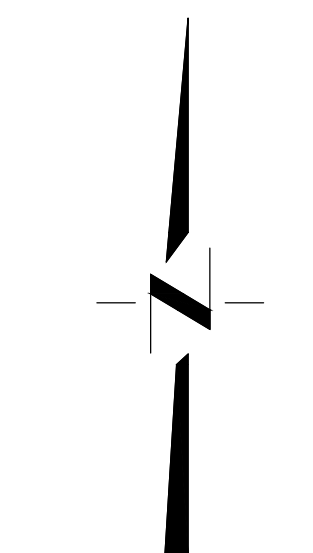
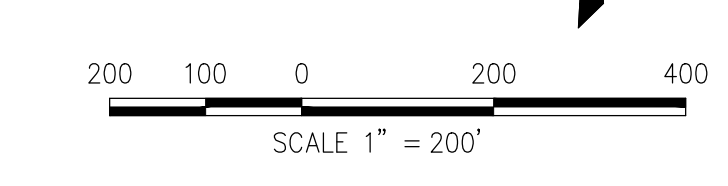
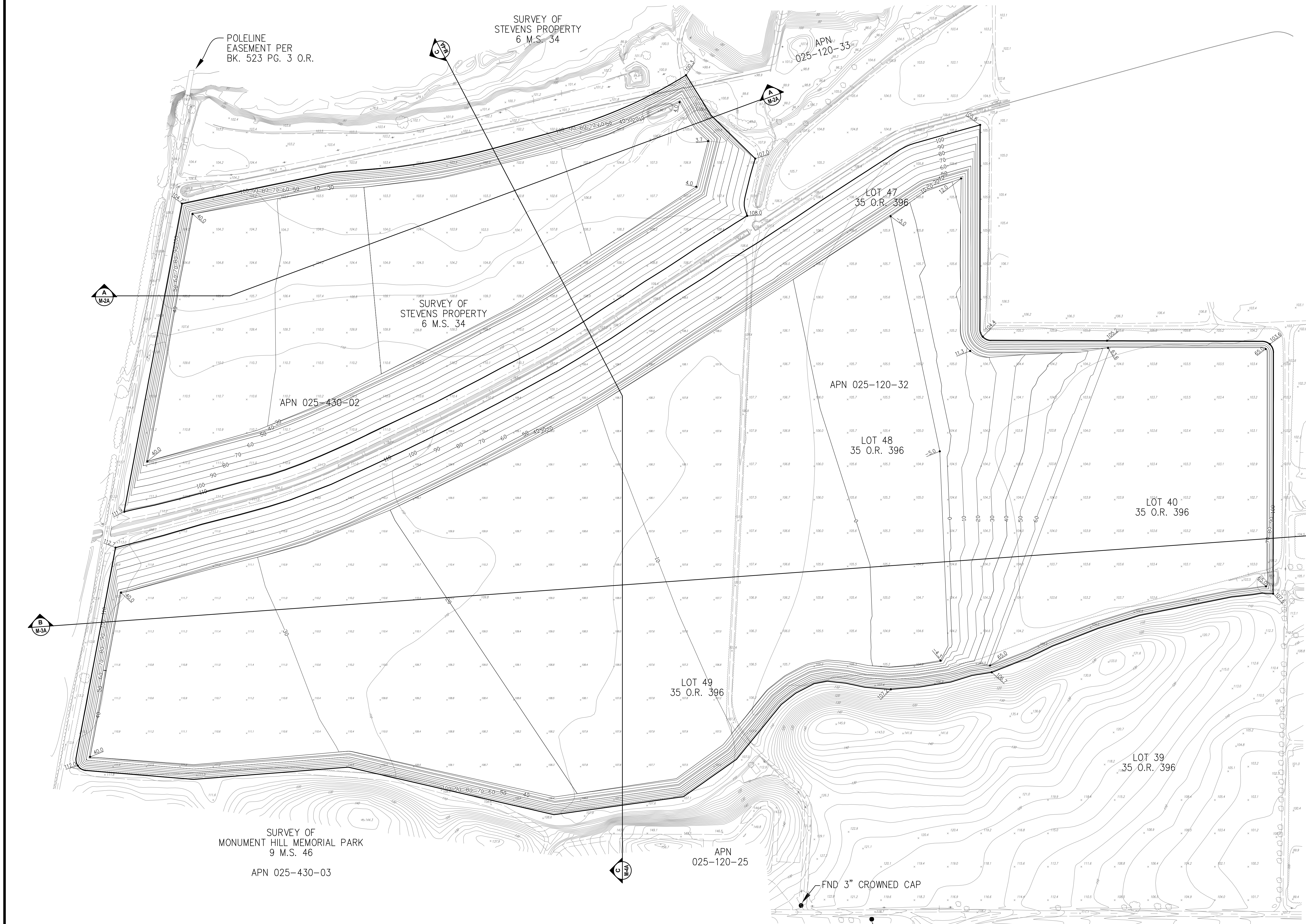
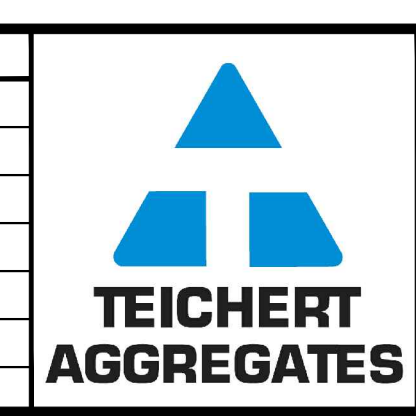


- NOTES:**
- ELEVATIONS AND DISTANCES ARE APPROXIMATE. EXISTING GROUND IS BASED ON AERIAL TOPOGRAPHY FLOWN IN APRIL 2010 BY POINT CO. PHOTOGRAMMETRIC SERVICES.
  - HIGH AND LOW AVERAGE GROUNDWATER ELEVATIONS BASED ON "GROUNDWATER CONDITIONS IN VICINITY OF PLANNED WET-PIT MINING OPERATIONS-SCHWARZGRUBER PROPERTY" BY LUHDORFF & SCALMANINI CONSULTING ENGINEERS DATED APRIL 25, 2011.
  - BERMS OR V-DITCHES (NOT SHOWN) TO BE ADDED ALONG THE TOP OF SLOPES AS NECESSARY TO KEEP SURFACE RUNOFF FROM ADJACENT AREAS FROM ENTERING INTO THE DESIGNATED OPEN WATER AREAS.
  - BOTTOM MINING ELEVATIONS ARE ±10' DEPENDING ON ACTUAL BOTTOM OF GRAVEL DEPTHS.
  - EXISTING STOCKPILES ARE TO BE RE-GRADED OR REMOVED FROM THE SITE. PROPOSED MINING SLOPES SHOWN ON PLAN AND SECTIONS REPRESENT CONDITIONS AFTER THE STOCKPILES HAVE BEEN REMOVED OR RE-GRADED.
  - PROPOSED CONTOURS SHOWN AT 5' INTERVAL.
  - WELLS NOTED TO BE ABANDONED SHALL BE ABANDONED PER YOLO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH STANDARDS.
  - TOPSOIL AND OVERBURDEN STOCKPILE SHALL BE SLOPED AND VEGETATED PER SECTION 10-4.433 OF THE MINING ORDINANCE.
  - SEE RECLAMATION SUMMARY FOR LANDSCAPE EXHIBITS.



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SCALE	AS SHOWN					



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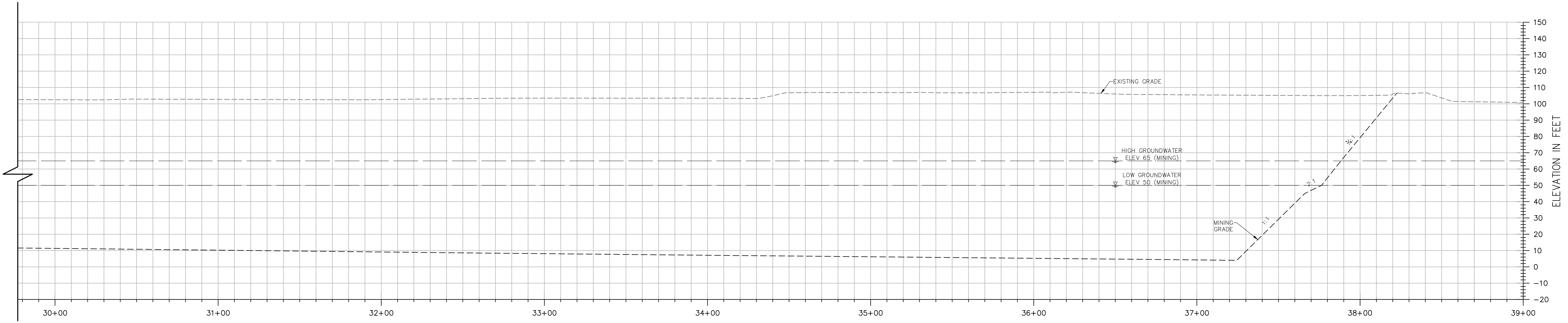
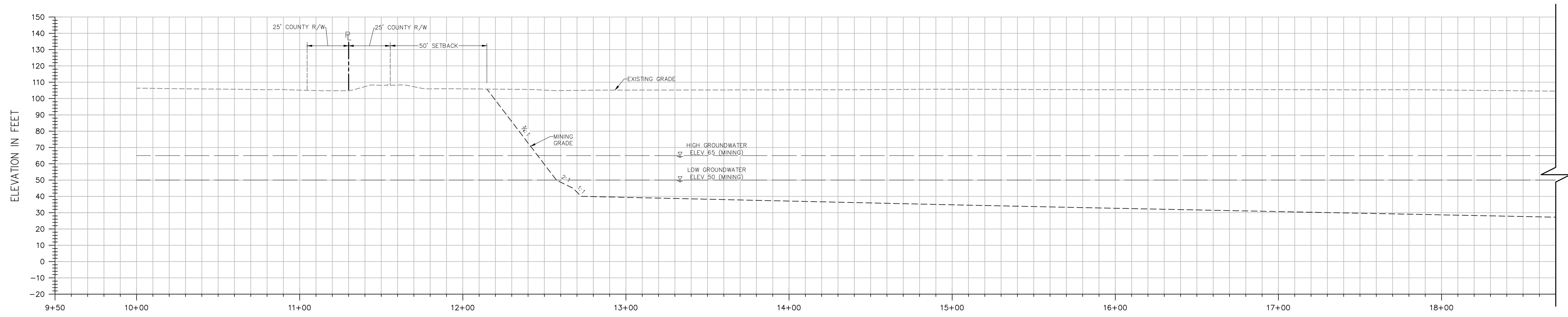
YOLO COUNTY CALIFORNIA

