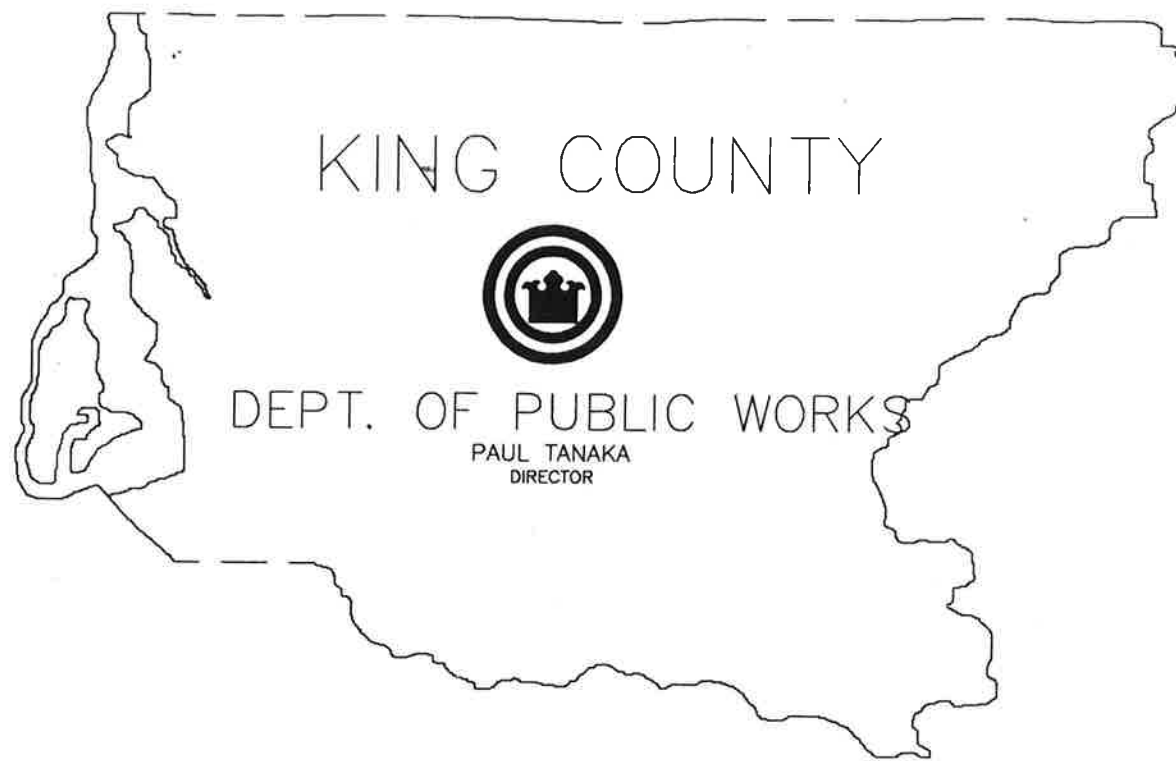


SITE MAP

A hand-drawn site map of a rectangular plot. A diagonal road or path runs from the top left towards the bottom right. A dashed rectangular area is located in the lower right portion of the plot. Various landmarks are sketched, including trees, buildings, and a small structure labeled 'A'. A north arrow is positioned at the top right of the map.

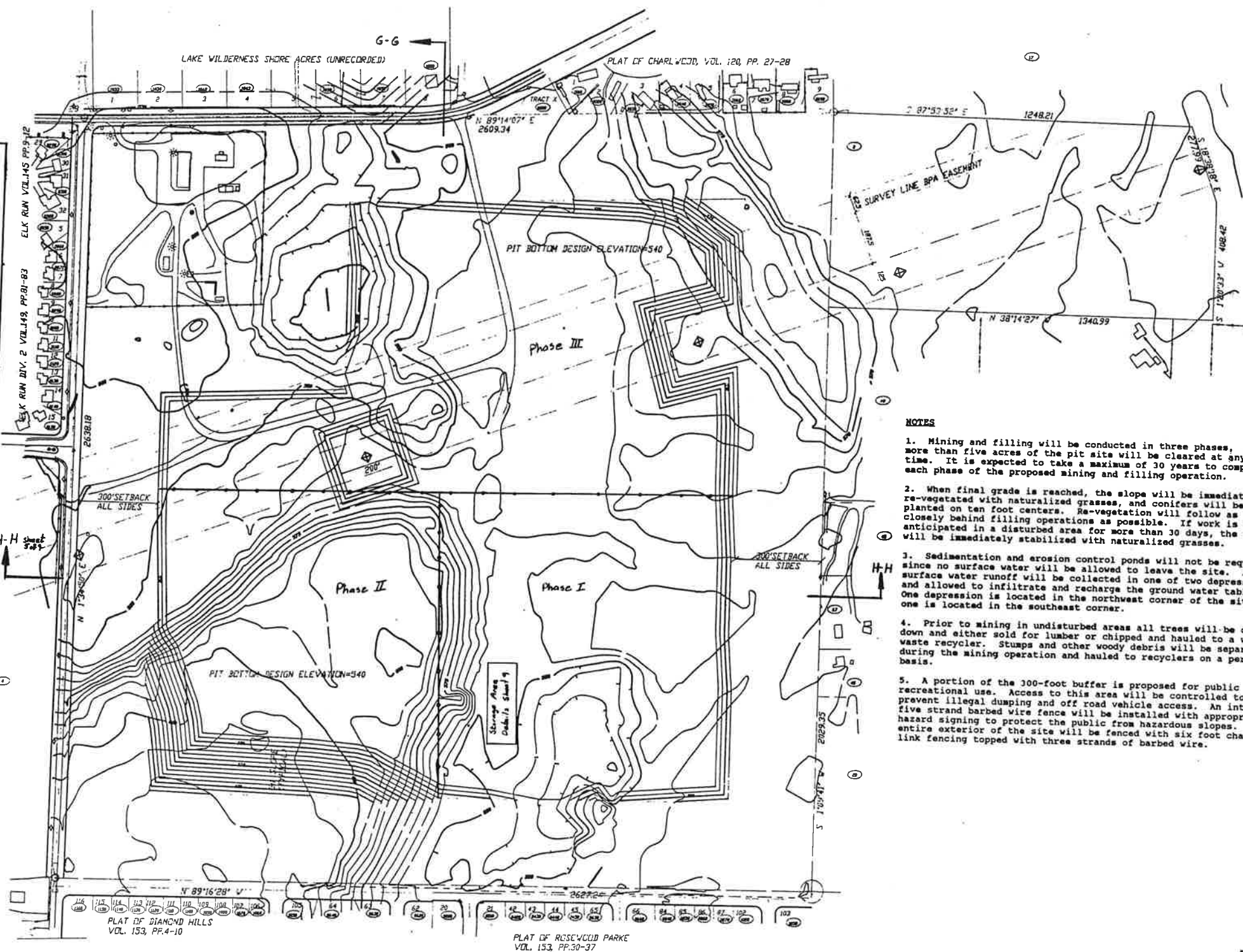
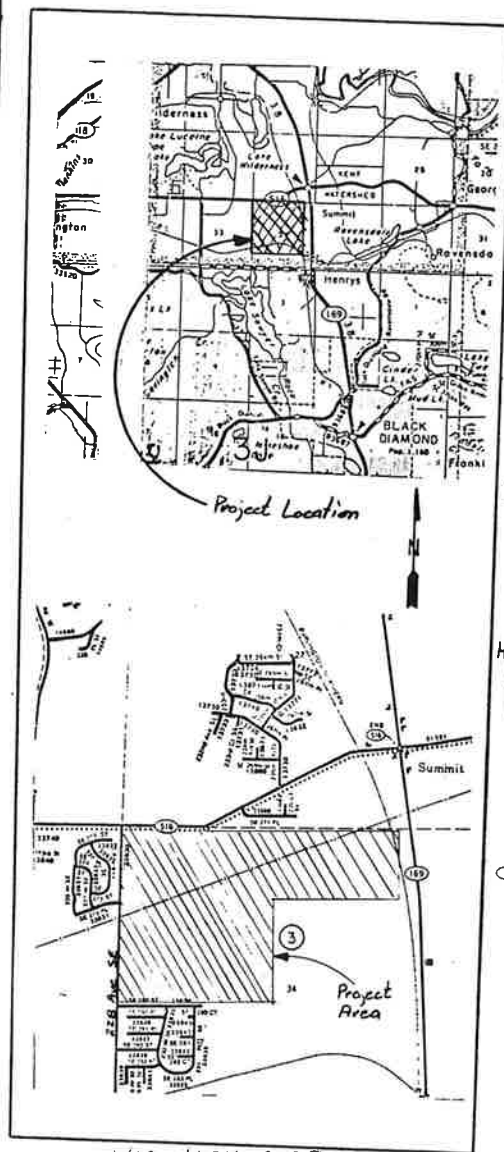
















INDEX

FOR TAX LOT 2:
N 1/2 OF NW 1/4 OF NE 1/4
LESS R/W SUB TO
TRANS LN R/W

<u>SHEET</u>	<u>DESCRIPTION</u>
1	COVER SHEET
2	EXCAVATION PLAN
3	FILLING PLAN
4	EXISTING MINING AND FILLING AREAS SECTIONS
5	SECTIONS - EXISTING AND FILLING
6	SECTIONS - EXISTING AND FILLING
7	SECTIONS - EXCAVATION
8	SECTIONS - EXCAVATION
9	EXCAVATION PLAN - PHASE I AND PHASE II
10	RECYCLABLE MATERIAL STORAGE AREA DETAILS
11	ELK RUN - CLEARING, GRADING, AND TE/SC PLAN
12	ELK RUN - CROSS SECTIONS
13	ELK RUN - DETAILS AND NOTES

[illegible]



- | | |
|---|-----------------------------|
|  | Easement Boundary |
|  | Section Corner |
|  | ¼ Section Corner |
|  | Power Pole |
|  | Street Light |
|  | Closed Depression Contour |
|  | Proposed Excavation Contour |
|  | Existing Contour |
|  | BPA Transmission Tower |
|  | Building |
|  | Tax Lot Number |
|  | Plat Lot Number |
|  | Fence |
|  | Phase Boundary |

NOTES

1. Mining and filling will be conducted in three phases. No more than five acres of the pit site will be cleared at any one time. It is expected to take a maximum of 30 years to complete each phase of the proposed mining and filling operation.
2. When final grade is reached, the slope will be immediately re-vegetated with naturalized grasses, and conifers will be planted on ten foot centers. Re-vegetation will follow as closely behind filling operations as possible. If work is not anticipated in a disturbed area for more than 30 days, the area will be immediately stabilized with naturalized grasses.
3. Sedimentation and erosion control ponds will not be required since no surface water will be allowed to leave the site. All surface water runoff will be collected in one of two depressions and allowed to infiltrate and recharge the ground water table. One depression is located in the northwest corner of the site and one is located in the southeast corner.
4. Prior to mining in undisturbed areas all trees will be cut down and either sold for lumber or chipped and hauled to a wood waste recycler. Stumps and other woody debris will be separated during the mining operation and hauled to recyclers on a periodic basis.
5. A portion of the 300-foot buffer is proposed for public recreational use. Access to this area will be controlled to prevent illegal dumping and off road vehicle access. An interior five strand barbed wire fence will be installed with appropriate hazard signing to protect the public from hazardous slopes. The entire exterior of the site will be fenced with six foot chain link fencing topped with three strands of barbed wire.



