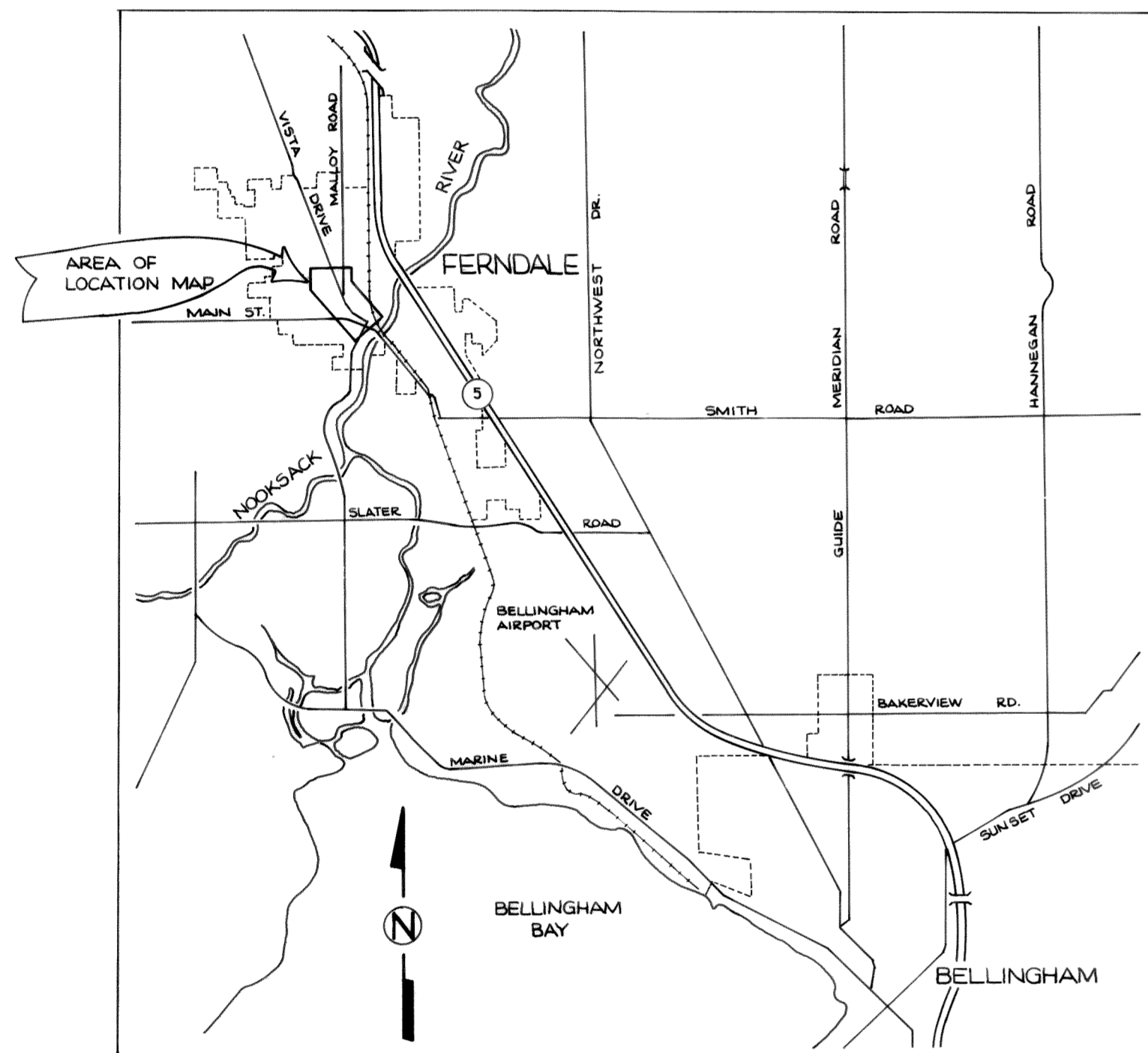
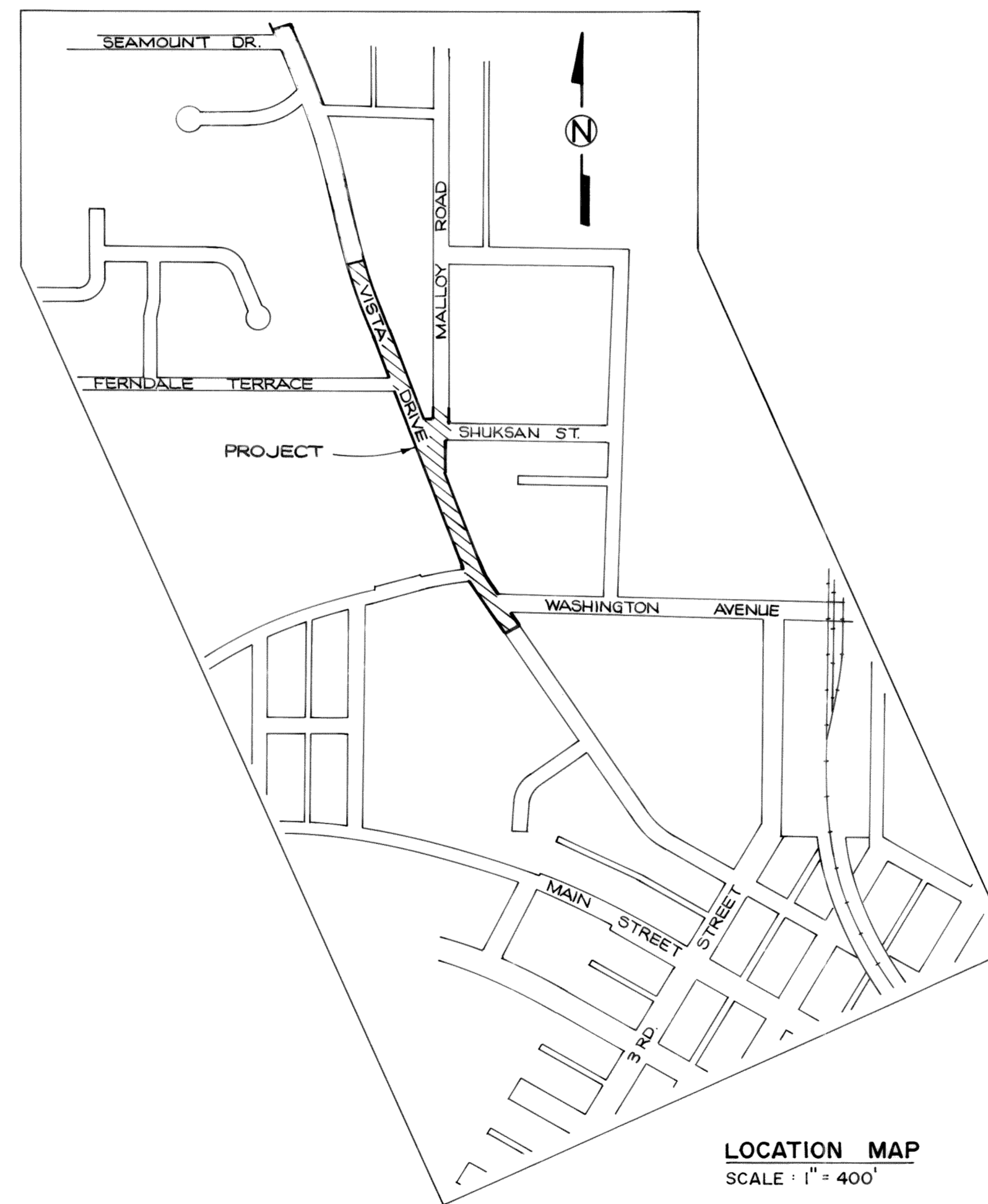


CONTRACT PLANS  
 FOR  
 VISTA DRIVE ROADWAY IMPROVEMENTS  
 CITY OF FERNDALE  
 WHATCOM COUNTY, WASHINGTON  
 STATE URBAN ARTERIAL PROGRAM NUMBER 8-2-985-(03)

7/1 00.8.8 100.1.0100



VICINITY MAP  
N.T.S.