**SHIFLER MINING PLAN**  
**SITE PLAN**  
**ALTERNATE A**

SHEET  
**M-1A**  
OF  
**4**

DATE: 3/25/14

JOB NO: 1129.20

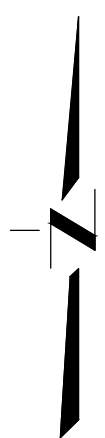
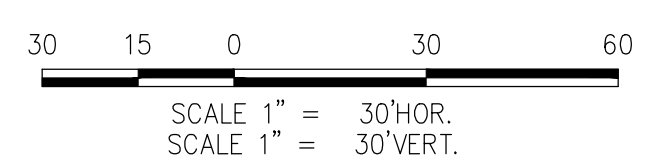


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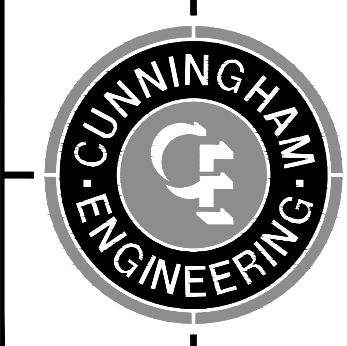
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V: 1"=30'

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LR					
CHECKED BY					
SG					
SCALE					
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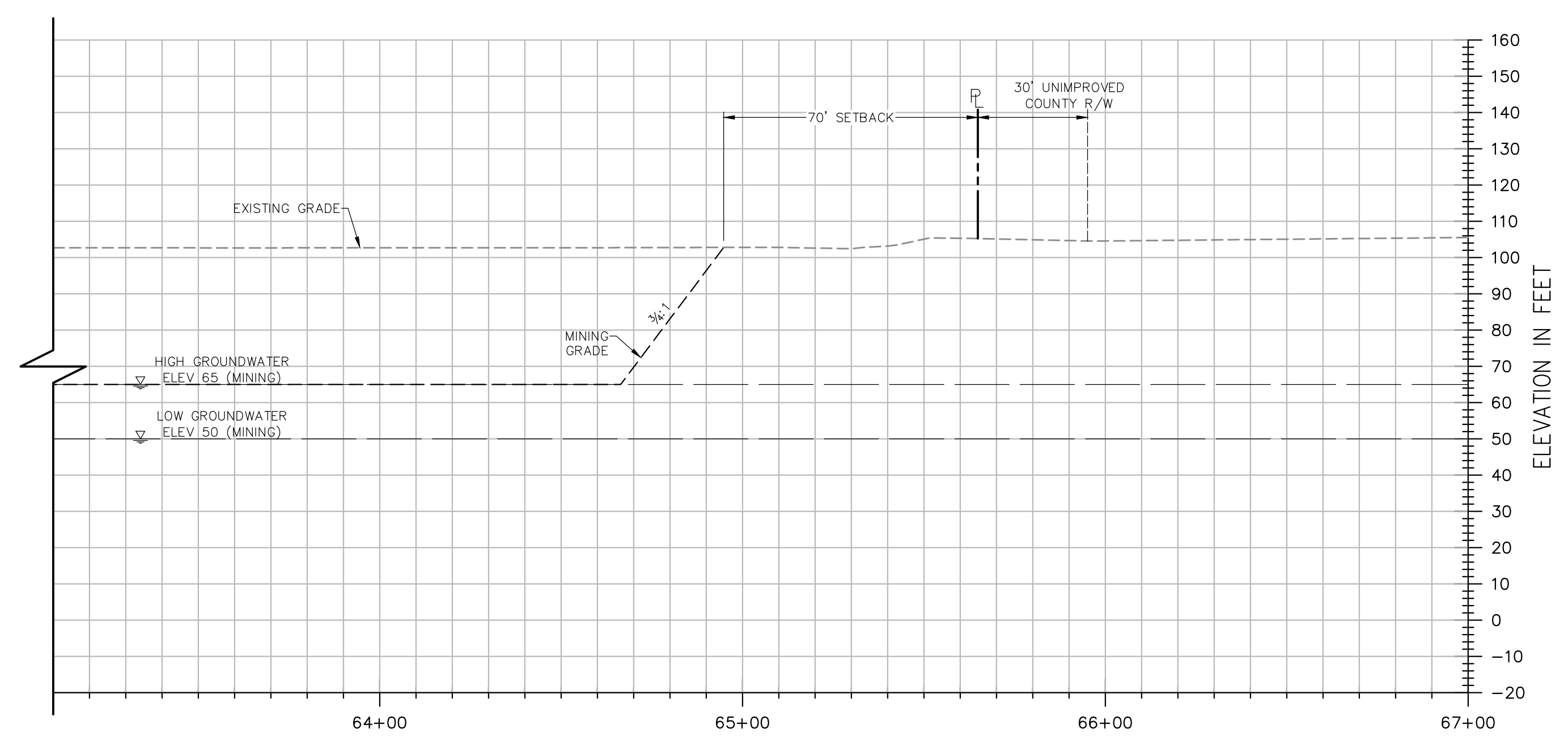
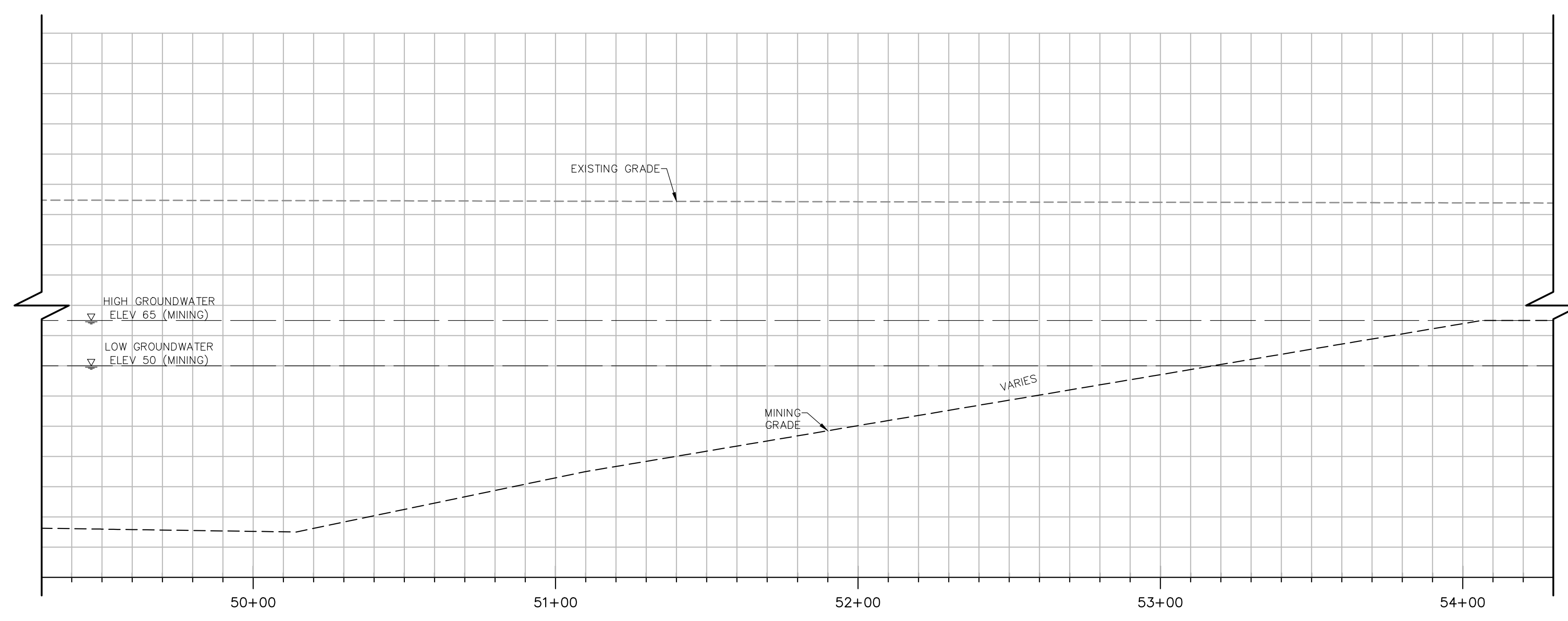
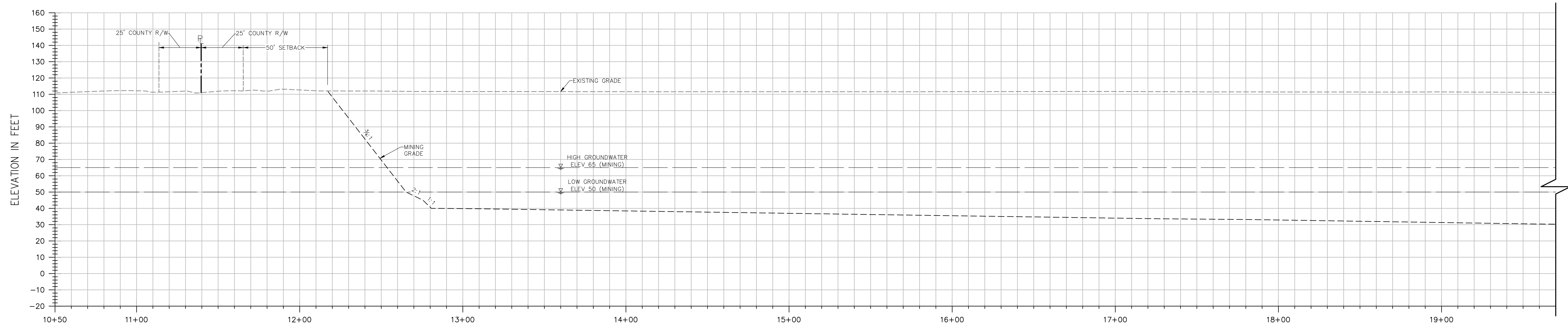
**SHIFLER MINING PLAN  
CROSS SECTION A-A  
ALTERNATE A**