Signed: Dec 20, 1991

KING COUNTY DEPT. OF PUBLIC WORKS
DIRECTOR

SUMMIT PIT EXCAVATION PLAN

SURVEY No. FA 1621 & 1621 A PROJECT No. 1746063

SHEET. 2 OF 13 SHEETS
SCALE: HOR. INCH = 200 FT. VEB. INCH = 200 FT.

MAINTENANCE DIVISION No. 4

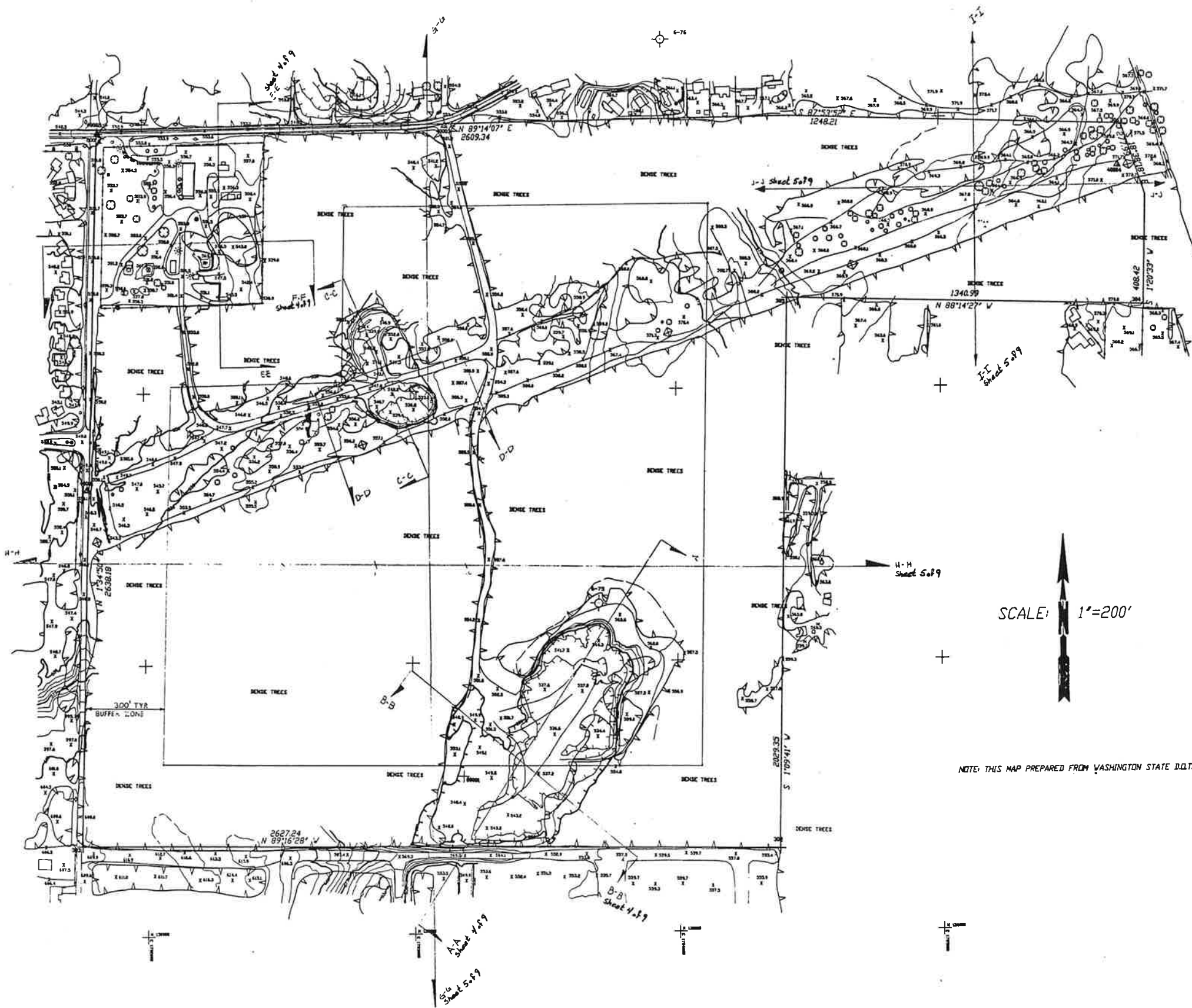
APPROVED BY: James E. Hall
COUNTY BOARD ENGINEER

EXCAVATION QUANTITY = 3,017,570 C.Y.

G-G -
Sheet 5 of 9

310-51

DATE	
DRAWN BY	
CHECKED BY	
APPROVED BY	
DATE	



- LEGEND**
- ⊗ Individual Trees
 - ⊠ BPA Transmission Tower
 - Building
 - x 571.9 Spot Elevation
 - ▲ Survey Monument
 - ▲ Section Corner
 - ⊙ Street Light
 - Sign
 - Tree Line
 - Contour Line
 - Closed Depression Contour Line
 - ⊕ Power Pole
 - Fence

- NOTES**
- Existing filling area. Existing fill to be screened, fines will be used as topsoil, remaining debris to be separated and recycled or re-used. No additional fill material will be placed in this area until Phase 3 mining begins.
 - Existing mining area. Mining will continue in this area until completion of Phase 1. Filling operations will begin in this area upon issue of the filling and grading permit or completion of screening operations whichever is first.

SCALE: 1"=200'

NOTE: THIS MAP PREPARED FROM WASHINGTON STATE D.O.T. AERIAL PHOTOGRAMMETRIC BASE MAP



Signed: Dec 20, 1991

KING COUNTY DEPT. OF PUBLIC WORKS
DIRECTOR

SUMMIT PIT EXISTING MINING AND FILLING AREAS
SECTIONS

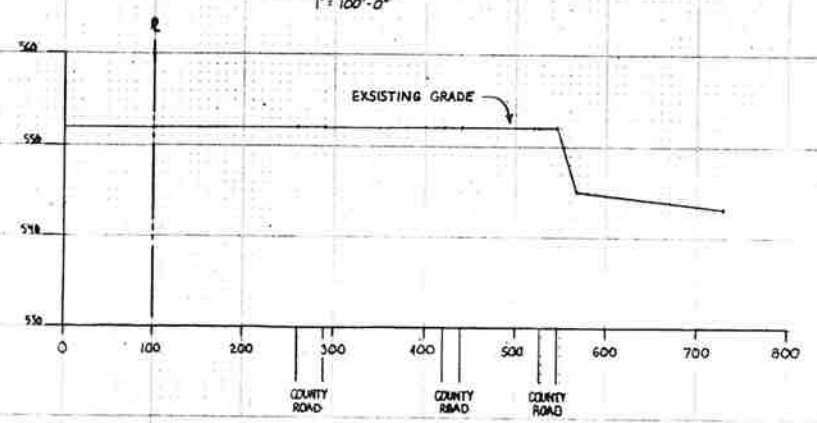
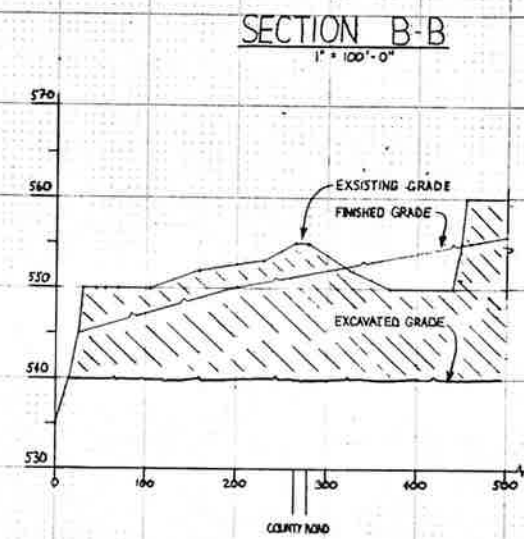
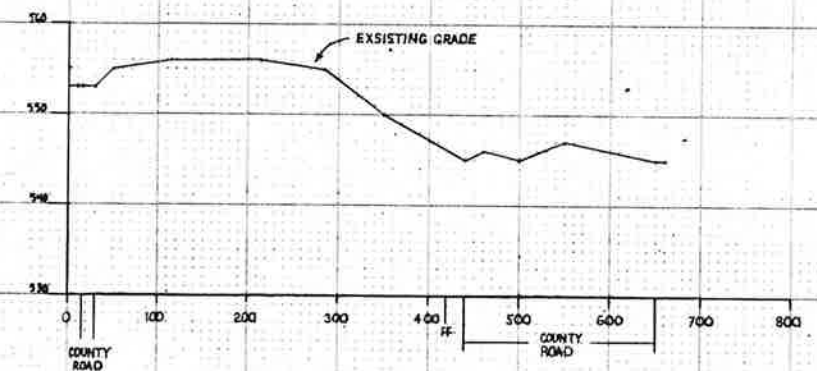
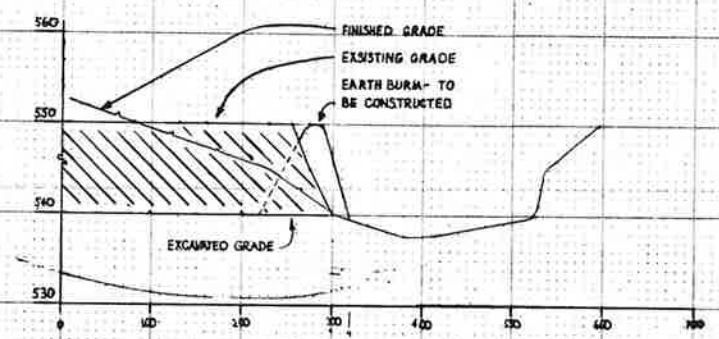
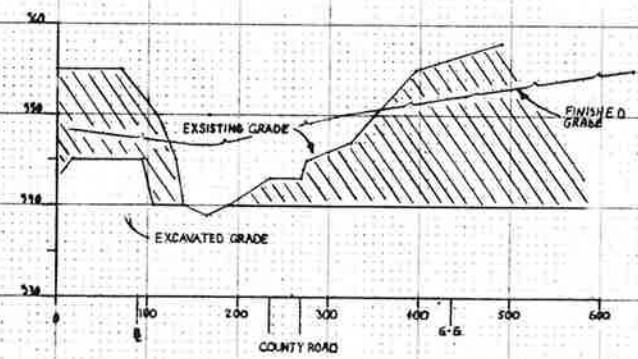
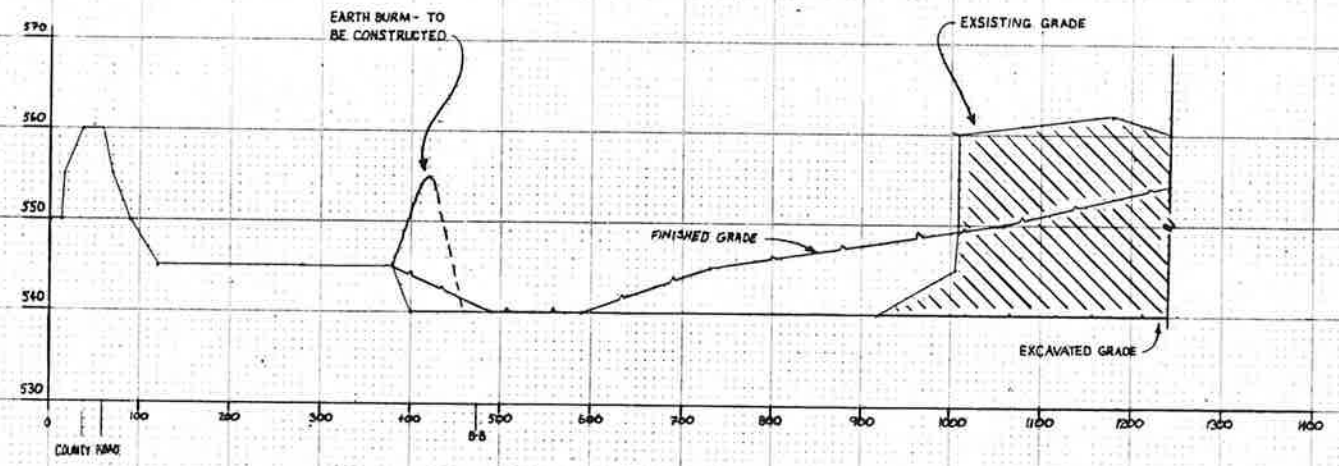
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SHEET 4 OF 13 SHEETS
SCALE HOB INCH = 200 FT 1/4 INCH = 200 FT

