


OFF-CHANNEL RECLAMATION

MADISON PLANT, YOLO COUNTY,
CALIFORNIA









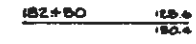
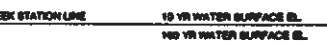









NOVEMBER 1995

MINING PERMIT AND RECLAMATION PLAN NO. 7F #95-093

GENERAL NOTES

- EXISTING TOPOGRAPHY BASED ON AERIAL TOPOGRAPHY FLOWN FALL 1982. VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCING MINING.
- ELEVATIONS AND PROPERTY LINES PROVIDED BY JACK JOHNSON ENGINEERING, FAIRFIELD, CA. A BENCH MARK WILL BE CONSTRUCTED AT EACH SITE, AND PROPERTY LINES WILL BE RE-ESTABLISHED PRIOR TO COMMENCING ANY MINING.
- WORK WITHIN P.G.&E. AND OTHER POWER COMPANY UTILITY EASEMENTS REQUIRES A CONSENT AGREEMENT. USE CAUTION WHEN OPERATING ANY VEHICLES OR EQUIPMENT NEAR OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES. COMPLY WITH ALL CONDITIONS LISTED IN THE CONSENT AGREEMENT.
- THE DEPTH OF MINING AND THE SOUTH LIMIT-OF-MINING LINES ARE ONLY APPROXIMATE, AND ARE SUBJECT TO CHANGE BASED ON THE AMOUNT AND QUALITY OF MATERIAL UNCOVERED, AND THE ABILITY OF THE PRODUCER TO MEET THE RECLAMATION REQUIREMENTS. THE FORESEEABLE ESTIMATE OF VARIATION IS +/- 200' FOR THE SOUTH PROPERTY LINE; +/- 10' IN MINING DEPTH; AND +/- 10% OF AREA FOR EACH TYPE OF RECLAMATION. MODIFICATIONS TO THIS PLAN BEYOND THESE PREDICTED VARIANCES WILL REQUIRE AN AMENDMENT TO THE PERMIT.
- RECLAMATION INFORMATION SHOWN ON THESE PLANS IS FOR LAYOUT PURPOSES ONLY. REFER TO APPROVED RECLAMATION PLANS BY AG WEST FOR DETAILS.
- HIGH AND LOW AVERAGE GROUNDWATER ELEVATIONS BASED ON FINAL REPORT BY VERNE SCOTT, DAVIS, CA., SUBMITTED CONCURRENTLY.
- DELETED 
- AGRICULTURE FIELD SLOPES, ACCESS ROADS AND DRAIN SWALES INDICATED WILL BE CONSTRUCTED BY THE PRODUCER. FINISH GRADING AND FIELD LAYOUT WILL BE CONSTRUCTED BY THE TENANT FARMER.
- IF HUMAN SKELETAL REMAINS ARE ENCOUNTERED DURING EXCAVATION, ALL WORK WITHIN SEVENTY-FIVE (75) FEET SHALL IMMEDIATELY STOP AND THE COUNTY CORONER SHALL BE NOTIFIED WITHIN TWENTY-FOUR (24) HOURS. IF ANY CULTURAL RESOURCES, SUCH AS CHIPPED OR BURNED STONE, HISTORIC DEBRIS, BUILDING FOUNDATIONS, OR ARCHAEOLOGICAL MATERIALS ARE ENCOUNTERED DURING EXCAVATION, THEN WORK WITHIN SEVENTY-FIVE (75) FEET SHALL IMMEDIATELY STOP AND THE DIRECTOR SHALL BE NOTIFIED AT ONCE. ANY CULTURAL RESOURCES FOUND ON THE SITE SHALL BE RECORDED BY A QUALIFIED ARCHAEOLOGIST AND THE INFORMATION SHALL BE SUBMITTED TO THE COUNTY. PER CONDITION OF APPROVAL #72
- ALL WORK SHALL CONFORM TO THE 1995 YOLO COUNTY MINING ORDINANCE, THE PROJECT SPECIFIC CONDITIONS OF APPROVAL, THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP), THE SURFACE MINING AND RECLAMATION ACT (SMARA), OSHA, MSHA, AND OTHER APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
- HYDRAULIC INFORMATION SHOWN ON THESE PLANS BASED ON A HYDRAULIC REPORT PREPARED BY CUNNINGHAM ENGINEERING, APRIL 1993 AND SUPPLEMENTED IN SEPTEMBER 1995.
- WHERE AREAS ARE TO BE RECLAIMED TO AGRICULTURAL USAGE, ALL A AND B HORIZON SOIL SHALL BE RIPPED TO A DEPTH OF THREE (3) FEET AFTER EVERY ONE (1) FOOT LAYER OF SOIL IS LAID DOWN, IN ORDER TO MINIMIZE COMPACTION.
- OPERATIONAL AREAS AND HAUL ROADS THAT ARE NOT REQUIRED FOR FUTURE USE OF THE SITE SHALL BE RIPPED, RESEDED, AND PREPARED ACCORDINGLY, TO ALLOW FOR REPLANTING.
- THE GRADING OF FINAL SLOPES, THE REPLACEMENT OF SOIL, AND ASSOCIATED EROSION CONTROL MEASURES SHALL TAKE PLACE PRIOR TO NOVEMBER 1 IN AREAS WHERE MINING HAS BEEN COMPLETED. TO MINIMIZE EROSION, ALL SLOPES ABOVE THE GROUNDWATER LEVEL SHALL BE SEEDED WITH A DROUGHT-TOLERANT MIX OF NATIVE AND NON-NATIVE GRASS SPECIES, AS SOON AS IS PRACTICAL AFTER GRADING AND PRIOR TO NOVEMBER 1. THE GRASS SEED MIX SHALL BE WEED-FREE.
- SOIL SHALL BE CUT IN MAXIMUM DEPTHS IN ORDER TO MINIMIZE TRAFFIC AND LIMIT COMPACTION. THE HANDLING AND TRANSPORTATION OF SOIL SHALL BE MINIMIZED. ALL HANDLING OF TOPSOIL SHALL BE ACCOMPLISHED WHEN THE SOIL IS DRY IN ORDER TO AVOID UNDUE COMPACTION.

LEGEND:

-  EXISTING GROUND CONTOUR
-  NEW CONTOUR
-  SAND AND GRAVEL CONTOUR
-  EXISTING SPOT ELEVATION
-  NEW SPOT ELEVATION
-  NEW LEVEE TOP ELEVATION
-  PROPERTY LINE
-  EXISTING WATER SURFACE LINE
-  CREEK STATION LINE
-  10 YR WATER SURFACE EL.
-  TRANSMISSION TOWER
-  TRANSMISSION TOWER
-  POWER POLE
-  CROSS SECTION NUMBER
-  EXISTING TREE OR VEGETATION
-  AERIAL TARGET W/ EL. AND NO.
-  SLOPE
-  GRADE BREAK
-  PIT BOTTOM

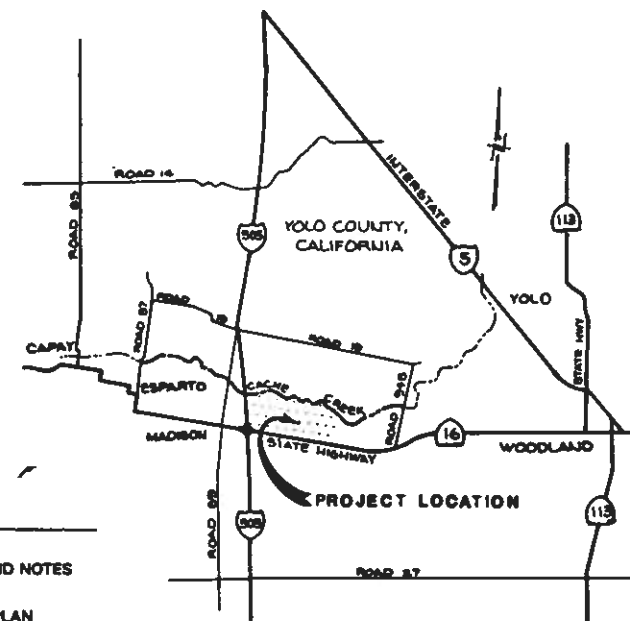
INDEX TO SHEETS:

SHEET NO.	TITLE
1	LOCATION, SYMBOLS, ABBREVIATIONS, INDEX AND NOTES
2	OVERALL RECLAMATION SITE PLAN
3	OVERALL MINING AND RECLAMATION PHASING PLAN
4	OVERALL DRAINAGE PLAN
5	PHASE I - HUTSON PARCEL
8	PHASE I - FARNHAM WEST PARCEL
7	PHASE II - KAUPKE PARCEL
8	PHASE III - FARNHAM EAST PARCEL
9	PHASE III - ORRICK / SNOYER PARCELS
10	PHASE IV / V / VI - OVERALL SNOYER PARCELS
11	PHASE IV - SNOYER WEST PARCEL
12	PHASE V NORTH - SNOYER EAST PARCEL
13	PHASE V SOUTH - SNOYER EAST PARCEL
14	PHASE VI - SNOYER WEST PARCEL
15	PHASE VII - SOLANO WEST PARCEL
16	RECLAMATION CROSS-SECTIONS
17	TYPICAL CROSS-SECTIONS
18	TYPICAL CROSS-SECTIONS
19	TYPICAL CROSS-SECTIONS
20	TYPICAL CROSS-SECTIONS
21	TYPICAL CROSS-SECTIONS
22	TYPICAL CROSS-SECTIONS

BENCHMARK:

YOLO COUNTY / USGS BENCHMARK K377 ELEVATION 134.48

DESCRIPTION: 1.85 MILE EAST OF HIGHWAY 16 AND ROAD 89 AT POWER LINE CROSSING TOP WEST END OF NORTH CONCRETE HEADWALL AT DOUBLE BOX CULVERT.



VICINITY MAP

ABBREVIATIONS:

AC	ACRES
AG	AGRICULTURE
APN	ASSESSOR'S PARCEL NUMBER
AVG	AVERAGE
CL	CENTER LINE
CMP	CORRUGATED METAL PIPE
CY	CUBIC YARDS
E	EAST
EL	ELEVATION
FG	FINISH GRADE
FL	FLOW LINE
FT	FEET
GB	GRADE BREAK
GW	GROUNDWATER
H	HORIZONTAL
IRR	IRRIGATION
N	NORTH
NO	NUMBER
OG	ORIGINAL GROUND ELEVATION
OW	OBSERVATION WELL
PC	POINT OF CURVATURE
PRC	POINT OF REVERSE CURVATURE
PL	PROPERTY LINE
PVMT	PAVEMENT
R	RADIUS
R/W	RIGHT OF WAY
S	SLOPE
STL	STEEL
S&G	SAND AND GRAVEL
TYP	TYPICAL
V	VERTICAL
W	WEST
W/	WITH
YR	YEAR
GNV	GROUND NOT VISIBLE
CCAP	CACHE CREEK AREA PLAN
COA	CONDITION OF APPROVAL


UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

California Council
of Civil Engineers
& Land Surveyors

Construction contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project, including safety of all persons and property; that this requirement shall be made to apply continuously and not be limited to normal working hours, and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the sole negligence of design professional.

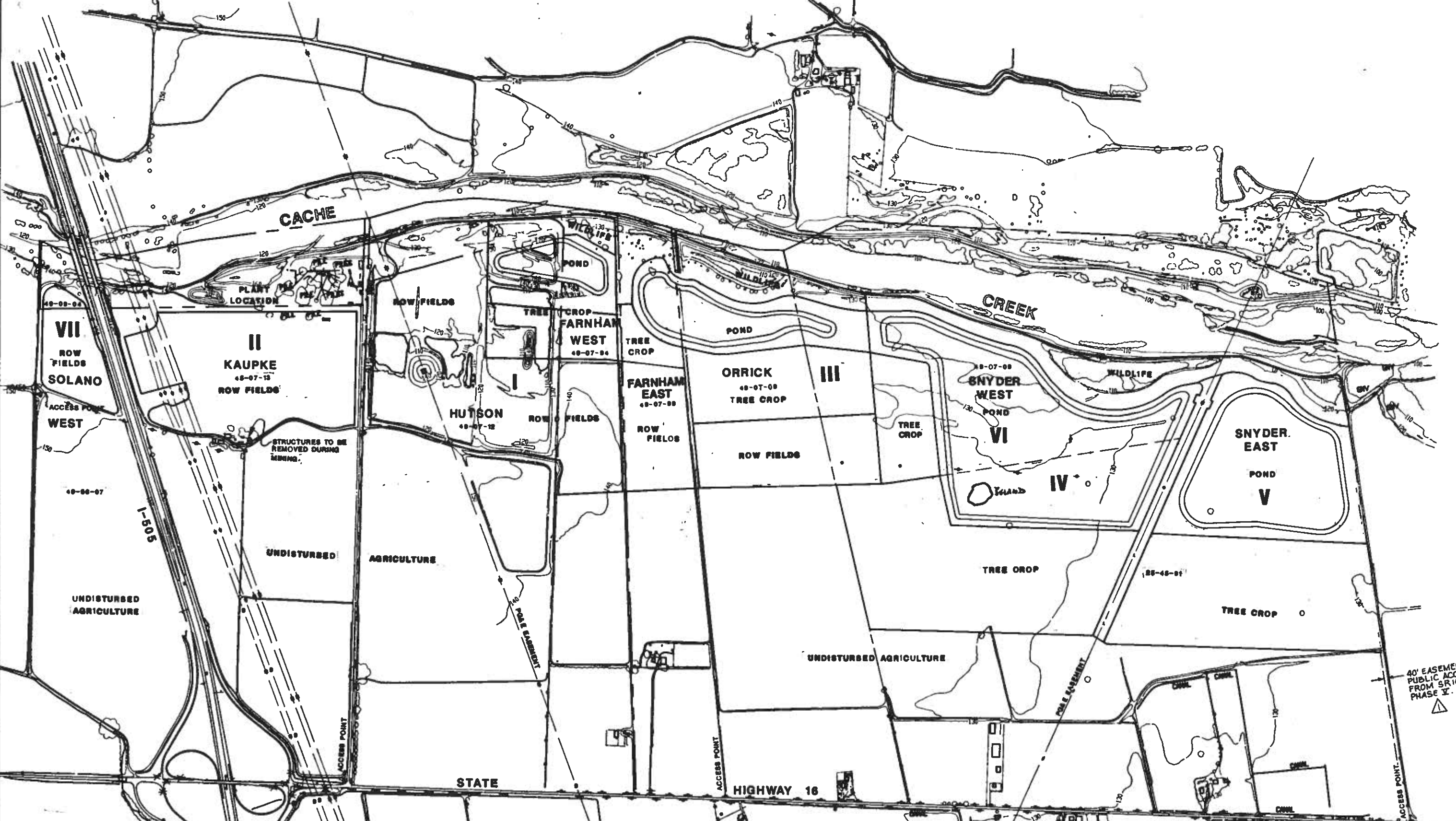
California Council
of Civil Engineers
& Land Surveyors

LONG TERM PERMIT APPLICATION SET

NO.	DATE	DESCRIPTION	BY	APP'D
	1/97	CONDITIONS OF APPROVAL		

CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95618
(916) 758-2026

SOLANO CONCRETE
MADISON PLANT
LOCATION, SYMBOLS, ABBREVIATIONS,
INDEX & NOTES
RECLAMATION



- GENERAL NOTES**
1. SEE VEGETATION PLAN FOR EXISTING AND PROPOSED VEGETATION.
 2. ALL STRUCTURES RELATED TO MINING AND PROCESSING MATERIAL WILL BE REMOVED UPON COMPLETION OF RECLAMATION.



SCALE 1"=500'

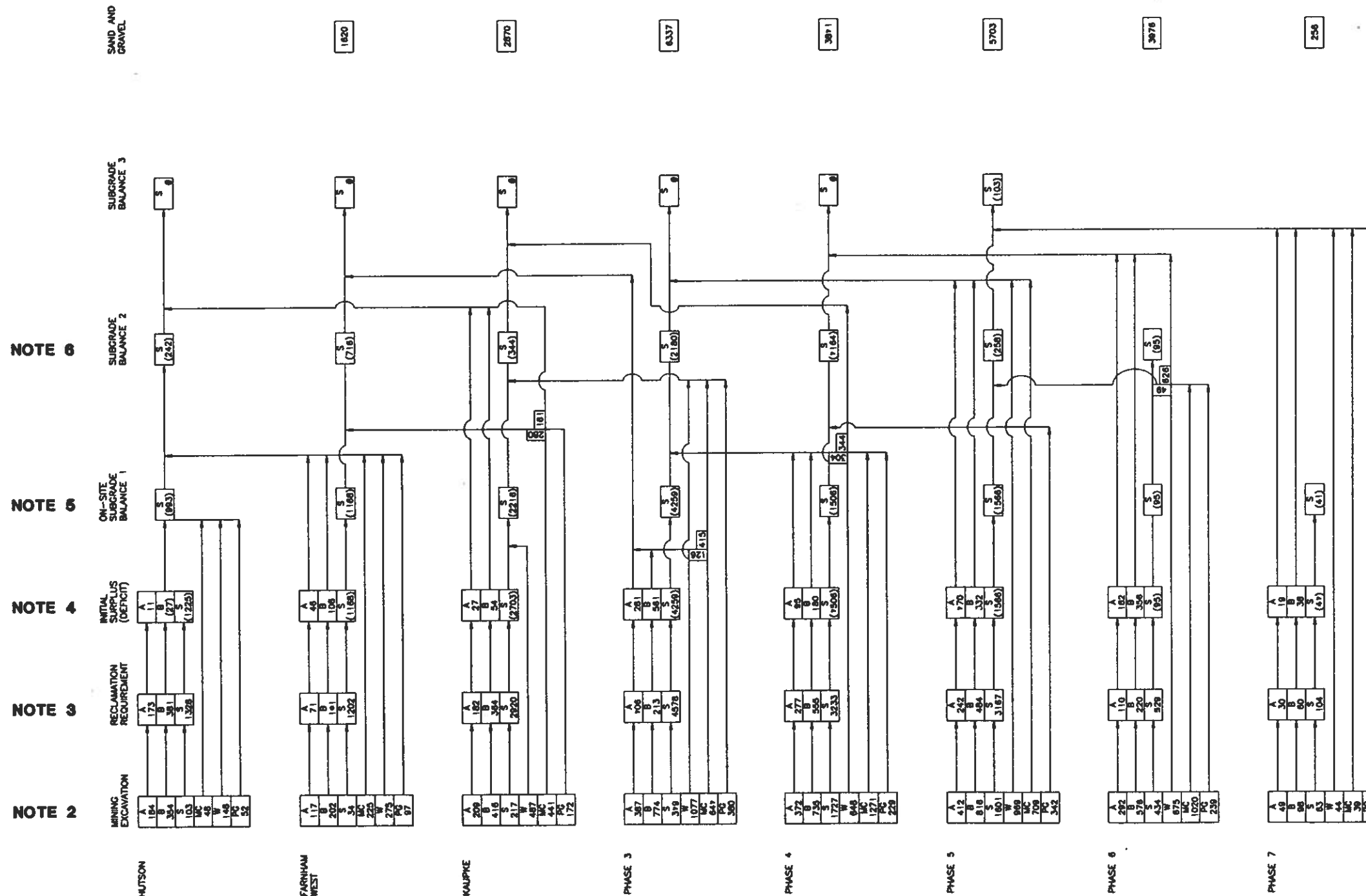
LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

CUNNINGHAM ENGINEERING
 CIVIL ENGINEERS/PROJECT MANAGERS
 123 C STREET OAKS, CA 95618
 (916) 758-2026

**SOLANO CONCRETE
 MADISON PLANT
 OVERALL RECLAMATION
 SITE PLAN**

NOTES:

1. ALL NUMBERS ARE IN 1,000th OF CUBIC YARDS. NUMBERS IN PARENTHESES ARE NEGATIVE. NO ADJUSTMENT HAS BEEN MADE FOR SHRINK, SWELL, CONSOLIDATION OR COMPACTION.
2. 'MINING EXCAVATION' NUMBERS REPRESENT OVERBURDEN AND OTHER NON-RESOURCE MATERIAL AVAILABLE FOR USE IN RECLAMATION.
3. 'RECLAMATION REQUIREMENT' NUMBERS REPRESENT ESTIMATE OF TOP SOIL AND SUBGRADE REQUIRED TO RECLAIM EACH SITE PER THE RECLAMATION PLAN.
4. 'INITIAL SURPLUS (DEFICIT)' NUMBERS REPRESENT SURPLUS (OR DEFICIT) OF TOP SOIL AND SUBGRADE.
5. 'ON-SITE SUBGRADE BALANCE 1' NUMBERS REPRESENT NET SUBGRADE DEFICIT AFTER USING ALL AVAILABLE EXCESS ON-SITE MATERIAL.
6. 'SUBGRADE BALANCE 2' NUMBERS REPRESENT NET SUBGRADE DEFICIT AFTER RECLAMATION WITH MATERIALS FROM NEXT MINING SITE.
7. THE PURPOSE OF THIS PHASING PLAN IS TO DEMONSTRATE THAT THE SITE EARTHWORK VOLUMES WILL BALANCE BASED ON THE CURRENT DESIGN. ACTUAL MOVEMENT AND STOCKPILING OF MATERIALS BETWEEN SITES MAY VARY.
8. AFTER MINING AND RECLAMATION OF EACH PHASE, A RE-EVALUATION OF THE ASSUMPTIONS WILL BE MADE AND THE MINING AND/OR RECLAMATION PLAN FOR SUBSEQUENT PHASES MAY BE ADJUSTED IF NECESSARY.
9. ~~THE CALCULATED NET BALANCE OF MATERIALS IS -239,000 CUBIC YARDS. (WHICH IS LESS THAN 1%) THE DESIGN IS THEREFORE CONSIDERED TO "BALANCE".~~
9. QUANTITIES ON THIS SHEET WERE NOT RECALCULATED TO REFLECT MINING PLAN CHANGES MADE TO REFLECT FINAL CONDITIONS OF APPROVAL. HOWEVER, GIVEN THE RELATIVELY MINOR SCOPE OF THE CHANGES, AND THE INHERENT APPROXIMATE NATURE OF THESE CALCULATIONS, THE PROJECT IS STILL CONSIDERED TO BE IN APPROXIMATE "BALANCE."