SHEET  
**M-2A**  
OF  
**4**  
DATE: 3/25/14  
JOB NO: 1129.20

YOLO COUNTY

CALIFORNIA

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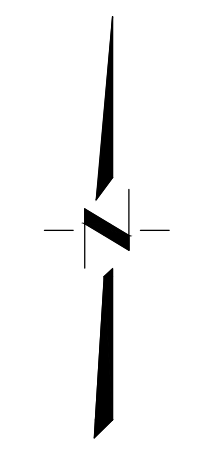
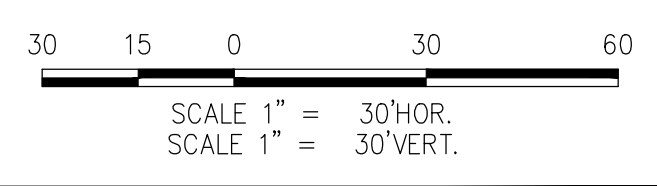


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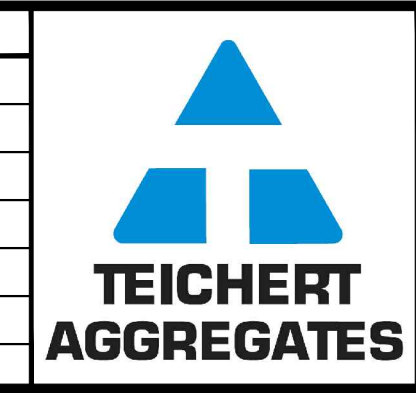
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SCALE					
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**SHIFLER MINING PLAN**

**CROSS SECTION B-B**

**ALTERNATE A**

YOLO COUNTY CALIFORNIA

SHEET

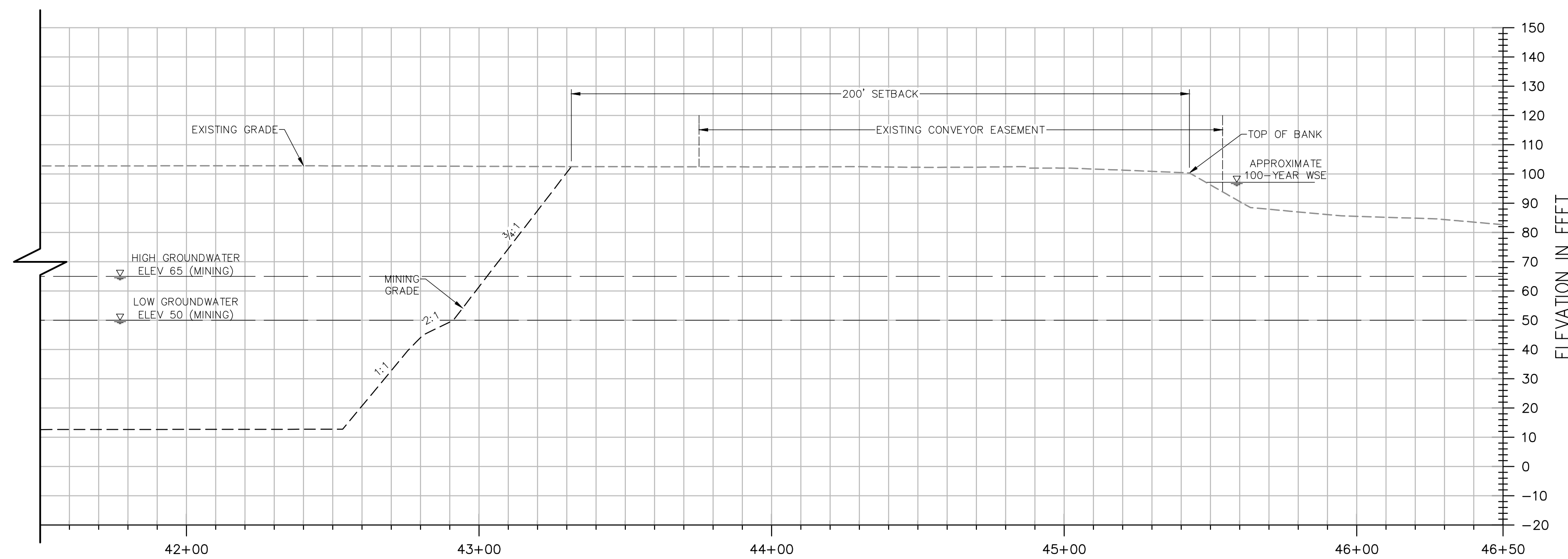
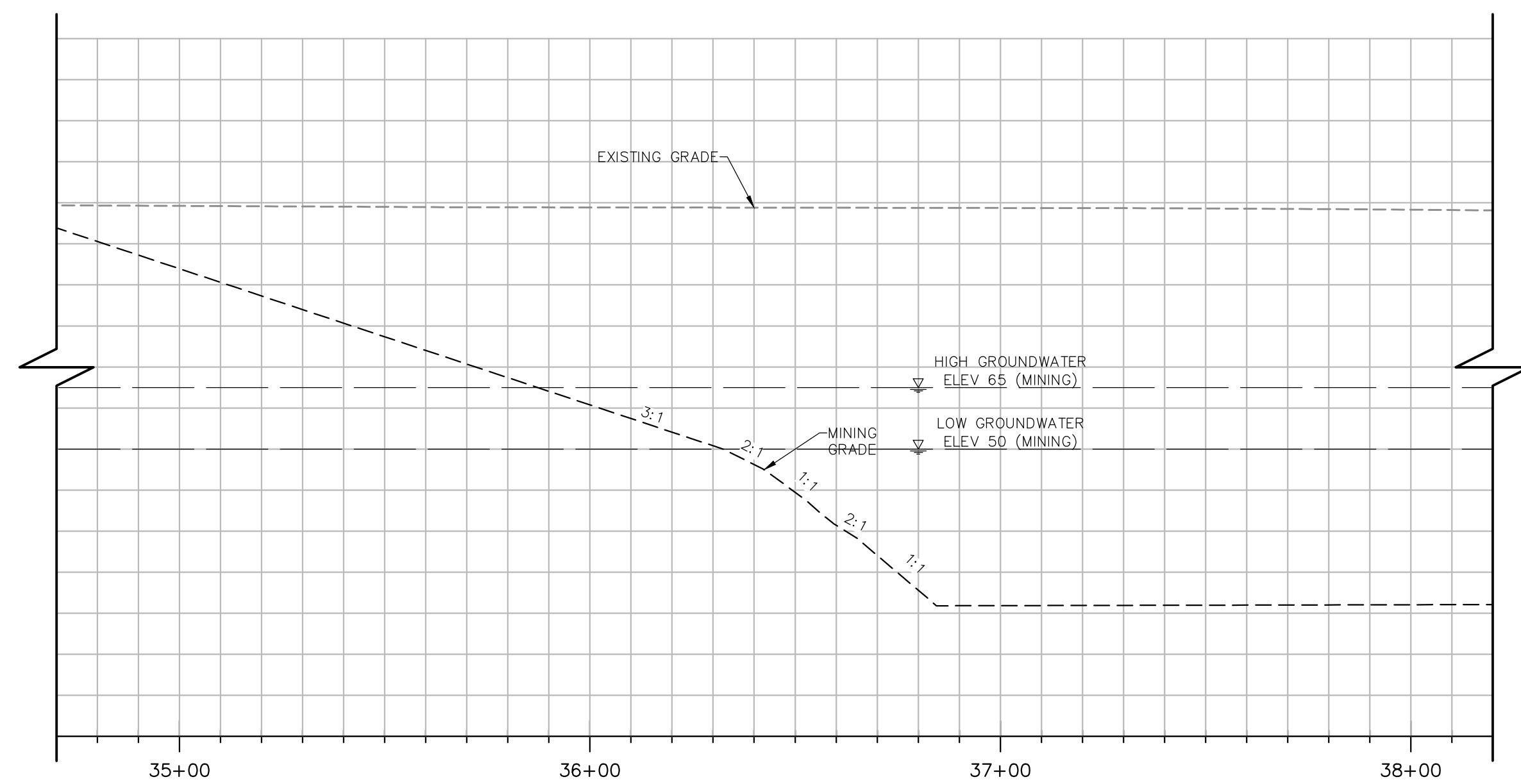
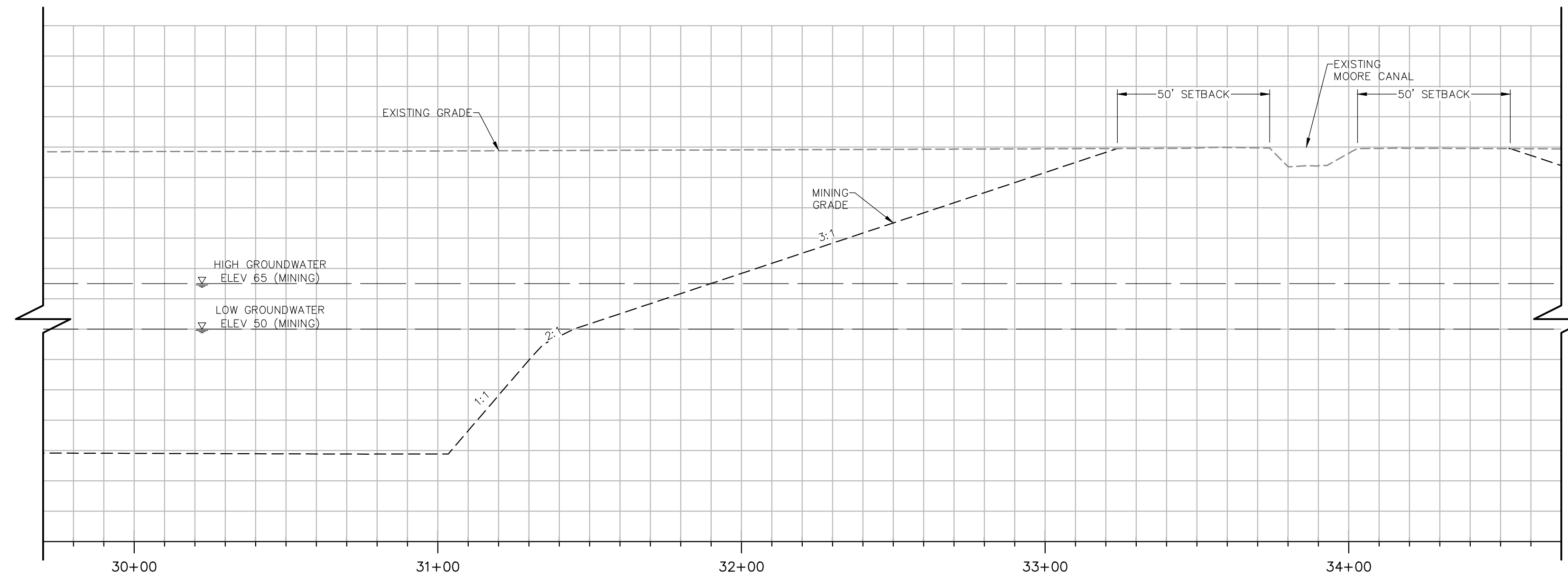
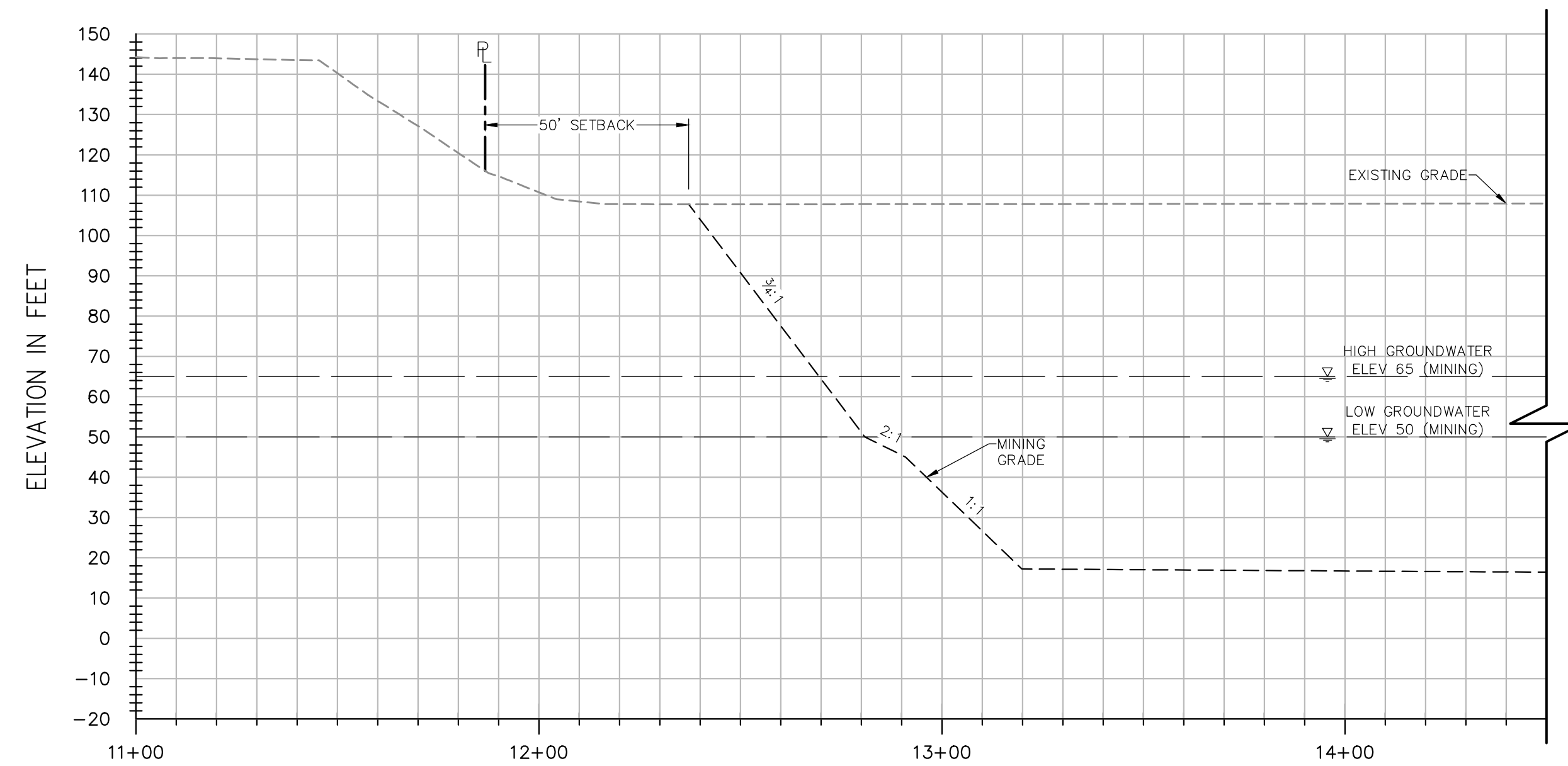
**M-3A**