MAINTENANCE DIVISION No. 4

APPROVED BY: John J. Hoff
COUNTY ENGINEER

DATE	
BY	
DESIGNED	
PLANNED	
ALIGNED	
SECTIONED	
BY	
NOTE BOOK	
NO	



Signed: Dec 20, 1991

KING COUNTY DEPT. OF PUBLIC WORKS
DIRECTOR

SUMMIT PIT SECTIONS OF EXISTING MINING AND FILLING AREAS

SURVEY No. EA 1621 & 1621A PROJECT No. 224623

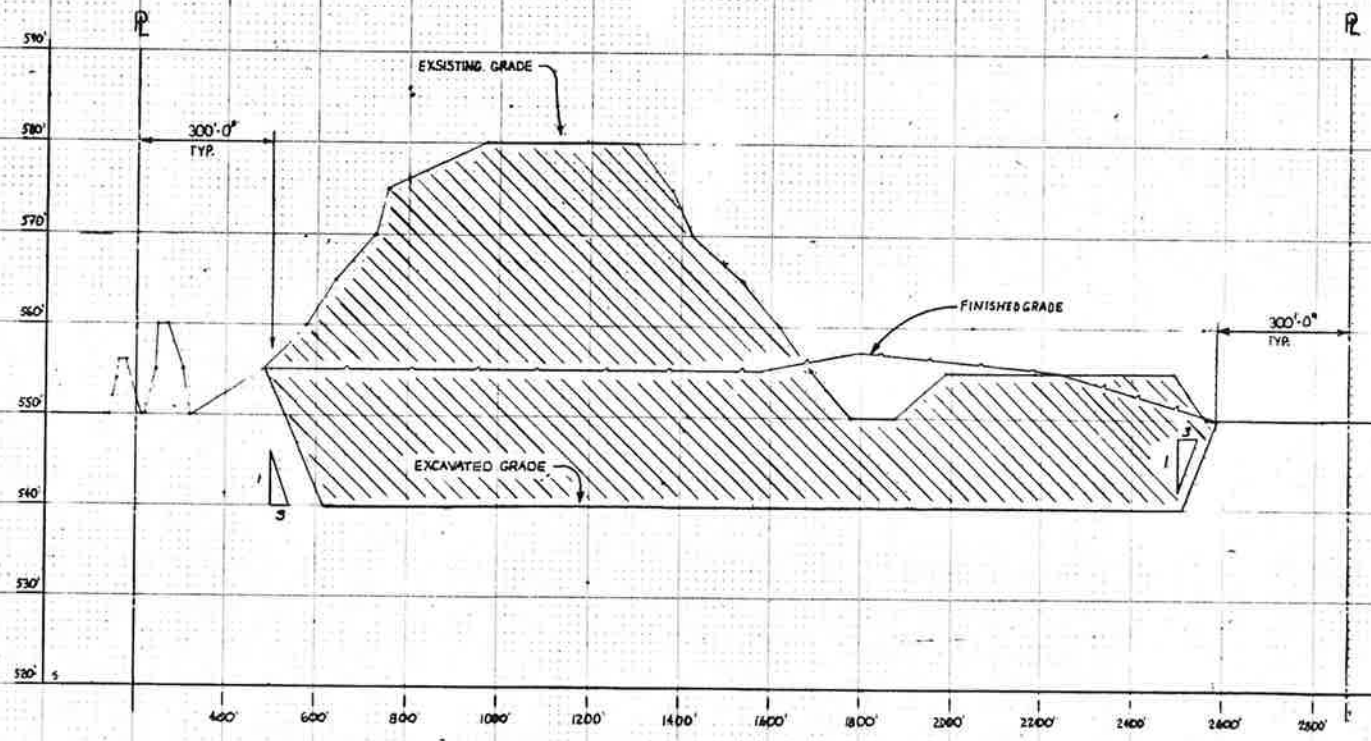
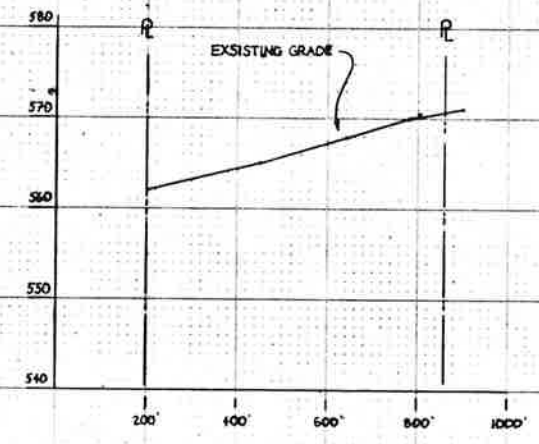
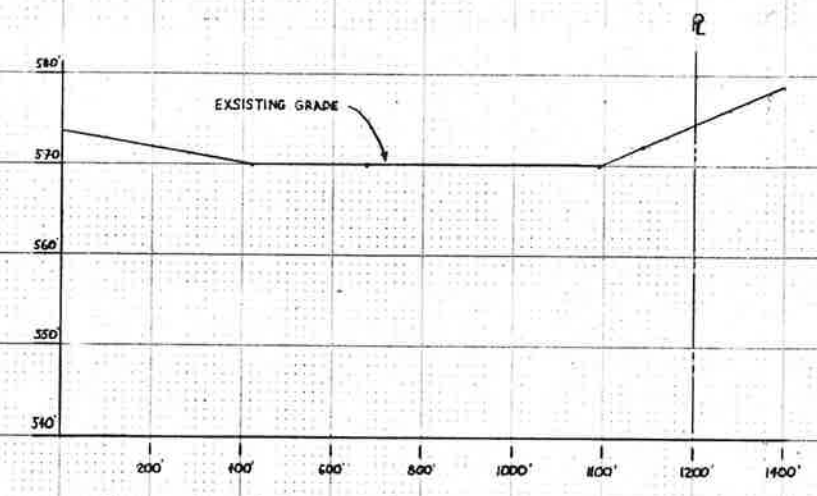
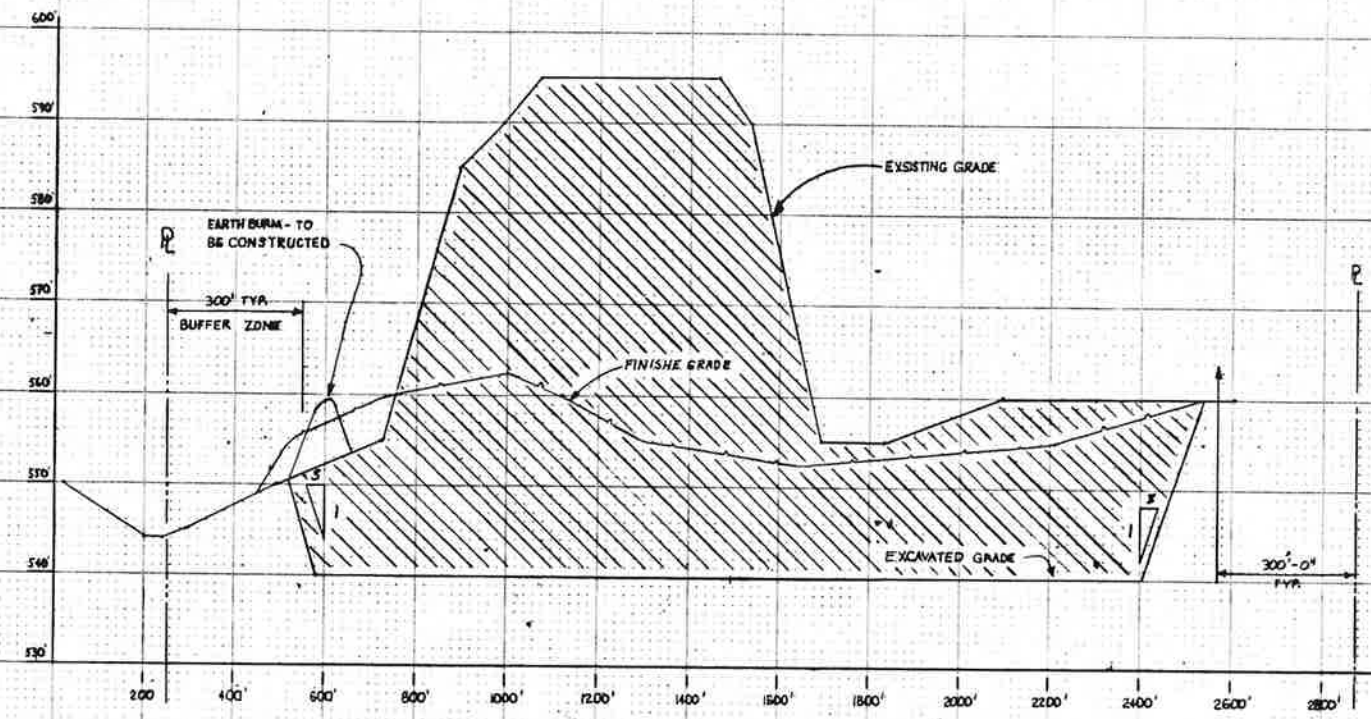
SHEET 5 OF 13 SHEETS
SCALE HOB INCH = 100 FT. VEE INCH = 10 FT.