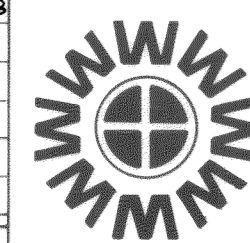


LOCATION MAP  
SCALE: 1" = 400'

OWNER : CITY OF FERNDALE  
 COUNCIL MAYOR : AL SCHMIDT  
 COUNCIL : GARY GIBBONS  
 MADELYN WASLOHN  
 JACK WILLIAMS  
 LORNA GEMMELL  
 D. P. SIZEMORE  
 DENNIS HAWKINSON  
 CITY MANAGER : RON PETERSON  
 PUBLIC WORKS DIRECTOR: JOHN ELEY  
 CONSULTING ENGINEER : WEDEN ENGINEERING

THESE PLANS HAVE BEEN REVIEWED AND FOUND TO  
 BE IN CONFORMANCE WITH CITY OF FERNDALE STANDARDS.  
*John Eley* 4-29-87  
 JOHN ELEY, DIRECTOR OF PUBLIC WORKS DATE

RECORD DRAWINGS	BMG	1/26/88
NO.	REVISION	BY DATE



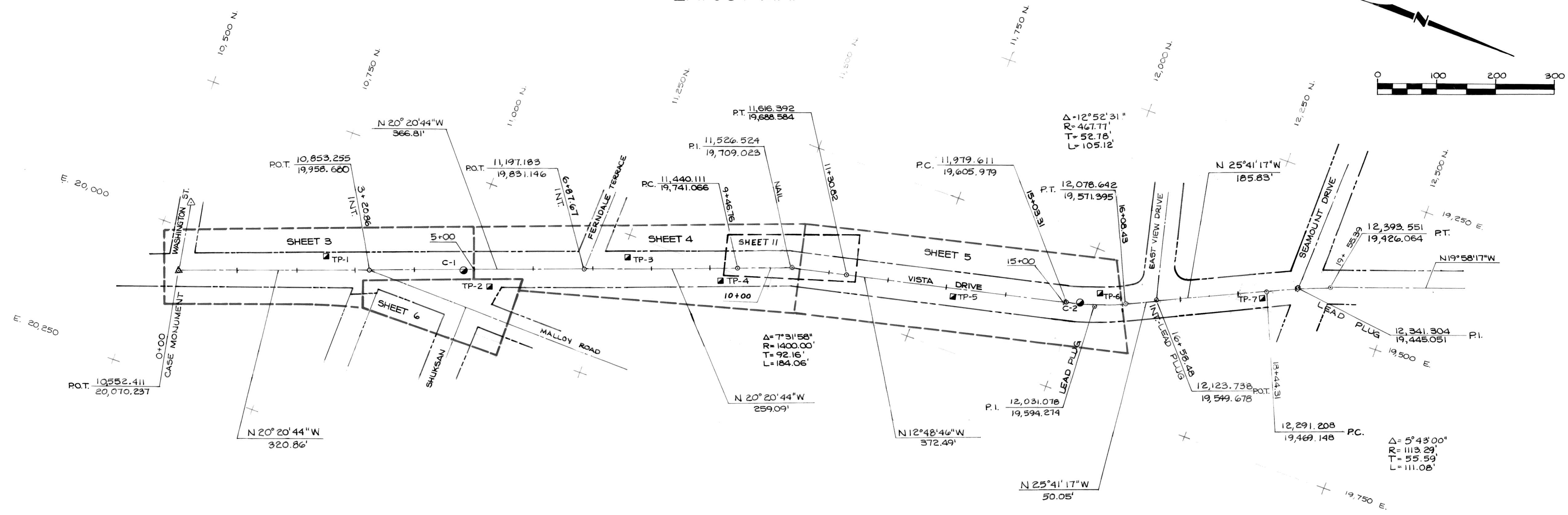
**WEDEN ENGINEERING**  
 ENGINEERING AND LAND SURVEYING  
 BELLINGHAM, WASHINGTON 671-8200, 354-3723

DESIGNED BY	BMG
DRAWN BY	
CHECKED BY	

CITY OF FERNDALE  
 VISTA DRIVE ROADWAY IMPROVEMENTS  
 UAB NO. 8-2-985-(03)  
 TITLE SHEET, VICINITY MAP AND LOCATION MAP

DATE	SHEET
APRIL 87	1
SCALE AS SHOWN	OF
JOB NO. 86068	11

# LAYOUT MAP



## DRAWING INDEX

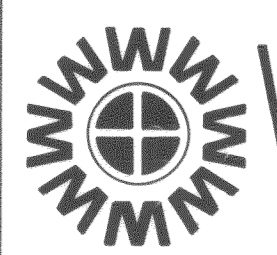
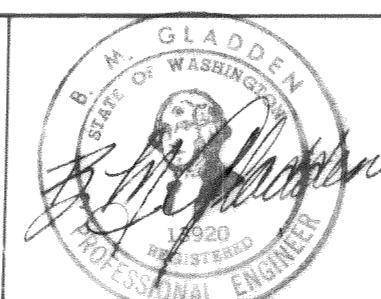
SHT. NO.	TITLE
1	TITLE SHEET, VICINITY MAP AND LOCATION MAP
2	LAYOUT MAP, INDEX, LEGEND AND GENERAL NOTES
3	PLAN AND PROFILE 0+00 TO 5+00
4	PLAN AND PROFILE 5+00 TO 10+50
5	PLAN AND PROFILE 10+50 TO 16+00
6	SHUKSAN-MALLOY INTERSECTION
7	TYPICAL DETAILS
8	ROADWAY MARKING AND SIGNING
9	CROSS SECTIONS STA. 0+00 TO STA. 5+00
10	CROSS SECTIONS STA. 5+50 TO STA. 14+00
11	RETAINING WALL-CHANGE ORDER NO. 2

## LEGEND

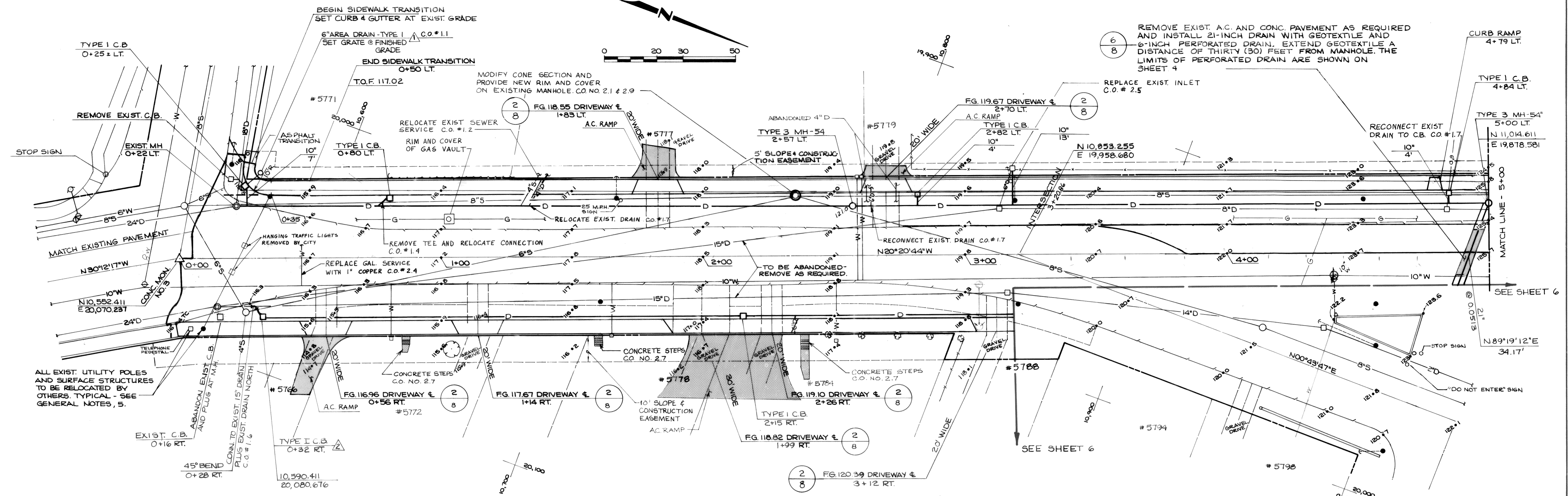
EXISTING	
	RIGHT OF WAY LINE
	ROADWAY CENTERLINE WITH 100 FOOT STATION INDICATED.
	EXIST. GROUND LINE AT ROADWAY CENTERLINE
	SANITARY SEWER WITH SIZE AND MANHOLE
	STORM DRAIN WITH SIZE AND MANHOLE
	GAS LINE (NO SIZES SHOWN)
	WATERLINE WITH SIZE AND VALVE
	UTILITY POLES
	UTILITY POLES TO BE RELOCATED BY OTHERS
	TEST PIT AND NUMBER
	CORE LOCATION AND NUMBER
	SPOT ELEVATION
	BEARING AND DISTANCE BETWEEN SURFACE
	MONUMENTS AND/OR ROADWAY CONTROL POINT
	EDGE OF ROADWAY PAVEMENT
NEW	
	SECTION A OR DETAIL 2 AND SHEET NO. WHERE TAKEN OR SHOWN
	DRAIN WITH MANHOLE SIZE, TYPE AND STATION INDICATED.
	DRAIN WITH CATCH BASIN SIZE, TYPE AND STATION INDICATED. CATCH BASIN WITH CONNECTING PIPE SIZE AND DISTANCE INDICATED.
	APPROX. AREA OF COLD PLANING (DELETED FROM PAY ITEM)
	APPROX. AREA OF ROADWAY CONCRETE AND ASPHALT REMOVAL