LEGEND:

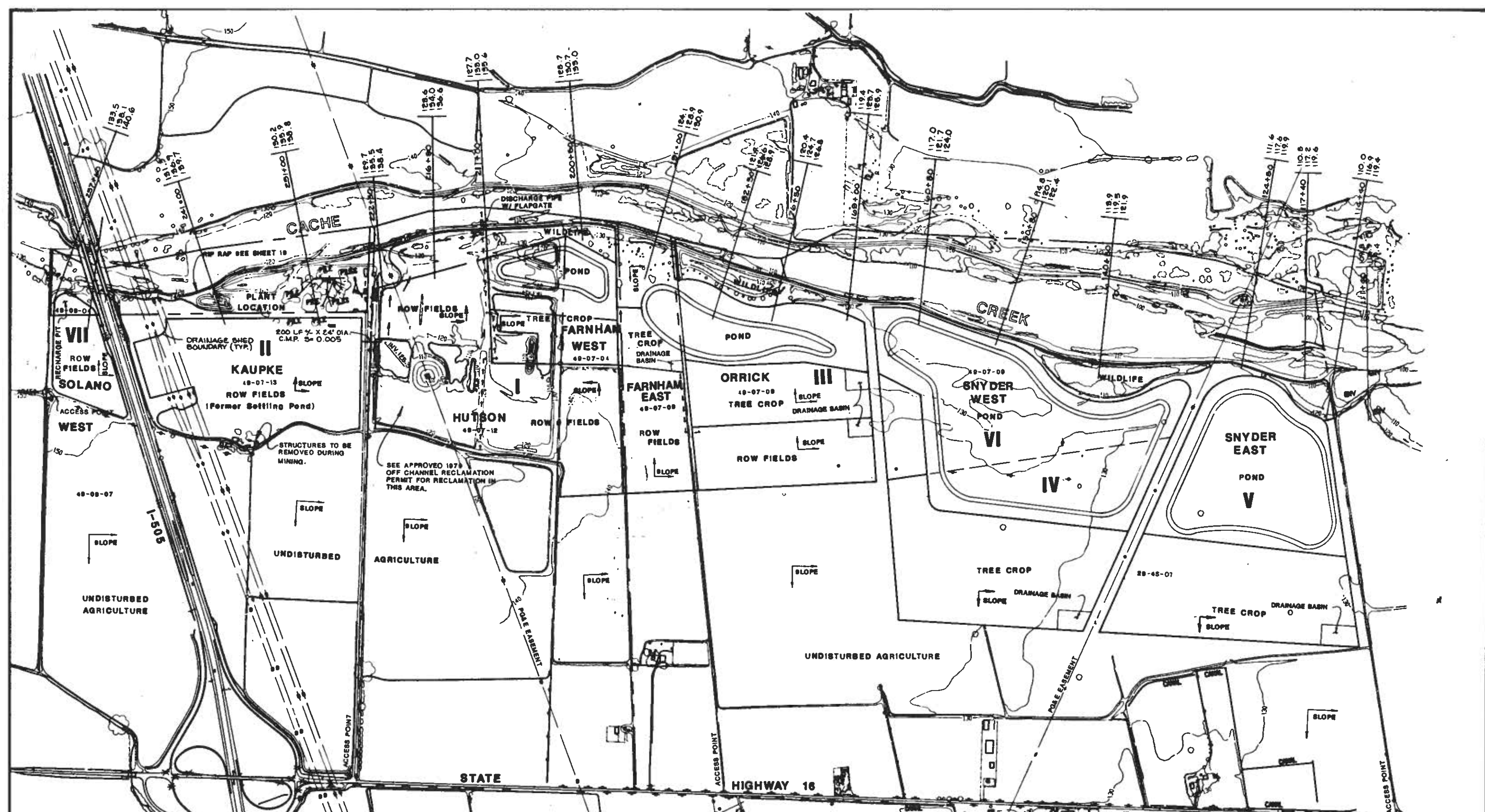
- A TOP 2' OF SOIL
- B SOIL FROM 2' TO 8' DEEP
- S SUBGRADE - SOIL GREATER THAN 8' DEEP
- W WASHWATER FINES FROM PLANT (ASSUMED AS 17% OF RAW SAND & GRAVEL)
- PG PEA GRAVEL USED FOR RECLAMATION (ASSUMED AS 8% OF RAW SAND & GRAVEL)
- (BC) BOTTOM CLAY - ASSUMED TO BE LEFT IN PLACE

LONG TERM PERMIT APPLICATION SET			
1/87	CONDITIONS OF APPROVAL		
NO.	DATE	DESCRIPTION	BY

CUNNINGHAM ENGINEERING
 CIVIL ENGINEERS/PROJECT MANAGERS
 123 C STREET DAVIS, CA 95616
 (916) 758-2026

SOLANO CONCRETE
 MADISON PLANT
OVERALL PHASING PLAN

DES: LA CADD: CH CHK: CWC DATE: NOV. 1995 SHEET 3 OF 23



LEGEND:
 169+00 LOCATION OF CREEK 3-SECTION STATION
 112.4 WATER SURFACE ELEVATION - 10 YR. STORM (HEC-3 MODEL)
 123.7 WATER SURFACE ELEVATION - 100 YR. STORM (HEC-3 MODEL)
 125.9 WATER SURFACE ELEVATION - 500 YR. STORM (HEC-3 MODEL)

- GENERAL NOTES**
1. SEE VEGETATION PLAN FOR EXISTING AND PROPOSED VEGETATION.
 2. ALL STRUCTURES RELATED TO MINING AND PROCESSING MATERIAL WILL BE REMOVED UPON COMPLETION OF RECLAMATION.
 3. SEE SWPPP FOR EROSION CONTROL MEASURES.

LEGEND:

- 110.0 10YR. WATER SURFACE ELEVATION
- 116.9 100YR. WATER SURFACE ELEVATION
- 119.4 500YR. WATER SURFACE ELEVATION



SCALE 1"=500'

Solano
 Concrete Co., Inc.

CE CUNNINGHAM ENGINEERING
 CIVIL ENGINEERS/PROJECT MANAGERS
 123 C STREET OAKS, CA 95619
 (916) 756-2026

LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY
1	1987	CONDITIONS OF APPROVAL	

**SOLANO CONCRETE
 MADISON PLANT
 OVERALL DRAINAGE
 PLAN**

NOTE: AVERAGE HIGH WATER ELEVATION = 118
 AVERAGE LOW WATER ELEVATION = 105
 SEE GROUND WATER REPORT FOR ADDITIONAL INFORMATION

NOTE: FOR ADDITIONAL RECLAMATION DETAILS IN THIS AREA SEE APPROVED RECLAMATION PLAN.

WIDEN AND RAISE LEVEE ADJACENT TO CREEK PER SECTION M-1, SEE REPORT BY KLEINFELDER FOR PLACEMENT SPECIFICATIONS (COMPLETED 1995)

NOTE: AVERAGE HIGH WATER ELEVATION = 118
 AVERAGE LOW WATER ELEVATION = 105
 SEE GROUND WATER REPORT FOR ADDITIONAL INFORMATION

HUTSON
 APR 49-07-12

RECLAIMED USE: AGRICULTURE

RECLAIMED USE: AGRICULTURE
 96 AC. ±

RECLAIMED USE: TREE CROP
 24 AC. ±

RECLAIMED USE: POND
 13 AC. ±

NOTE: DIVERT RUNOFF THROUGH TREE CROP FIELD AND FILTRATION RETURN TO NORTHWEST CORNER.

MINED UNDER 1995 PERMIT

NOTE: THIS AREA ALREADY

MATCH LINE
 SEE SHEET 6

FARNHAM WEST

RECLAMATION VOLUMES - HUTSON	
PHASE I	
"A" HORIZON TOTAL	173,000
"B" HORIZON TOTAL	381,000
SUBGRADE TOTAL	1,328,400
TOTAL	1,882,400

SCALE 1" = 100'

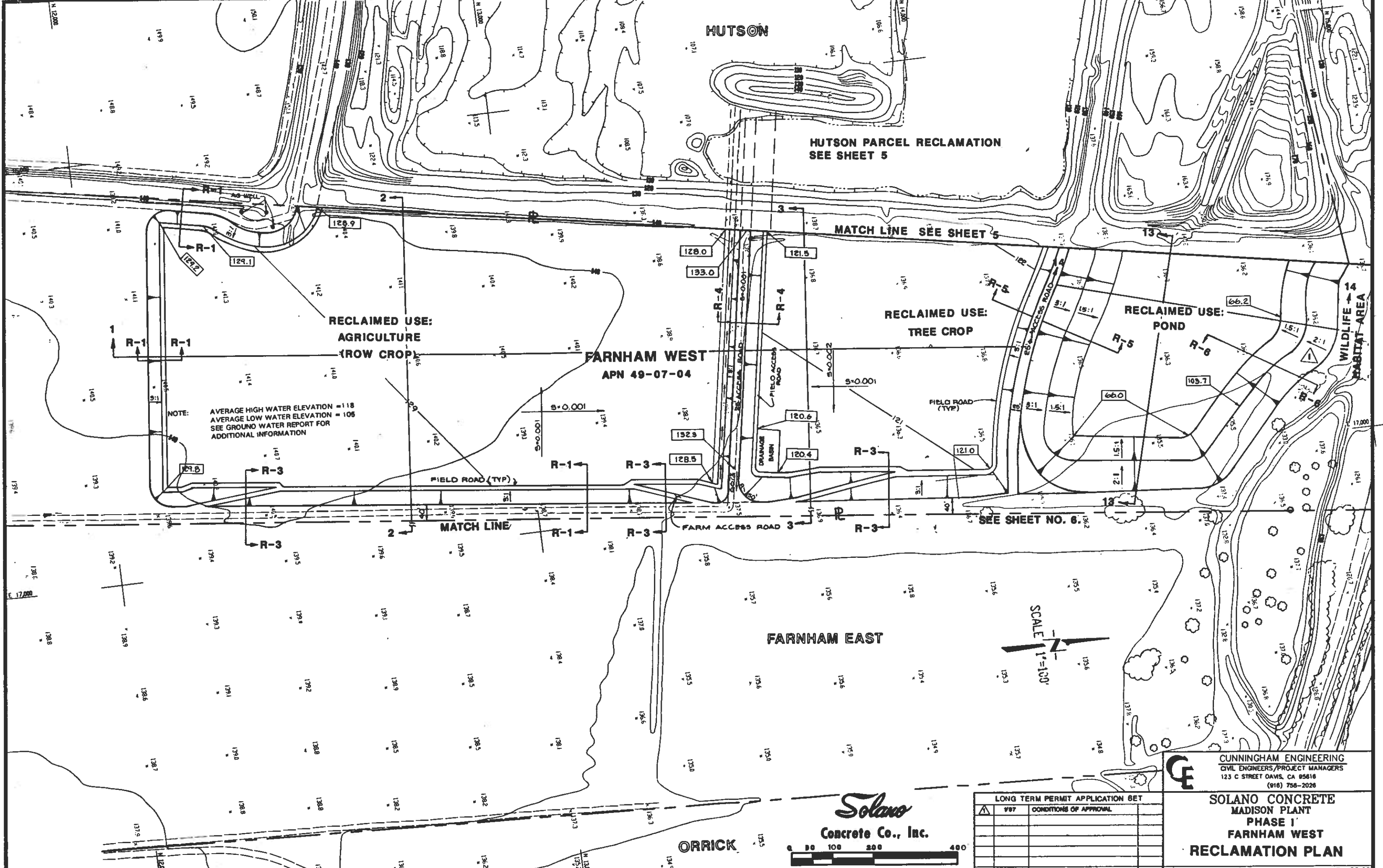
Solano
 Concrete Co., Inc.

LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY

CUNNINGHAM ENGINEERING
 CIVIL ENGINEERS/PROJECT MANAGERS
 123 C STREET DAMS, CA 95616
 (916) 758-2026

SOLANO CONCRETE
 MADISON PLANT
 PHASE I
 HUTSON PARCEL
 REVISED
 RECLAMATION PLAN

DE:LA DR:ET CHK:CWC DATE: NOV 88 SHEET 5 OF 22



NOTE: AVERAGE HIGH WATER ELEVATION = 118
 AVERAGE LOW WATER ELEVATION = 106
 SEE GROUND WATER REPORT FOR ADDITIONAL INFORMATION

SCALE 1" = 100'

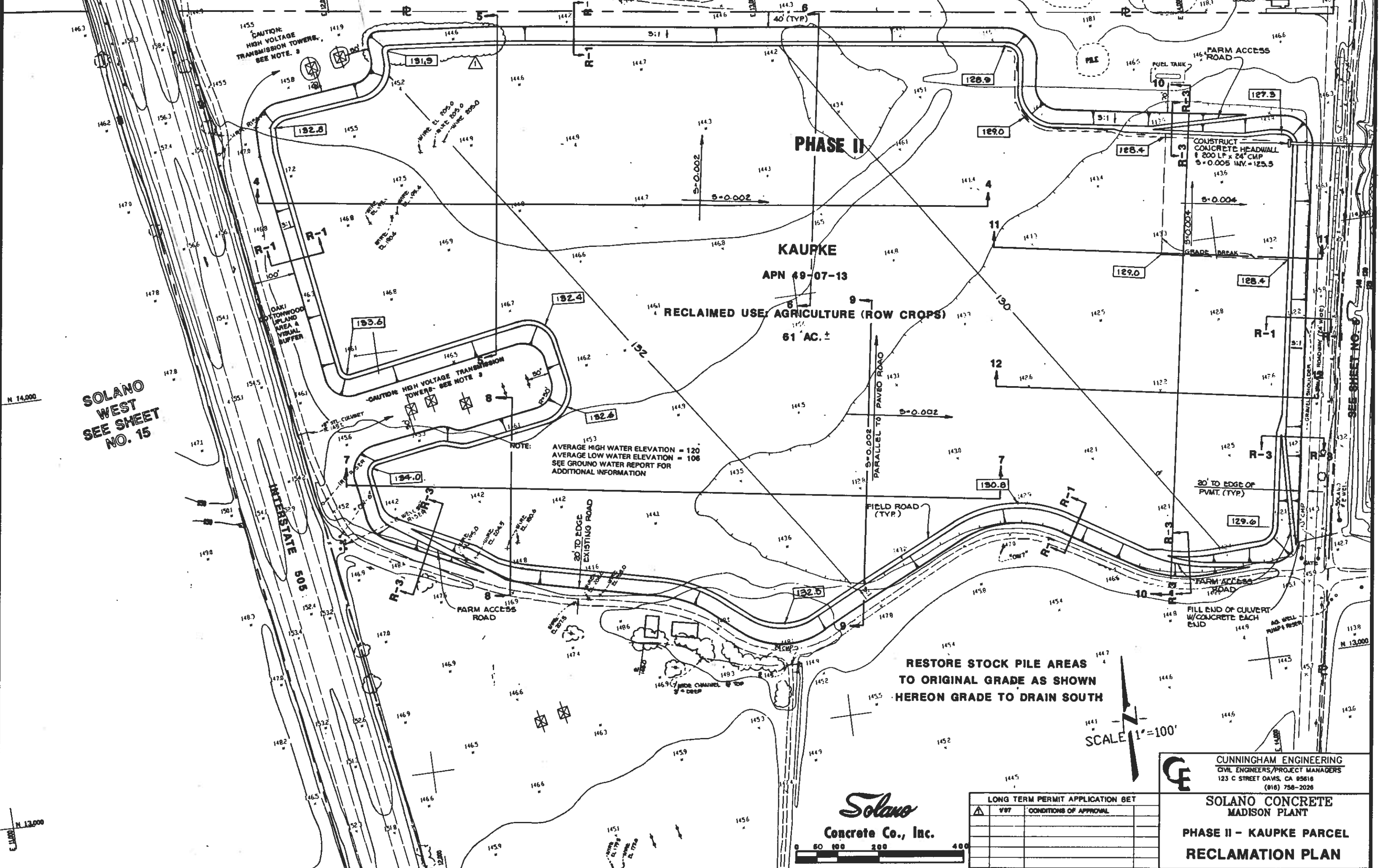
Solano
 Concrete Co., Inc.



CUNNINGHAM ENGINEERING
 CIVIL ENGINEERS/PROJECT MANAGERS
 123 C STREET OAKS, CA 95616
 (916) 756-2026

SOLANO CONCRETE
 MADISON PLANT
 PHASE I
 FARNHAM WEST
 RECLAMATION PLAN

LONG TERM PERMIT APPLICATION SET		
NO.	DATE	DESCRIPTION
1	1997	CONDITIONS OF APPROVAL



SOLANO WEST
SEE SHEET
NO. 15

N 14,000

N 13,000

INTERSTATE 508

PHASE II

KAUPKE
APN 49-07-13

RECLAIMED USE AGRICULTURE (ROW CROPS)
61 AC. ±

CAUTION HIGH VOLTAGE
TRANSMISSION TOWERS -
SEE NOTE 8

NOTE:
AVERAGE HIGH WATER ELEVATION = 120
AVERAGE LOW WATER ELEVATION = 108
SEE GROUND WATER REPORT FOR
ADDITIONAL INFORMATION

RESTORE STOCK PILE AREAS
TO ORIGINAL GRADE AS SHOWN
HEREON GRADE TO DRAIN SOUTH

SCALE 1"=100'

Solano
Concrete Co., Inc.



LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY
1	9/97	CONDITIONS OF APPROVAL	

CE CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET OAKS, CA 95616
(916) 758-2026

**SOLANO CONCRETE
MADISON PLANT**

**PHASE II - KAUPKE PARCEL
RECLAMATION PLAN**

DES: LA OR ET CHK: CWC DATE: NOV 08 SHEET 7 OF 22

HUTSON

HUTSON PARCEL RECLAMATION
SEE SHEET 5

MATCH LINE SEE SHEET 5

RECLAIMED USE:
AGRICULTURE
(ROW CROP)

FARNHAM WEST

RECLAIMED USE:
TREE CROP

RECLAIMED USE:
POND

WILDLIFE
HABITAT AREA

FIELD ROAD (TYP)

MATCH LINE SEE SHEET NO. 6

FIELD ROAD (TYP)

WILDLIFE
HABITAT AREA

FARM ACCESS ROAD

FARM ACCESS ROAD

RECLAIMED USE:
TREE CROP

FARNHAM EAST
APN 49-07-05

RECLAIMED USE:
ROW CROP AGRICULTURE

RECLAIMED USE:
POND

NOTE:
AVERAGE HIGH WATER ELEVATION = 118
AVERAGE LOW WATER ELEVATION = 103
SEE GROUND WATER REPORT FOR
ADDITIONAL INFORMATION

SHEET NO. 9

SEE SHEET MATCH LINE

ORRICK

Solano
Concrete Co., Inc.



CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95616
(916) 758-2026

SOLANO CONCRETE
MADISON PLANT
PHASE III
FARNHAM EAST
RECLAMATION PLAN

LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY
1		CONDITIONS OF APPROVAL	

DES:LA DR:ET CHK:CWC DATE:NOV 1999 SHEET 9 OF 22

FARNHAM EAST
MATCH LINE

SEE SHEET NO. 8

PHASE III

ORRICK
APN 49-07-08

ORRICK-NORTH
APN 49-07-10
HABITAT ZONE

RECLAIMED USE:
CROP AGRICULTURE
(ROW CROP)
56 AC.±

RECLAIMED USE:
TREE CROP
34 AC.±

RECLAIMED USE:
POND
20 AC.±

SNYDER WEST
APN 49-07-09

NOTE: AVERAGE HIGH WATER ELEVATION = 118
AVERAGE LOW WATER ELEVATION = 103
SEE GROUND WATER REPORT FOR
ADDITIONAL INFORMATION

Solano
Concrete Co., Inc.

CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95618
(916) 758-2028

SOLANO CONCRETE
MADISON PLANT
PHASE III
ORRICK/SNYDER PARCELS
RECLAMATION PLAN

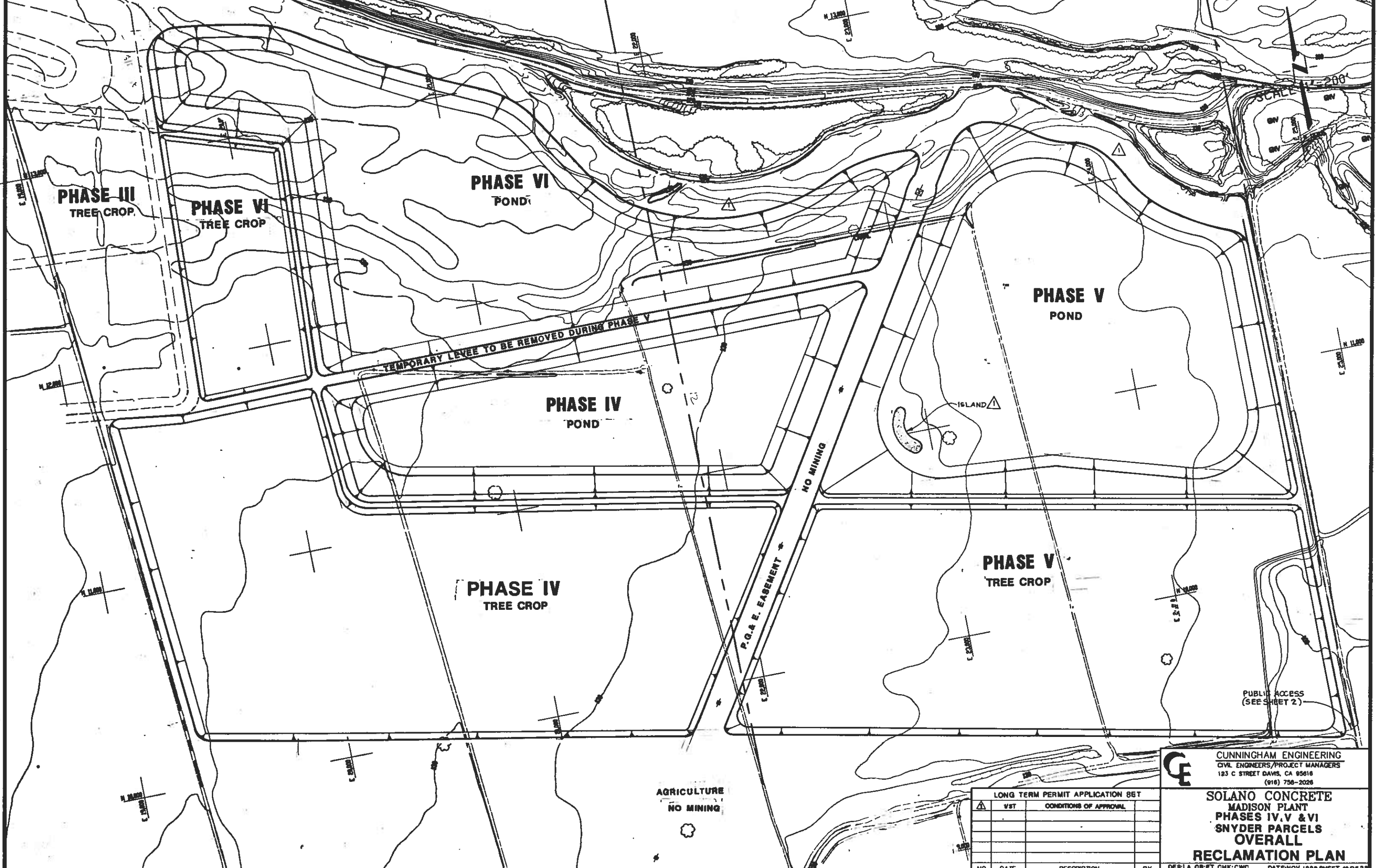
SCALE 1"=100'



LONG TERM PERMIT APPLICATION SET	
NO.	DATE

BY DE&LA DRIET CHK:CWC DATE NOV 89 SHEET 8 OF 22

MATCH LINE SEE SHEET NO. 14



**PHASE III
TREE CROP.**

**PHASE VI
TREE CROP**

**PHASE VI
POND**

**PHASE V
POND**

TEMPORARY LEVEE TO BE REMOVED DURING PHASE V

**PHASE IV
POND**

ISLAND

NO MINING

**PHASE IV
TREE CROP**

**PHASE V
TREE CROP**

P.O. & E. EASEMENT

PUBLIC ACCESS
(SEE SHEET 2)

AGRICULTURE
NO MINING



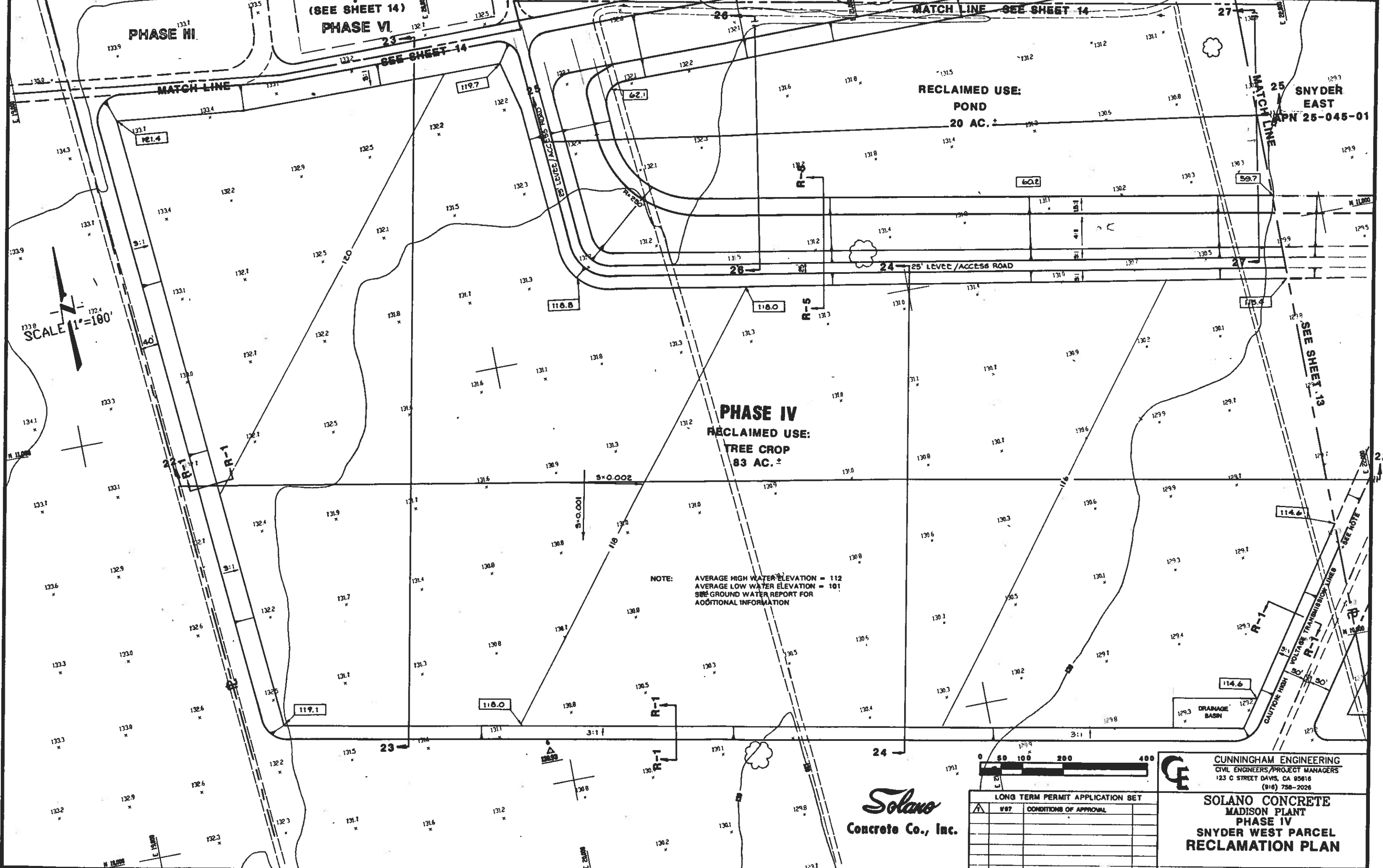
CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95616
(916) 756-2026

SOLANO CONCRETE
MADISON PLANT
PHASES IV, V & VI
SNYDER PARCELS
OVERALL
RECLAMATION PLAN

LONG TERM PERMIT APPLICATION SET

NO.	DATE	DESCRIPTION	BY

DESIGNER: LAURENCE GRET CHECKER: CWC DATE: NOV 1999 SHEET 10 OF 22



SCALE 1"=100'

NOTE: AVERAGE HIGH WATER ELEVATION = 112
 AVERAGE LOW WATER ELEVATION = 101
 SEE GROUND WATER REPORT FOR ADDITIONAL INFORMATION

Solano
 Concrete Co., Inc.

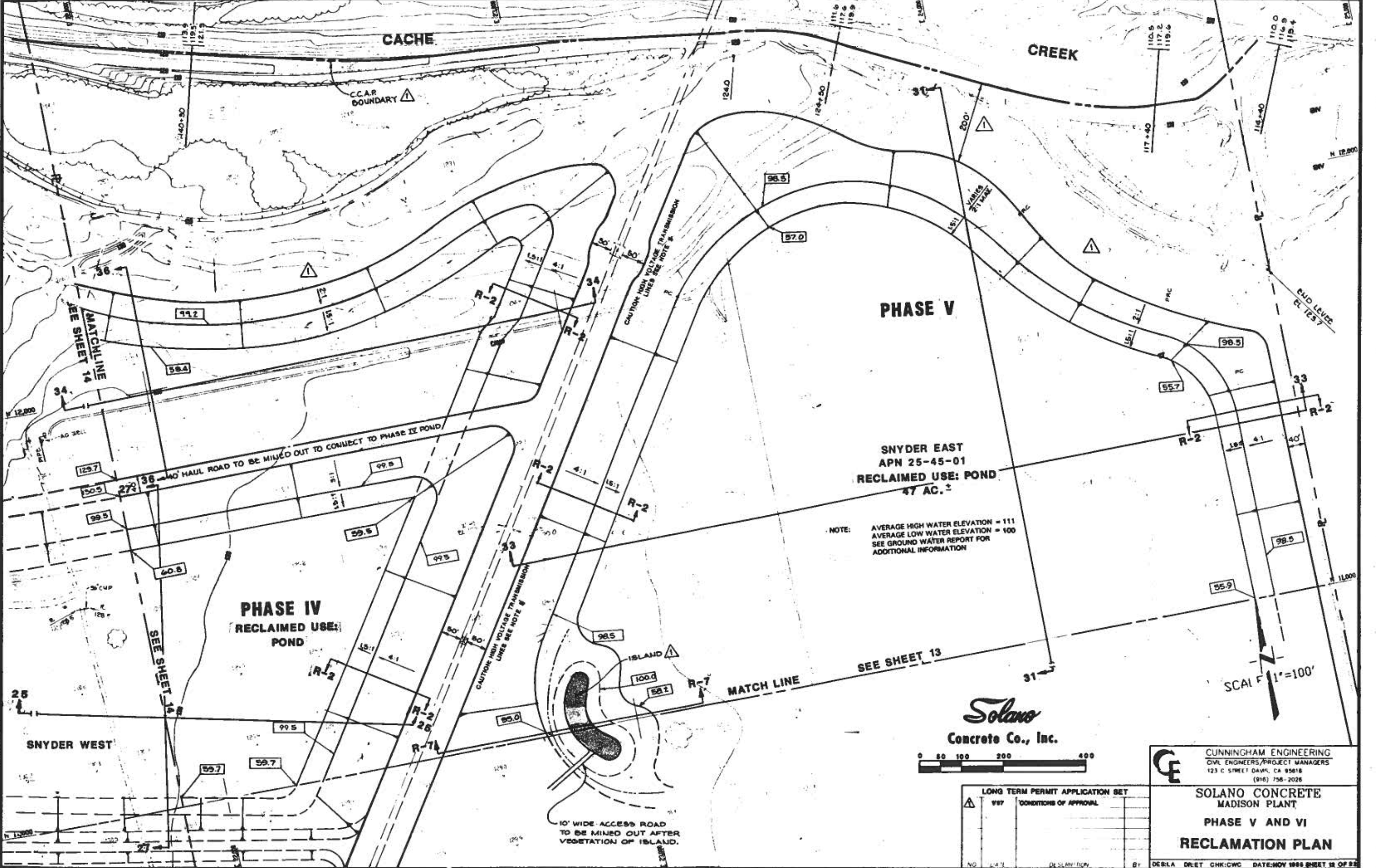


CUNNINGHAM ENGINEERING
 CIVIL ENGINEERS/PROJECT MANAGERS
 123 C STREET DAVIS, CA 95616
 (916) 758-2026

**SOLANO CONCRETE
 MADISON PLANT
 PHASE IV
 SNYDER WEST PARCEL
 RECLAMATION PLAN**

LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY
1	11/87	CONDITIONS OF APPROVAL	

DBB:LA OR:08 CHK:CWC DATE:NOV88 SHEET 11 OF 22



CACHE

CREEK

CCAR BOUNDARY

PHASE V

SNYDER EAST
APN 25-45-01
RECLAIMED USE: POND
47 AC. ±

PHASE IV
RECLAIMED USE:
POND

NOTE: AVERAGE HIGH WATER ELEVATION = 111
AVERAGE LOW WATER ELEVATION = 100
SEE GROUND WATER REPORT FOR
ADDITIONAL INFORMATION

SCALE 1"=100'

Solano
Concrete Co., Inc.



CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95618
(916) 756-2026

SOLANO CONCRETE
MADISON PLANT
PHASE V AND VI
RECLAMATION PLAN

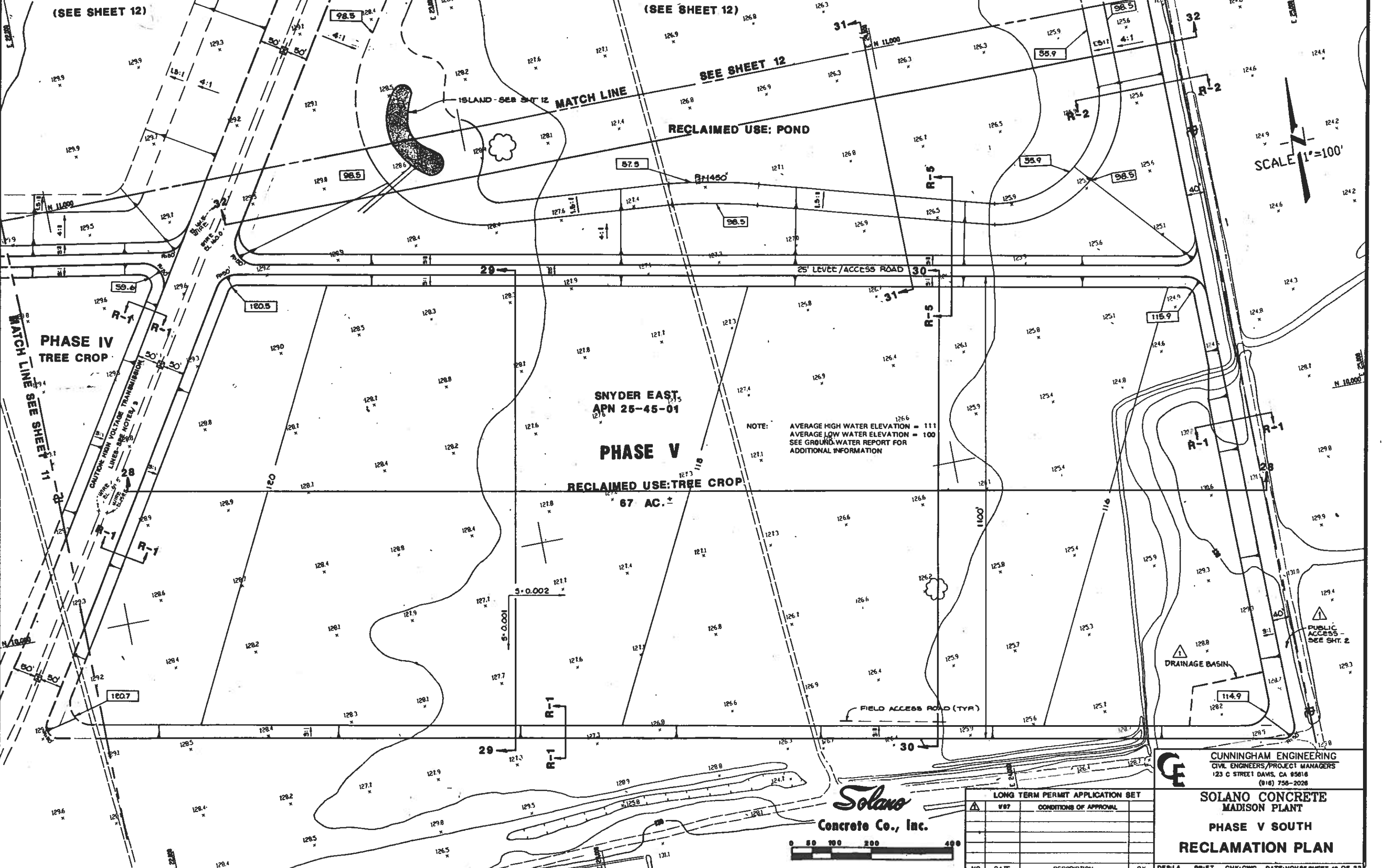
LONG TERM PERMIT APPLICATION SET	
▲	997
	CONDITIONS OF APPROVAL
NO	DATE

DES:LA DRET CHK:CWC DATE:NOV 1988 SHEET 18 OF 28

(SEE SHEET 12)

(SEE SHEET 12)

SCALE 1"=100'



NOTE: AVERAGE HIGH WATER ELEVATION = 111
 AVERAGE LOW WATER ELEVATION = 100
 SEE GROUND WATER REPORT FOR ADDITIONAL INFORMATION