MAINTENANCE DIVISION No. 4

APPROVED BY: James G. Kish COUNTY ENGINEER

DATE	REVISION	BY

DATE	
BY	
REVISION	
DATE	
BY	
REVISION	
DATE	
BY	
REVISION	



Signed: Dec 29, 1991

KING COUNTY DEPT. OF PUBLIC WORKS
DIRECTOR

SUMMIT PIT SECTIONS

SURVEY No. FB 16212 1621A PROJECT No. 0446263

SHEET 16 OF 13 SHEETS
SCALE: HORIZ. 1" = 200' VERT. 1" = 10'

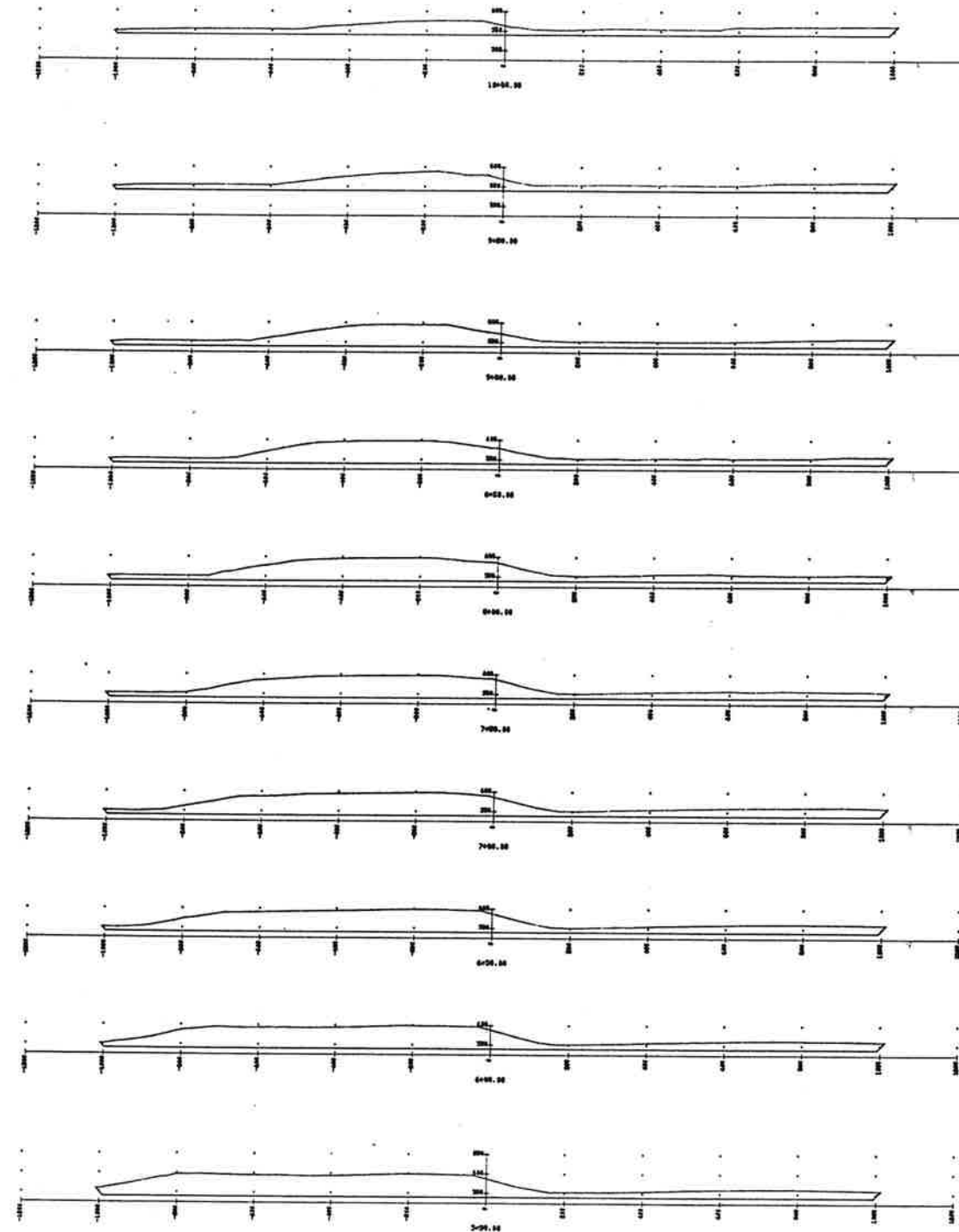
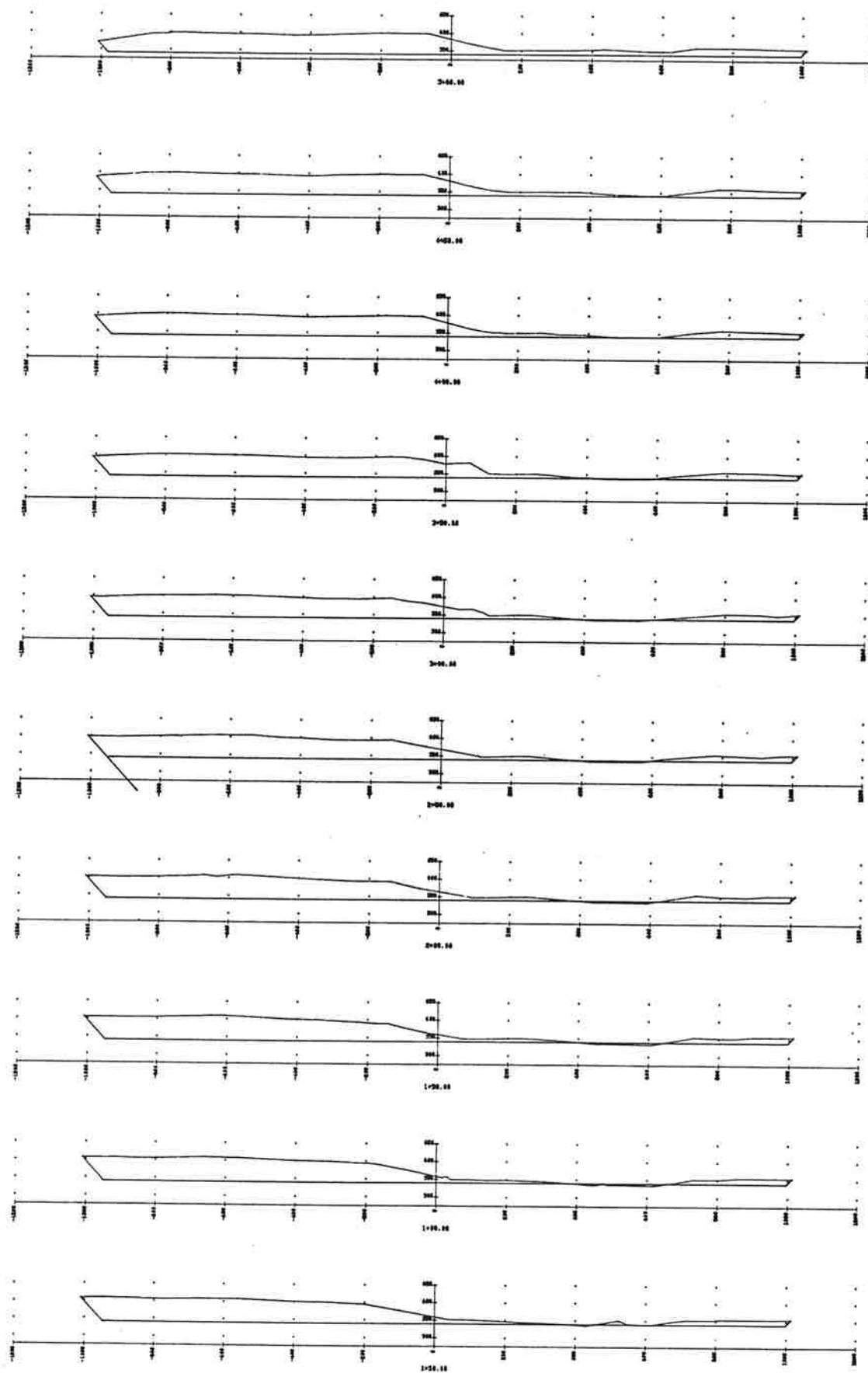
MAINTENANCE DIVISION No. 4

APPROVED BY: James R. Hoff
CITY ENGINEER

DATE		REVISION		BY	
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310-517

DATE	BY	SIGNED _____ PUBLISHED _____ ATTEST: _____ SECRETARY OF THE BOARD
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Signed: Dec 20, 1991