## GENERAL NOTES

1. THE LOCATION OF EXISTING UTILITIES SHOWN IS APPROXIMATE AND THE CONTRACTOR SHALL FIELD VERIFY PRIOR TO CONSTRUCTION. THE EXISTING UTILITIES ARE SHOWN ON THE ROAD AND DRAINAGE PLANS AND ELSEWHERE ONLY WHEN THEY HAVE SIGNIFICANT IMPACT ON THE WORK.
2. ROADWAY STATIONS ARE USED FOR LAYOUT OF THE WORK WHERE PRACTICAL. THE PROPOSED FINISHED GRADE AND EXISTING GROUND LINE AT ROADWAY CENTERLINE ARE SHOWN ON THE PROFILE, UNLESS INDICATED OTHERWISE.
3. ALL WORK SHALL CONFORM TO THE STANDARD PLANS AND SPECIFICATIONS OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT), THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA), AND THE CITY OF FERNDALE, UNLESS INDICATED OTHERWISE BY THE CONTRACT DOCUMENTS. IN CASE OF A CONFLICT BETWEEN THE REGULATORY STANDARDS OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT WILL PREVAIL.
4. ALL SCOPE AND CONSTRUCTION EASEMENTS SHOWN WILL BE OBTAINED BY THE CITY OF FERNDALE.
5. ALL EXISTING UTILITY POLES AND SURFACE STRUCTURES WITHIN AREAS TO BE IMPROVED WILL BE LOCATED BY OTHERS, AS SPECIFIED IN THE SPECIAL PROVISIONS.
6. ALL CONSTRUCTION STAKING ON VISTA DRIVE WAS BASED ON CENTERLINE GRADES SHOWN. ROADWAY FULL CROWN SLOPE WAS INCREASED FROM 2% TO 2.5%, PER LETTER DATED OCTOBER 28, 1987, RESULTING IN FINISH GRADE AT CENTERLINE BEING 0.11 FEET HIGHER THAN ELEVATION SHOWN.

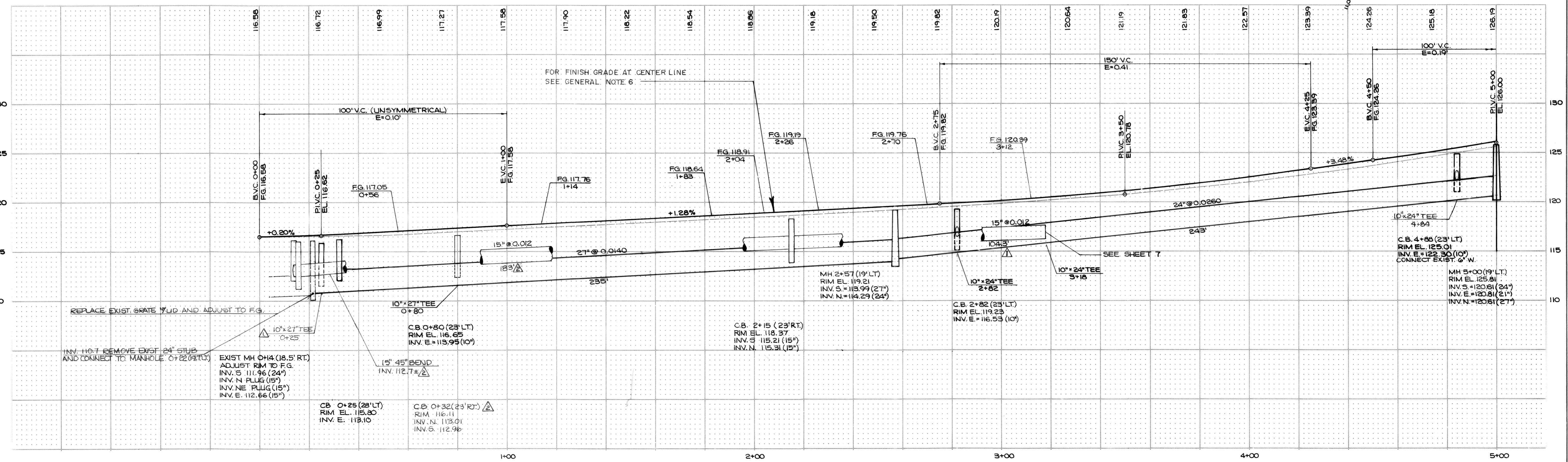
RECORD DRAWINGS NO. _____ REVISION _____ BY _____ DATE _____	B.M.G. 1/26/88	 <b>WEDEN ENGINEERING</b> ENGINEERING AND LAND SURVEYING BELLINGHAM, WASHINGTON 671-8200, 354-3723		B.M.G. DESIGNED BY J.H.A. DRAWN BY C.R.P. CHECKED BY	CITY OF FERNDALE <b>VISTA DRIVE ROADWAY IMPROVEMENTS</b> UAB NO. 8-2-985-(03) <b>LAYOUT MAP, INDEX, LEGEND AND GENERAL NOTES</b>	DATE APRIL 87 SCALE 1" = 100' JOB NO. 86068	SHEET 2 OF 11
--	----------------	---	---	---	---	--	------------------------

00187.002 2.8.06 4R



REMOVE EXIST. A.C. AND CONC. PAVEMENT AS REQUIRED AND INSTALL 21-INCH DRAIN WITH GEOTEXTILE AND 6-INCH PERFORATED DRAIN. EXTEND GEOTEXTILE A DISTANCE OF THIRTY (30) FEET FROM MANHOLE. THE LIMITS OF PERFORATED DRAIN ARE SHOWN ON SHEET 4

00187.003 2-8-06 K12



NO.	REVISION	BY	DATE
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2	REVISE C.B. 0+32 RT.	BMG	9/12/87
3	RECORD DRAWINGS	BMG	1/26/88