OF

**4**

DATE: 3/25/14

JOB NO: 1129.20

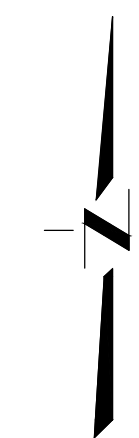
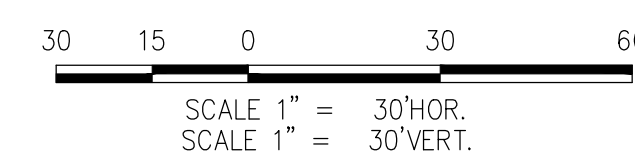


**SECTION C-C**

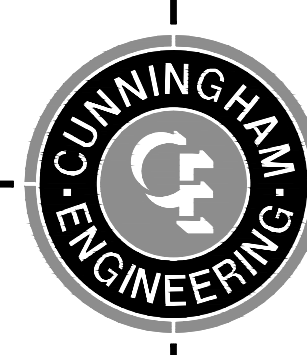
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**SHIFLER MINING PLAN  
CROSS SECTION C-C  
ALTERNATE A**

SHEET  
**M-4A**  
OF  
**4**

DATE: 3/25/14

YOLO COUNTY

CALIFORNIA

JOB NO: 1129.20

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**NOTES:**

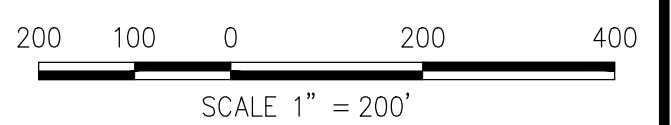
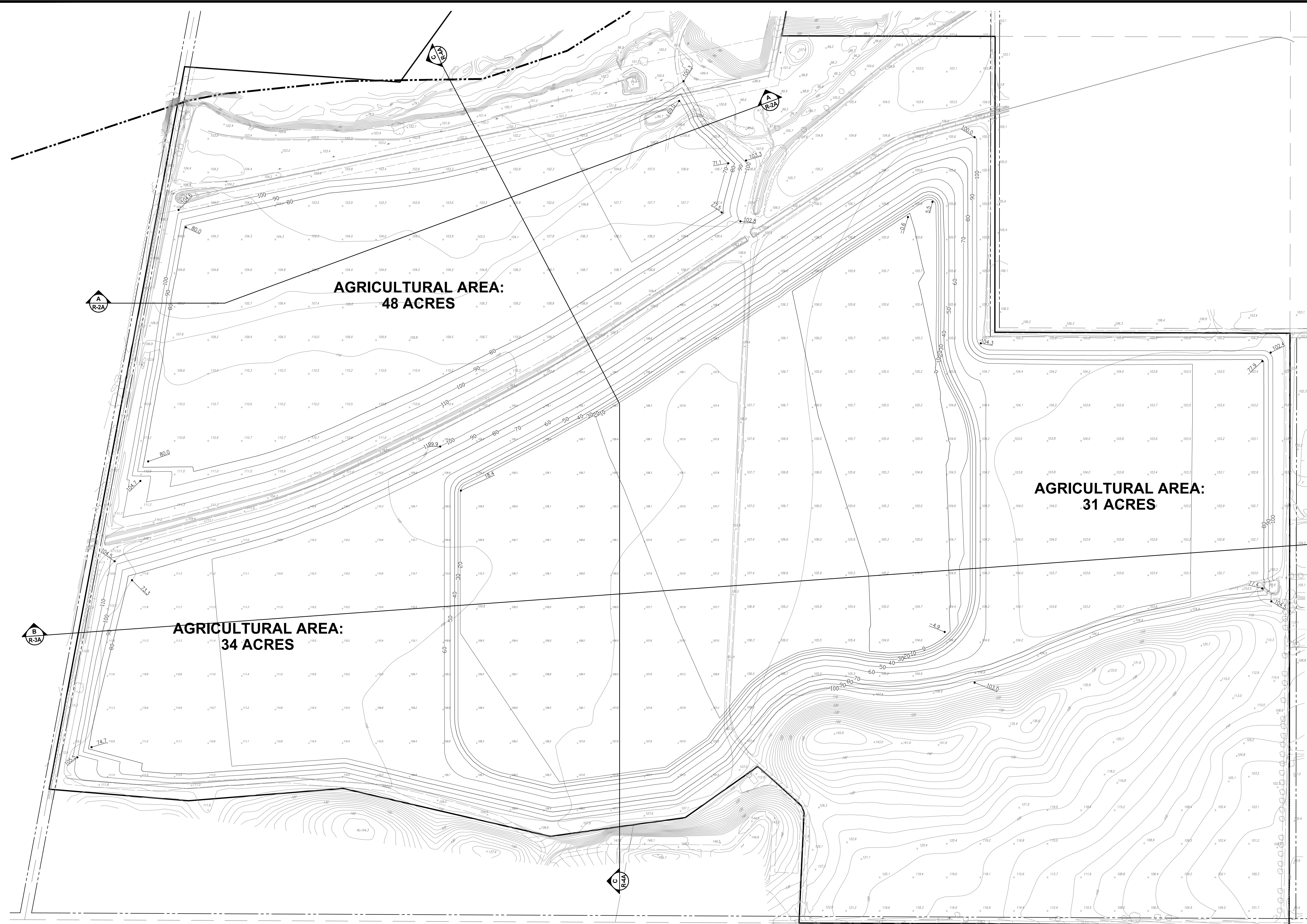
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- BOTTOM MINING ELEVATIONS ARE ±10' DEPENDING ON ACTUAL BOTTOM OF GRAVEL DEPTHS.
- PROPOSED CONTOURS SHOWN AT 5' INTERVAL.
- FOR DETAILS, SEE ACCOMPANYING RECLAMATION PLAN PREPARED BY TEICHERT AGGREGATES (MAY 2011)
- WELLS NOTED TO BE ABANDONED SHALL BE ABANDONED PER YOLO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH STANDARDS.
- SEE RECLAMATION SUMMARY FOR LANDSCAPE EXHIBITS.

