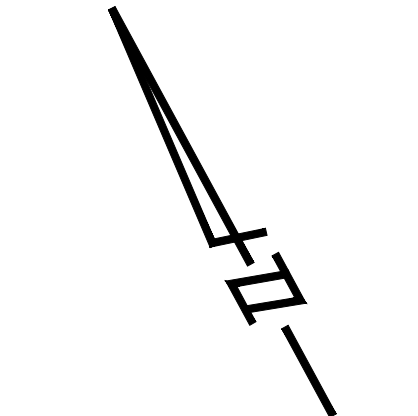
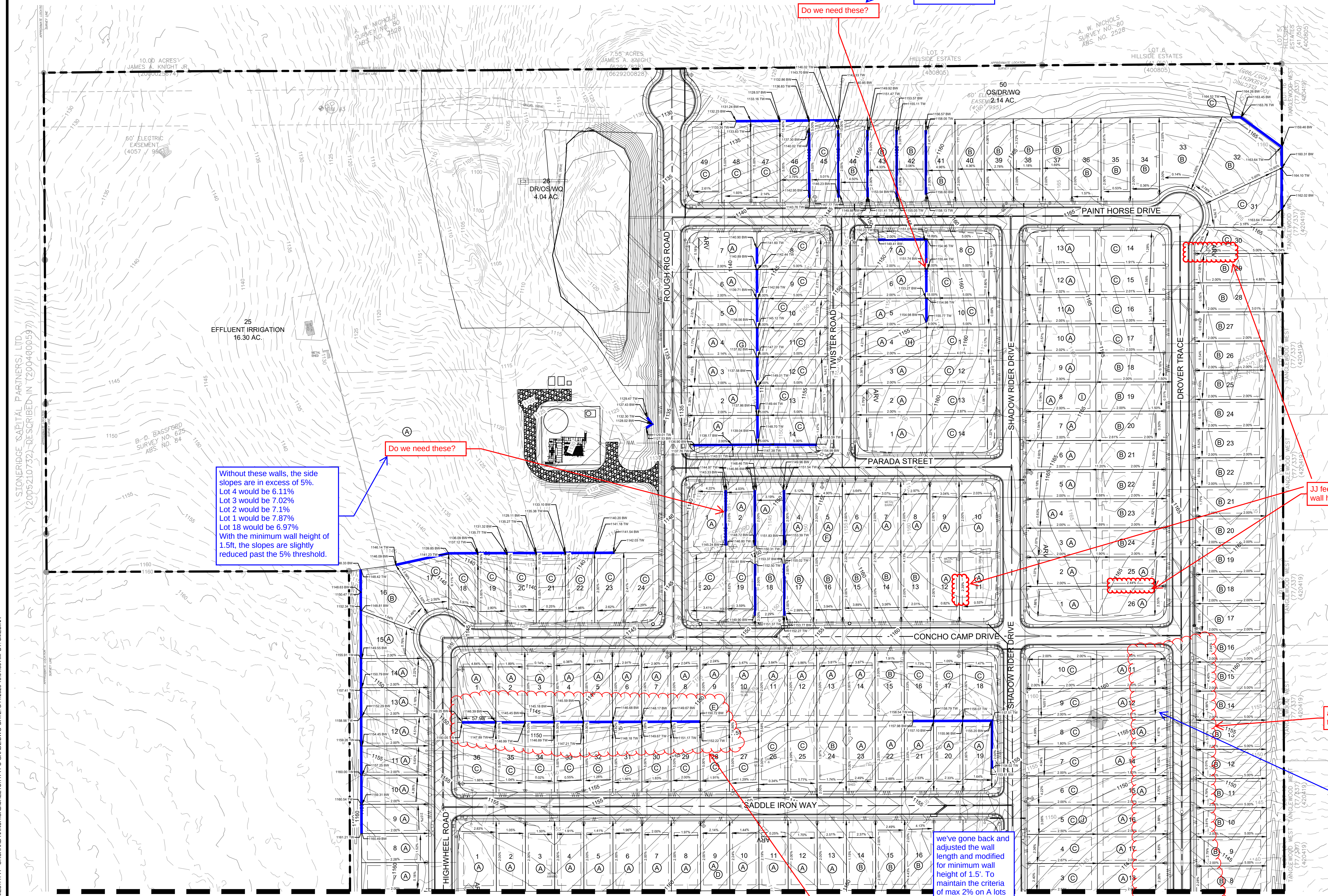