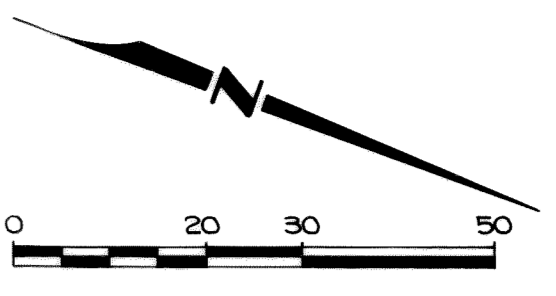
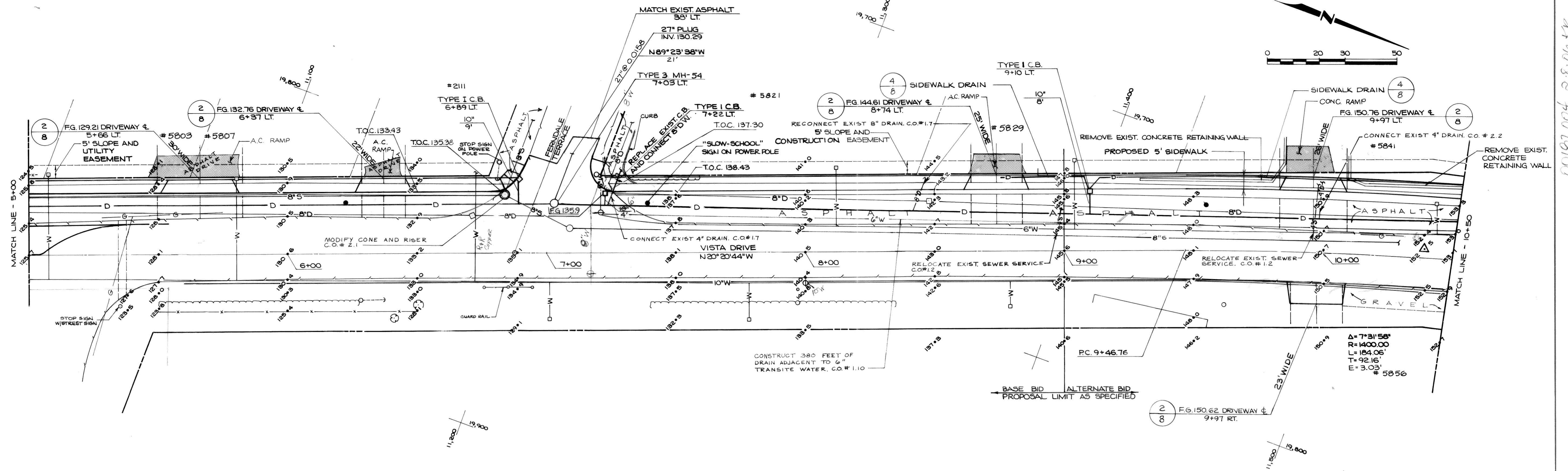
**WEDEN ENGINEERING**  
 ENGINEERING AND LAND SURVEYING  
 BELLINGHAM, WASHINGTON 671-8200, 354-3723

B.M.G.  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF WASHINGTON

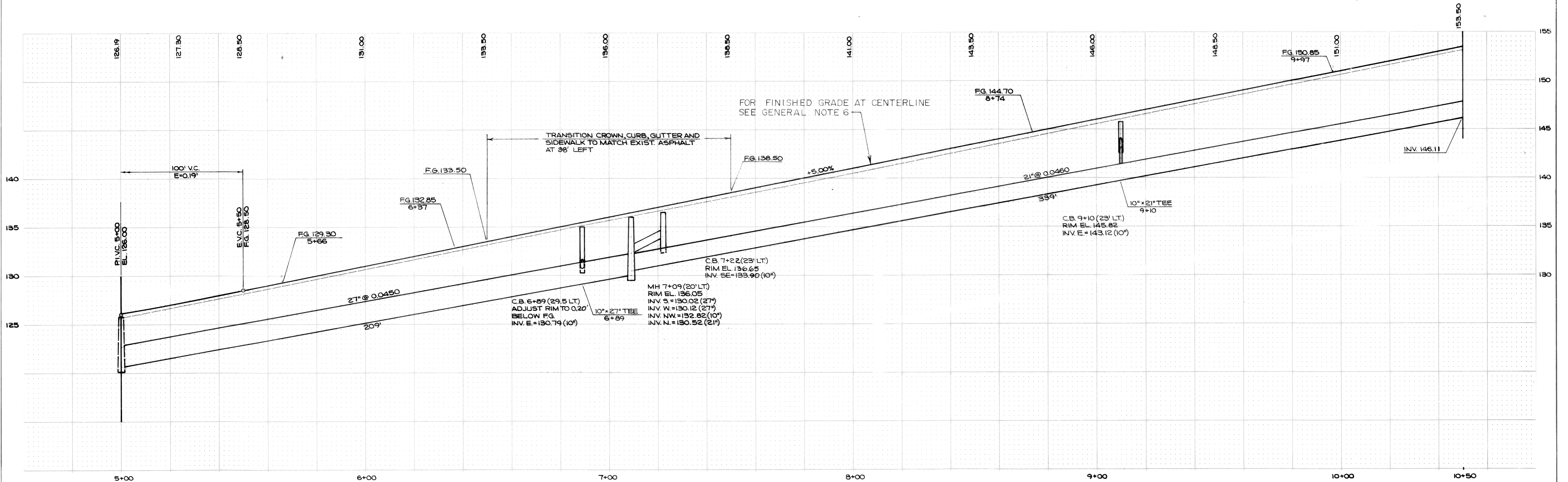
DESIGNED BY	BMG
DRAWN BY	J.E.W.
CHECKED BY	C.R.P.

CITY OF FERDALE  
**VISTA DRIVE ROADWAY IMPROVEMENTS**  
 UAB NO. 8-2-985-(03)  
**PLAN AND PROFILE 0+00 TO 5+00**

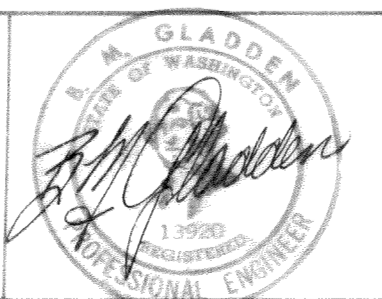
DATE	SHEET
APR 87	3 OF 11
SCALE	JOB NO.
AS SHOWN	86068



20197.004 2-8-06 KR



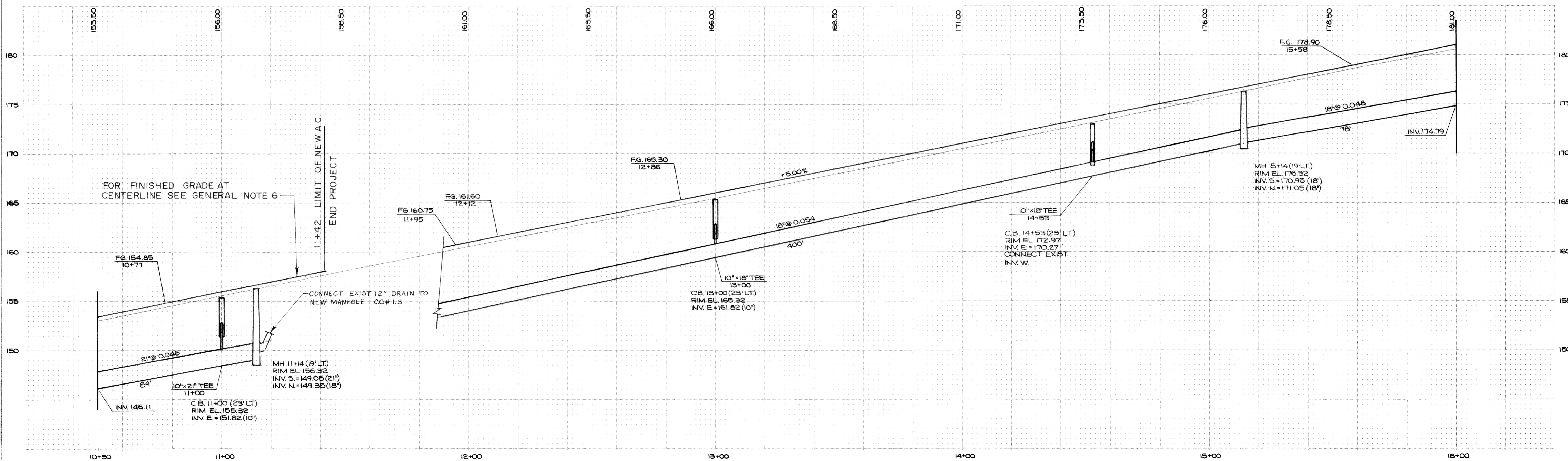
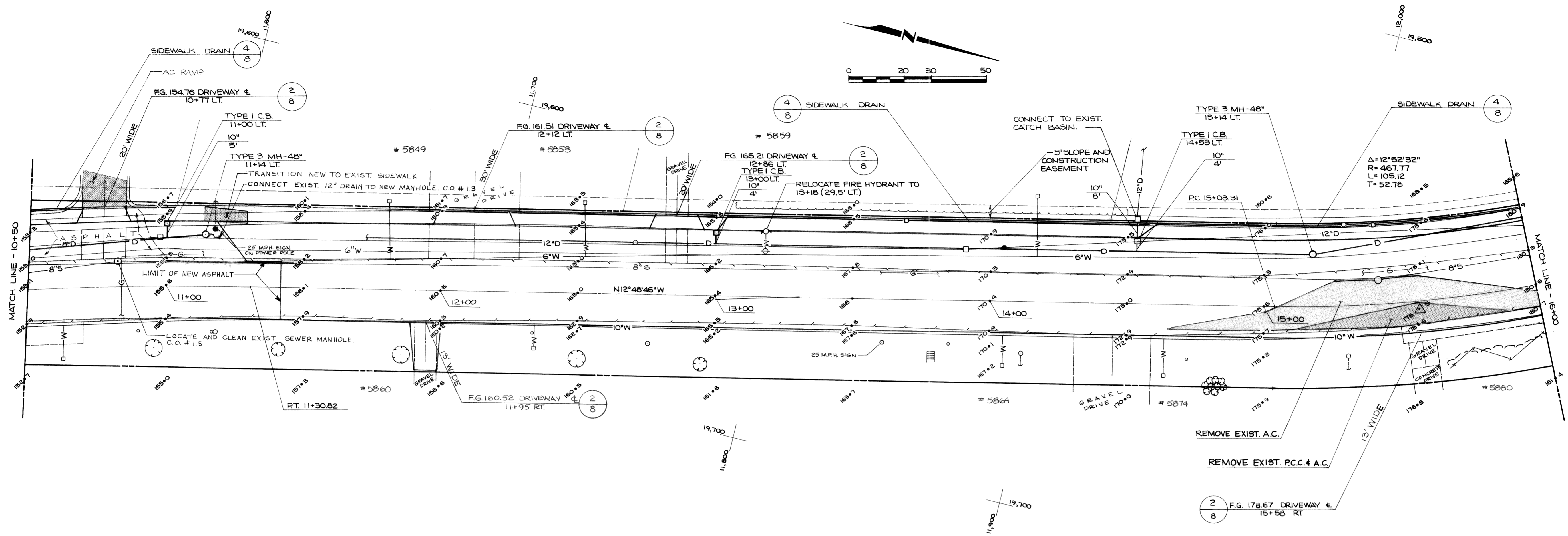
**WEDEN ENGINEERING**  
ENGINEERING AND LAND SURVEYING  
BELLINGHAM, WASHINGTON 671-8200, 354-3723