**AGRICULTURAL AREA:  
48 ACRES**

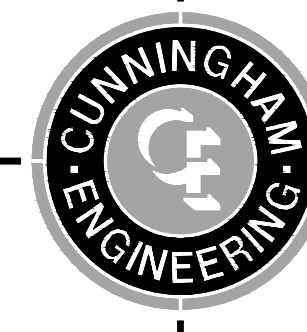
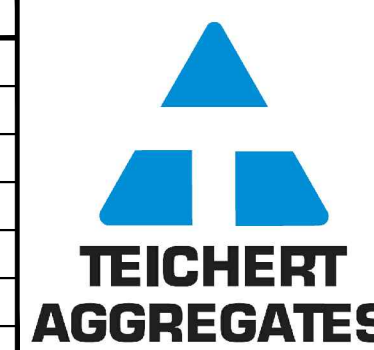
**AGRICULTURAL AREA:  
31 ACRES**

**AGRICULTURAL AREA:  
34 ACRES**

**TOTAL AGRICULTURAL  
AREA: 113 ACRES**



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SCALE	AS SHOWN					



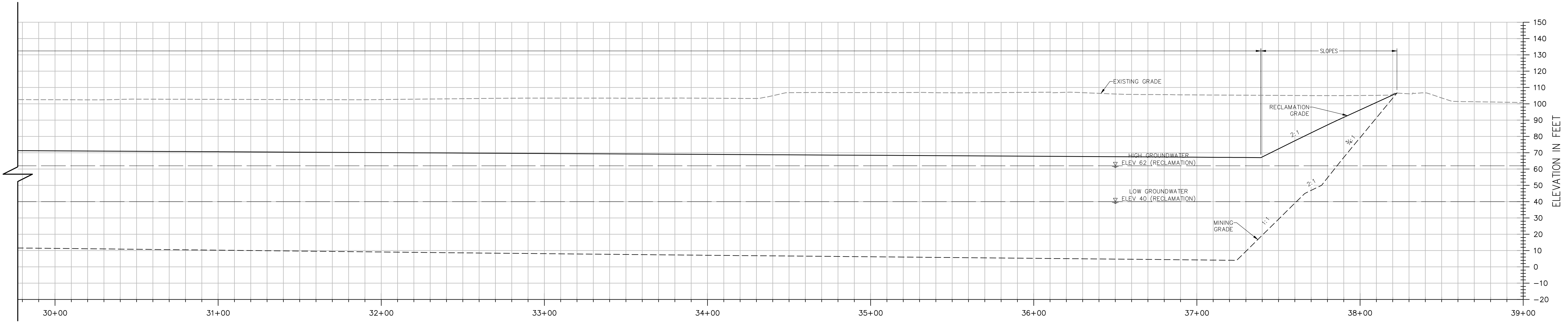
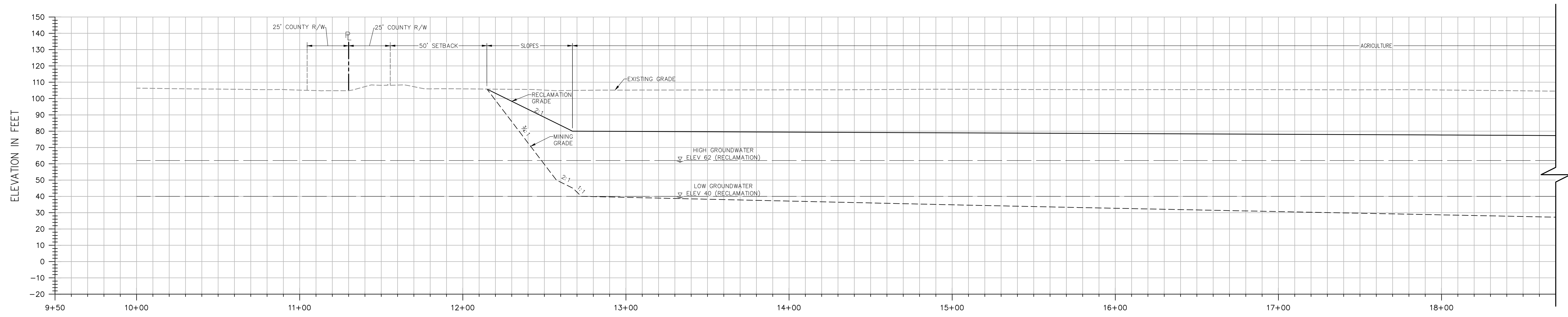
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**SHIFLER RECLAMATION PLAN  
SITE PLAN  
ALTERNATE A**