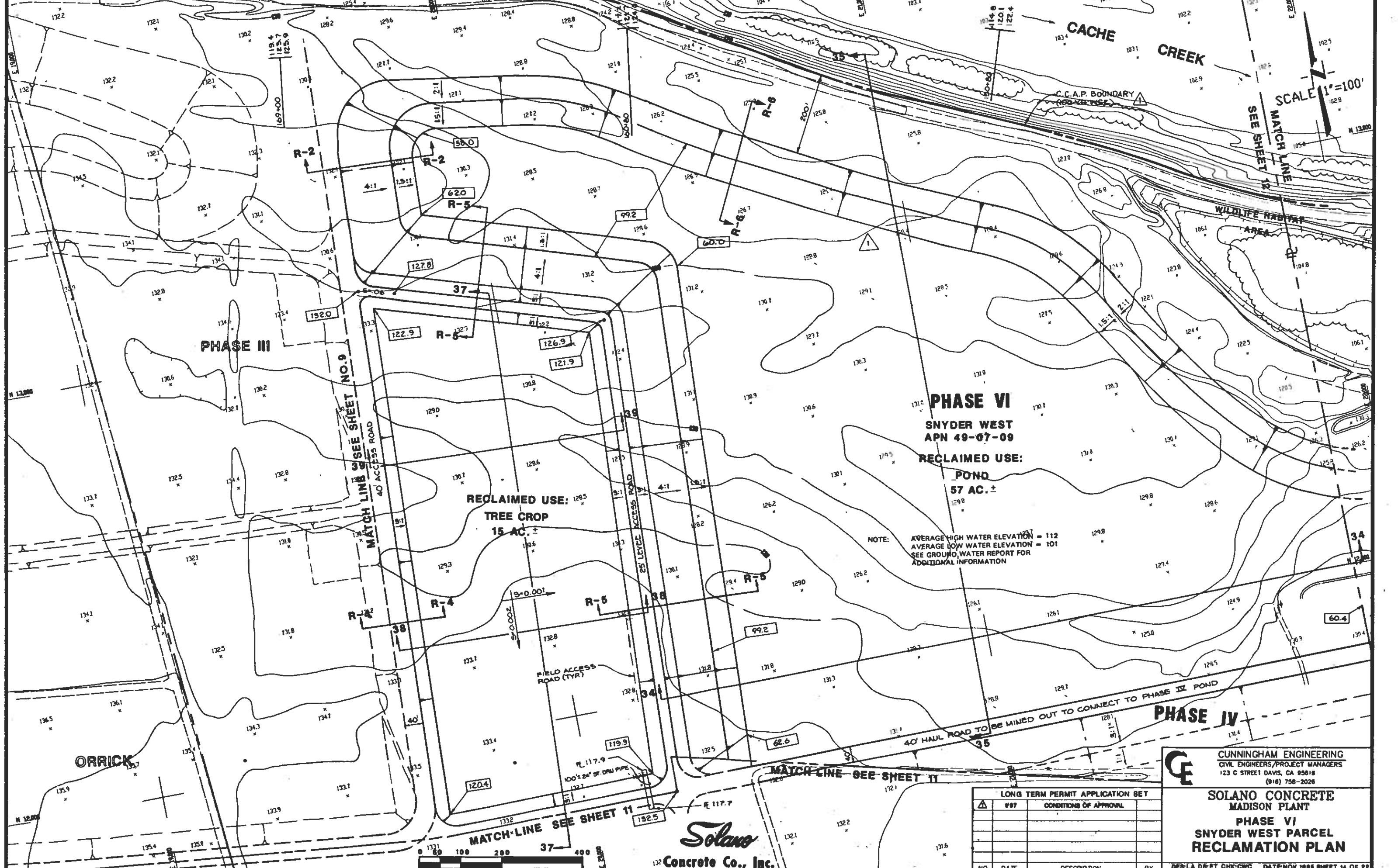
CUNNINGHAM ENGINEERING
 CIVIL ENGINEERS/PROJECT MANAGERS
 123 C STREET DAVIS, CA 95616
 (916) 758-2026

SOLANO CONCRETE
 MADISON PLANT
 PHASE V SOUTH
 RECLAMATION PLAN

Solano
 Concrete Co., Inc.



LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY
1	7/87	CONDITIONS OF APPROVAL	



PHASE VI
SNYDER WEST
APN 49-07-09
RECLAIMED USE:

RECLAIMED USE:
TREE CROP
15 AC. ±

POND
57 AC. ±

NOTE: AVERAGE HIGH WATER ELEVATION = 112
 AVERAGE LOW WATER ELEVATION = 101
 SEE GROUND WATER REPORT FOR
 ADDITIONAL INFORMATION

CE CUNNINGHAM ENGINEERING
 CIVIL ENGINEERS/PROJECT MANAGERS
 123 G STREET DAVIS, CA 95618
 (916) 758-2026

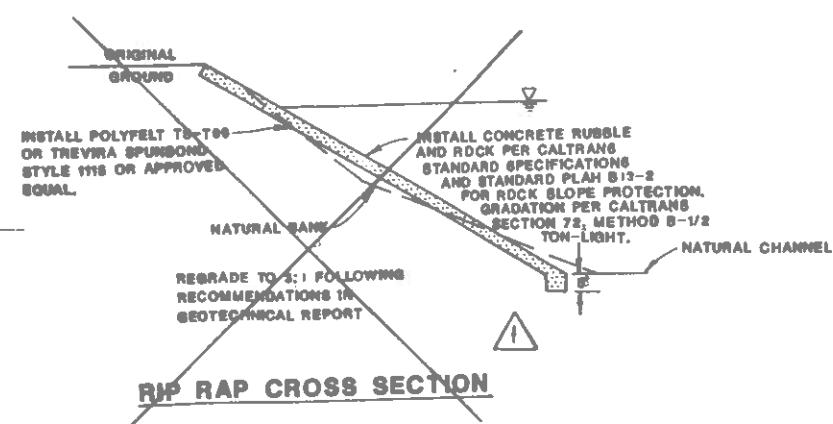
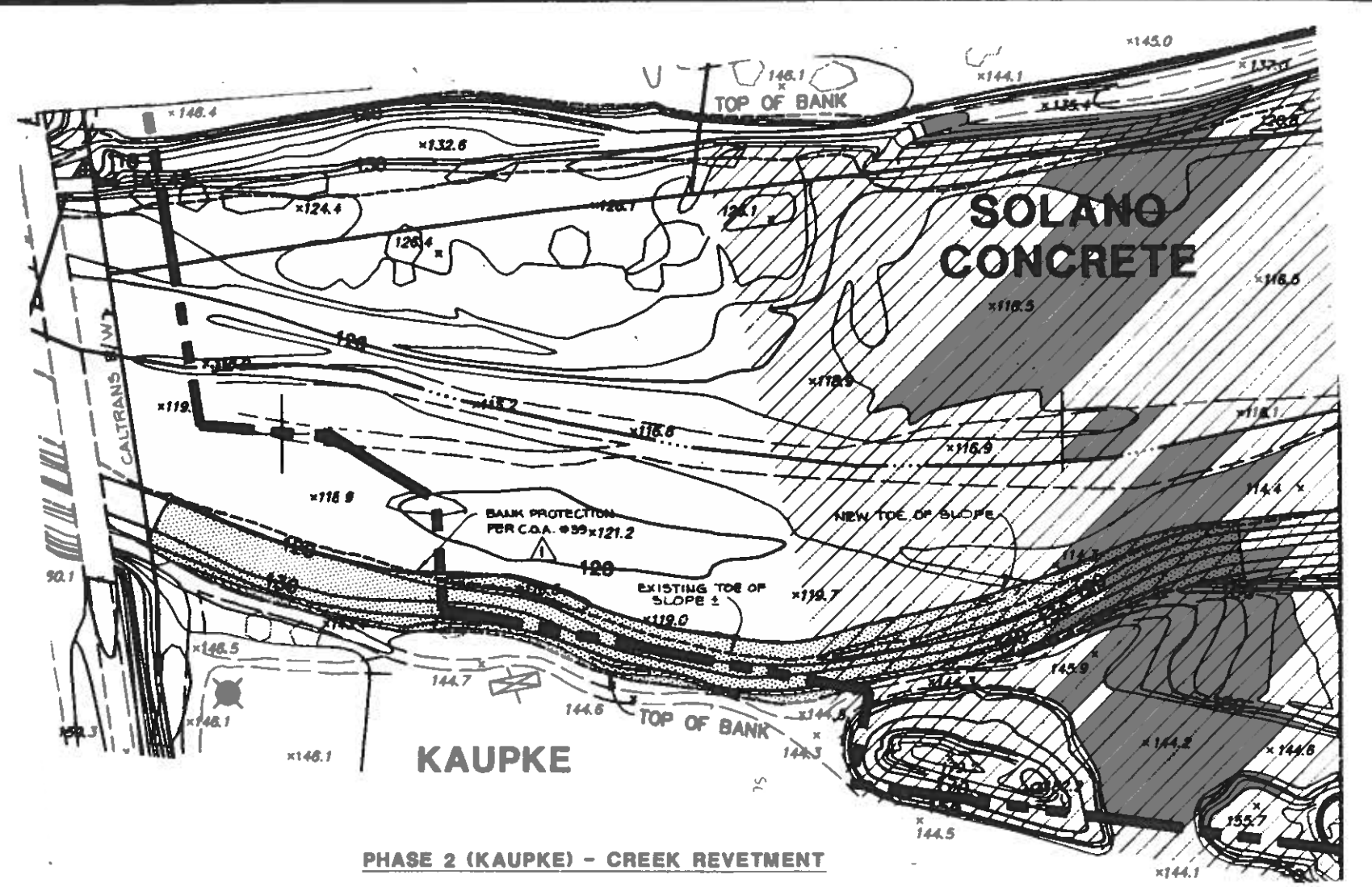
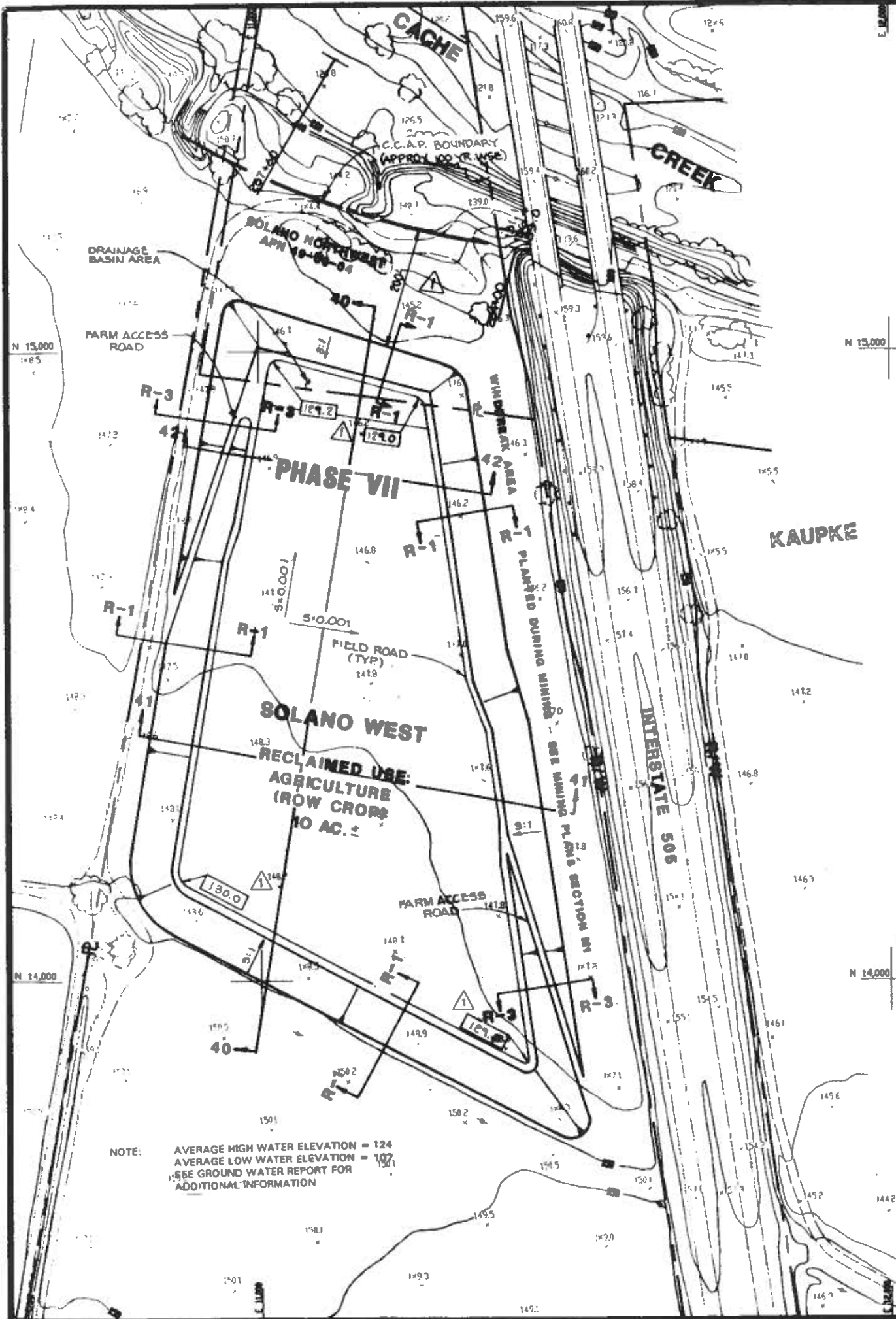
SOLANO CONCRETE
MADISON PLANT
PHASE VI
SNYDER WEST PARCEL
RECLAMATION PLAN

LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY
1	1/87	CONDITIONS OF APPROVAL	

DES/TA DRET CHCCWC DAT/NOV 1986 SHEET 14 OF 28

Solano
 Concrete Co., Inc.



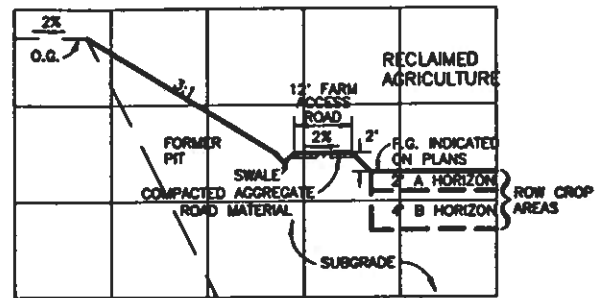


Solano
Concrete Co., Inc.



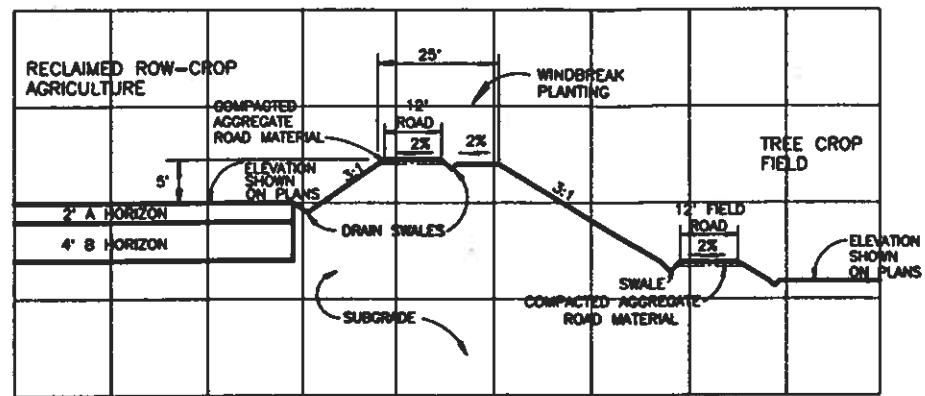
SCALE 1"=100'

LONG TERM PERMIT APPLICATION SET		CUNNINGHAM ENGINEERING CIVIL ENGINEERS/PROJECT MANAGERS 123 C STREET DAVIS, CA 95618 (916) 158-2028		
		SOLANO CONCRETE MADISON PLANT PHASE VII - SOLANO WEST RECLAMATION PLAN		
NO.	DATE			DESCRIPTION



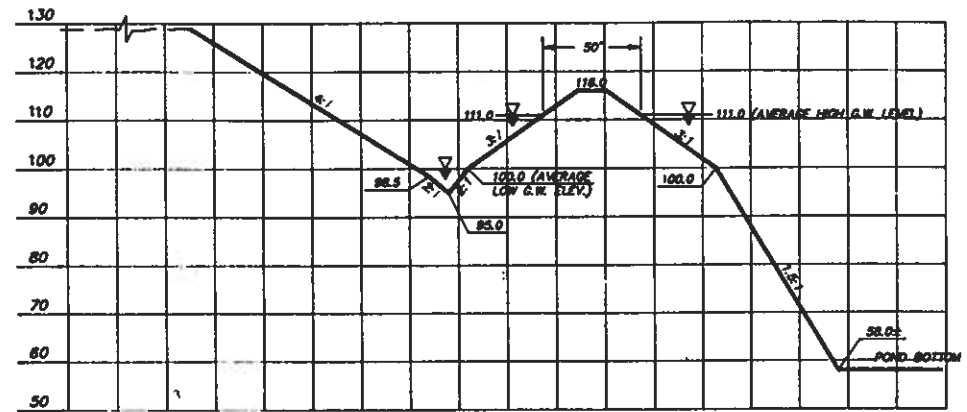
SECTION R-1

1"=20'H
1"=10'V



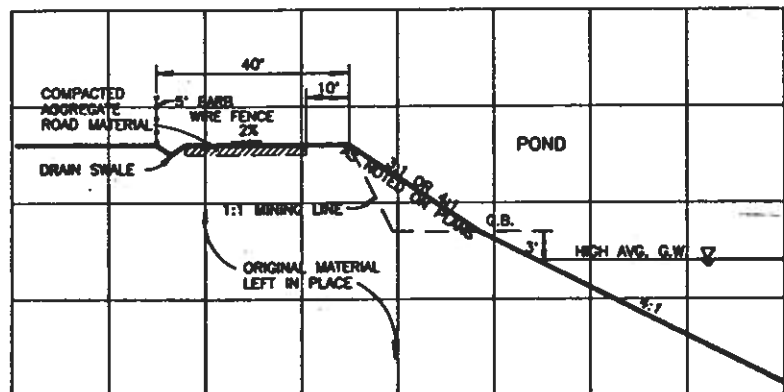
SECTION R-4

1"=20'H
1"=10'V



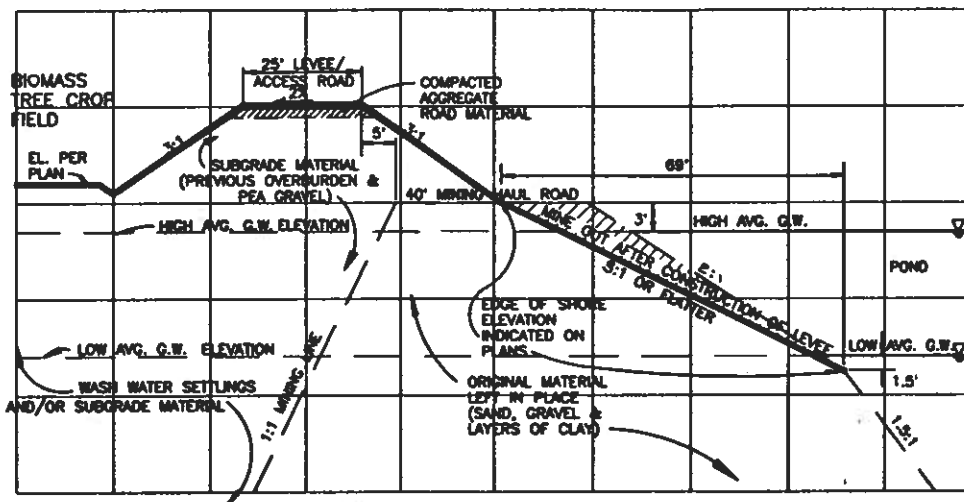
SECTION R-7

SCALE: HORIZ. 1"=50', VERT. 1"=20'