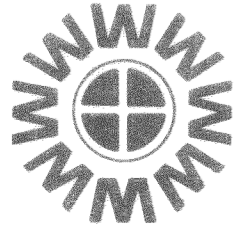
DESIGNED BY: B.M.G.  
DRAWN BY: J.E.W.  
CHECKED BY: C.R.P.

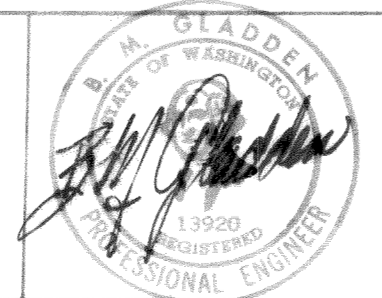
CITY OF FERDALE  
**VISTA DRIVE ROADWAY IMPROVEMENTS**  
UAB NO. 8-2-985-(03)  
**PLAN AND PROFILE 5+00 TO 10+50**

DATE	SHEET
APR. 87	4
SCALE	OF
AS SHOWN	11
JOB NO.	
86068	



RECORD DRAWING	BMG	1/24/88
NO.	REVISION	BY DATE


**WEDEN ENGINEERING**  
 ENGINEERING AND LAND SURVEYING  
 BELLINGHAM, WASHINGTON 671-8200, 354-3723



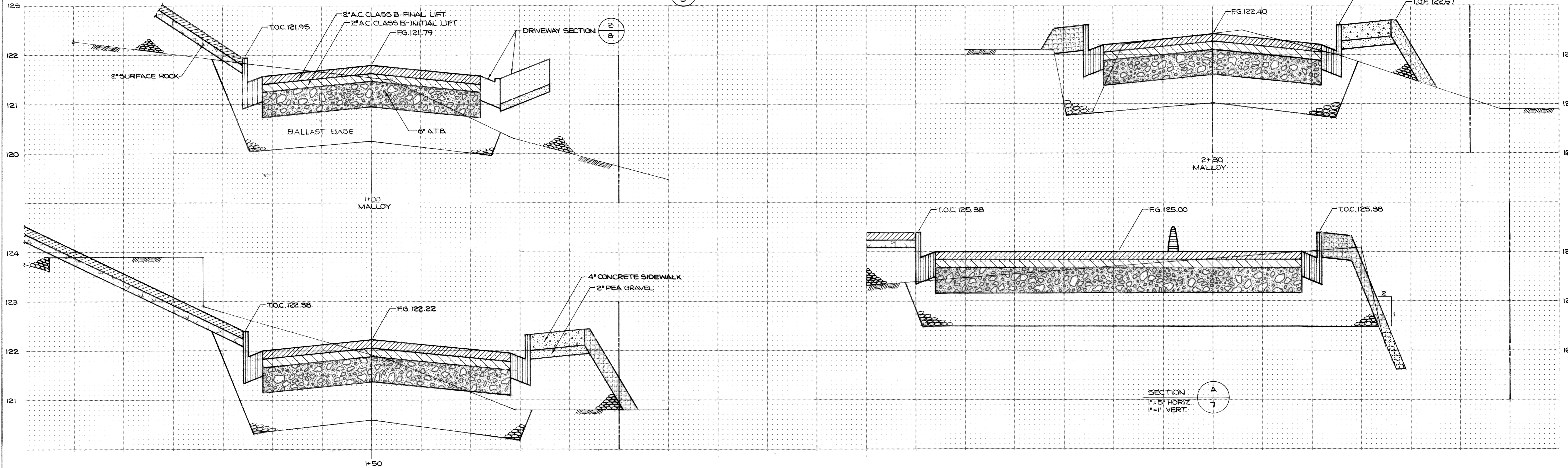
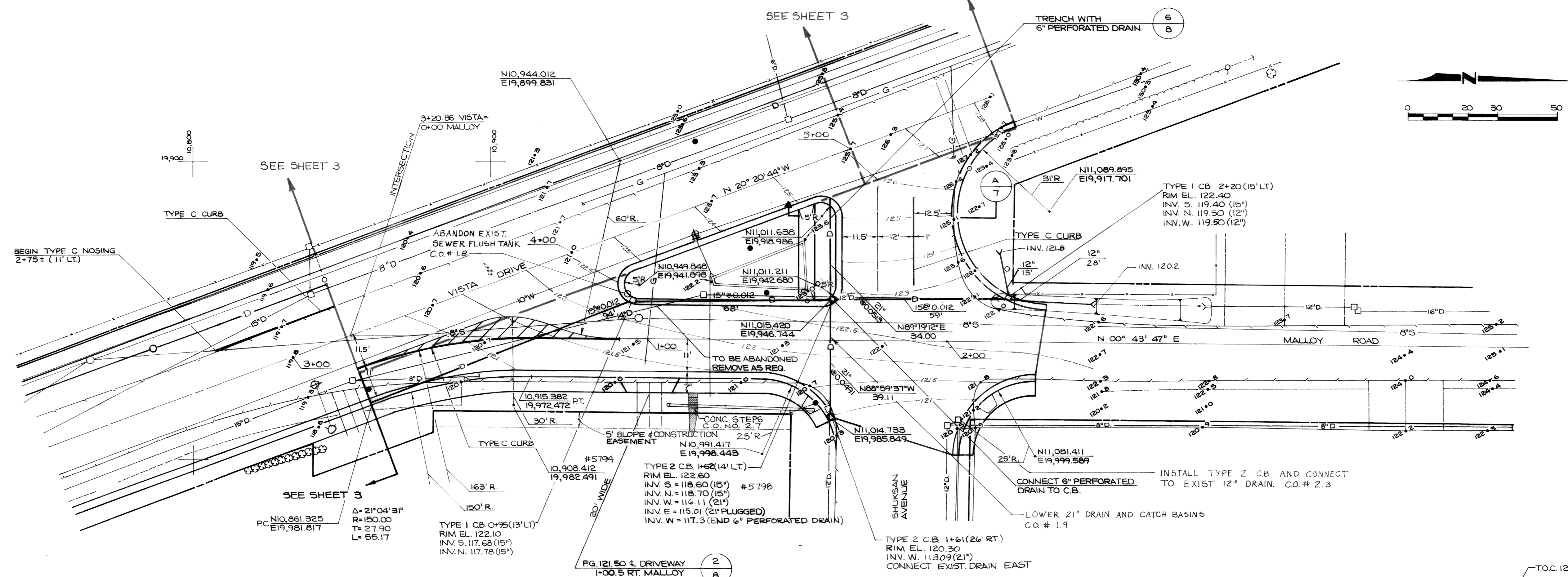
DESIGNED BY BMG  
 DRAWN BY J.E.W.  
 CHECKED BY C.R.P.

