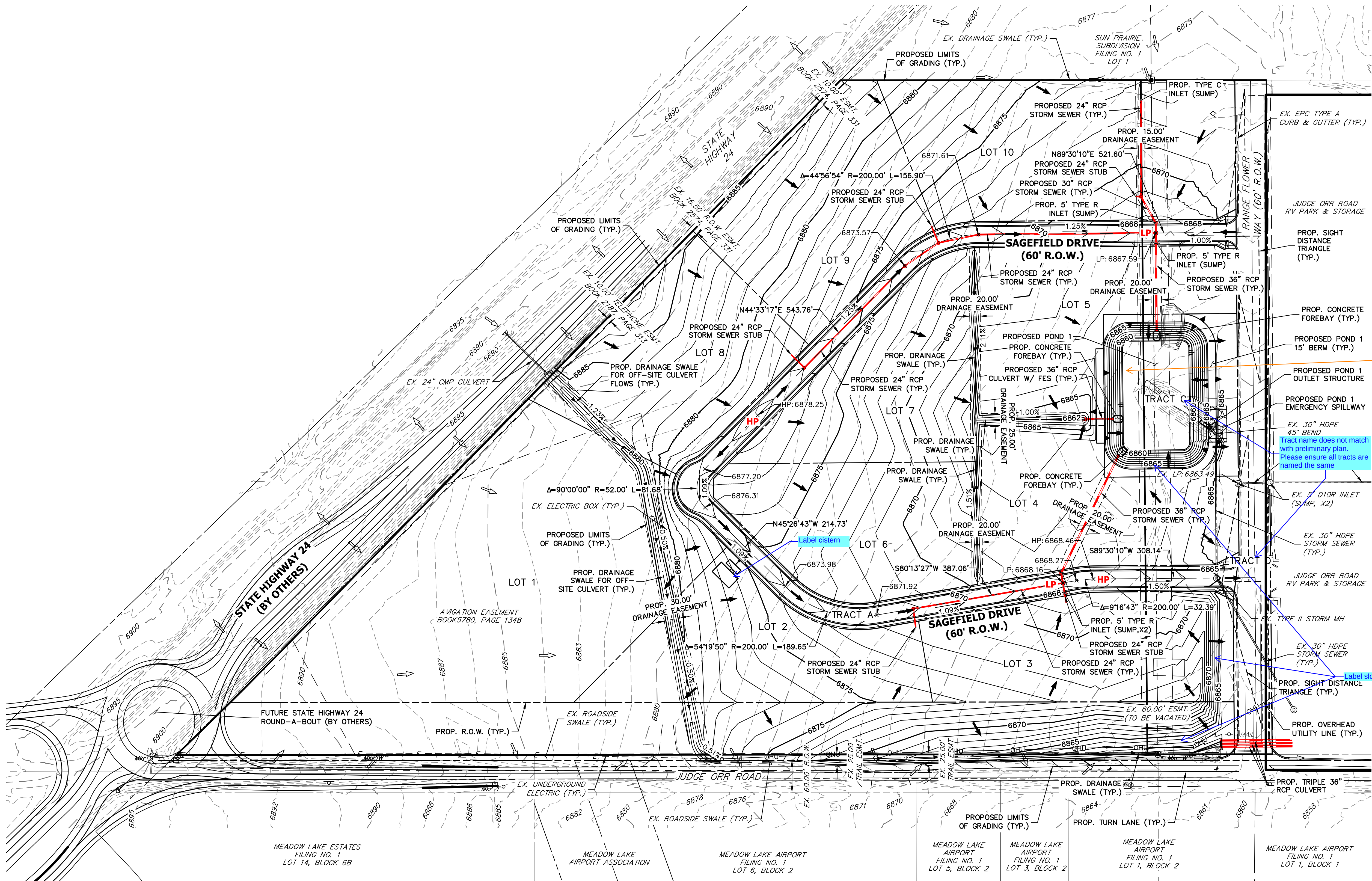
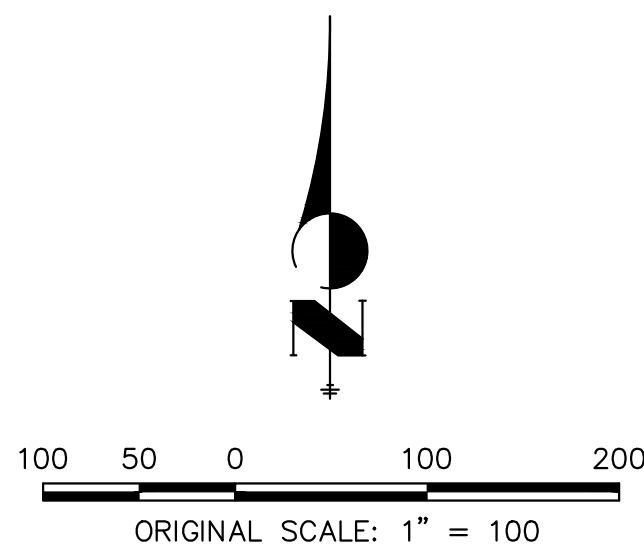




LEGEND

- | | | | |
|------------|--------------------------------|-----|-------------------------|
| ---6100--- | EXISTING INDEX CONTOURS | --- | PROPOSED ROW |
| ---6095--- | EXISTING INTERMEDIATE CONTOURS | --- | PROPOSED CENTERLINE |
| ---6095--- | PROPOSED INDEX CONTOURS | --- | PROPOSED SWALE |
| ---6100--- | PROPOSED INTERMEDIATE CONTOURS | --- | PROPOSED LOT LINE |
| --- | EXISTING PROPERTY LINE | --- | PROPOSED STORM |
| --- | EXISTING 100-YR FLOODPLAIN | --- | EXISTING FLOW DIRECTION |
| --- | GRADING EXTENTS | --- | PROPOSED FLOW DIRECTION |
| | | HP | PROPOSED HIGH POINT |
| | | LP | PROPOSED LOW POINT |

THE LOCATIONS OF EXISTING ABOVE GROUND AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL ABOVE GROUND AND UNDERGROUND UTILITIES.



TB3 had groundwater levels at 15' and redoximorphic features were observed at 5' at TP2 nearby, which indicates the water table periodically rises to that level. There is 9 ft of cut at the ponds West side.

The soils report recommends to mitigate during construction but in the interest of avoiding a redesign during construction I would recommend installing a monitoring well at the pond location to observe the groundwater levels over the next year or two, and to adjust the design if necessary. It would also be worthwhile to provide the pond lining details in the design so they can be referenced in construction if it is determined it's necessary. We have go-bys for the pond lining that I can send over if you'd be interested in seeing those.

I have personally inspected a handful of ponds nearby in the 4-Way Ranch and Meridian Ranch area that have groundwater seeping into the pond that are causing significant (and costly) maintenance issues, and since there isn't much that can be done post-construction I highly recommend addressing this during design.

JUDGE ORR ROAD
COMMERCIAL PARK
PRELIMINARY GRADING PLAN

SHEET 2 OF 2

JOB NO. 25315.00

BY

DATE

No.

REVISION

1"=100'

H-SCALE

N/A

V-SCALE

05/28/25

DATE

GAG

DESIGNED BY

GAG

DRAWN BY

CHECKED BY

PREPARED FOR

J.R. ENGINEERING
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