SHEET  
**R-1A**  
OF  
**4**  
DATE: 3/19/14  
JOB NO: 1129.20

YOLO COUNTY

CALIFORNIA

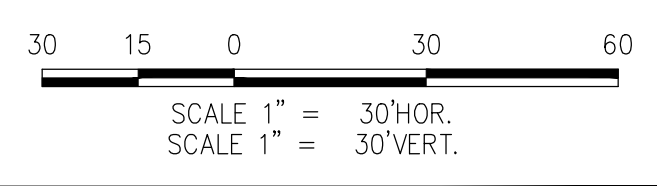


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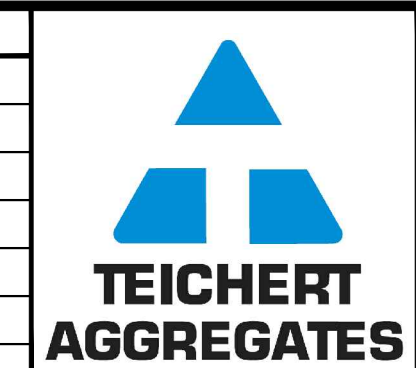
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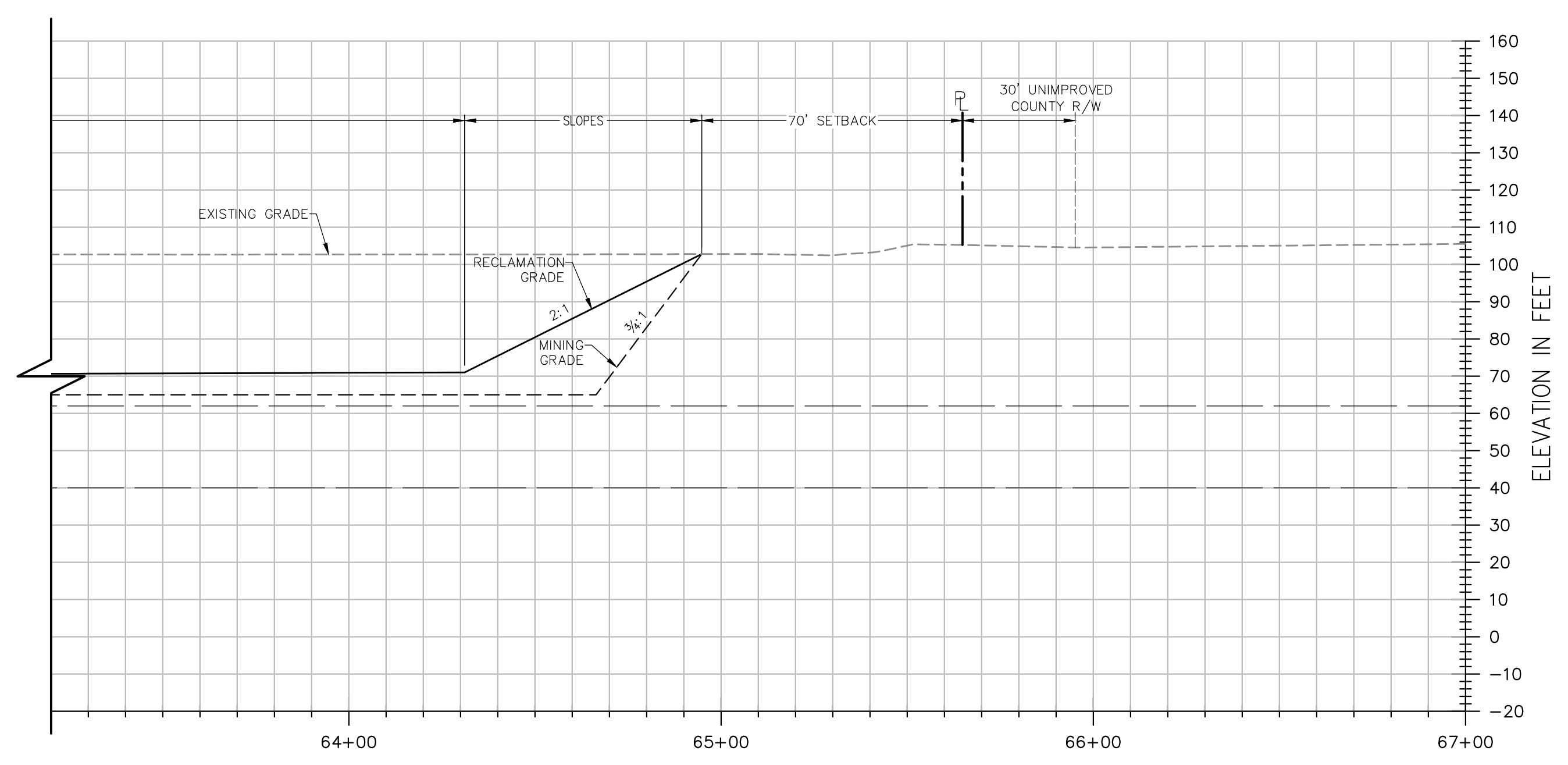
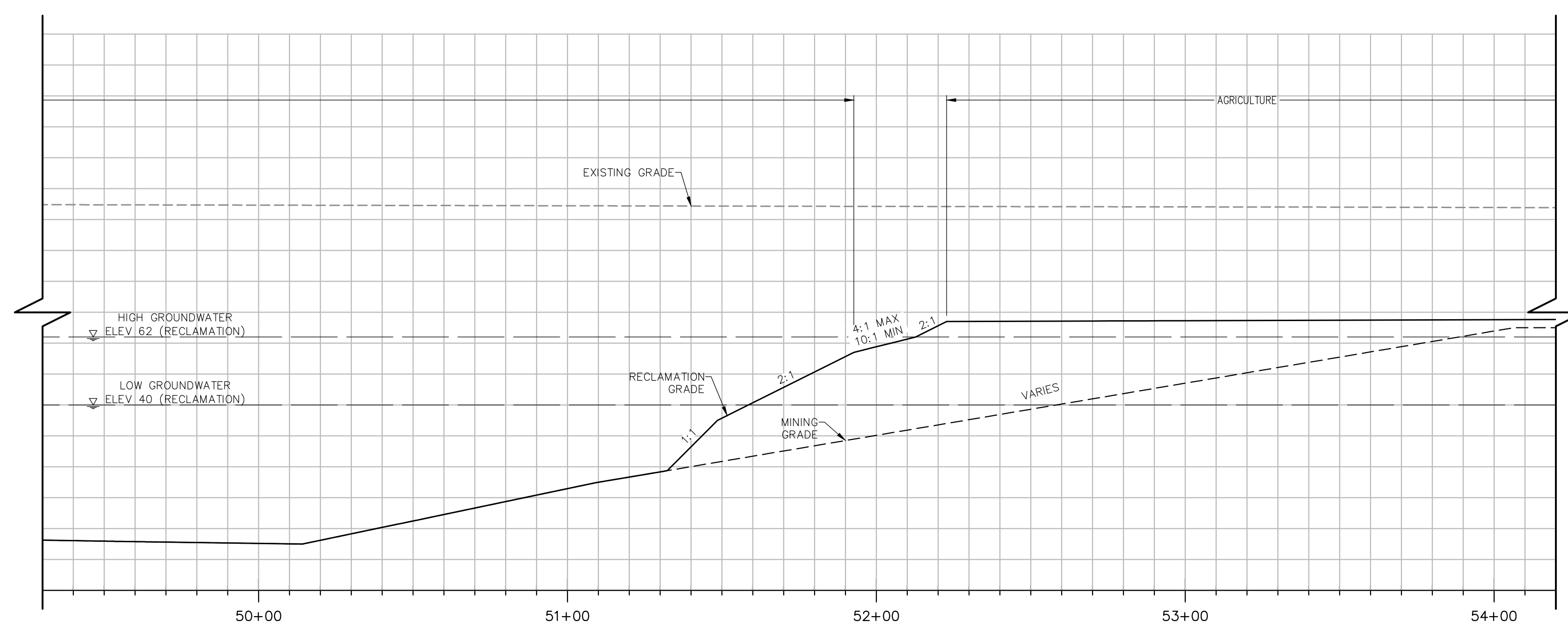
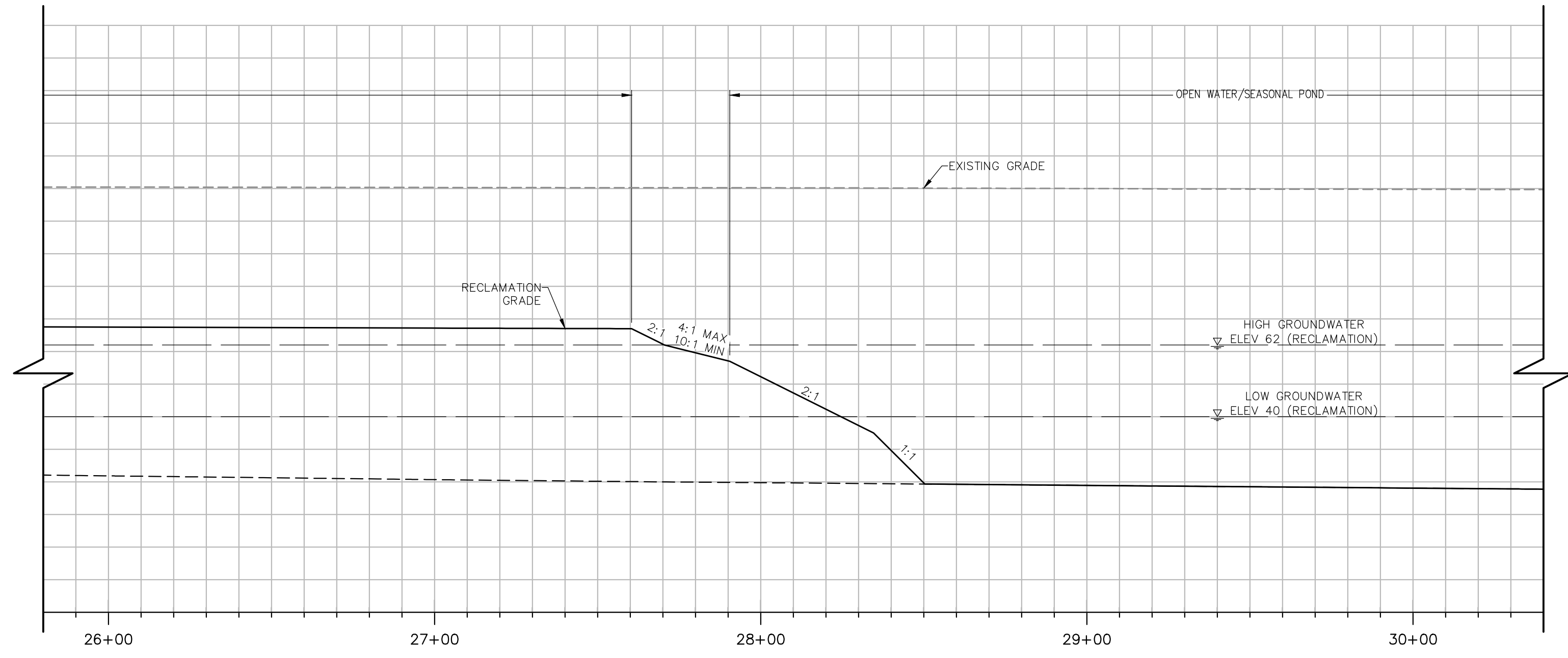
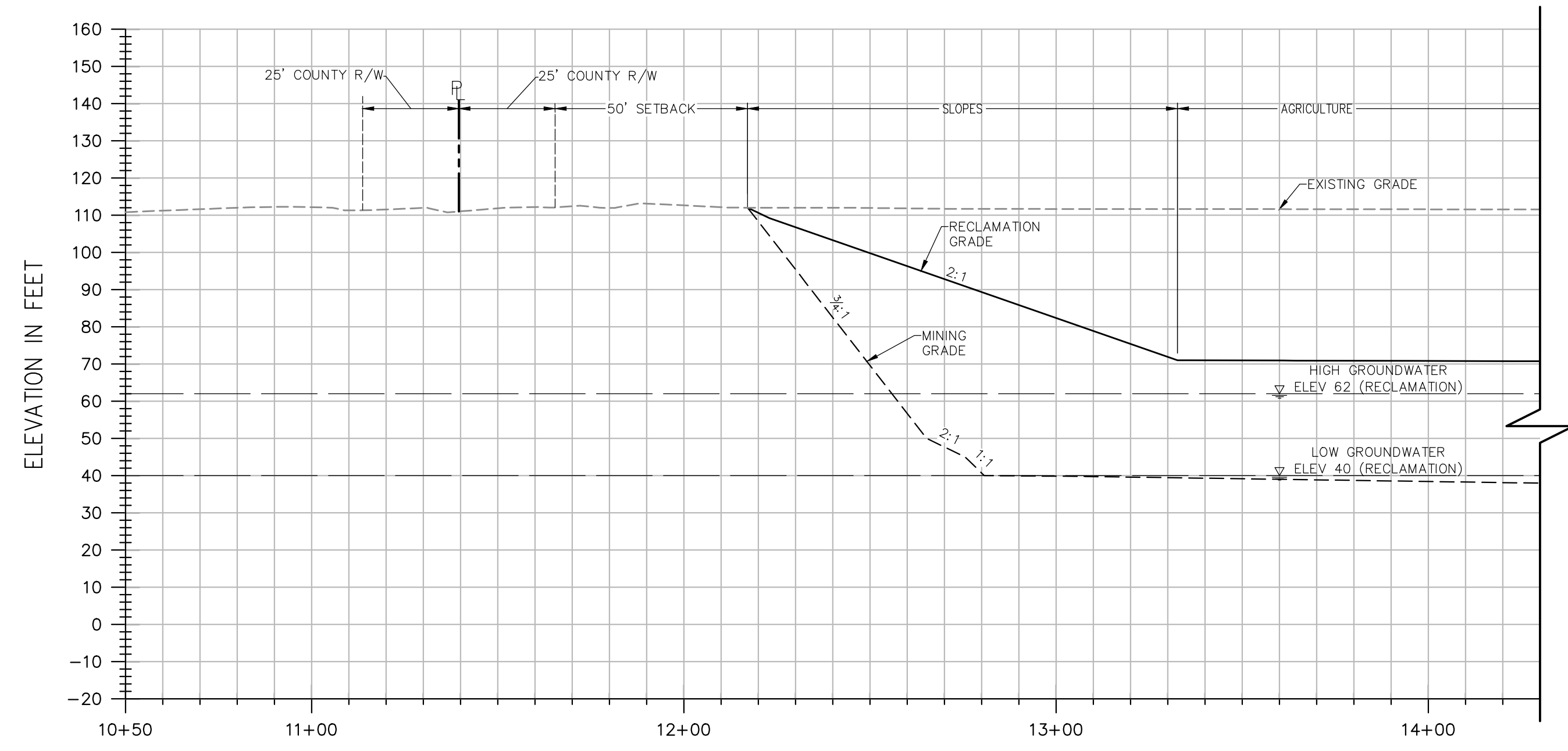
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**SHIFLER RECLAMATION PLAN  
CROSS SECTION A-A  
ALTERNATE A**