CITY OF FERNDALE  
**VISTA DRIVE ROADWAY IMPROVEMENTS**  
 UAB NO. 8-2-985-(03)  
**PLAN AND PROFILE 10+50 TO 16+00**

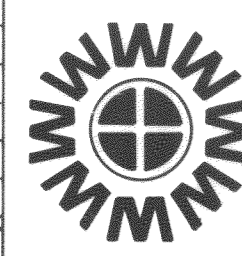
DATE	SHEET
APR 87	5
SCALE	OF
AS SHOWN	11
JOB NO.	
86068	

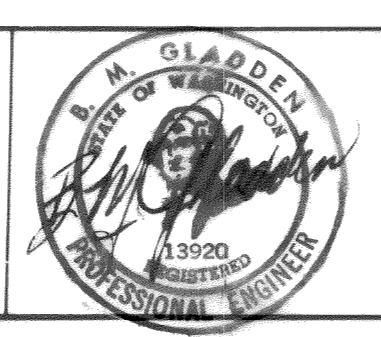
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20187.006 8 & 06 K.F.



RECORD DRAWINGS	BMG	1/26/86
NO.	REVISION	BY DATE

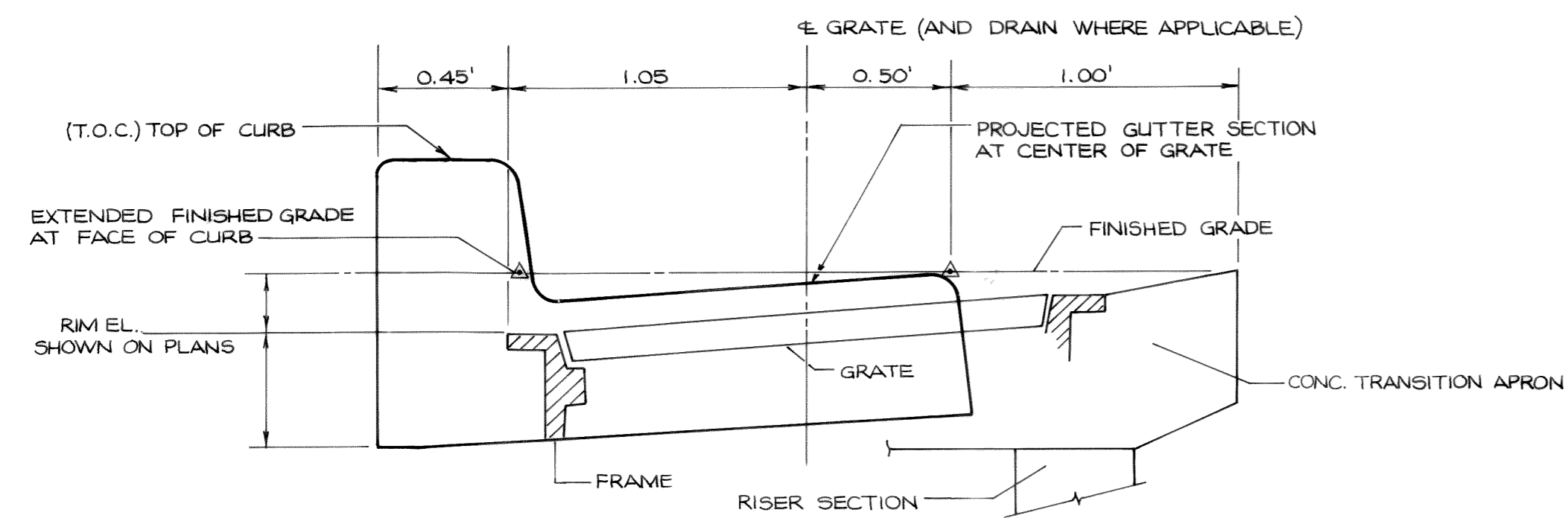

**WEDEN ENGINEERING**  
 ENGINEERING AND LAND SURVEYING  
 BELLINGHAM, WASHINGTON 671-8200, 354-3723



DESIGNED BY	BMG
DRAWN BY	J.E.W.
CHECKED BY	C.R.P.

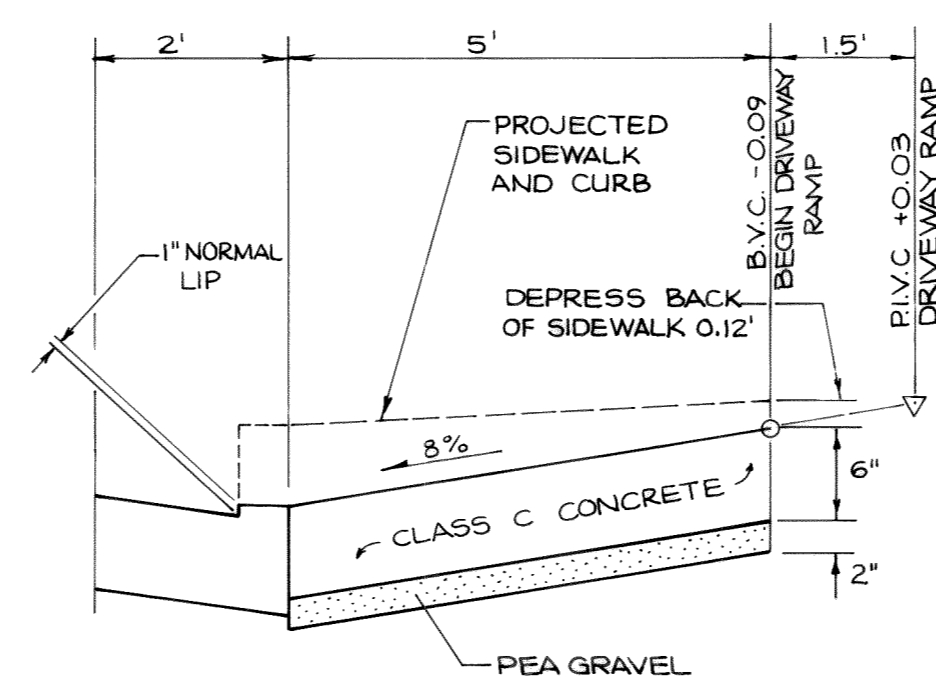
CITY OF FERDALE  
**VISTA DRIVE ROADWAY IMPROVEMENTS**  
 UAB NO. 8-2-985-(03)  
**SHUKSAN - MALLOY INTERSECTION**

