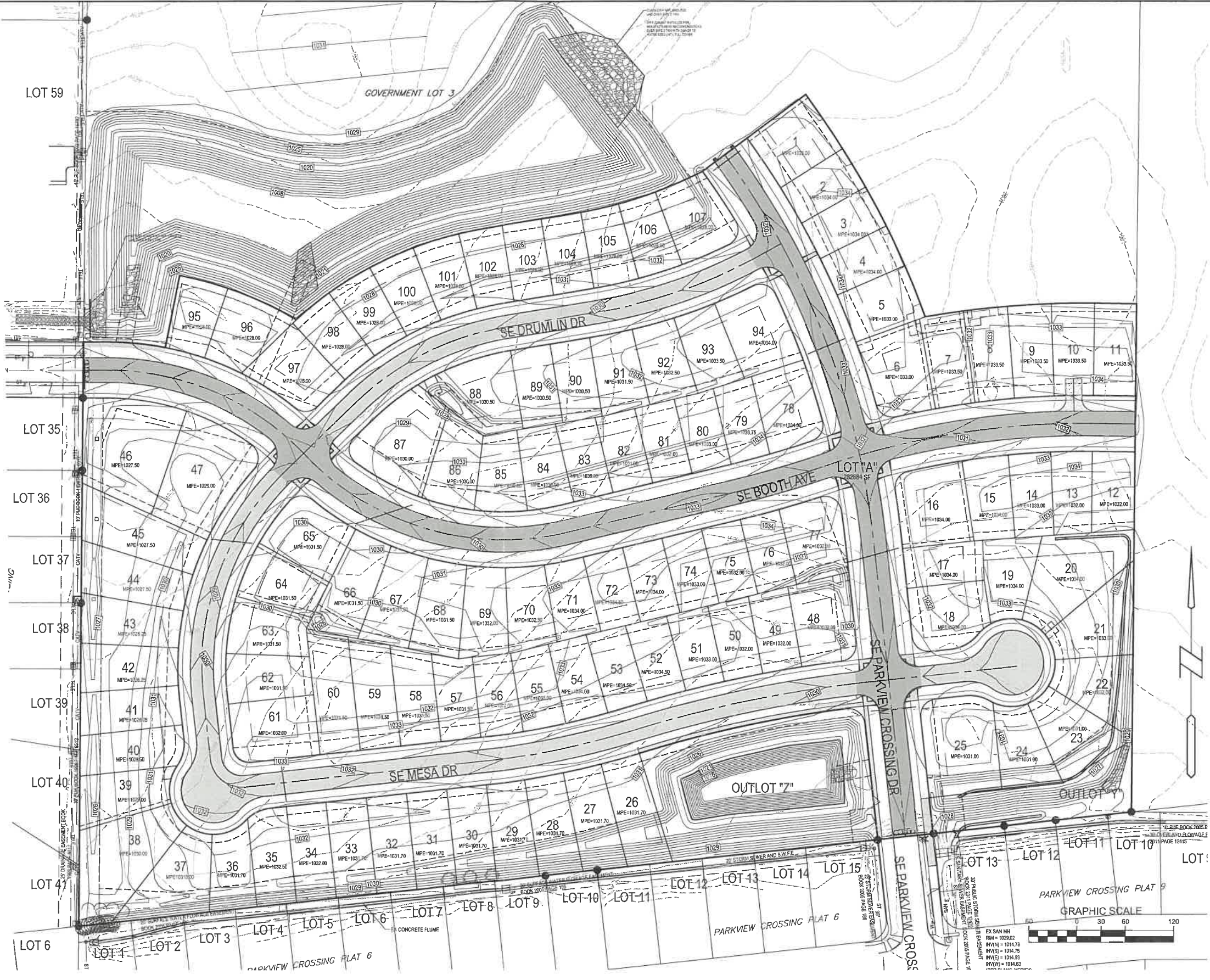


- MINIMUM PROTECTION ELEVATION NOTES (APPLIES TO ALL LOTS):**
1. MINIMUM PROTECTION ELEVATIONS (MPE) ARE FOR REFERENCE ONLY. ENGINEER CERTIFICATION DOES NOT COVER AS-BUILT HOMES. ALL LOTS, WITH OR WITHOUT MPE'S, SHALL BE REVIEWED FOR CONFORMANCE WITH THE STORMWATER MANAGEMENT PLAN AND GRADING PLAN. THESE NOTES APPLY TO ALL LOTS, WITH OR WITHOUT MPE'S.
 2. THE HOME BUILDER SHALL ENSURE ALL DRAINAGE SWALES ARE MAINTAINED AND/OR PROTECTED AS DESIGNED DURING HOME CONSTRUCTION AS INTENDED IN THE ORIGINAL DESIGN AND APPROVED BY THE CITY.
 3. HOME BUILDERS SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE AWAY FROM THE HOUSE AND CONVEYED TO THE DRAINAGE SWALES OR STREETS WITHOUT ADVERSELY EFFECTING NEIGHBORING PROPERTIES.
 4. LOTS WITH ASTERISK (*) DRAIN FROM REAR TO FRONT. HOME BUILDER SHALL BE RESPONSIBLE FOR THE CONVEYANCE OF ALL STORM WATER ACROSS SUBJECT LOT. DRAINAGE SHALL BE CONVEYED AROUND THE SIDES OF THE HOUSE AND TO THE STREET.
 5. MPE'S LISTED DO NOT ACCOUNT FOR DRAINAGE THROUGH SIDE YARDS INCLUDING THE OVERTOPPING OF LOW POINTS. THE HOME BUILDER SHALL BE RESPONSIBLE FOR GRADING THE SIDE YARD TO ACCOUNT FOR THE VARYING DEPTH OF FLOW AND ENSURING FLOOD PROTECTION AND POSITIVE DRAINAGE AWAY FROM THE HOUSE.
 6. MPE'S PROVIDED ARE BASED ON PROPOSED CONTOURS AND NOT ACTUAL AS-BUILT GRADES. HOME BUILDERS MUST ADJUST MPE'S ACCORDINGLY AND GRADE LOT TO HAVE POSITIVE DRAINAGE TO PROPERTY LINES AND PUBLIC WAYS.