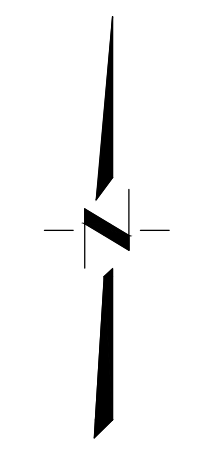
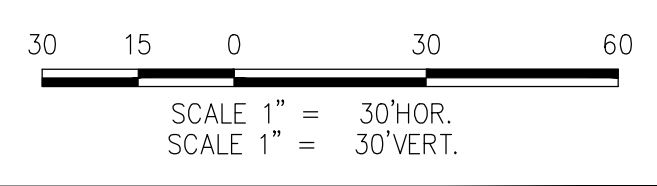
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**R-2A**  
OF  
**4**  
DATE: 3/25/14  
JOB NO: 1129.20



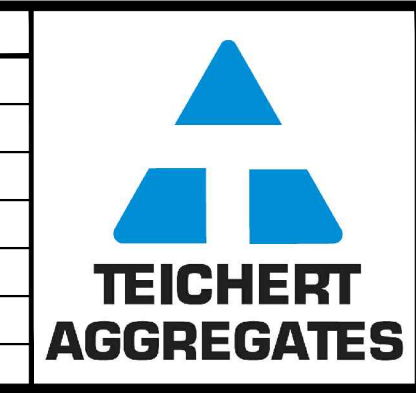
**SECTION B-B**  
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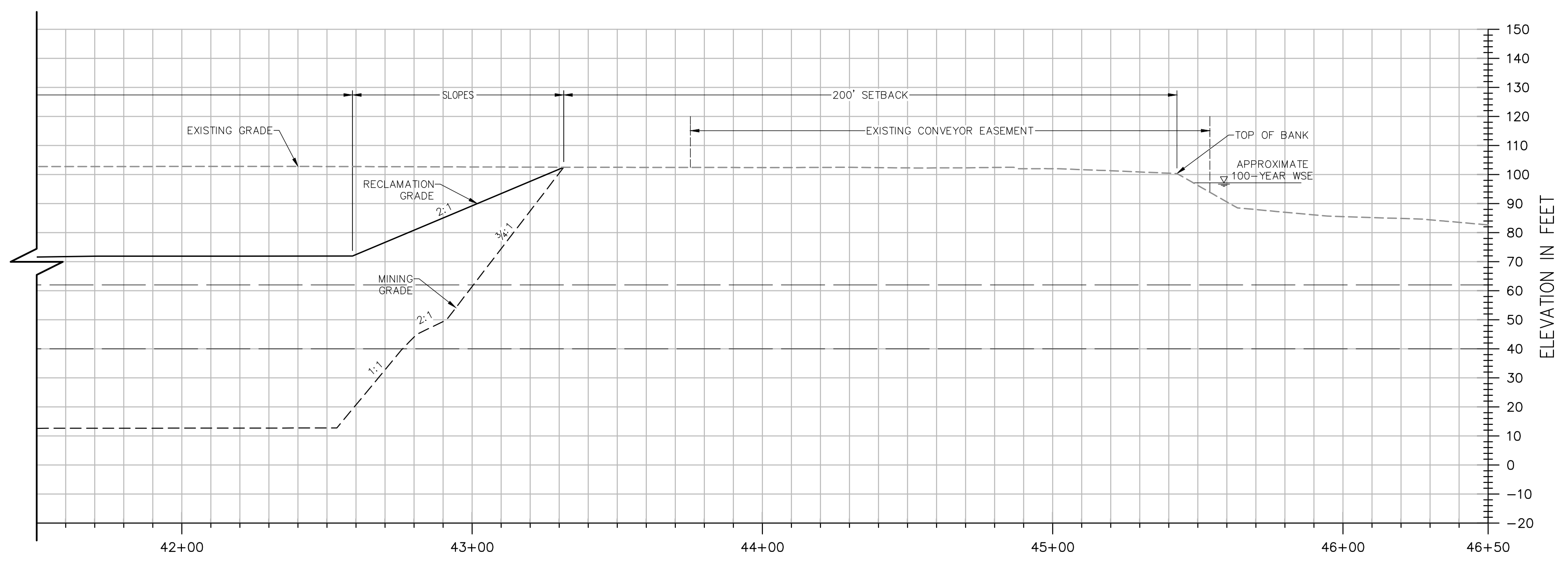
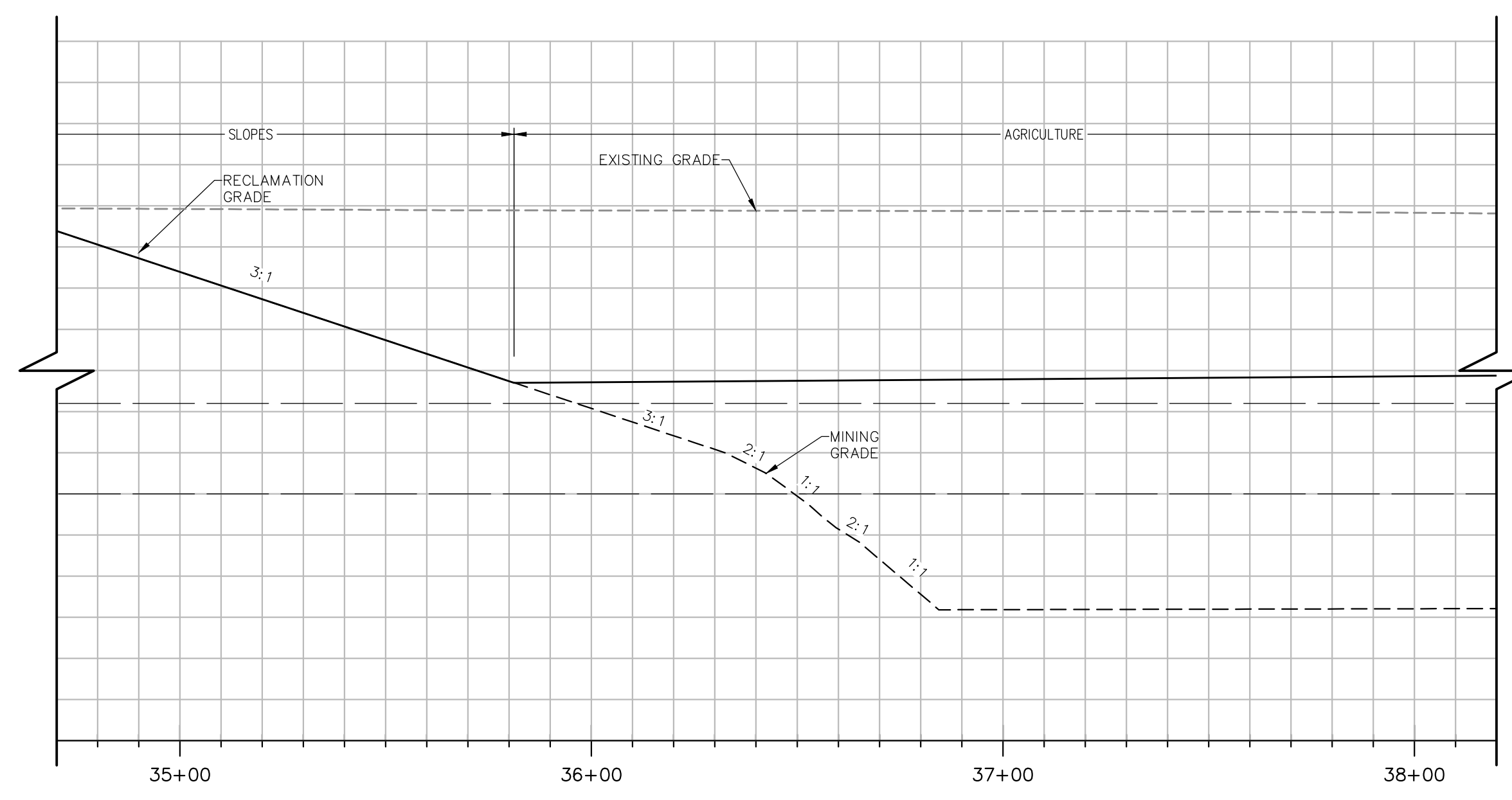
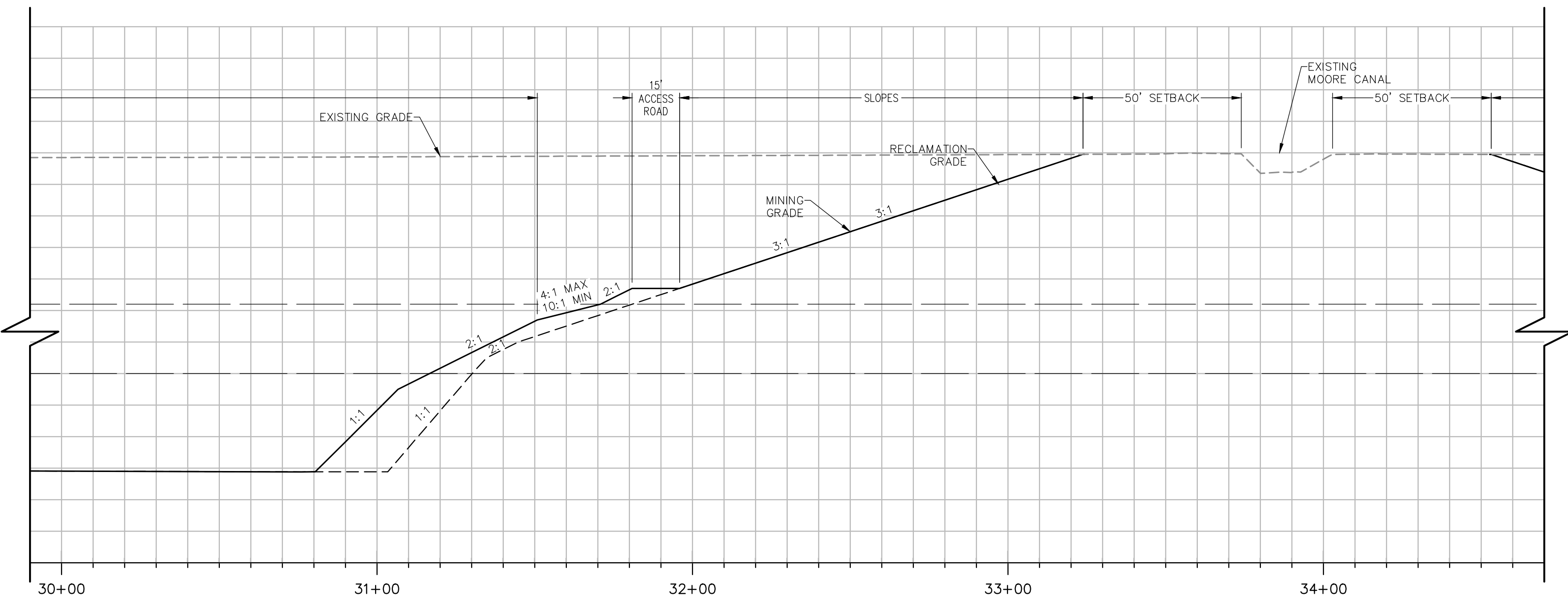
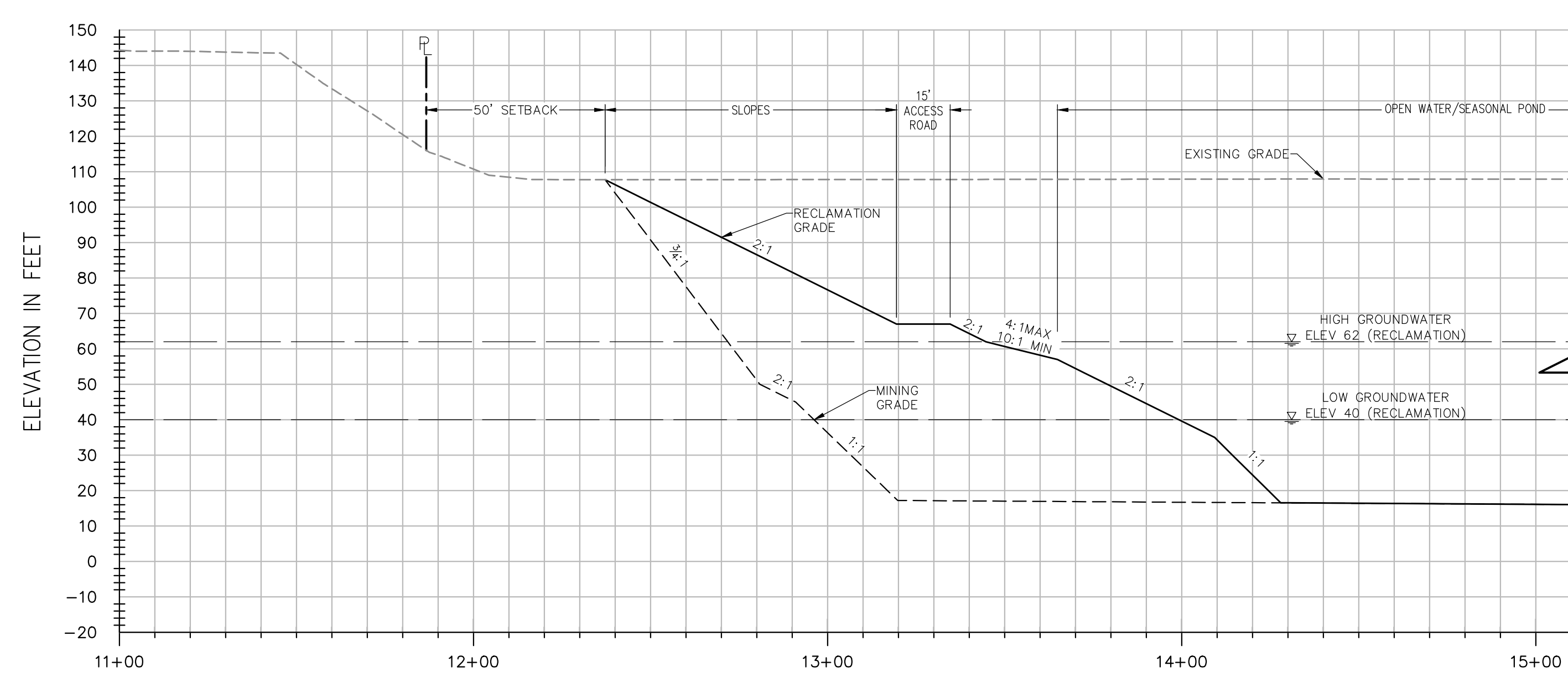
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SCALE	AS SHOWN				



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**SHIFLER RECLAMATION PLAN**  
**CROSS SECTION B-B**  
**ALTERNATE A**  
YOLO COUNTY CALIFORNIA

SHEET  
**R-3A**  
OF  
**4**  
DATE: 3/25/14  
JOB NO: 1129.20

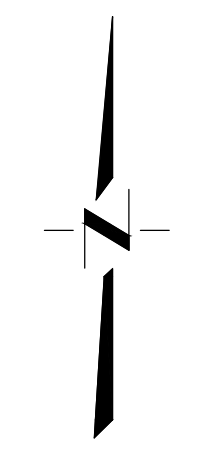
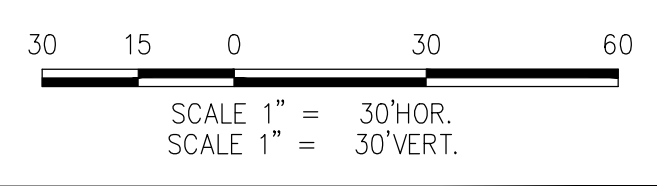


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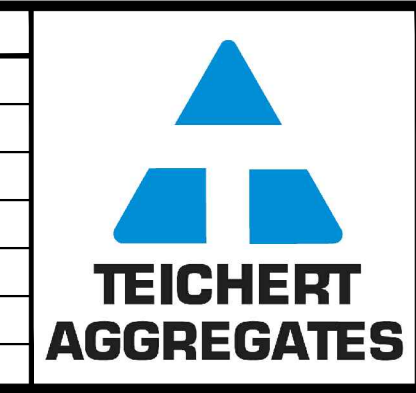
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- BERMS OR V-DITCHES TO BE ADDED ALONG THE TOP OF SLOPES AS NECESSARY TO KEEP SURFACE RUNOFF FROM ADJACENT AREAS FROM ENTERING INTO THE DESIGNATED OPEN WATER AREAS.
- BOTTOM MINING ELEVATIONS ARE ±10' DEPENDING ON ACTUAL BOTTOM OF GRAVEL DEPTHS.
- EXISTING STOCKPILES ARE TO BE RE-GRADED OR REMOVED FROM THE SITE. PROPOSED MINING SLOPES SHOWN ON PLAN AND SECTIONS REPRESENT CONDITIONS AFTER THE STOCKPILES HAVE BEEN REMOVED OR RE-GRADED.



DESIGNED BY	NC	NO.	DATE	REVISIONS	BY	APPD.
DRAWN BY	LR					
CHECKED BY	SG					
SCALE	AS SHOWN					



**CUNNINGHAM ENGINEERING**

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**SHIFLER RECLAMATION PLAN**  
**CROSS SECTION C-C**  
**ALTERNATE A**

SHEET	<b>R-4A</b>
OF	<b>4</b>
DATE:	3/25/14
JOB NO:	1129.20

YOLO COUNTY

CALIFORNIA

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