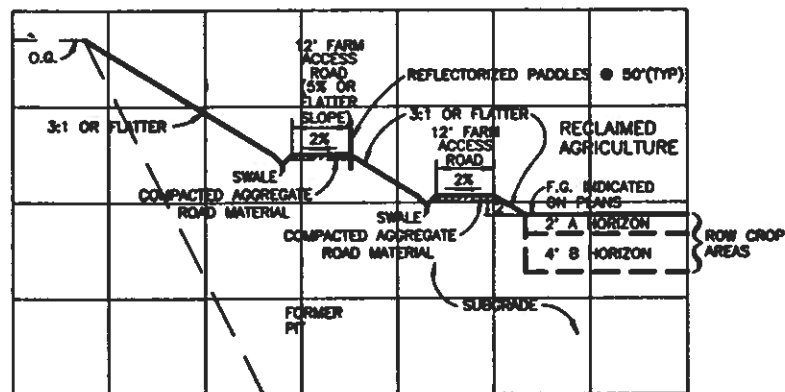
SECTION R-2

1"=20'H
1"=10'V



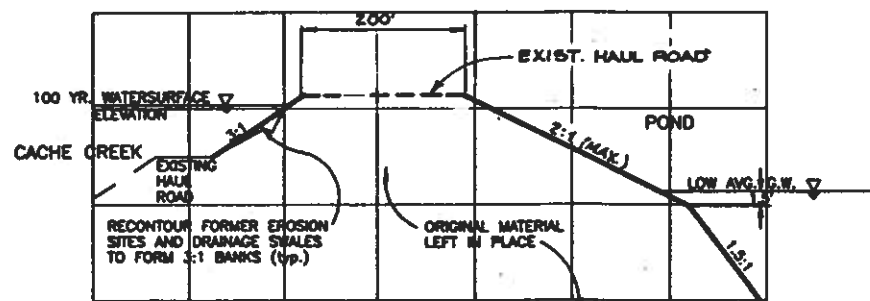
SECTION R-5

NOT TO SCALE



SECTION R-3

1"=20'H
1"=10'V



SECTION R-6

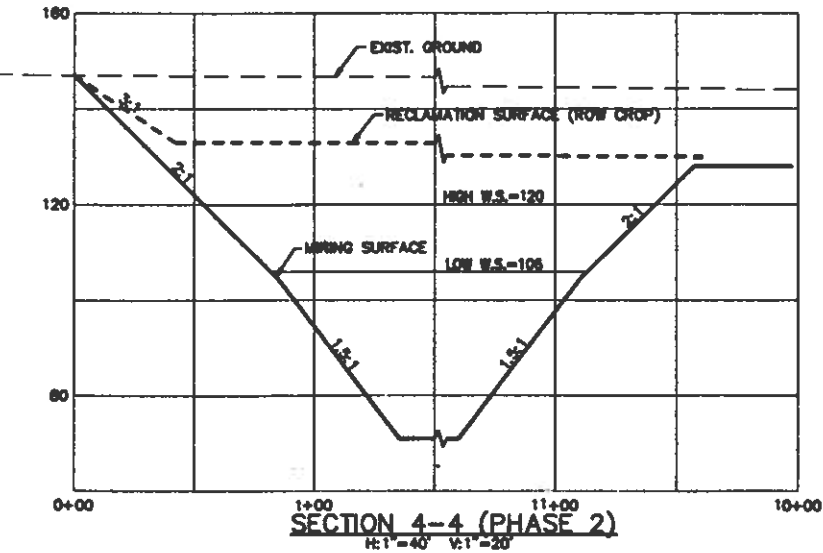
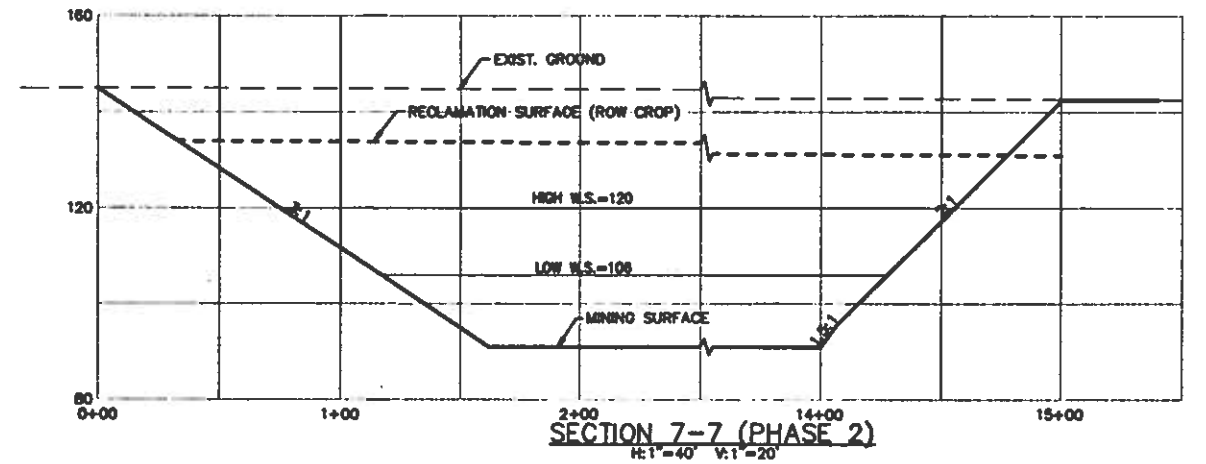
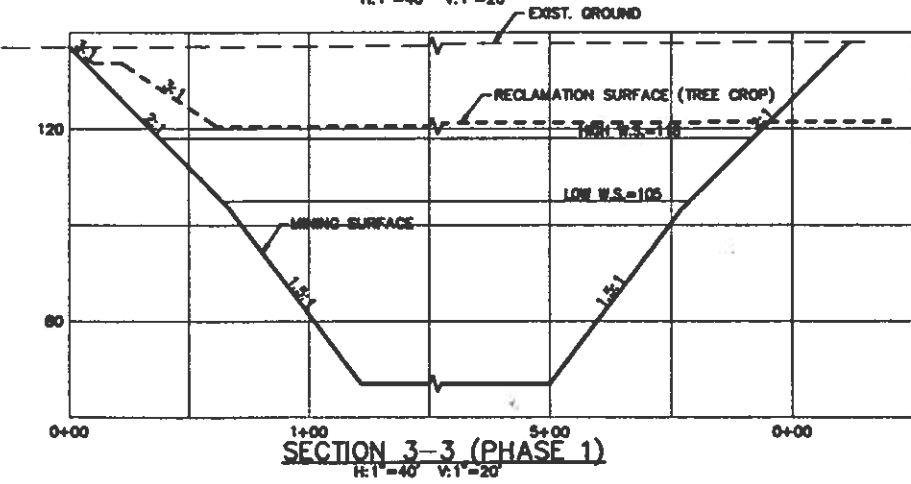
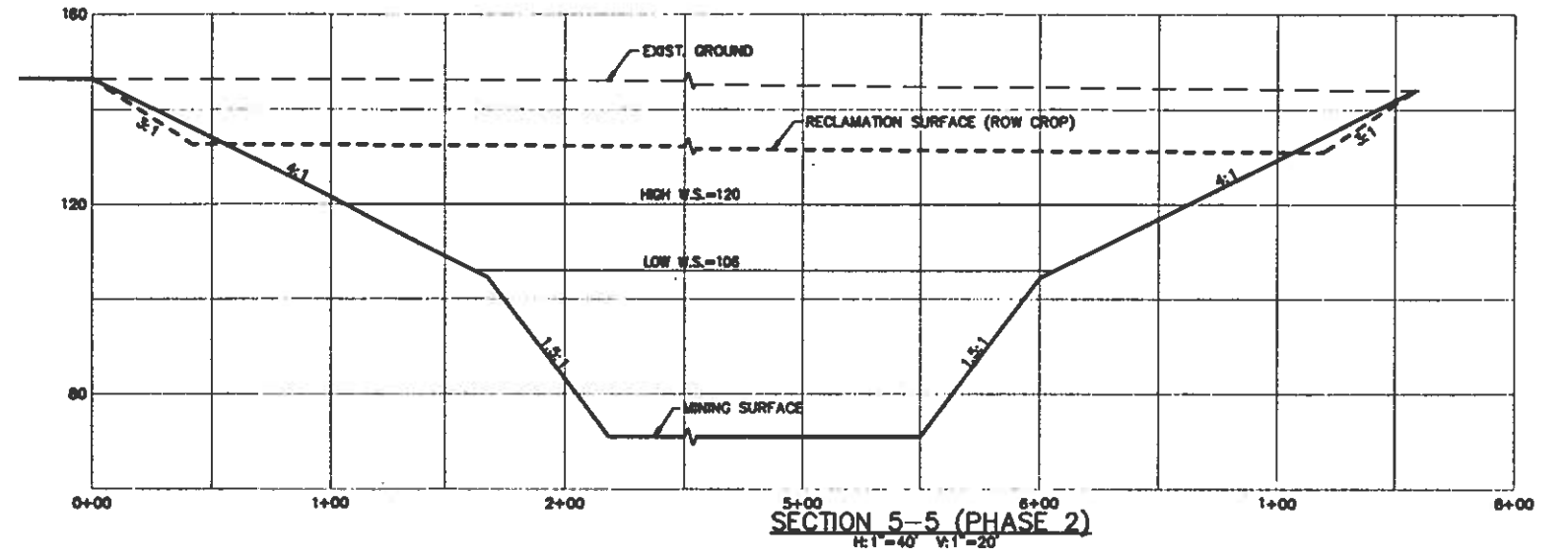
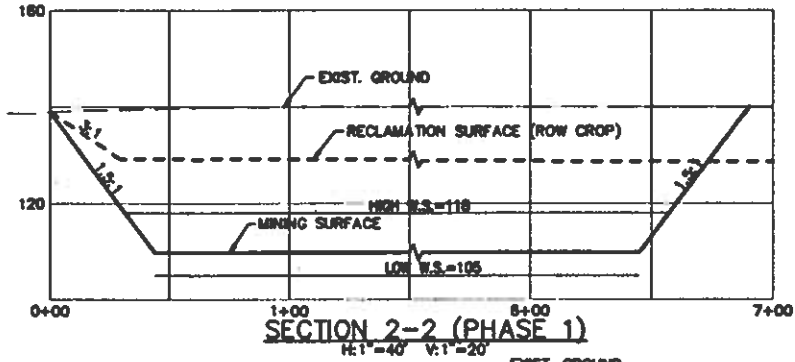
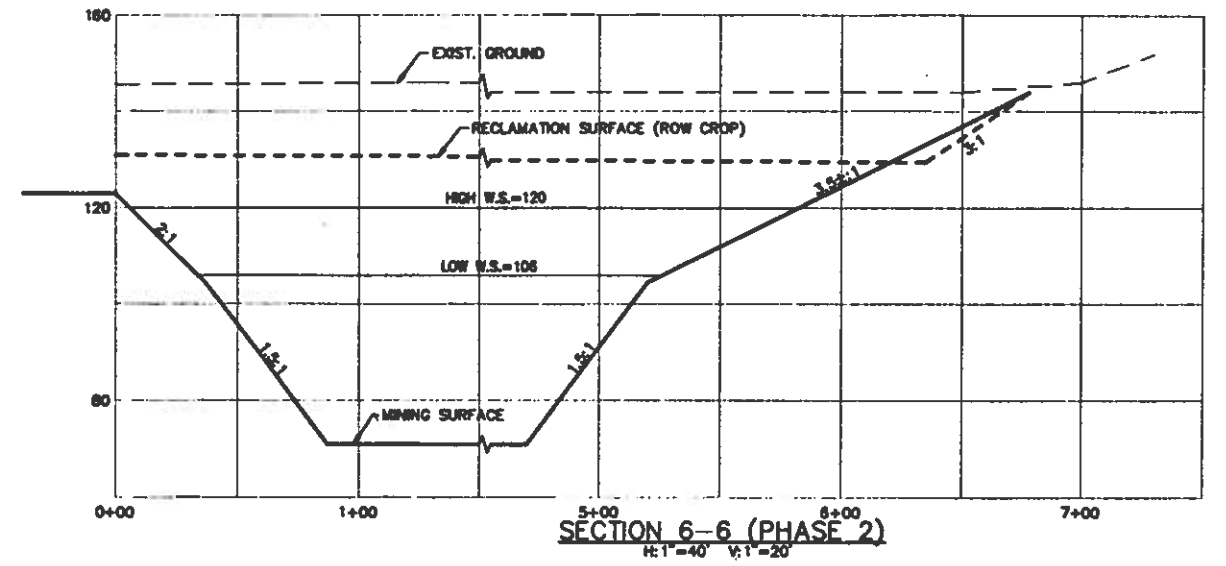
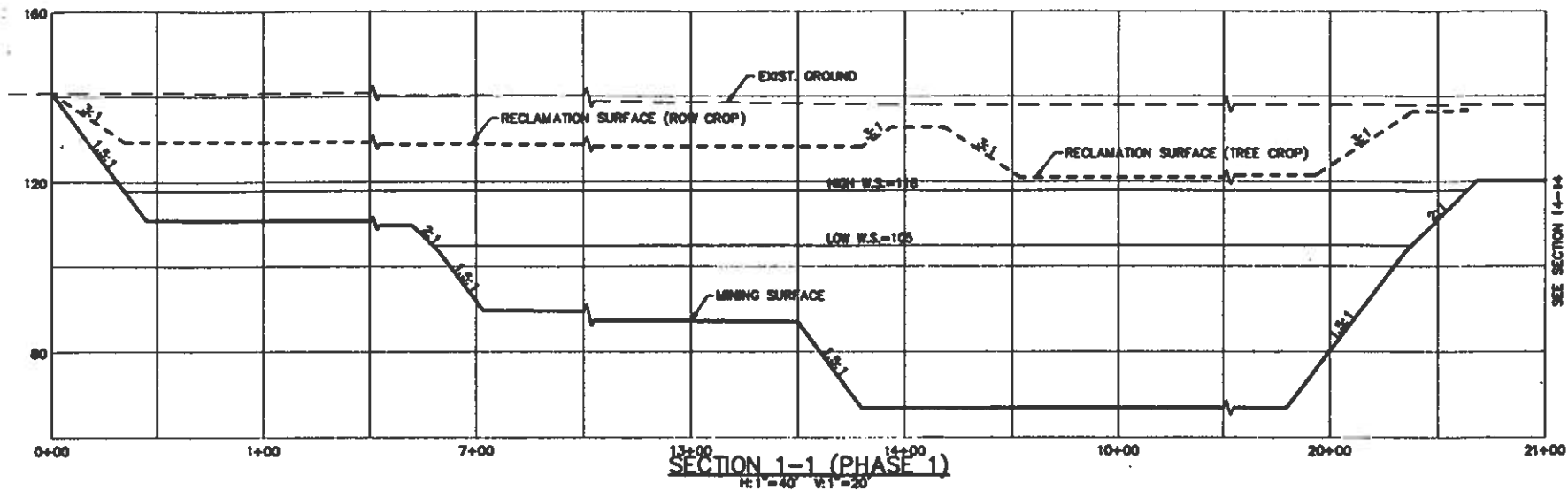
NOT TO SCALE

LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY
1	8/97	CONDITIONS OF APPROVAL	

CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95618
(916) 788-2028

SOLANO CONCRETE
MADISON PLANT
RECLAMATION
CROSS SECTIONS

DES: LA CADD: JG CHK: CWC DATE: 27NOV95 SHEET 16 OF 22

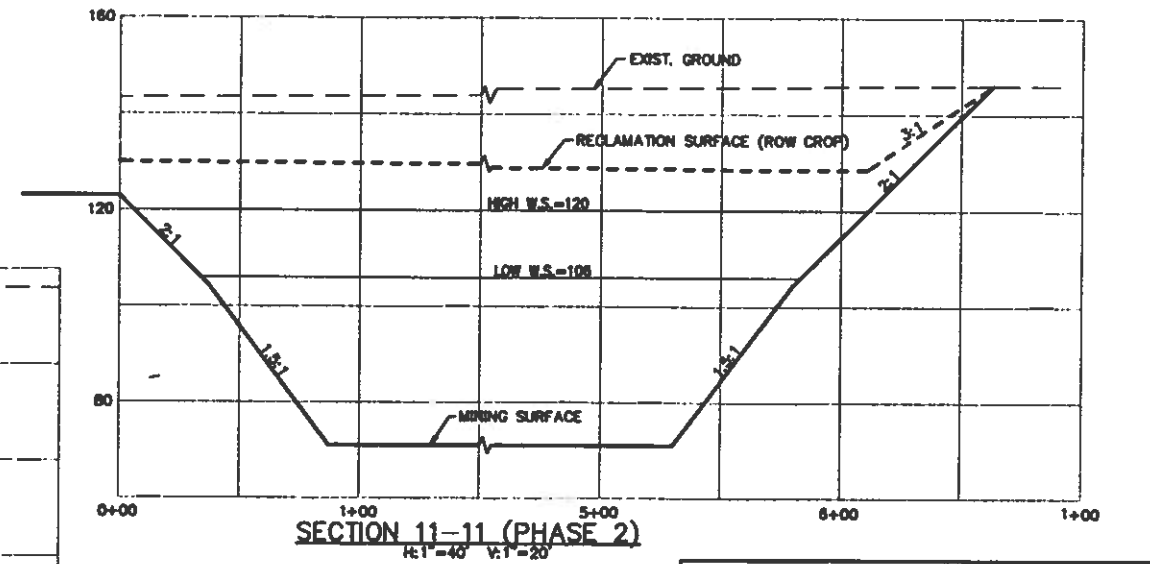
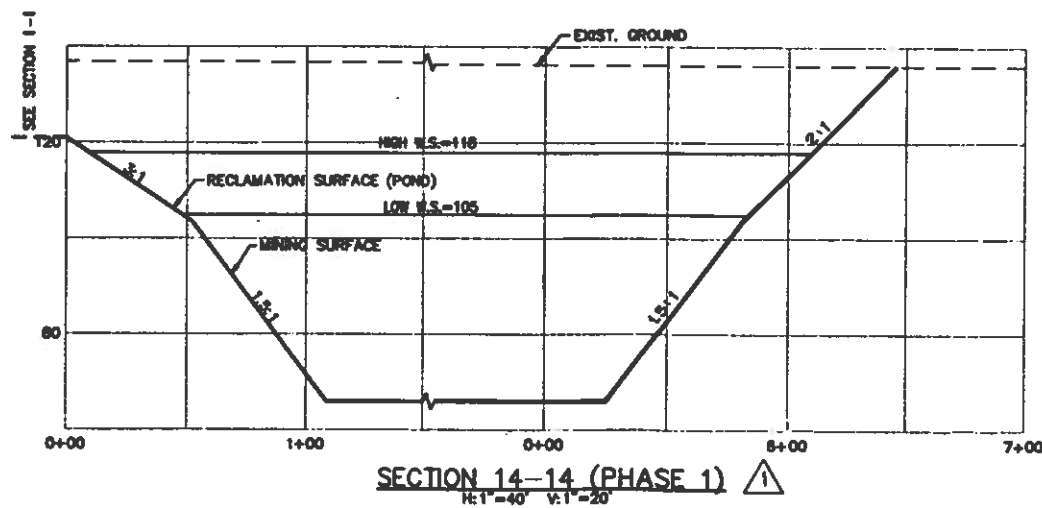
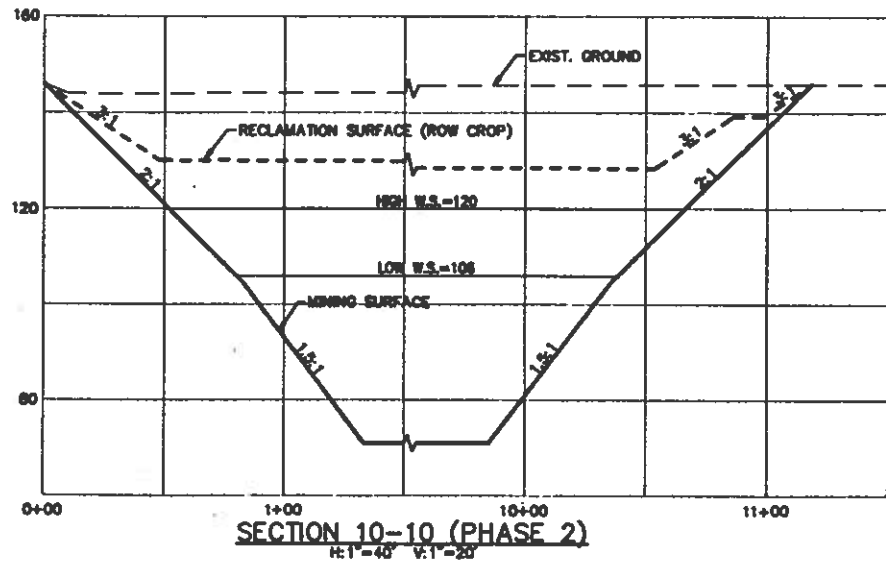
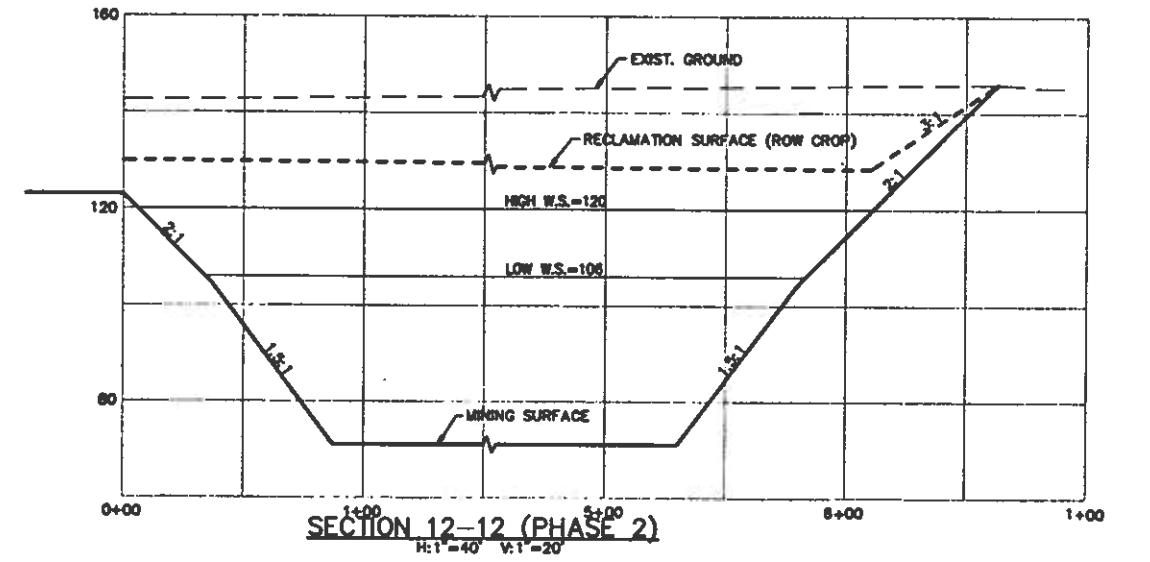
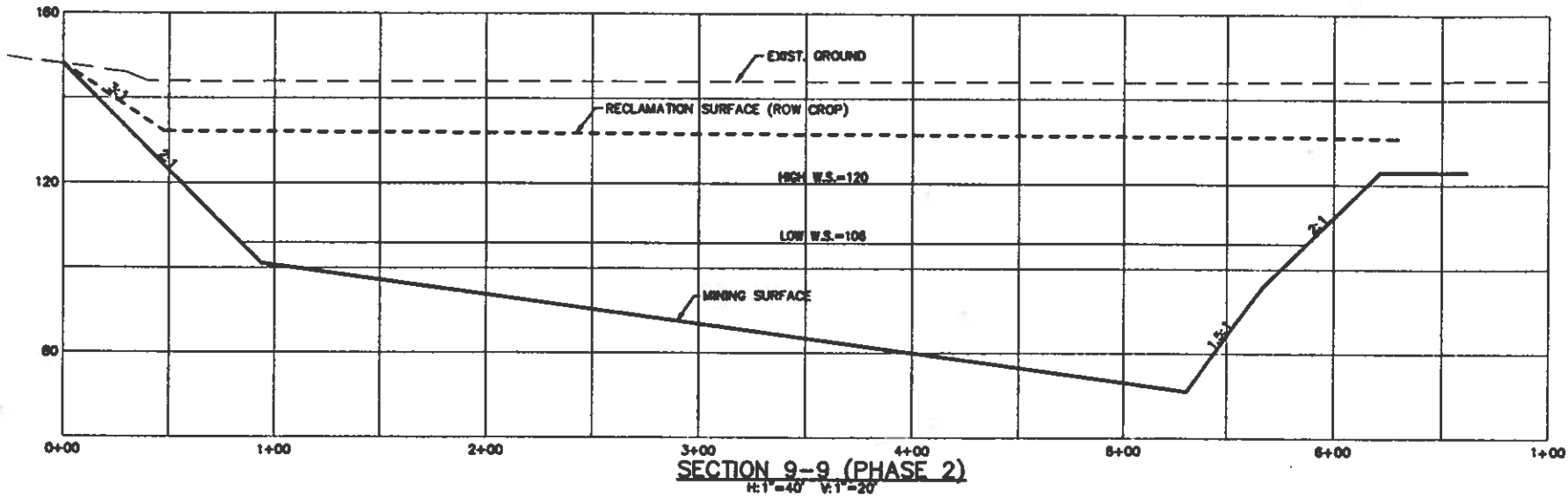
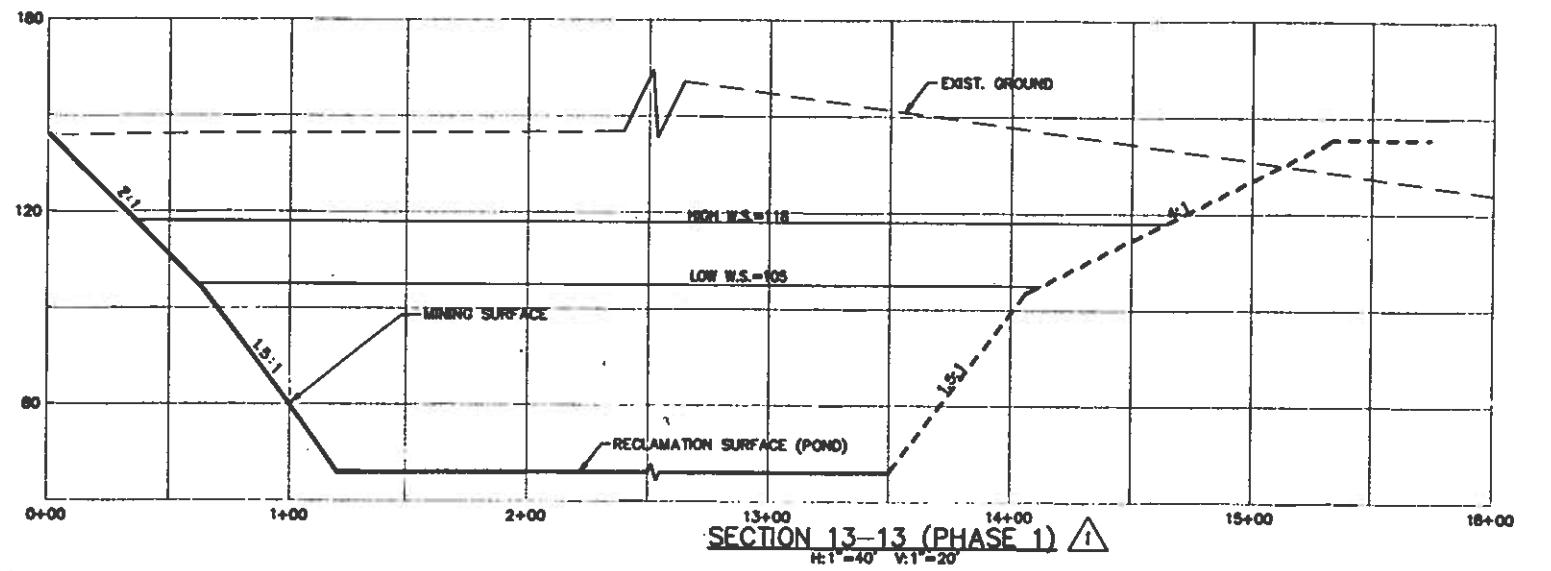
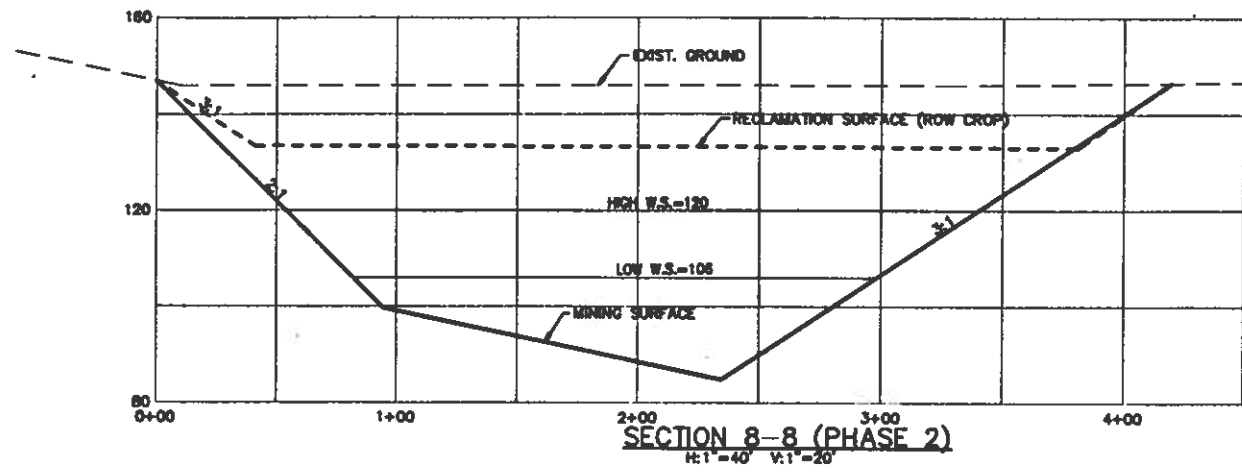


LONG TERM PERMIT APPLICATION SET

NO.	DATE	DESCRIPTION	BY

CUNNINGHAM ENGINEERING
 CIVIL ENGINEERS/PROJECT MANAGERS
 123 C STREET DAVIS, CA 95616
 (916) 758-2026

**SOLANO CONCRETE
 MADISON PLANT
 RECLAMATION
 CROSS SECTIONS**

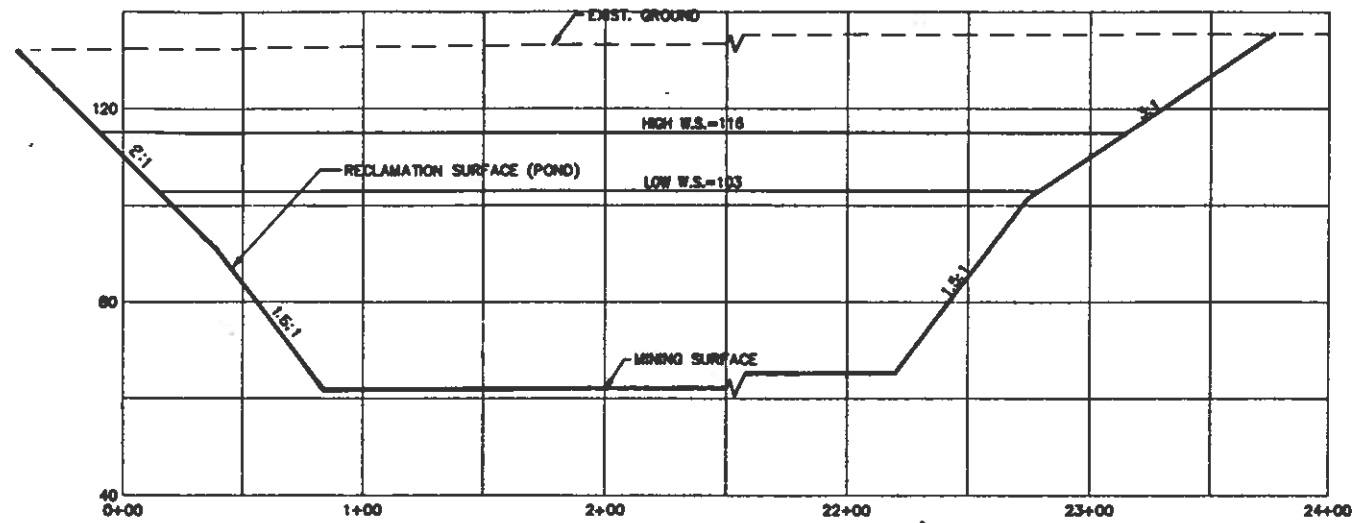


LONG TERM PERMIT APPLICATION SET

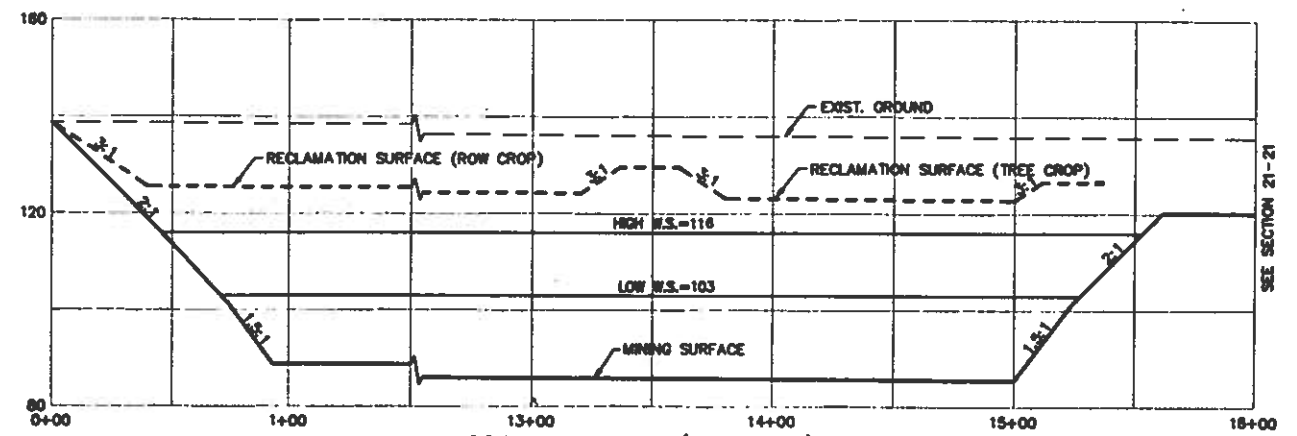
NO.	DATE	DESCRIPTION	BY

CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95618
(916) 768-2028

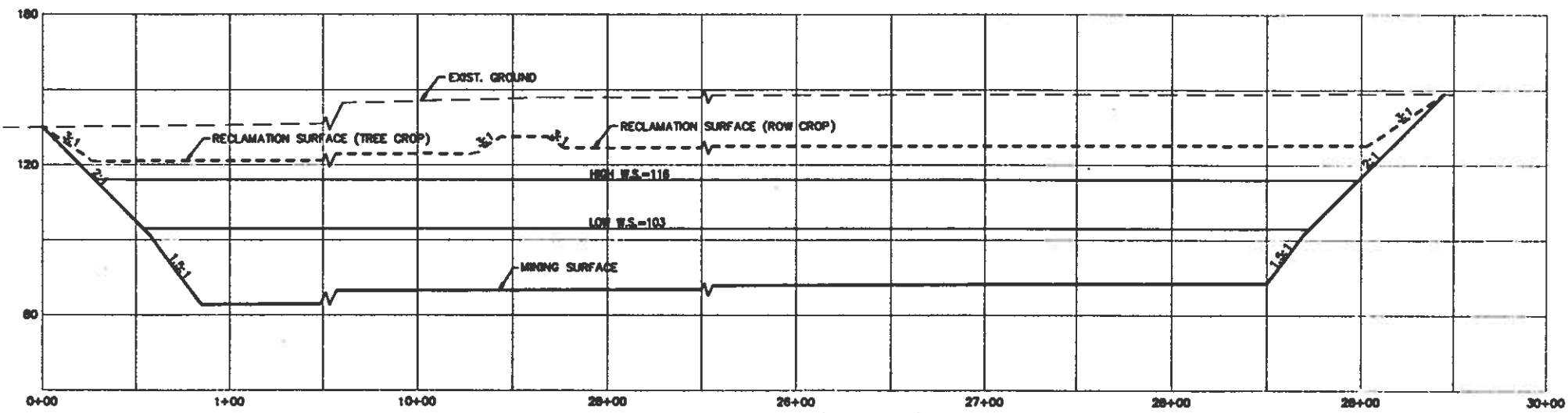
SOLANO CONCRETE
MADISON PLANT
RECLAMATION
CROSS SECTIONS



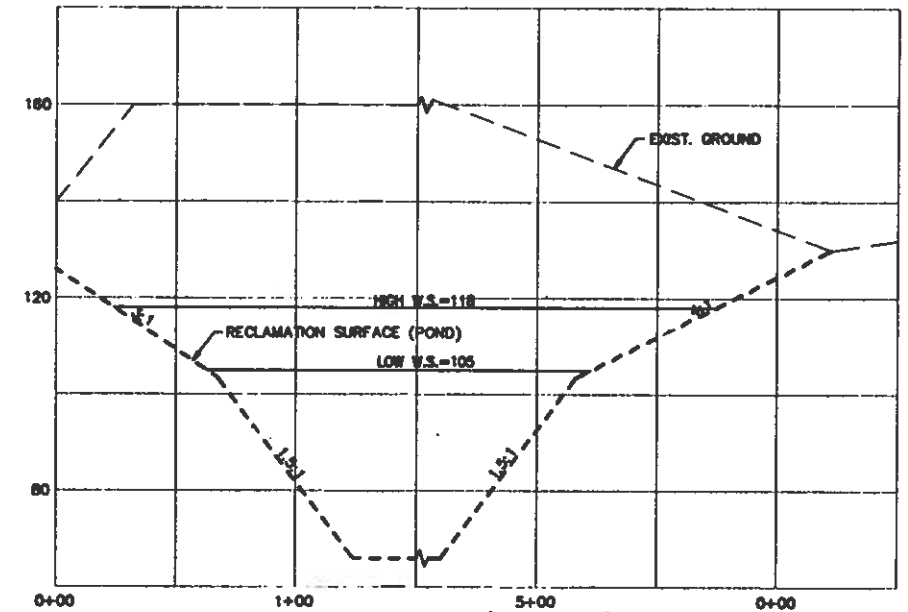
SECTION 19-19 (PHASE 3) \triangle
H:1"=40' V:1"=20'



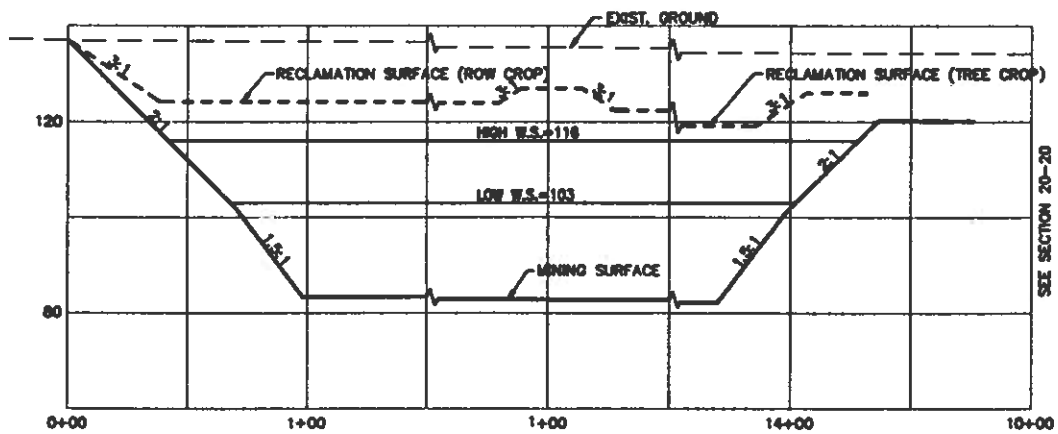
SECTION 18-18 (PHASE 3)
H:1"=40' V:1"=20'



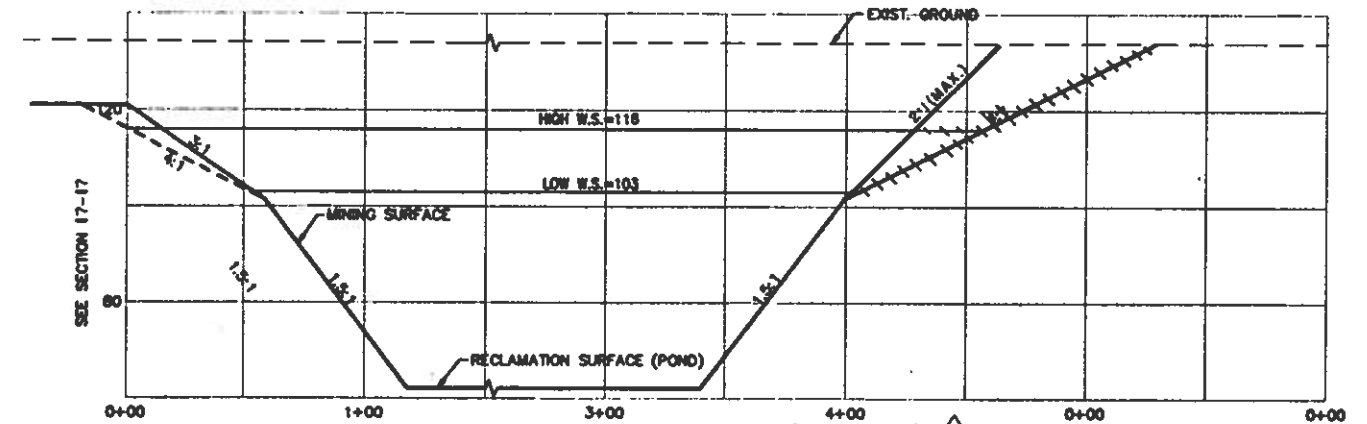
SECTION 16-16 (PHASE 3)
H:1"=40' V:1"=20'