 7. MPE'S LISTED DO NOT ACCOUNT FOR DEPTH OF SANITARY SERVICE. THE HOME BUILDER SHALL BE RESPONSIBLE FOR VERIFYING THE DEPTH OF THE SERVICES AND SET THE BASEMENT ELEVATION ACCORDINGLY.
 8. FOR LOTS WITH DIRECTIONS IN BRACKETS, THE MPE APPLIES IN THE LOCATION SHOWN IN BRACKETS. FOR EXAMPLE [MPE] APPLIES TO THE NORTHEAST SIDE OF THE LOT.
 9. HOME BUILDERS SHALL COMPLY WITH CITY ORDINANCES AND POLICIES FOR MINIMUM PROTECTION ADJACENT TO DRAINAGE WAYS.
 10. ALL SIDE YARD SETBACKS ARE INTENDED TO BE USED TO CONVEY STORM WATER FROM THE SUBJECT LOT AND ANY ADJACENT LOTS. THEREFORE SWALES SHALL BE FORMED DURING HOME CONSTRUCTION TO CONVEY SAID STORM WATER.
 11. A DETAILED GRADING PLAN SHALL BE SUBMITTED WITH THE BUILDING PERMIT FOR EACH HOME THAT DOES NOT HAVE AN MPE, MOE, OR MGS LISTED.



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I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SIGNED: *Ben Antons* DATE: 10-12-2020
 BENJAMIN G. ANTONS, P.E. 24442
 LICENSE RENEWAL DATE: DEC. 31, 2021 4 OF 4
 PAGES OR SHEETS COVERED BY THIS SEAL:

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**LANDING AT KETTLESTONE
 WAUKEE, IOWA
 ELEVATION PLAN**

REFERENCE NUMBER: 150421
DRAWN BY: BA
CHECKED BY: LH
REVISION DATE: 1ST SUBMITTAL 7-25-19 2ND SUBMITTAL 9-16-19
PROJECT NUMBER: 180168
SHEET NUMBER: 4 OF 4