KING COUNTY DEPT. OF PUBLIC WORKS DIRECTOR

SUMMIT PIT EXCAVATION SECTIONS

SURVEY No. EA 1621 & 1621A PROJECT No. 0446063

SHEET 1 OF 13 SHEETS

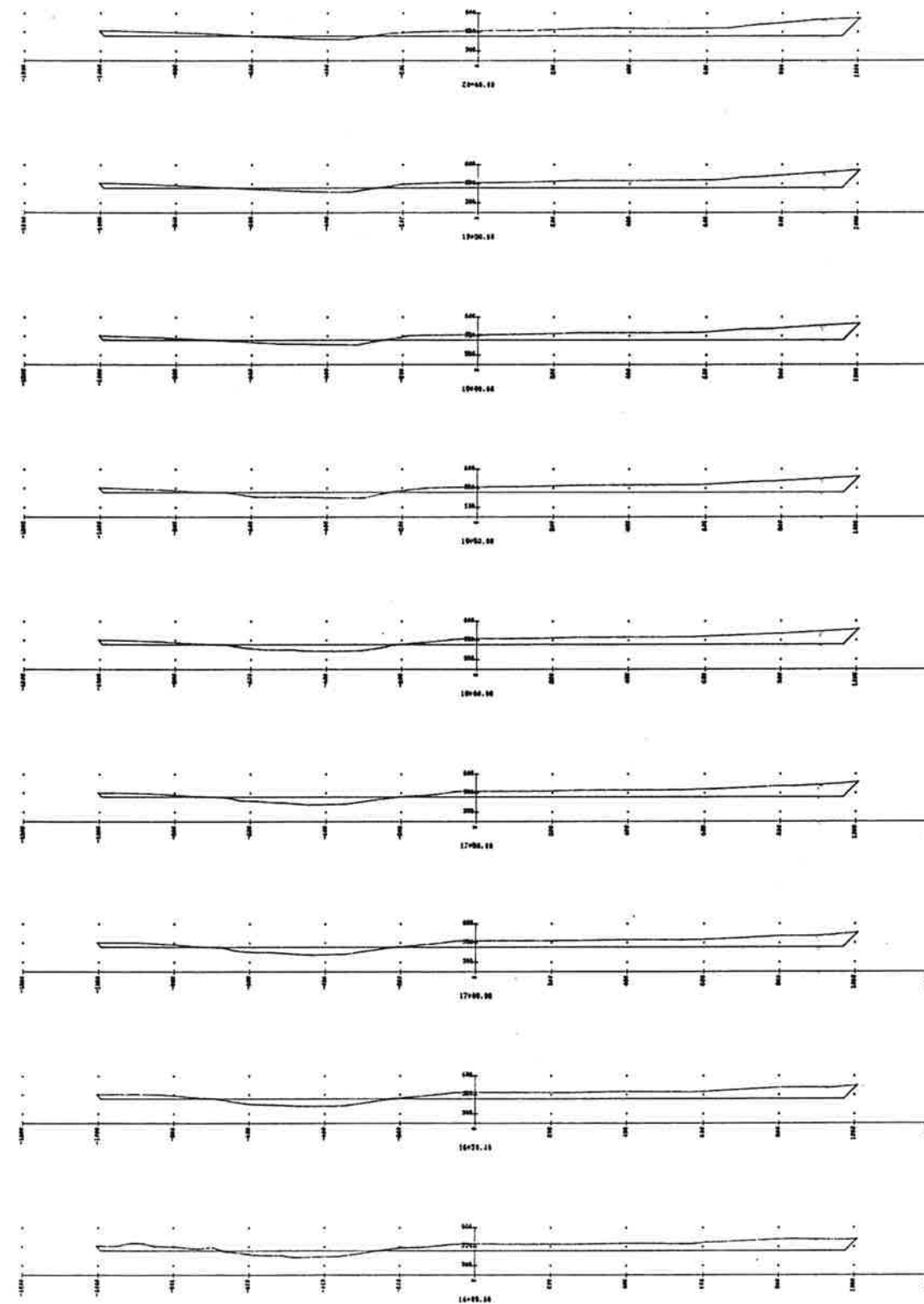
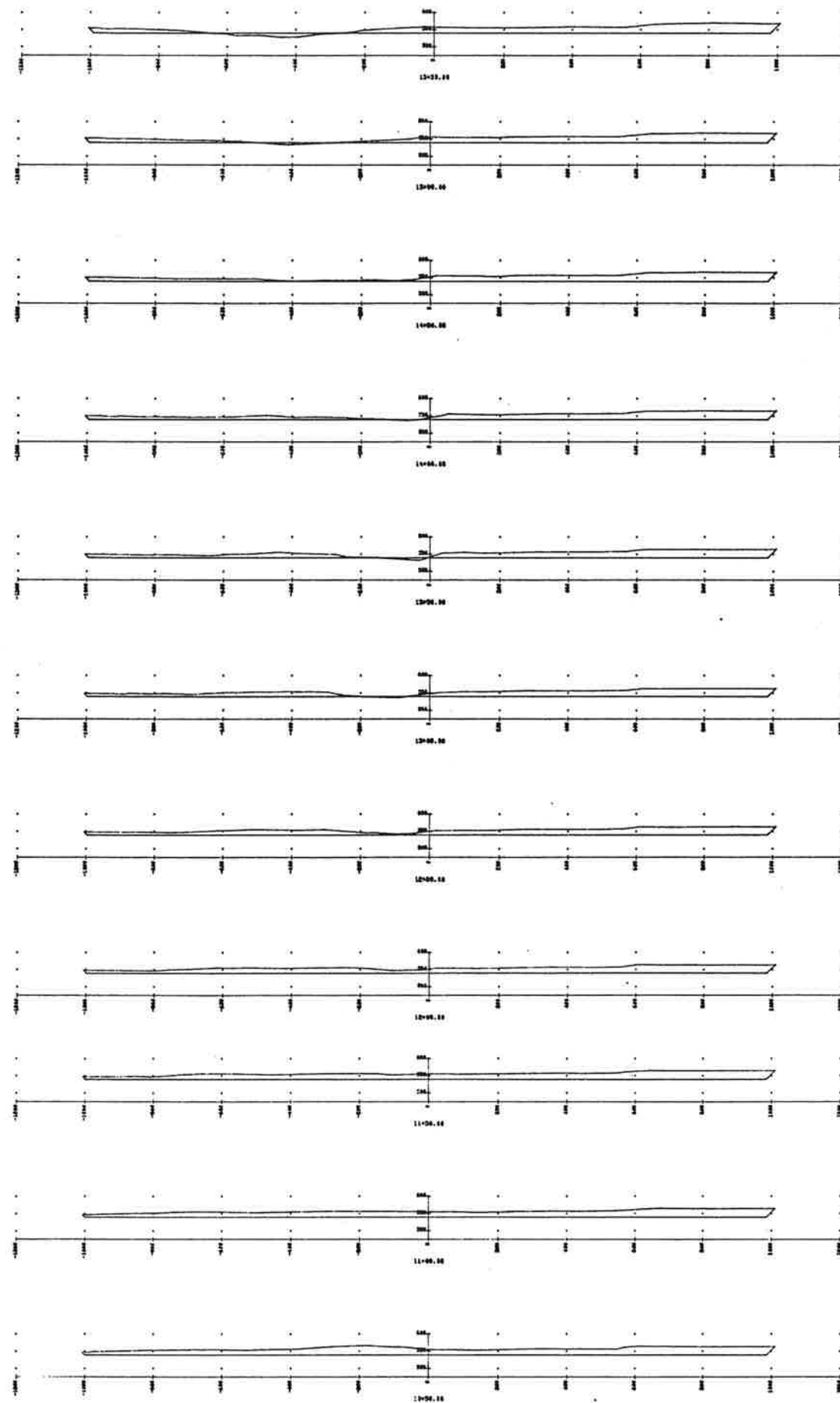
SCALE: HOB INCH = 200 FT. FEB INCH = 200 FT.

MAINTENANCE DIVISION No. 4

APPROVED BY: John J. Hoff
COUNTY ROAD ENGINEER

DATE	REVISION	BY
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NOTE BOOK NO.	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____ ALIGNMENT CHECKED _____ MI. OF WAY ENTERED _____		



Signed: Dec 20, 1991

KING COUNTY DEPT. OF PUBLIC WORKS
DIRECTOR
SUMMIT PIT EXCAVATION SECTIONS

SURVEY No. FB 1631 & 1631A PROJECT No. M44643

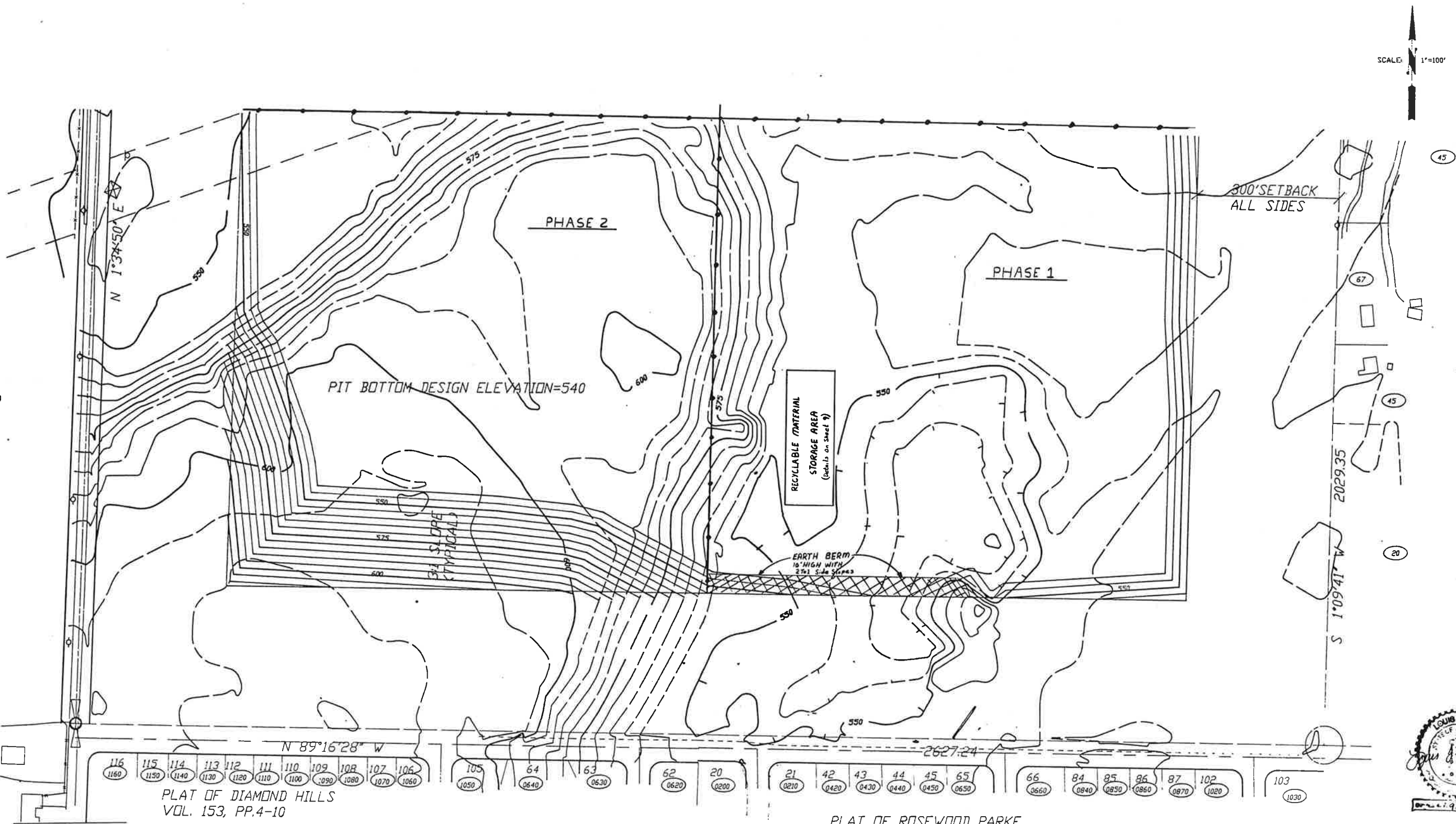
SHEET 8 OF 12 SHEETS

SCALE: HOS. INCHES FT. YES INCHES FT.