SECTION 15-15 (PHASE 3)
H:1"=40' V:1"=20'



SECTION 17-17 (PHASE 3)
H:1"=40' V:1"=20'



SECTION 20-20 (PHASE 3) \triangle
H:1"=40' V:1"=20'

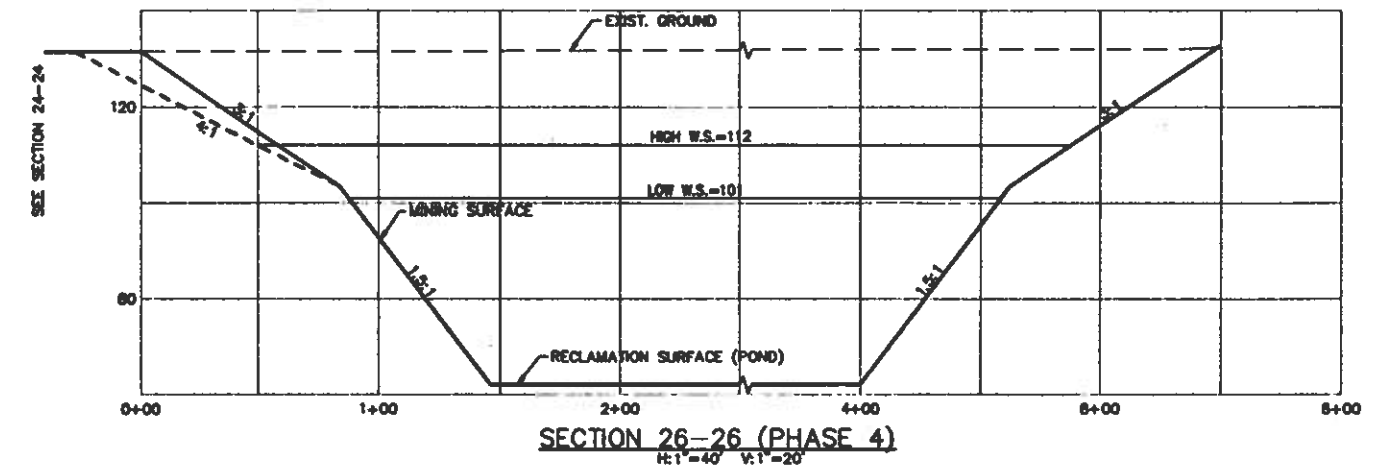
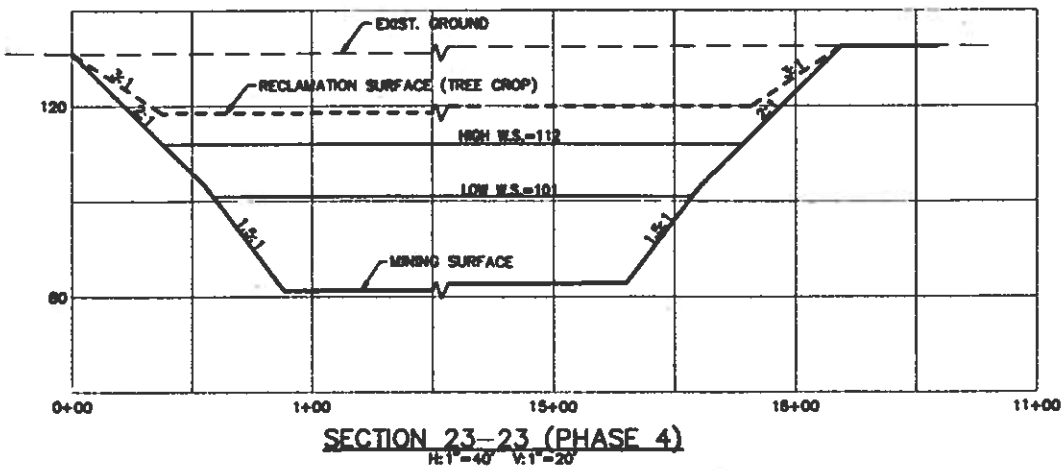
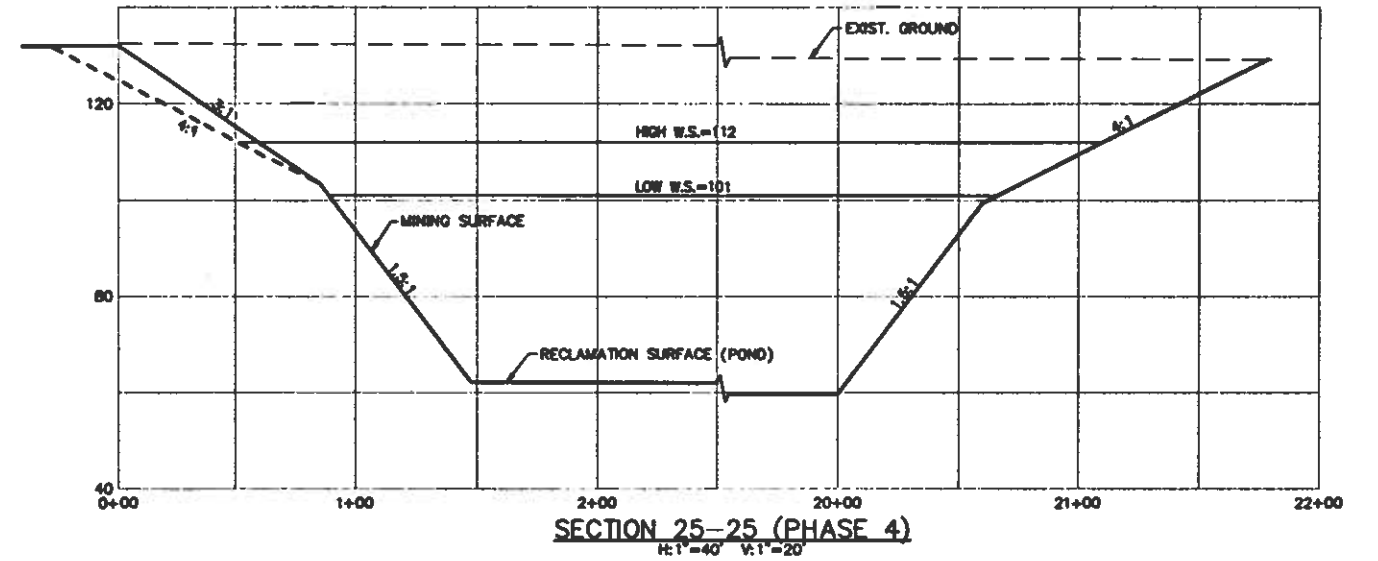
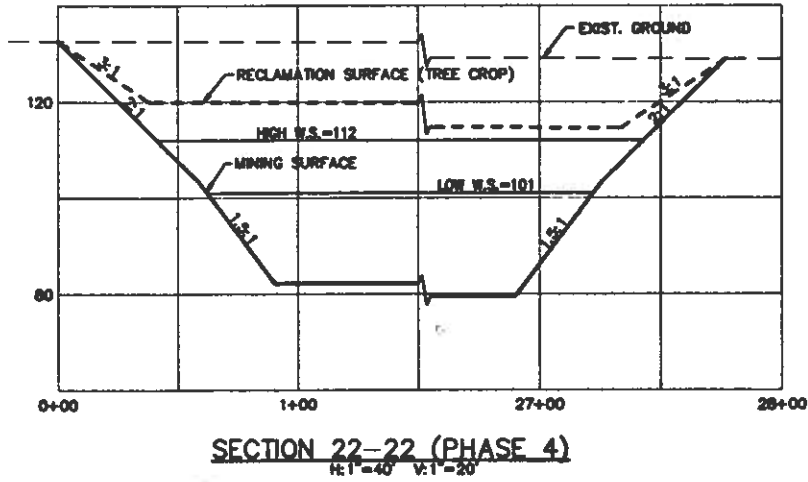
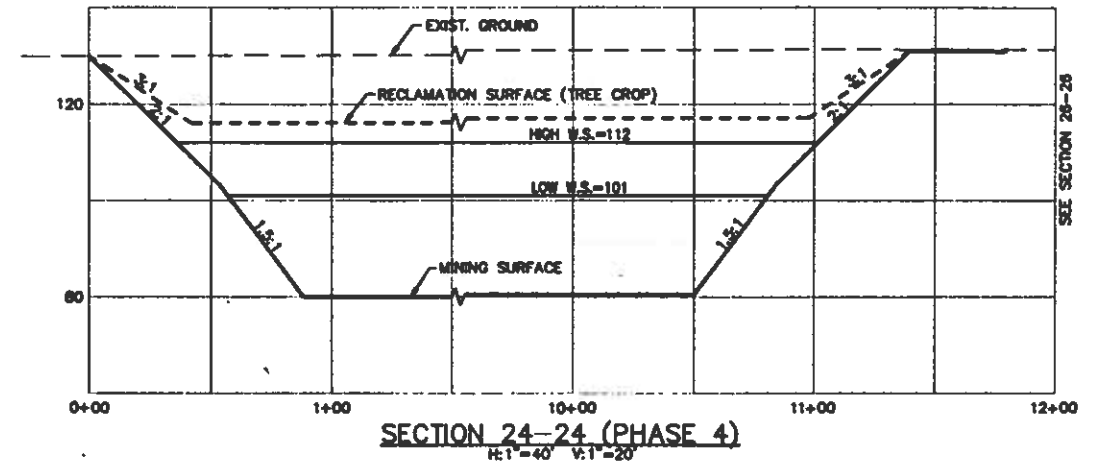
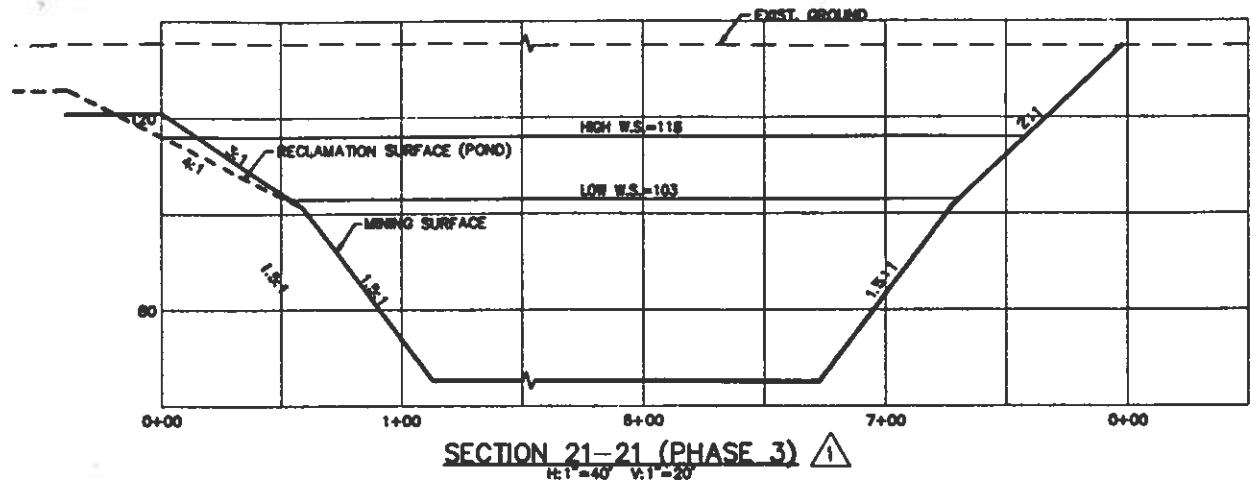
C
CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95616
(916) 758-2028

**SOLANO CONCRETE
MADISON PLANT
RECLAMATION
CROSS SECTIONS**

LONG TERM PERMIT APPLICATION SET

\triangle	W/S	CONDITIONS OF APPROVAL

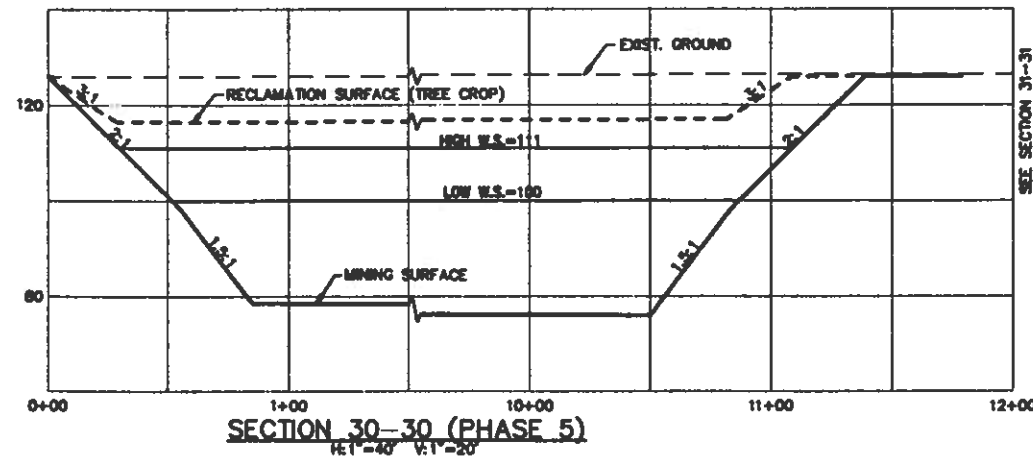
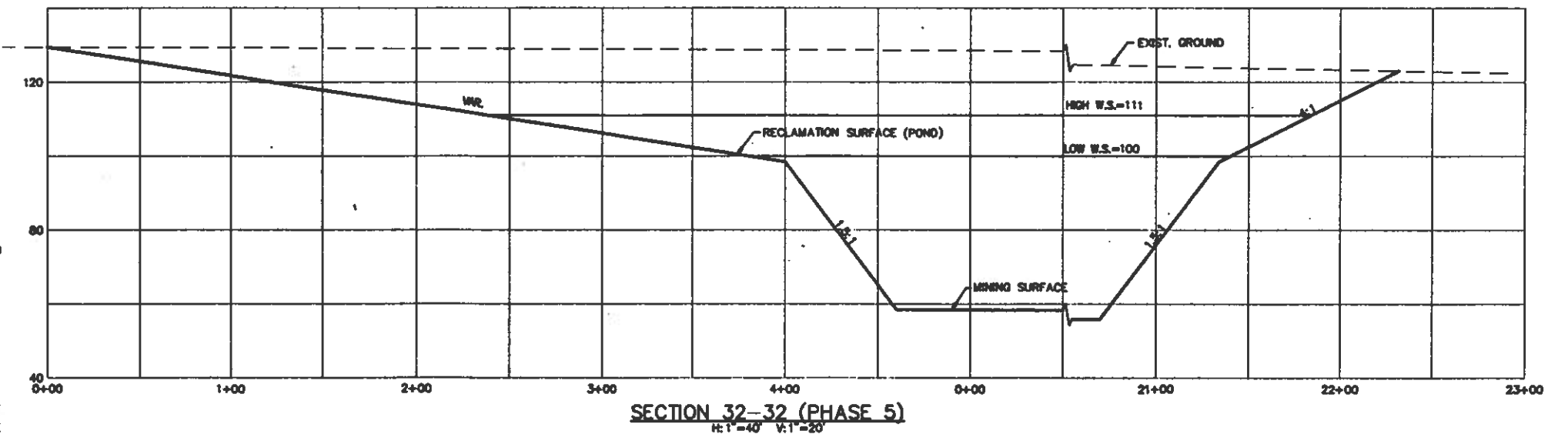
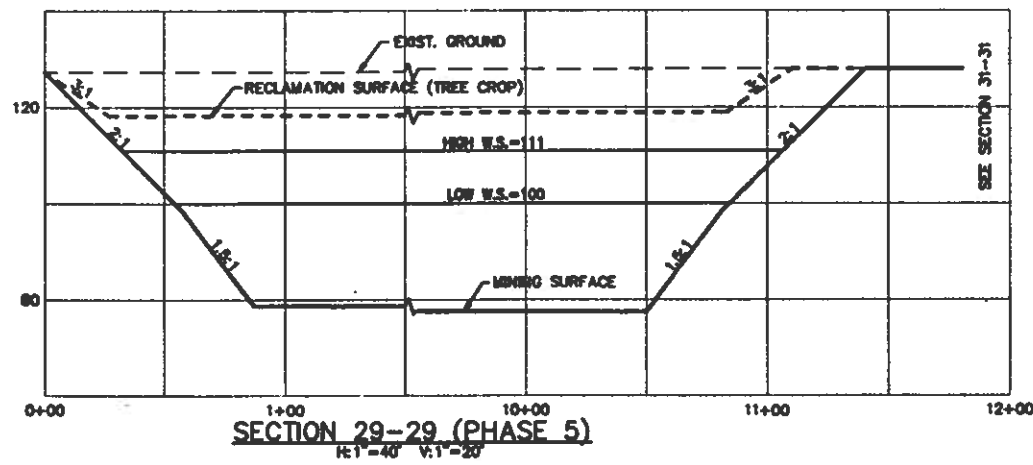
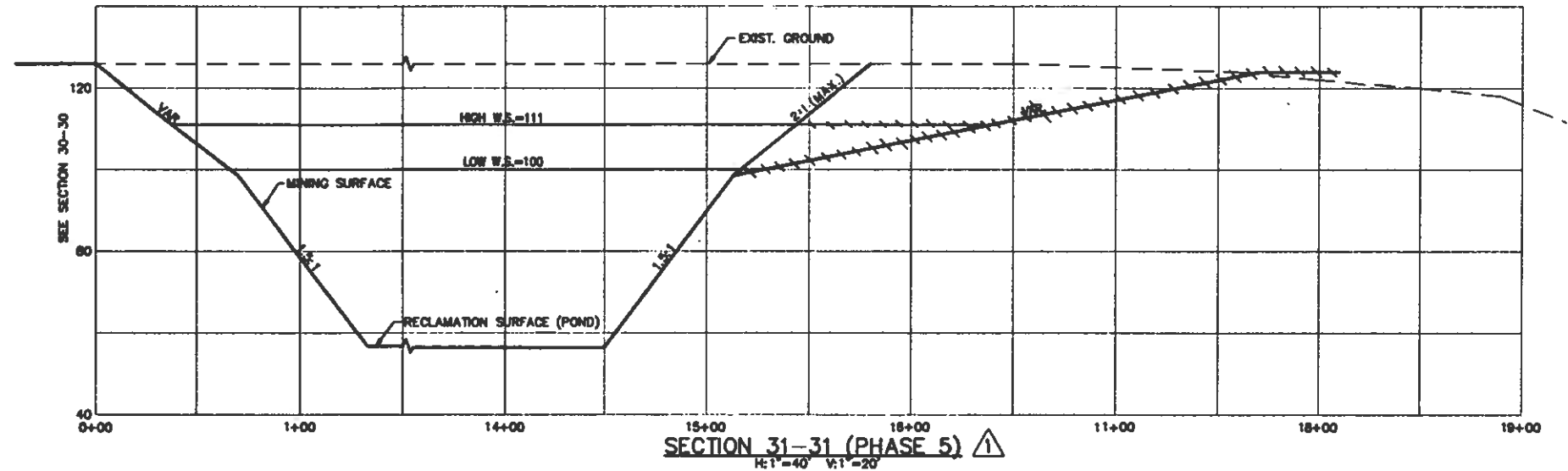
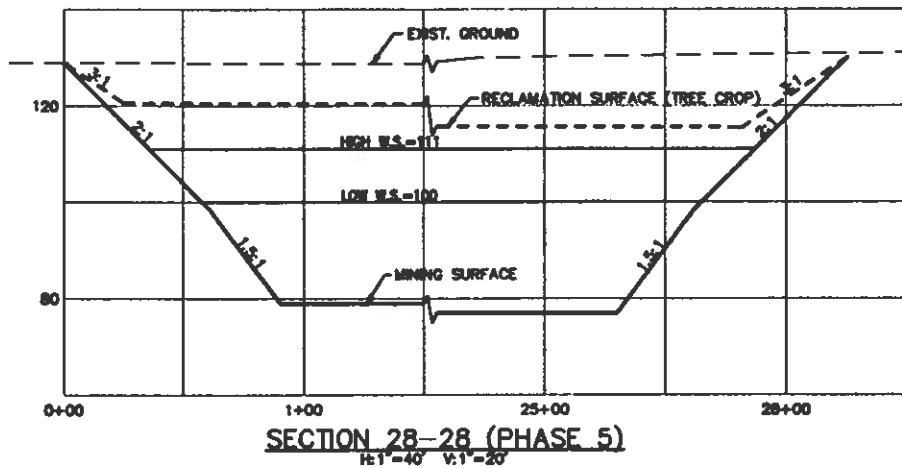
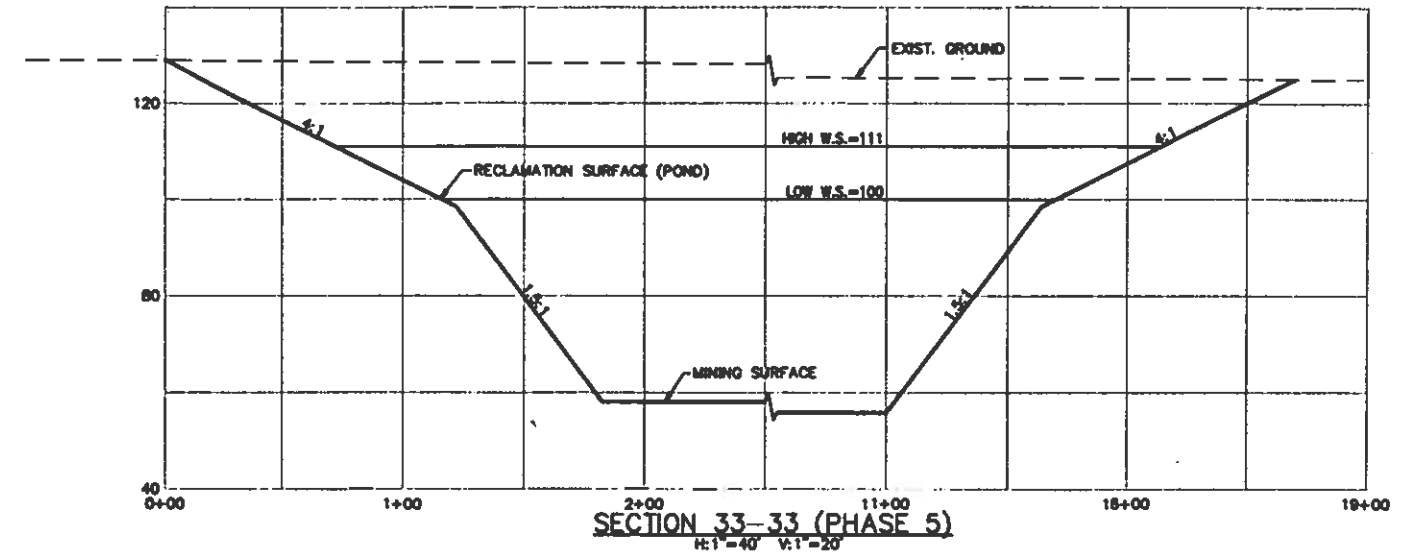
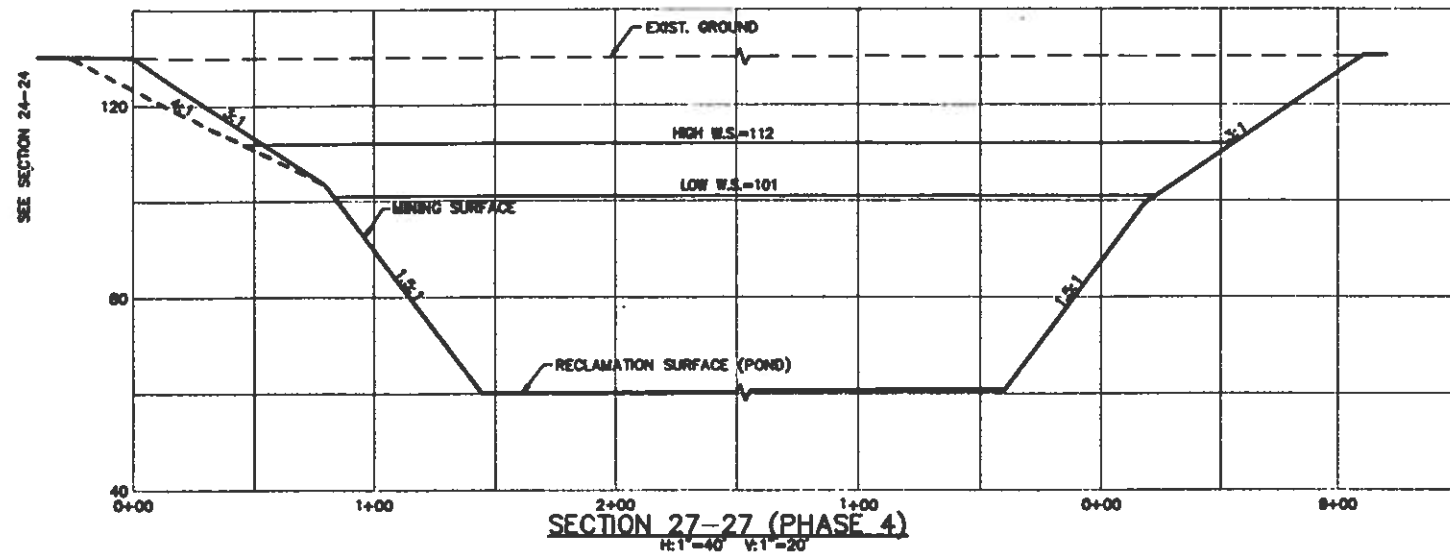
DES: LA CADD: RST CHK: CWC DATE: 14DEC95 SHEET 19 OF 22