SCALE: 1" = 60'
GRAPHIC SCALE IN FEET
0 30 60 120

- LEGEND
- PROPERTY BOUNDARY
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - PROPOSED WALL
 - LOT GRADING TYPE
 - FLOW ARROW
 - TREES TO BE REMOVED
 - TREES TO BE PRESERVED

- ALL ACCESSIBLE ROUTES SHALL BE INSPECTED AND CERTIFIED BY A TOLR REGISTERED ACCESSIBILITY SPECIALIST (RAS).
- THE LOT GRADING INCLUDED ON THE GRADING PLAN WILL BE COMPLETED UNDER THIS CONTRACT. OTHERWISE, SLOPE EASEMENTS MAY BECOME NECESSARY FOR THE EMBANKMENT OUTSIDE OF THE RIGHT OF WAY.

Without these walls, the side slopes are in excess of 5%.
Lot 4 would be 6.11%
Lot 3 would be 7.02%
Lot 2 would be 7.1%
Lot 1 would be 7.87%
Lot 18 would be 6.97%
With the minimum wall height of 1.5ft, the slopes are slightly reduced past the 5% threshold.

To maintain the criteria being used here (5% max slope through the C lot pad with a 15% backyard and 2% max slope on the A-lot) we would need the walls.

Do we need these?

Do we need these?

JJ feels good w/o wall here

10-4

are we okay with these slide slopes?

We've adjusted some of the slope labels that were not completely parallel to lot lines. Lot 12 on block J is really the only slope that is of concern. We could implement a sideyard wall if the slope is deemed unacceptable.

we've gone back and adjusted the wall length and modified for minimum wall height of 1.5'. To maintain the criteria of max 2% on A lots and 15% backyards on C lots, the remainder of the walls are needed. For example: Lot 28 back yard would be at 16.1% Lot 29 would be 16.4% Lot 30 would be at 18.5%

can we reduce these by length?

MATCHLINE TO SHEET 19

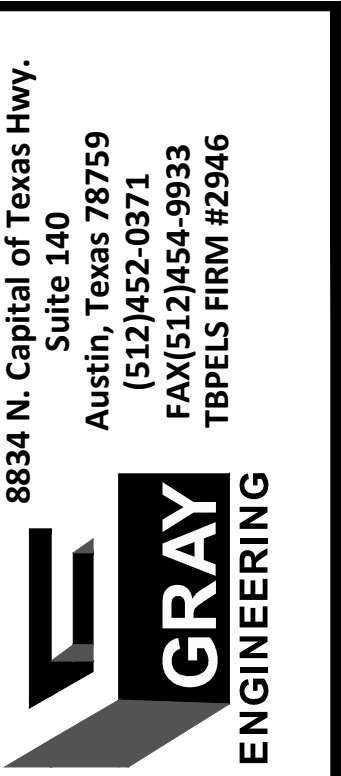
NO.	BY	DATE	REVISION DESCRIPTION

ORCHARD RANCH
SUBDIVISION
CONSTRUCTION PLANS

GRADING PLAN (1 OF 2)

PROJECT NO: 1636-11741
DESIGNED BY: BG
DRAWN BY: TAM
CHECKED BY: CR

NOTICE:
ALTERATION OF A
SEALED DRAWING
WITHOUT PROPER
NOTIFICATION TO THE
RESPONSIBLE ENGINEER
IS A VIOLATION OF THE
TEXAS ENGINEERING
PRACTICE ACT.

[illegible]

ORCHARD RANCH
SUBDIVISION
CONSTRUCTION PLANS

GRADING PLAN (2 OF 2)

PROJECT NO: 1636-11741
DESIGNED BY: BG
DRAWN BY: TAM
CHECKED BY: CR
NOTICE: ALTERATION OF A SEALED DRAWING WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS A VIOLATION OF THE TEXAS ENGINEERING PRACTICE ACT.