DATE	APR. 87	SHEET	6
SCALE	1"=20'	OF	11
JOB NO.	86068		

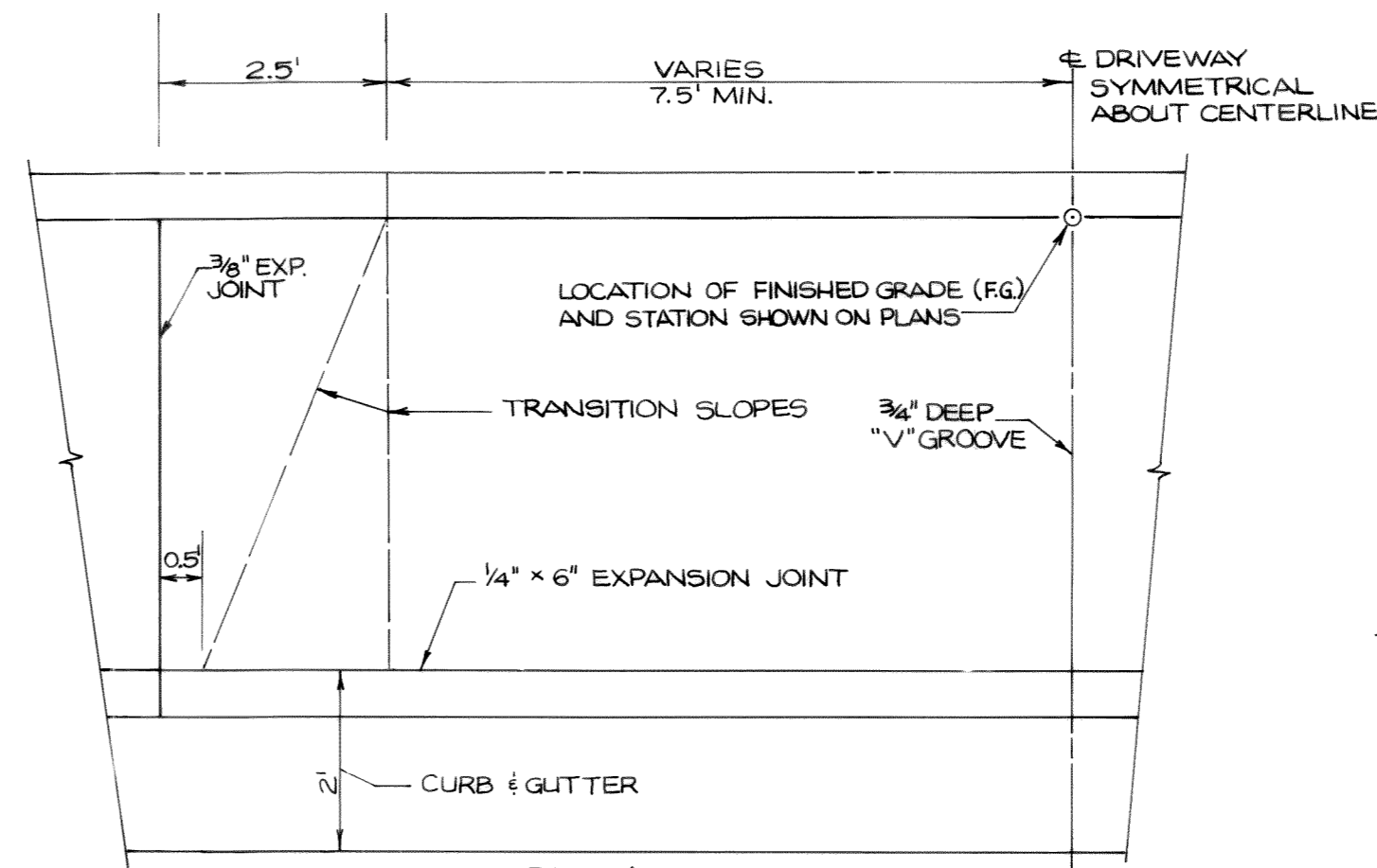


TYPICAL CURB INLET & TRANSITION APRON

DETAIL 1  
1" = 0.5' VAR

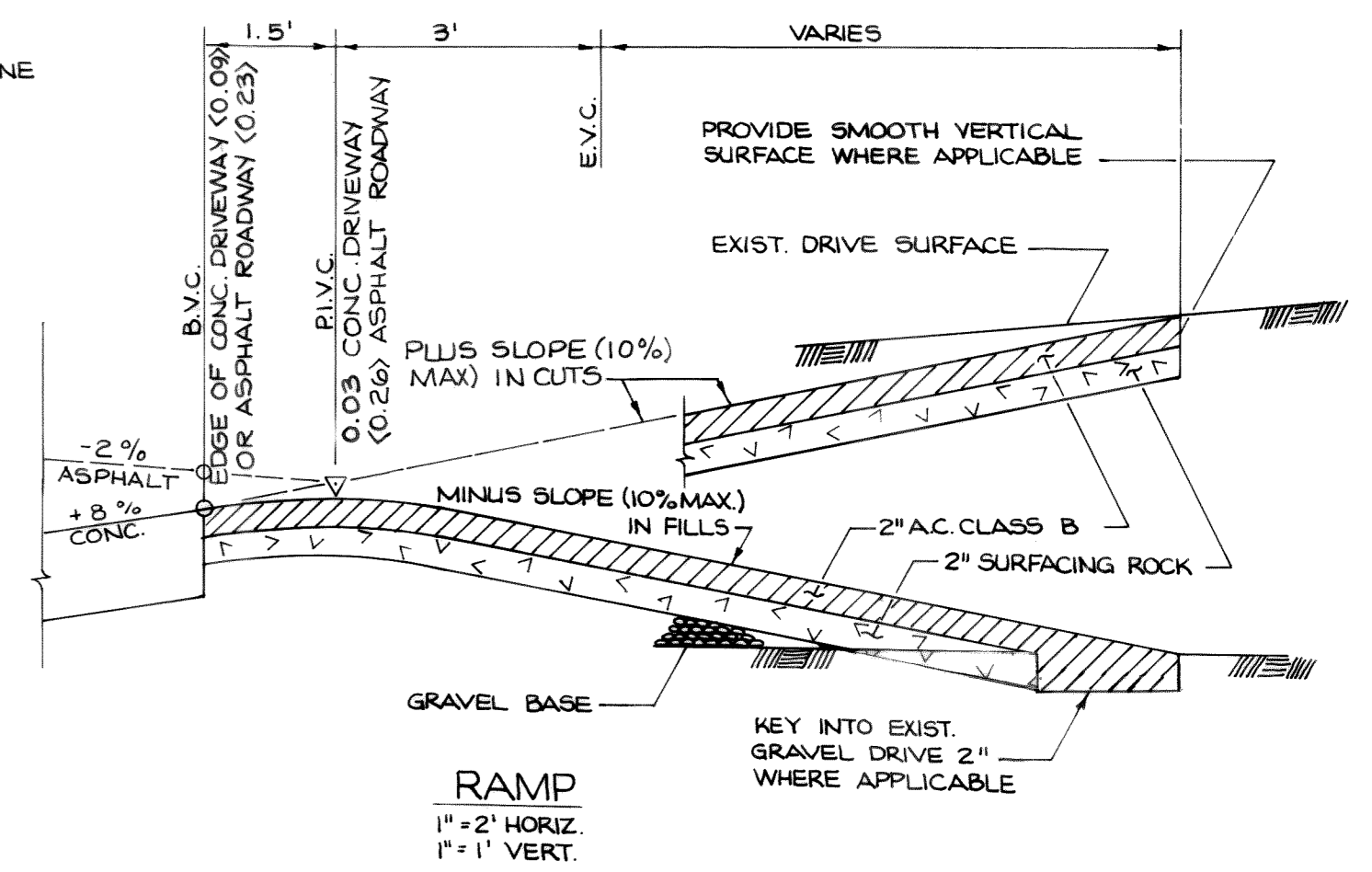


SECTION  
1" = 2' HORIZ.  
1" = 1' VERT.