CE CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95616
(916) 756-2026

**SOLANO CONCRETE
MADISON PLANT
RECLAMATION
CROSS SECTIONS**

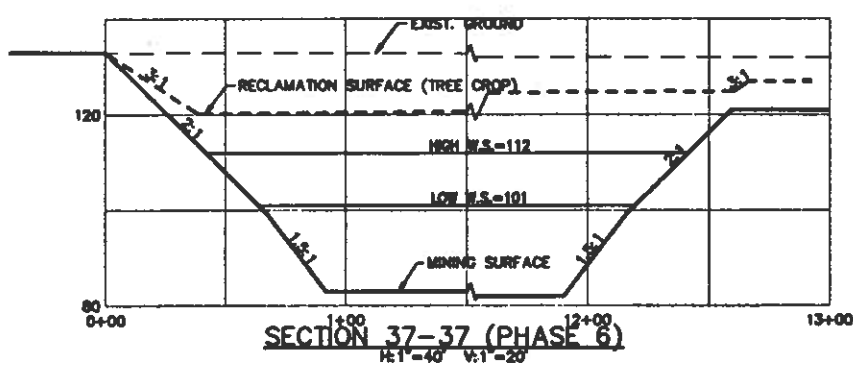
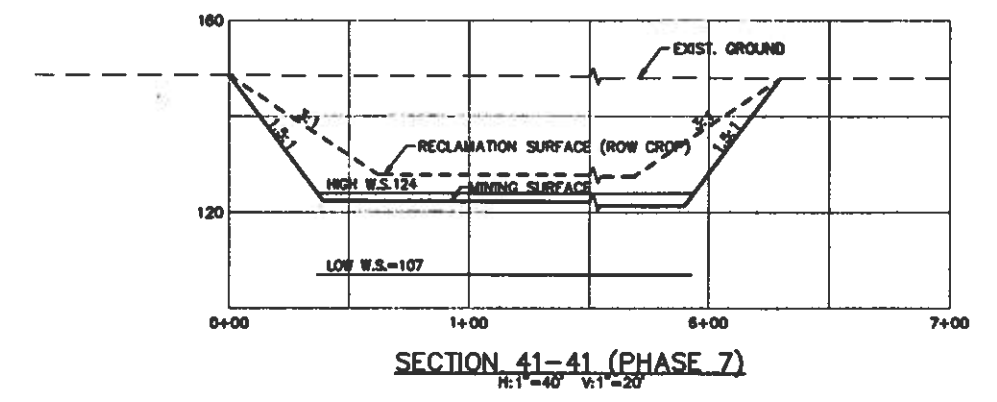
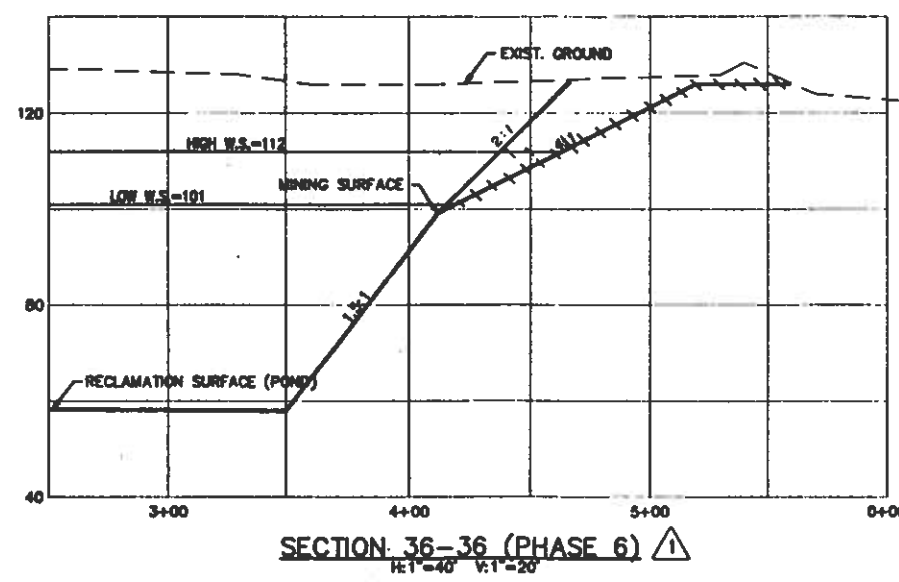
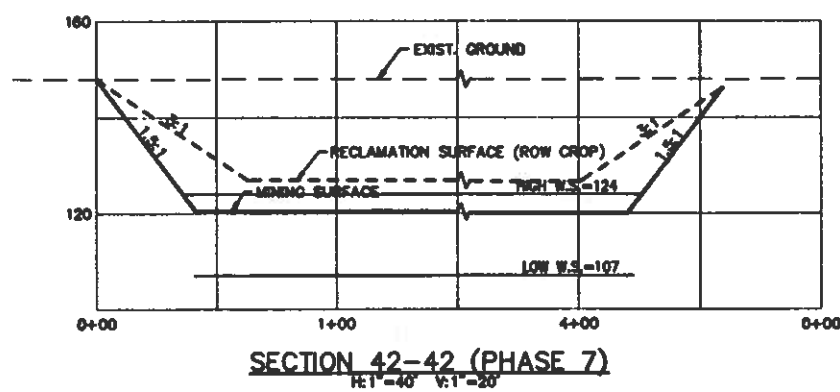
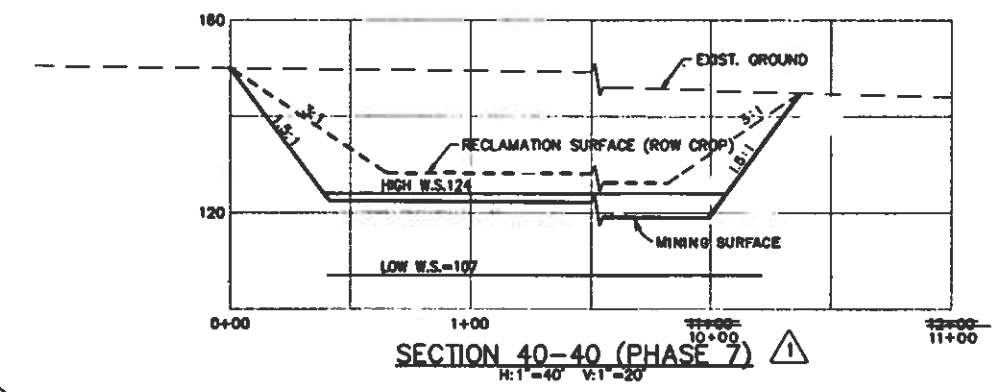
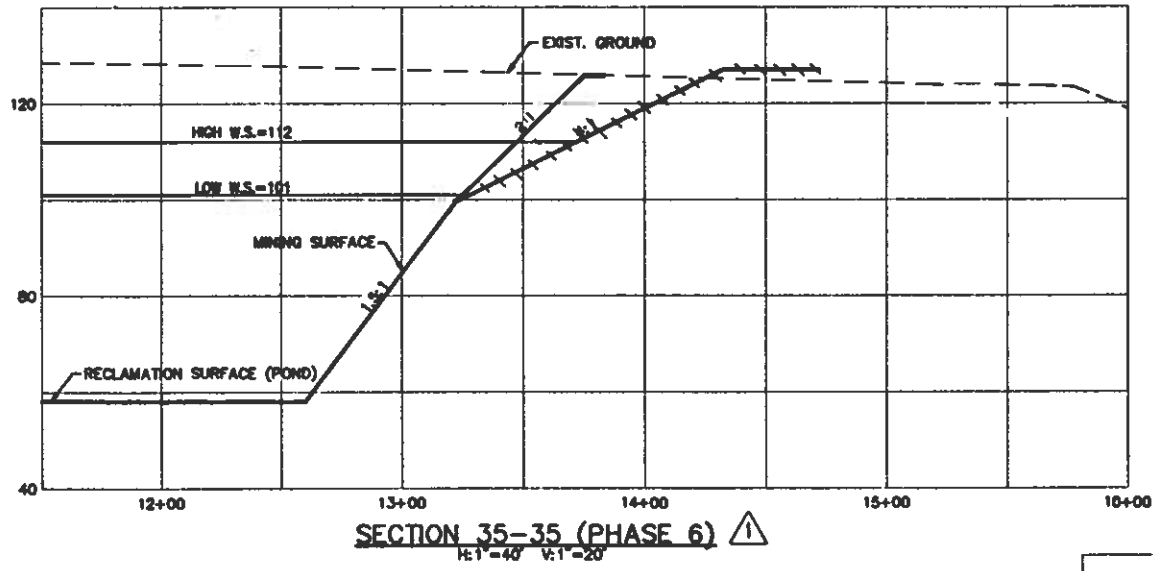
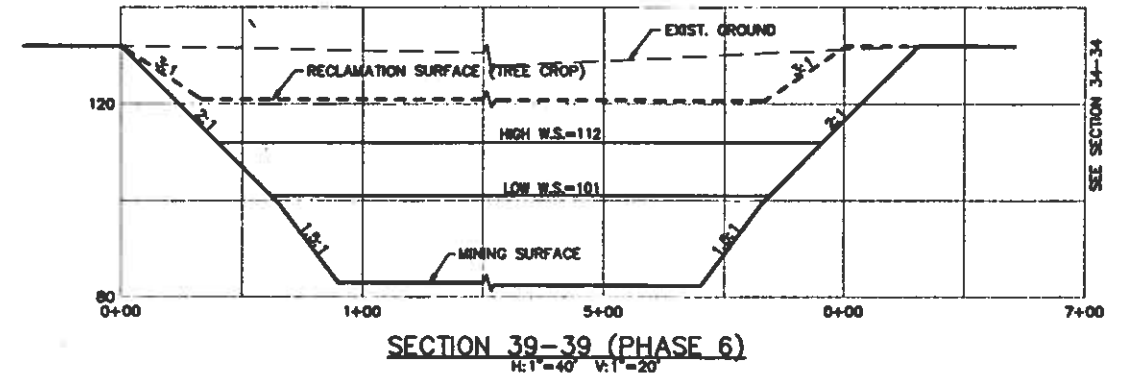
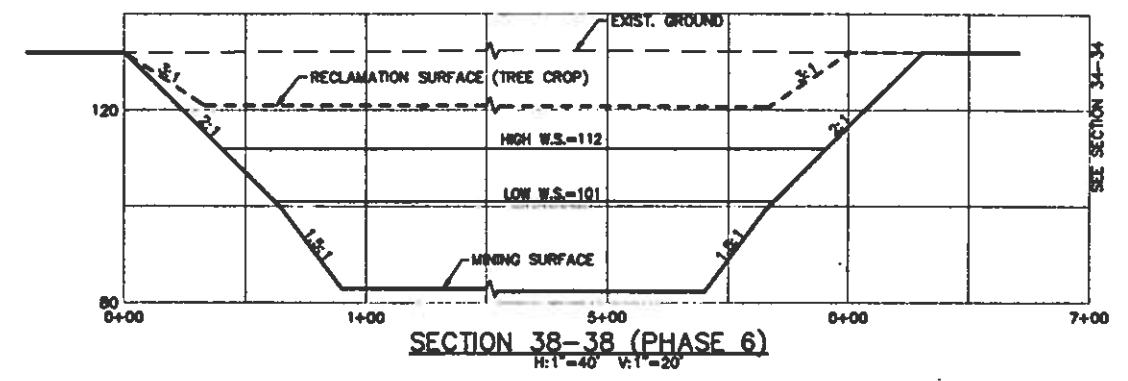
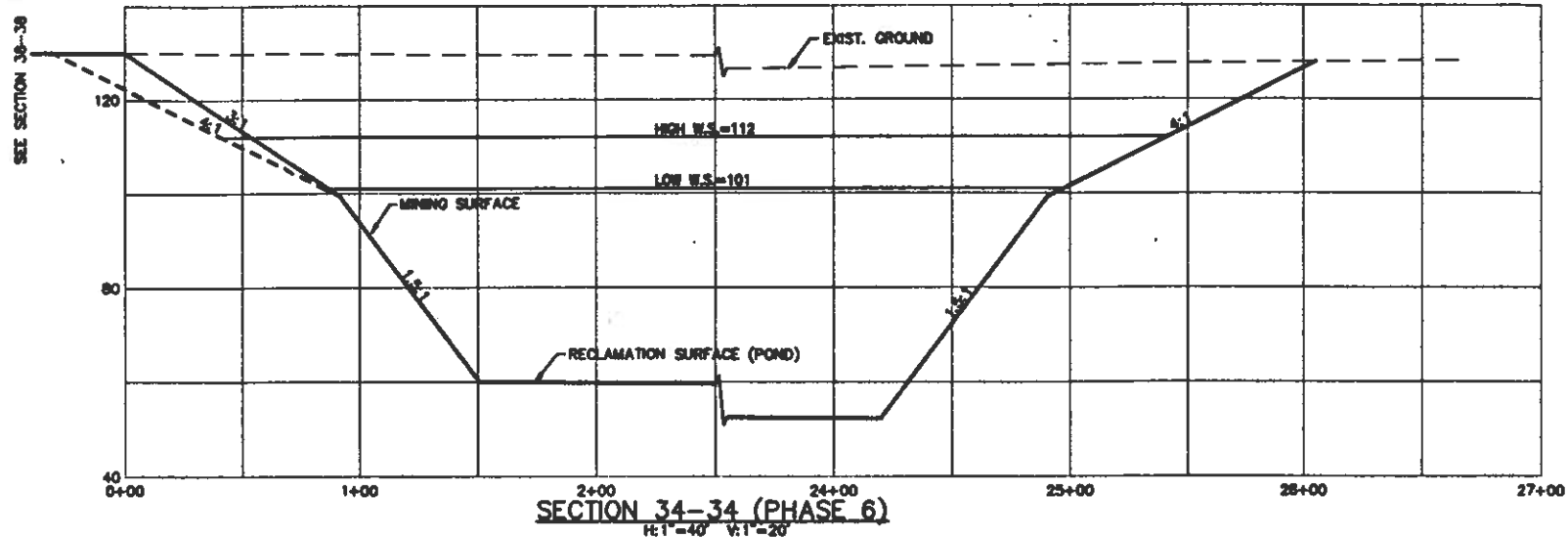
LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY
1	1/91	CONDITIONS OF APPROVAL	



C CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95616
(916) 768-2028

**SOLANO CONCRETE
MADISON PLANT
RECLAMATION
CROSS SECTIONS**

LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY



LONG TERM PERMIT APPLICATION SET			
NO.	DATE	DESCRIPTION	BY

CUNNINGHAM ENGINEERING
CIVIL ENGINEERS/PROJECT MANAGERS
123 C STREET DAVIS, CA 95616
(916) 758-2028

SOLANO CONCRETE
MADISON PLANT
RECLAMATION
CROSS SECTIONS

DES: LA CADD: RST CHK: CWC DATE: 14DEC95 SHEET 22 OF 22