MAINTENANCE DIVISION No. 4

APPROVED BY: John J. Hoff
COMMUNITY COLLEGE ENGINEER

DATE	REVISION	S
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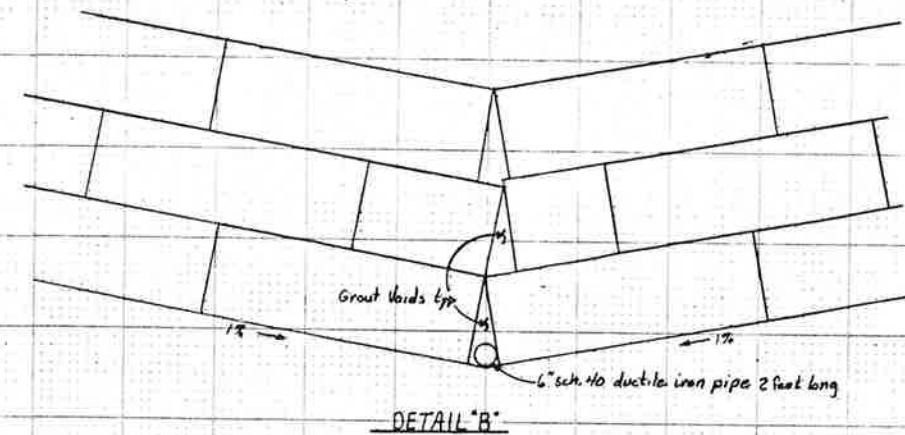
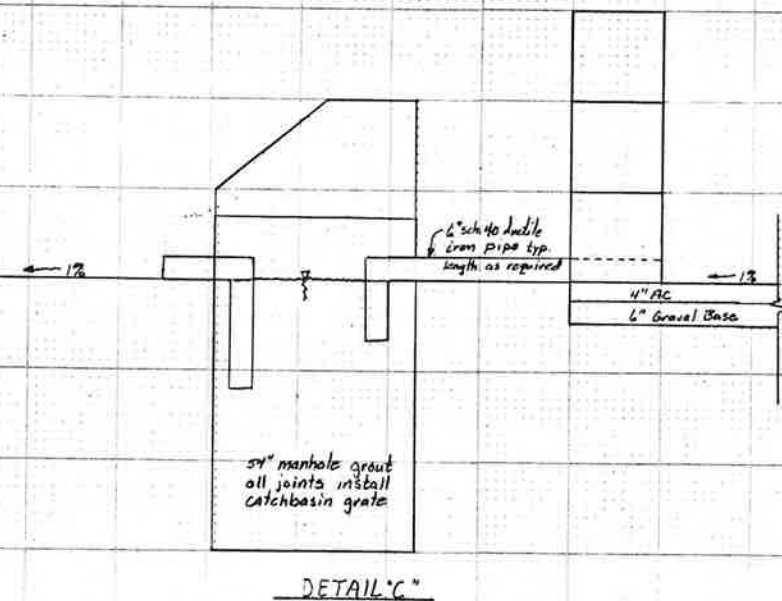
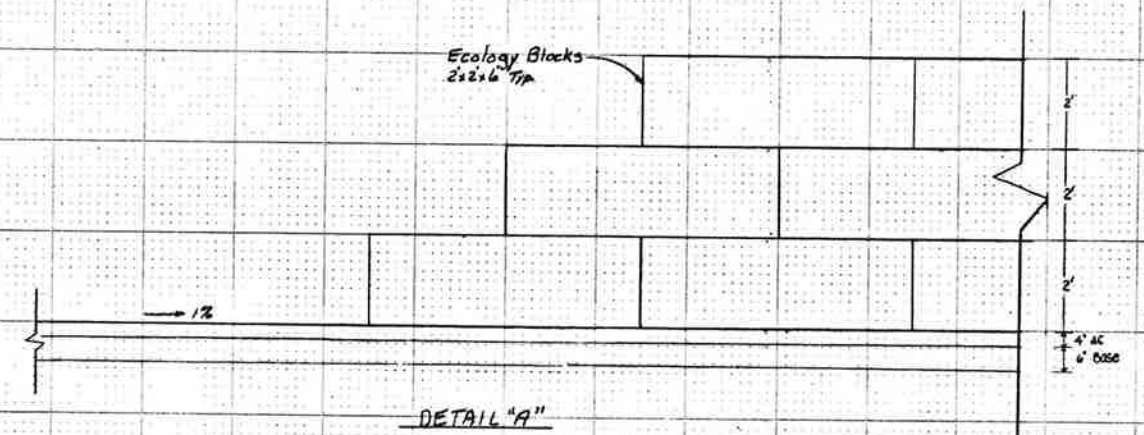
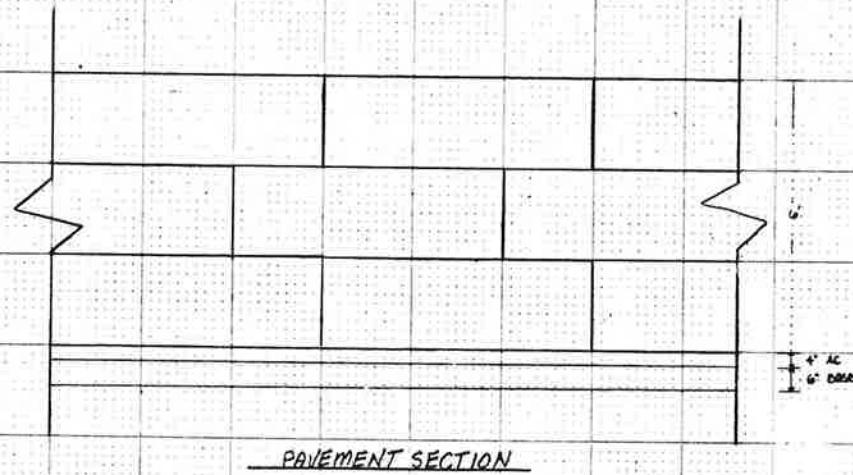
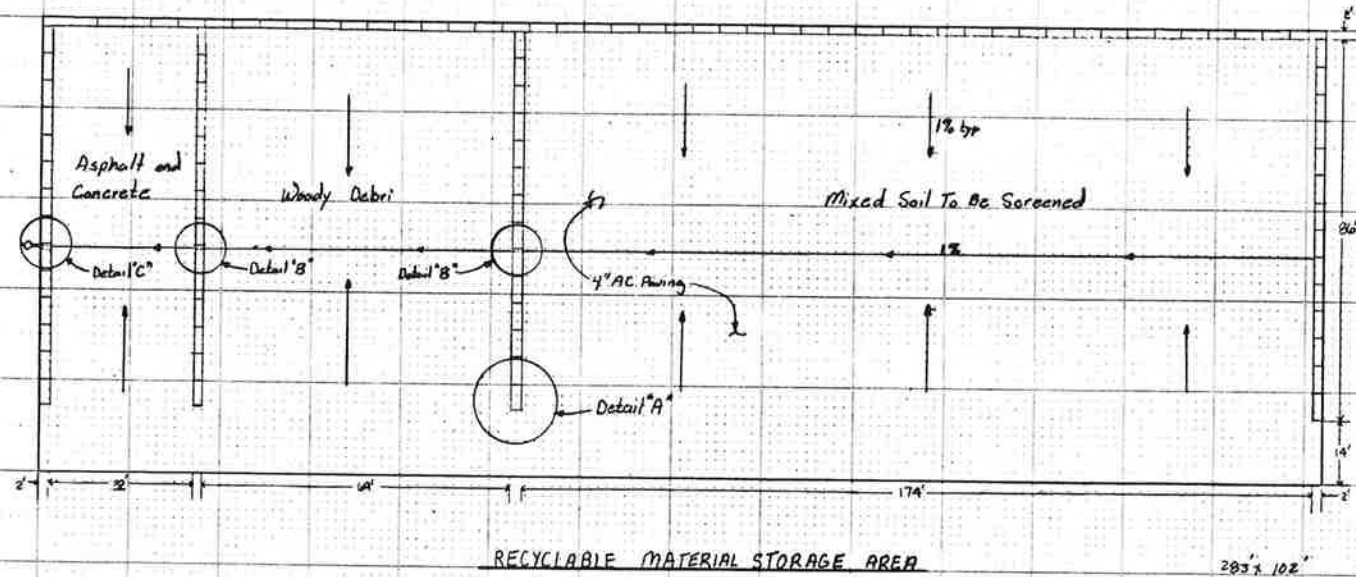


PLAT OF ROSEWOOD PARKE
VOL. 153, PP.30-37

- ### NOTES
1. Mining activities will progress into the next phase prior to completion of filling operations in the previous phase of mining.
 2. Recyclable material storage area will be relocated as necessary during mining operations. It is anticipated that it will only need to be moved twice before final reclamation.

APPROVED BY: Don J. Hall
COUNTY CLERK

SURVIVED _____		BY _____	DATE _____
PLACED _____			
ALIGNMENT SUCCESSFUL _____			
AT 01 MAY 1968 _____			
NOTE: _____			
NO _____			



Signal: Dec 20, 1991

KING COUNTY DEPT. OF PUBLIC WORKS
DIRECTOR

SUMMIT PIT RECYCLABLE MATERIAL STORAGE AREA DETAILS

SHEET 10 OF 13 SHEETS
SCALE: HOB INCH = 2 FT. VEB INCH = 2 FT.

MAINTENANCE DIVISION No. 4

APPROVED BY: James A. Hoff
COUNTY ROAD ENGINEER

310-51 M

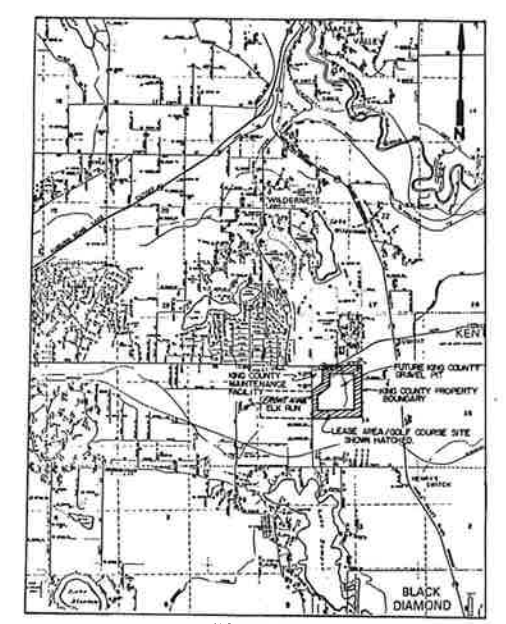


LEGAL DESCRIPTION:
The Northwest quarter of Section 34, Township 22 North,
Range 6 East, W.M., EXCEPT roads.

NOTE:
The underlying topographic and project boundary information shown hereon is from field surveys conducted by King County. The information was provided on drawings supplied by King County. All designs are based on this data.
The golf course routing plan/layout is based on the design provided by Design Two Four - Two Six and as subsequently revised by the owner.
The location of all wetlands shown is based on field surveys by Sadler/Barnard & Associates of wetland limits flagged by Temo Associates. Locations were provided by aforementioned per Map 92-016.

AREA WITHIN GRADING PERMIT: 60 Acres
TOTAL EXCAVATION: 53,500 cu. yd.

- LEGEND**
- Edge of existing clearing
 - Edge of proposed clearing
 - Existing contour (typical interval 5 ft.)
 - Finished contour (typical interval 2 ft.)
 - Grass-lined drainage swale
 - Temporary diversion swale
 - Filter fence
 - Unsettled wetland



HUGH G. GOLDSMITH & ASSOCIATES, INC.
Consulting Engineers - Surveyors - Planners
CONIFER BUILDING - SUITE 100
Ballfield Office Park
1450 144th Avenue S.E.
Bellevue, Washington 98004 (206) 462-1080

REV. NO.	DATE	DESCRIPTION	MADE BY	CHECKED BY	REV. NO.	DATE	DESCRIPTION	MADE BY	CHECKED BY

SCALE: 1" = 100'

DATE: 8/78

APPROVED: S.L.P.

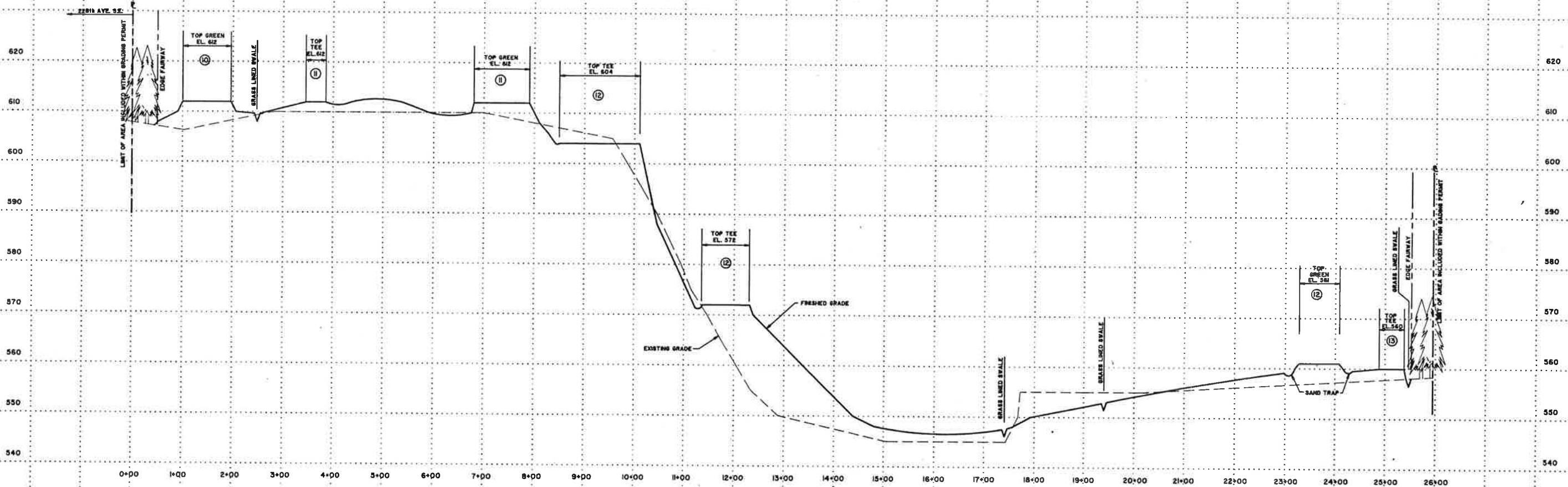
FIELD BOOK:

