's provided, depending on the location of the lowest opening on the proposed structure.

- NOTES:
- INDIVIDUAL LOT OWNERS SHALL NOT CHANGE OR OBSTRUCT THE DRAINAGE FLOW LINES OR PATHS ON THE LOTS, AS SHOWN ON THE WATER DRAINAGE PLAN, UNLESS SPECIFIC APPLICATION IS MADE AND APPROVED BY THE CITY ENGINEER.
 - PLAT IS LOCATED IN ZONE X, "AREAS OUTSIDE THE 1-PERCENT ANNUAL CHANCE FLOODPLAINS, AREAS OF 1-PERCENT ANNUAL CHANCE SHEET FLOOD FLOODING WHERE THE AVERAGE DEPTHS ARE LESS THAN 1 FOOT, AREAS OF 1-PERCENT ANNUAL CHANCE STREAM FLOODING WHERE THE CONTRIBUTING DRAINAGE AREA IS LESS THAN 1 SQUARE MILE, OR AREAS PROTECTED FROM THE 1-PERCENT ANNUAL CHANCE FLOOD BY LEVEES. NO BASE FLOOD ELEVATIONS OR DEPTHS ARE SHOWN WITHIN THIS ZONE"
 - BUFFER ZONE FOR NATURAL STREAMS IS LOCATED WITHIN PLAT.
 - MLO ELEVATIONS HAVE BEEN PROVIDED PER LOT LINES. INTERPOLATION WILL BE ALLOWED BETWEEN THE RIGHT AND LEFT SIDE MBOES SHOWN ON THE MASTER DRAINAGE PLAN, DEPENDING ON THE LOCATION OF THE LOWEST OPENING ON THE PROPOSED STRUCTURE.
 - SWALES TO BE CONSTRUCTED BETWEEN EACH OF THE LOTS 75-84, 92-94 TO DRAIN TOWARDS THE ROADWAY.
 - NO BUILDING PERMITS WILL BE ISSUED UNTIL AN AS-GRADED MASTER DRAINAGE PLAN HAS BEEN SUBMITTED TO THE CITY AND APPROVED BY THE CITY.

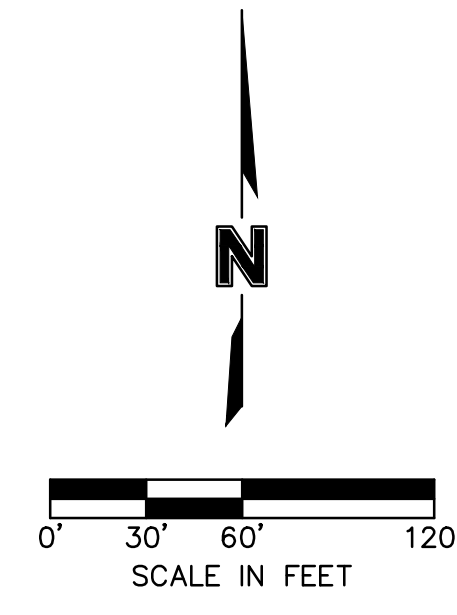
RMLO - REAR MINIMUM LOW OPENING
 FMLO - FRONT MINIMUM LOW OPENING

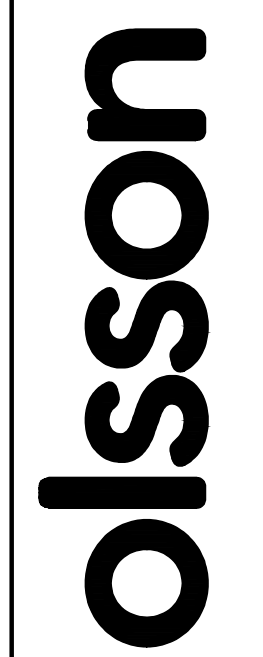
LOT TYPES:
 S - STANDARD
 D - DAYLIGHT
 W - WALKOUT

AS-BUILT
 2021.09.01

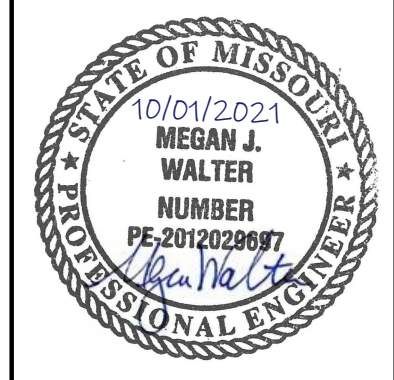
ACCEPTED - MDP
 This Master Drainage Plan (MDP) is accepted for basic conformance to the approved grading design and may be used for the review of individual lot grading plans.

DWG: F:\2019\4001-4059\40-Design\AutoCAD\Final Plans\As-Built\Sheets\GNCV\C_DRN02_0194059.dwg
 DATE: Oct 01, 2021 1:33pm
 XREFS: C_PTBK_0194059_34x22 C_PBASE_0194059 C_PSSWR_0194059 C_PWATR_0194059 C_PSTRM_0194059 C_PBNDY_0194059 C_XBASE_0194059
 USER: nheiser





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| REV. NO. | DATE | REVISIONS DESCRIPTION |
|----------|------------|-------------------------------------|
| 1 | 06-24-2020 | CITY COMMENTS |
| 2 | 02-01-2021 | ADDED HOOK ROAD SWALE |
| 3 | 04-06-2021 | SWALE AND ADA RAMP REVISIONS |
| 4 | 05-04-2021 | ADA RAMP REVISIONS |
| 5 | 06-11-2021 | HEARTHSTONE PLACE ENTRANCE REVISION |

REVISIONS

| BY | DATE | DESCRIPTION |
|----|------|-------------|
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| | | |
| | | |

MASTER DRAINAGE PLAN
STREET AND STORM SEWER PLANS
THE RETREAT AT HOOK FARMS
CONSTRUCTION DOCUMENTS
 LEE'S SUMMIT, MO

SHEET C119
 20 OF 54