PAGE:

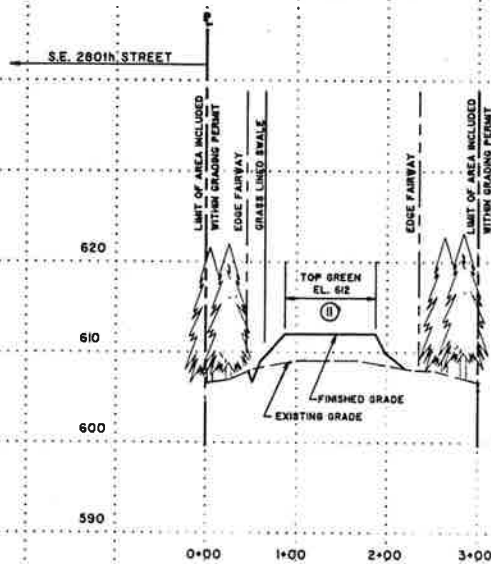
PACIFIC DEVELOPMENT COMPANY
CLEARING, GRADING, AND TE/SC PLAN
ELK RUN GOLF COURSE
BACK NINE

1
3

11 OF 12



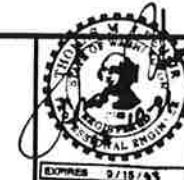
SECTION A-A
SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'



SECTION B-B
SCALE: HORIZ. 1" = 100'
VERT. 1" = 10'

HUGH G. GOLDSMITH & ASSOCIATES, INC.
Consulting Engineers - Surveyors - Planners
CONIFER BUILDING - SUITE 100
Bellefield Office Park
1450 114th Avenue S.E.
Bellevue, Washington 98004 (206) 462-1080

REV. NO.	DATE	DESCRIPTION	MADE BY	CHECKED	REV. NO.	DATE	DESCRIPTION	MADE BY	CHECKED	SCALE	AS SHOWN
										DRAWN	H.W.
										DATE	11/91
										APPROVED	G.L.P.
										FIELD BOOK	
										PAGE	



PACIFIC DEVELOPMENT COMPANY
CROSS SECTIONS FOR
ELK RUN GOLF COURSE
BACK NINE

JOB NO. 91093
SHEET
2 / 3

KING COUNTY

WASHINGTON

GENERAL CONDITIONS

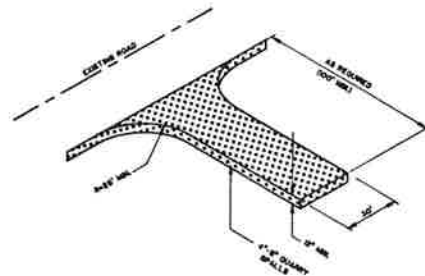
- 0060 - ALL WORK SHALL COMPLY WITH THE PROVISIONS OF KING COUNTY ORDINANCE 3499, RELATING TO NOISE CONTROL.
- HOURS SHALL BE LIMITED FROM 7:00 AM TO 7:00 PM, MONDAY THROUGH FRIDAY, AND 9:00 AM TO 6:00 PM ON SATURDAYS.
- 0120 - PERMITTEE SHALL ABIDE BY THE REGULATIONS OF THE PUGET SOUND AIR POLLUTION CONTROL AGENCY (PSAPCA).
- 0140 - YOU MUST CALL 1-800-424-5555 NOT LESS THAN 48 HOURS BEFORE BEGINNING EXCAVATION WHERE ANY UNDERGROUND UTILITIES MAY BE LOCATED. FAILURE TO DO SO COULD MEAN BEARING SUBSTANTIAL REPAIR COSTS UP TO THREE TIMES THE COST OF REPAIRS TO THE SERVICE.
- 0160 - A FOREST PRACTICES PERMIT MAY BE REQUIRED BY THE WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES FOR CLEARING ASSOCIATED WITH THIS PERMIT. CONTACT DNR AT (206) 825-9531 FOR INFORMATION.
- 180 - ALL UNSUITABLE OR SURPLUS EXCAVATED OR CLEARED MATERIAL TO BE REMOVED FROM THE SITE SHALL BE DISPOSED OF IN AN APPROVED, LEGAL FILL SITE. IT WILL BE THE PERMITTEE'S RESPONSIBILITY TO LOCATE ACCEPTABLE DISPOSAL SITES AND ASSURE THAT ALL SURPLUS MATERIAL IS DISPOSED OF IN SAME.
- 220 - PRIOR TO BOND RELEASE, PERMITTEE SHALL PROVIDE A DETAILED ACCOUNT OF ALL OFF-SITE DISPOSAL ACTIVITIES. THIS ACCOUNTING SHALL INCLUDE DATE, NUMBER OF TRIPS, VOLUME, HAUL ROUTE USED, TYPE OF TRUCK, TYPE OF MATERIAL AND DESTINATION, WITH A COMPLETE SUMMARY FOR EACH DISPOSAL SITE.
- 230 - ALL FILL SHALL BE CLEAN, EARTHEN MATERIAL WHICH HAS NO ROCK OR SIMILAR IRREDUCIBLE MATERIAL WITH A MAXIMUM DIMENSION GREATER THAN 18 INCHES.
- 250 - THE TOPS AND THE TOES OF CUT AND FILL SLOPES SHALL BE SET BACK FROM PROPERTY BOUNDARIES AS FAR AS NECESSARY FOR SAFETY OF THE ADJACENT PROPERTIES AND TO PREVENT DAMAGE RESULTING FROM WATER RUNOFF OR SLOPE EROSION.
- 2030 - THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE PERMITTEE FOR THE DURATION OF THE CONSTRUCTION.
- 2040 - THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS. (KCC 9.04.020 AA, KCRS 7.09D.)
- 2260 - ROCKERIES ARE CONSIDERED TO BE A METHOD OF BANK STABILIZATION AND EROSION CONTROL. ROCKERIES SHALL NOT BE CONSTRUCTED TO SERVE AS RETAINING WALLS. ALL ROCKERIES SHALL BE IN ACCORDANCE WITH KCRS DRAWING NUMBERS 19, 20 AND 21.
- 2380 - ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 18 DAYS OR MORE MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER, INCLUSIVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITTEE, BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE DEPARTMENT.
- 2200 - THE EROSION AND SEDIMENTATION CONTROL SYSTEMS DEPICTED ON THIS DRAWING ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. THE PERMITTEE SHOULD ANTICIPATE THAT MORE SILTATION AND SEDIMENTATION CONTROL FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE PROPOSED SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITTEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES OVER AND ABOVE MINIMUM REQUIREMENTS AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES AND WATER QUALITY OF THE RECEIVING DRAINAGE SYSTEM.
- 7020 - DURING HAULING OPERATIONS, PERMITTEE SHALL PROVIDE EFFECTIVE DUST CONTROL MEASURES CONSISTING OF WATER, ASPHALT TREATED BASE, CHEMICAL DUST PALLIATIVES, OR EQUIVALENT MEASURES TO CONTROL DUST FROM THIS OPERATION.
- 7040 - PERMITTEE SHALL BE RESPONSIBLE FOR IMPLEMENTING ALL APPROPRIATE MEASURES NEEDED I.E. PAVING, SWEEPING, AND/OR OTHER TECHNIQUES TO KEEP STREETS AND ROADS USED AS HAUL ROUTES FOR EXPORT OR IMPORT OF MATERIAL CLEAN AND FREE FROM DEBRIS, MUD ETC.
- 7070 - ANY DAMAGE TO PAVEMENT EDGES, SIDEWALK, CURB AND GUTTER, ETC., RESULTING FROM OPERATIONS AUTHORIZED BY THIS PERMIT SHALL BE REPAIRED IMMEDIATELY.
- ALL CONSTRUCTION OF UTILITIES WITHIN EXISTING OR FUTURE COUNTY R.O.W. SHALL COMPLY WITH CHAPTER 8 OF THE KING COUNTY ROAD STANDARDS. DENSITY TEST REPORTS AND COMPACTION OF TRENCH/BACKFILL SHALL BE COMPLETED AS OUTLINED IN CHAPTER 8.

SEQUENCE OF WORK FOR CLEARING AND GRADING

1. ATTEND PRE-CONSTRUCTION MEETING.
2. FLAG CLEARING LIMITS.
3. INSTALL FILTER FENCE WHERE SPECIFIED AND/OR REQUIRED BY INSPECTOR.
4. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
5. CLEAR TO FLAGGED LIMITS.
6. INSTALL OTHER TE/SC DEVICES AS NECESSARY.
7. MASS GRADE SITE, RELOCATE AND MAINTAIN DIVERSION DITCHES AND SWALES AS GRADING PROGRESSES.
8. INSTALL CROSS CULVERTS AND OUTFALL PROTECTION.
9. HYDROSEED AND MULCH ALL EXPOSED AREAS.
10. REMOVE ALL TE/SC FACILITIES ONLY WHEN ENTIRE SITE IS STABILIZED.

EROSION/SEDIMENTATION CONTROL NOTES

1. APPROVAL OF THIS EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PUES, RESTRICTIONS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.)
2. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED.
3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
4. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS. (KCC 9.04.020 AA, KCRS 7.09 D.)
5. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED (I.E. RELOCATION OF DITCHES AND S&T FENCES, ETC.) AS NEEDED FOR UNEXPECTED STORM EVENTS (KCC 9.04.030 B2).
6. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING (KCC 9.04.030 B2).
7. ANY AREA STRIPPED OF VEGETATION, INCLUDING ROADWAY EMBANKMENTS, WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 18 DAYS, SHALL BE IMMEDIATELY STABILIZED WITH THE APPROVED ESC METHODS (E.G. SEEDING, MULCHING, NETTING, EROSION BLANKETS, ETC.) (KCRS 7.09D).
8. ANY AREA NEEDING ESC MEASURE, NOT REQUIRING IMMEDIATE ATTENTION, SHALL BE ADDRESSED WITHIN FIFTEEN (15) DAYS.
9. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A STORM EVENT.
10. STABILIZED CONSTRUCTION ENTRANCES AND WASH PADS SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURE MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT. (RCW 46.61.055).
11. WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROPRIATE RATE (E.G. ANNUAL OR PERENNIAL RYE APPLIED AT APPROXIMATELY 80 POUNDS PER ACRE).
12. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF TWO INCHES.



STABILIZED CONSTRUCTION ENTRANCE

N.T.S.



GRASS LINED SWALE

N.T.S.

STREET AND EARTHWORK - GENERAL NOTES

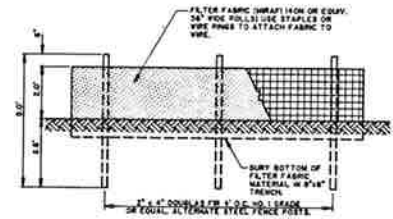
1. ALL R.O.W. EMBANKMENTS SHALL BE CONSTRUCTED OF SUITABLE NATIVE SOILS EXCAVATED FROM ON-SITE EXCAVATION AREAS. THE CONTRACTOR SHALL SECURE SPECIFIC APPROVAL OF FILL MATERIAL TO BE USED (FROM THE OWNER OR ENGINEER) PRIOR TO PLACEMENT OF ANY EMBANKMENTS.
2. PRIOR TO PLACING ROAD EMBANKMENTS, ALL TOPSOIL, UNSUITABLE MATERIAL, VEGETATION OR DEBRIS, AND STANDING WATER SHALL BE REMOVED. EMBANKMENTS SHALL BE PLACED ON A UNIFORM, HARD, UNYIELDING BASE.
3. COMPACTION CONTROL IN R.O.W.
THE PROVISIONS OF SECTION 2.03 OF THE WSDOT / APWA STANDARD SPECIFICATIONS APPLY IN ALL RESPECTS TO R.O.W. CONSTRUCTION UNLESS OTHERWISE SPECIFICALLY NOTED. THE FOLLOWING ELEMENTS ARE MENTIONED FOR CLARIFICATION AND EMPHASIS:
A. EMBANKMENT AND CUT SECTION COMPACTION: COMPACTION OF THE TOP TWO FEET OF FILL SUBGRADE AND TOP 6 INCHES OF CUT SUBGRADE SHALL MEET A MINIMUM 95% OF MAXIMUM DENSITY IN ACCORDANCE WITH WSDOT / APWA STANDARD SPECIFICATIONS SECTION 2-03.304(C) - METHOD B. SUBGRADE FILL BELOW THE TOP TWO FEET SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY.
B. TESTING FOR DENSITY
PRIOR TO PLACING ANY SURFACING MATERIAL ON THE ROADWAY, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE DENSITY TEST REPORTS CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF WASHINGTON. OPTIMUM MOISTURE CONTENT AND MAXIMUM DENSITY SHALL BE DETERMINED BY METHODS CITED IN SECTION 2-03.304(D) OF WSDOT / APWA STANDARD SPECIFICATIONS OR BY OTHER TEST PROCEDURES APPROVED BY THE COUNTY ROAD ENGINEER. IN FILL SECTIONS A MINIMUM OF ONE TEST SHALL BE TAKEN FOR EVERY 300 FEET OF ROADWAY AND ON EACH LIFT OF EMBANKMENT. IN CUT SECTIONS THE MATERIAL SHALL BE EVERY 200 FEET OF ROADWAY. FOR WORK TO BE ACCEPTED TESTS MUST SHOW A CONSISTENT UNIFORM DENSITY AS REQUIRED BY TESTS REFERENCED ABOVE.
(2) IN CASES WHERE TESTS DO NOT MEET THE MINIMUM STANDARD, CORRECTIVE ACTION SHALL BE TAKEN SUCH AS ADDING WATER, AERATING, REPLACING MATERIAL OR APPLYING MORE COMPACTIVE EFFORT AS DIRECTED BY THE DEVELOPER'S ENGINEER. RETEST SHALL SHOW PASSING DENSITIES PRIOR TO PLACING THE NEXT LIFT OF SUBGRADE FILL.
(3) FOR THE TRENCHING IN EXISTING ROAD EMBANKMENTS, SEE SECTION 8.03 KING COUNTY ROAD STANDARDS. BACKFILL COMPACTION SHALL BE DONE BY MECHANICAL MEANS.
C. IN THE EVENT THAT SUB-BASE STABILITY (95% COMPACTION) CANNOT BE OBTAINED BENEATH SURFACING, THEN A SELECT IMPORTED MATERIAL (GRAVEL BASE CLASS "B") SHALL BE REQUIRED BEFORE ANY PAVING CAN TAKE PLACE.
D. ALL EXCESS EXCAVATED MATERIAL NOT USED FOR ROAD EMBANKMENTS OR LOT FILLS AS SHOWN ON THE PLANS SHALL BE DEPOSITED AS DIRECTED BY THE OWNER. ANY FILL ON LOT AREAS SHALL BE CONSIDERED "LOT FILLS" AND SHALL CONFORM TO THE GENERAL NOTES FOR LOT EMBANKMENT.
E. IN THOSE AREAS OTHER THAN ROADWAYS, WHERE CONSTRUCTION REQUIRES THE REMOVAL OF SOD, ETC., THOSE AREAS SHALL BE SEEDING WITH THE FOLLOWING MIXTURE: ANNUAL RYEGRASS @ 100 LBS./AC. GRASS SEEDING WILL BE DONE USING AN APPROVED TYPE HYDRO-SEEDER, OR AS OTHERWISE APPROVED BY KING COUNTY DEPARTMENT OF PUBLIC WORKS. THE PERFORMANCE BOND WILL NOT BE RELEASED UNTIL THE GRASS IS ESTABLISHED UNLESS OTHERWISE APPROVED BY KING COUNTY DEPARTMENT OF PUBLIC WORKS.
F. WHERE NEW PAVING MUST MATCH EXISTING PAVING, APPLY BOND FOR PROPER SEAL.
G. THE OWNER SHALL BE NOTIFIED IN ADVANCE OF THE COMMENCEMENT OF ANY CLEARING. NO LAND SHALL BE CLEARED UNLESS IT IS SPECIFICALLY FLAGGED FOR CLEARING IN THE FIELD. DURING GRADING OPERATIONS, ROCKERIES MAY BE USED TO RETAIN EXISTING SPECIMEN TREES AT OWNER'S OPTION. ALL ROCKERIES SHALL BE KING COUNTY STANDARD.
H. ALL SITE GRADING SHALL IN GENERAL CONFORM TO REQUIREMENTS OF K.C.C. 16.82

TABLE 4.3.6A ROCK PROTECTION AT OUTFALLS						
Discharge Velocity At Design Flow (fps)		REQUIRED PROTECTION				
Greater than	Less than or equal to	Type	Minimum Dimensions			
			Thickness	Width	Length	Height
0	5	Rip Rap	1 ft.	Diameter > 6 ft.	8 ft. or 4 ft. Dia. whichever is greater	Crown + 1 ft.
5	10	Rip Rap	1 ft.	Diameter > 6 ft.	12 ft. or 4 ft. Dia. whichever is greater	Crown + 1 ft.
10	20	Rebar Outfall	1 ft.	(As required)	(As required)	Crown + 1 ft.
20	N/A	Engineered Energy Dissipater	Required			

• Rip Rap shall be in accordance with section 9-13.1 of the WSDOT/APWA Standard Specifications. Rip Rap to be reasonably well graded with rock gradation as follows:
Passing 3 inch square sieve 100% } or { Maximum stone size 8"
Passing 5 inch square sieve 40-60% } or { Medium stone size 8"
Passing 3 inch square sieve 0-10% } or { Minimum stone size 2"

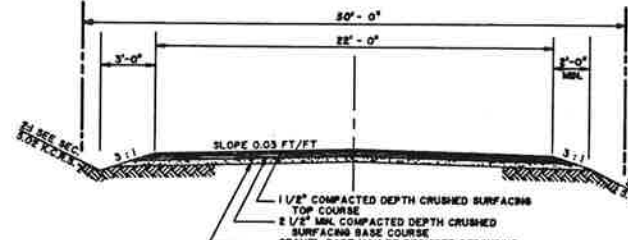
• Rip Rap to be reasonably well graded with rock gradation as follows:
Maximum stone size 24" (nominal diameter)
Medium stone size 16"
Minimum stone size 4"

Note: Rip Rap sizing governed by side slopes on outlet channel, assumed to be -3:1



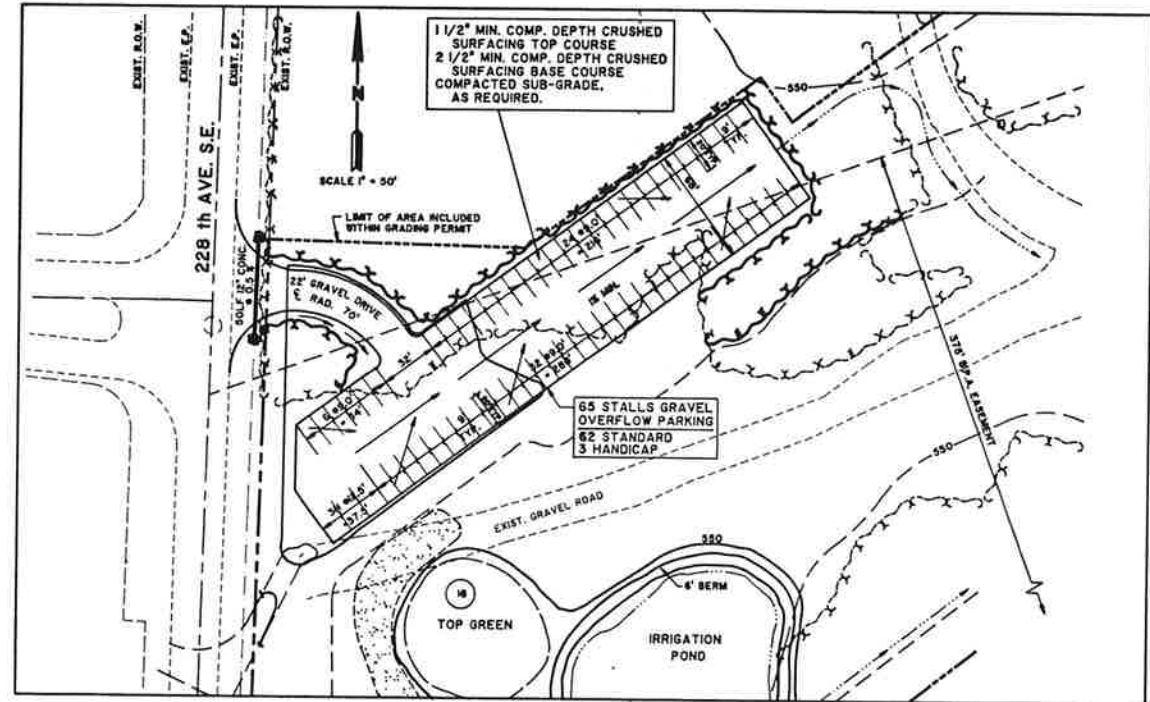
FILTER FENCE

N.T.S.



TYPICAL SECTION - PRIVATE ROAD

N.T.S.



GRAVEL OVERFLOW PARKING DETAIL

HUGH G. GOLDSMITH & ASSOCIATES, INC.
Consulting Engineers - Surveyors - Planners

CONIFER BUILDING - SUITE 100
Bellefield Office Park
1450 114th Avenue S.E.
Bellevue, Washington 98004 (206) 462-1080

REV. NO.	DATE	DESCRIPTION	MADE BY	CHECKED	REV. NO.	DATE	DESCRIPTION	MADE BY	CHECKED	SCALE	AS SHOWN
										DRAWN	H.W.
										DATE	11 / 91
										APPROVED	G.L.P.
										FIELD BOOK	
										PAGE	



KING COUNTY

PACIFIC DEVELOPMENT COMPANY
DETAILS AND NOTES
ELK RUN GOLF COURSE
BACK NINE

JOB NO. 91093

SHEET

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