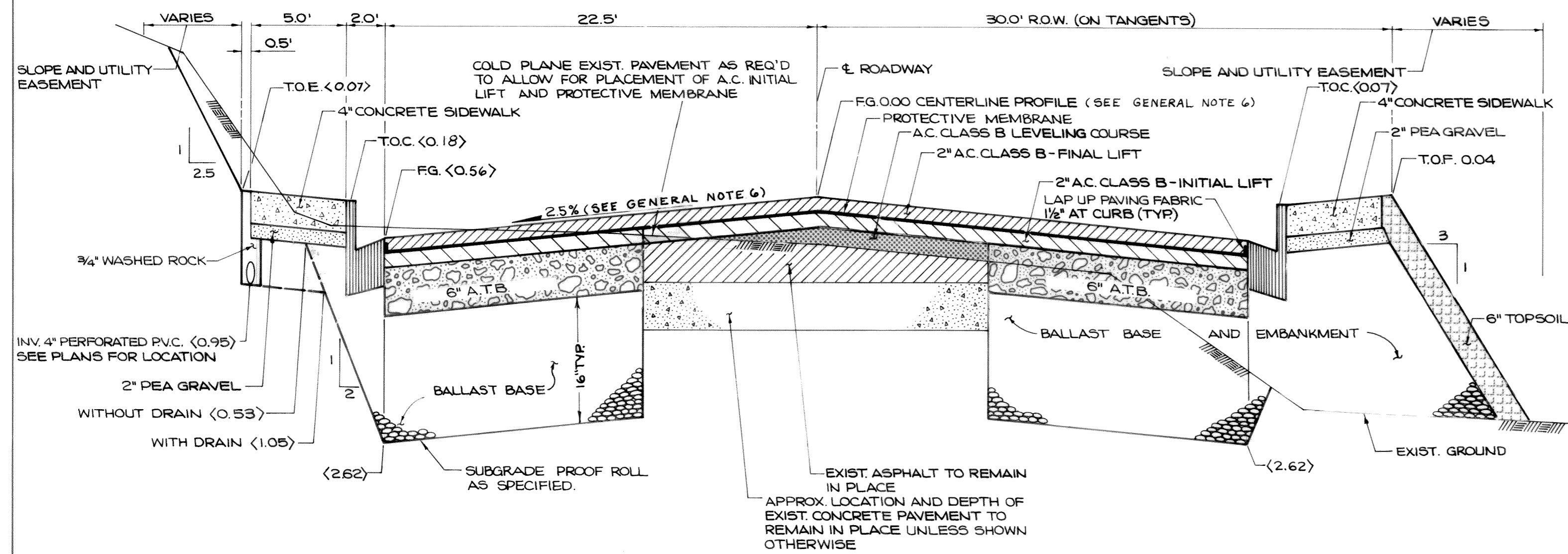


TYPICAL DRIVEWAY

DETAIL 2  
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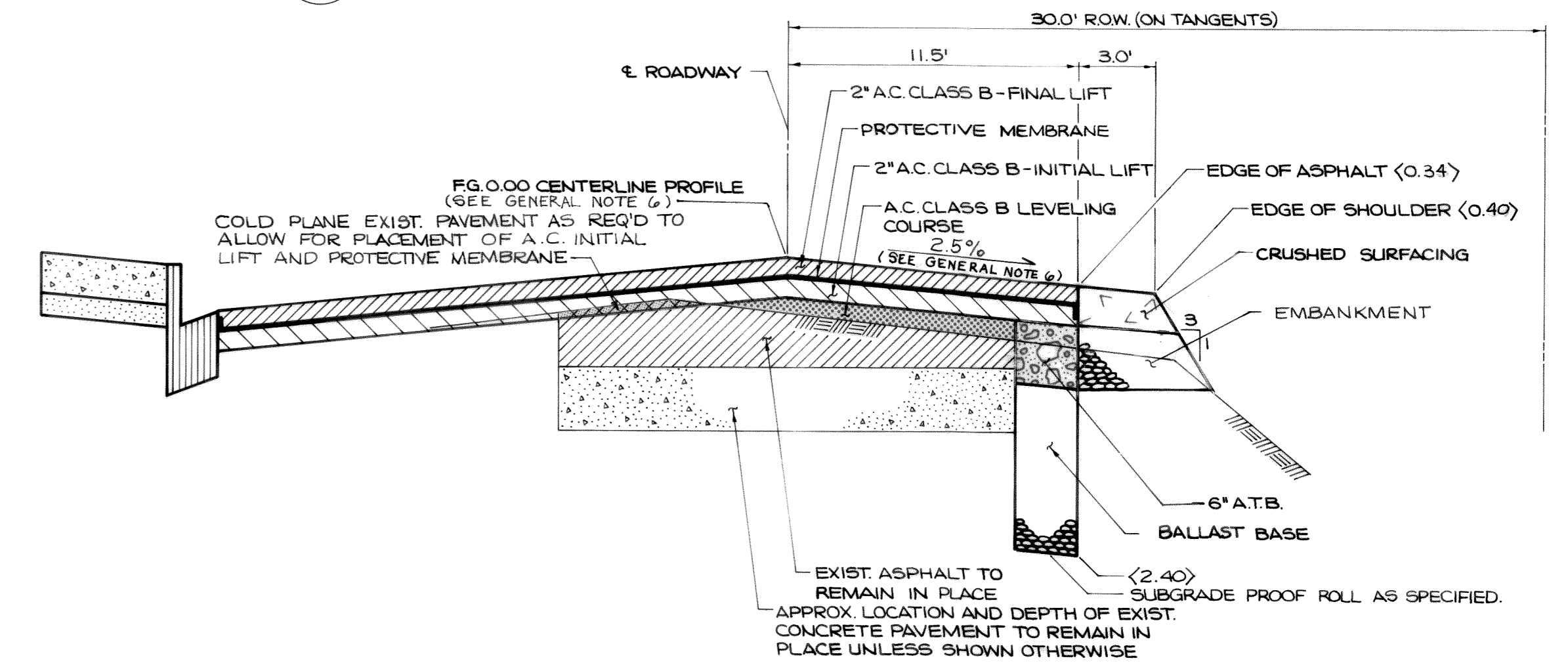


RAMP  
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1" = 1' VERT.

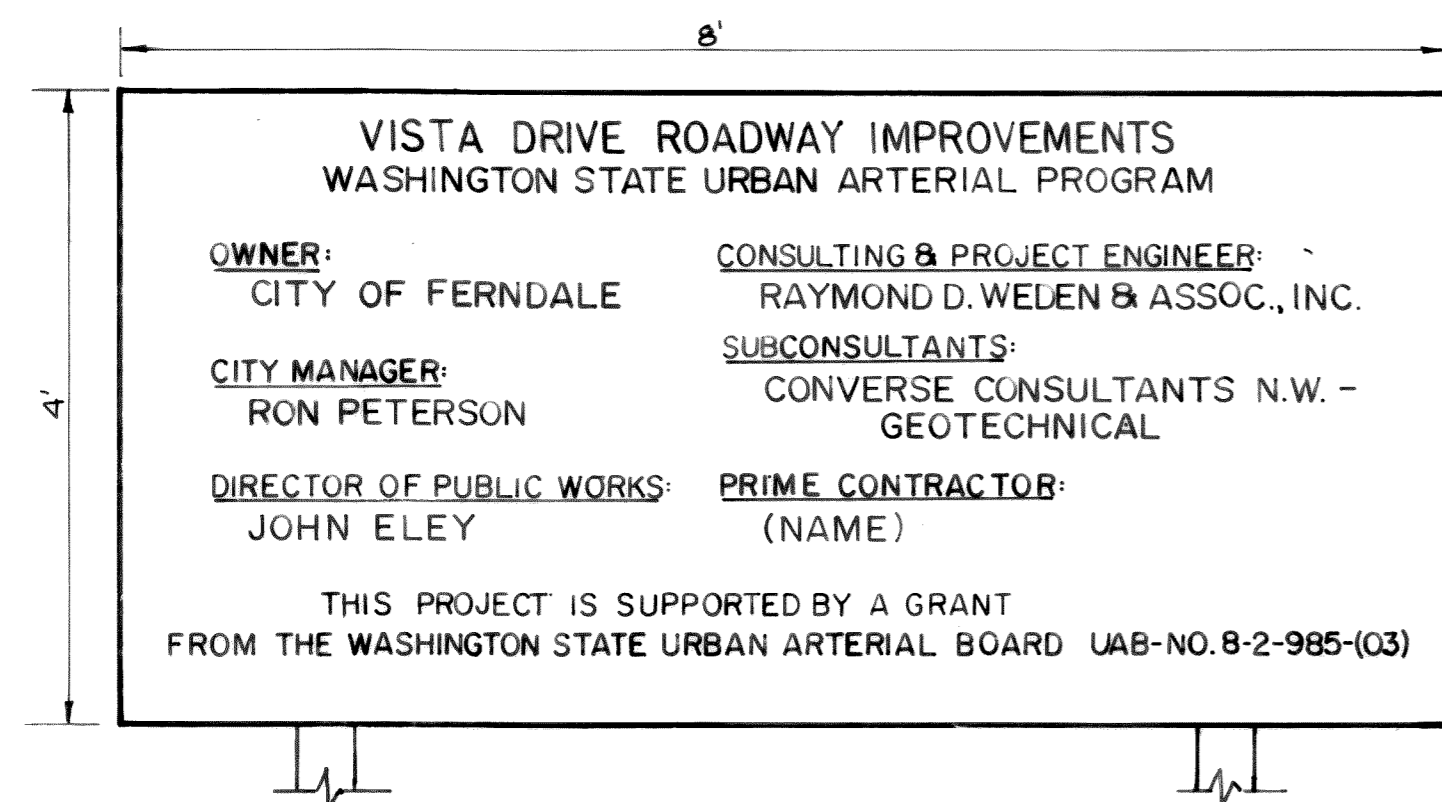


TYPICAL ROADWAY SECTION

DETAIL 4  
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1" = 1' VERT.

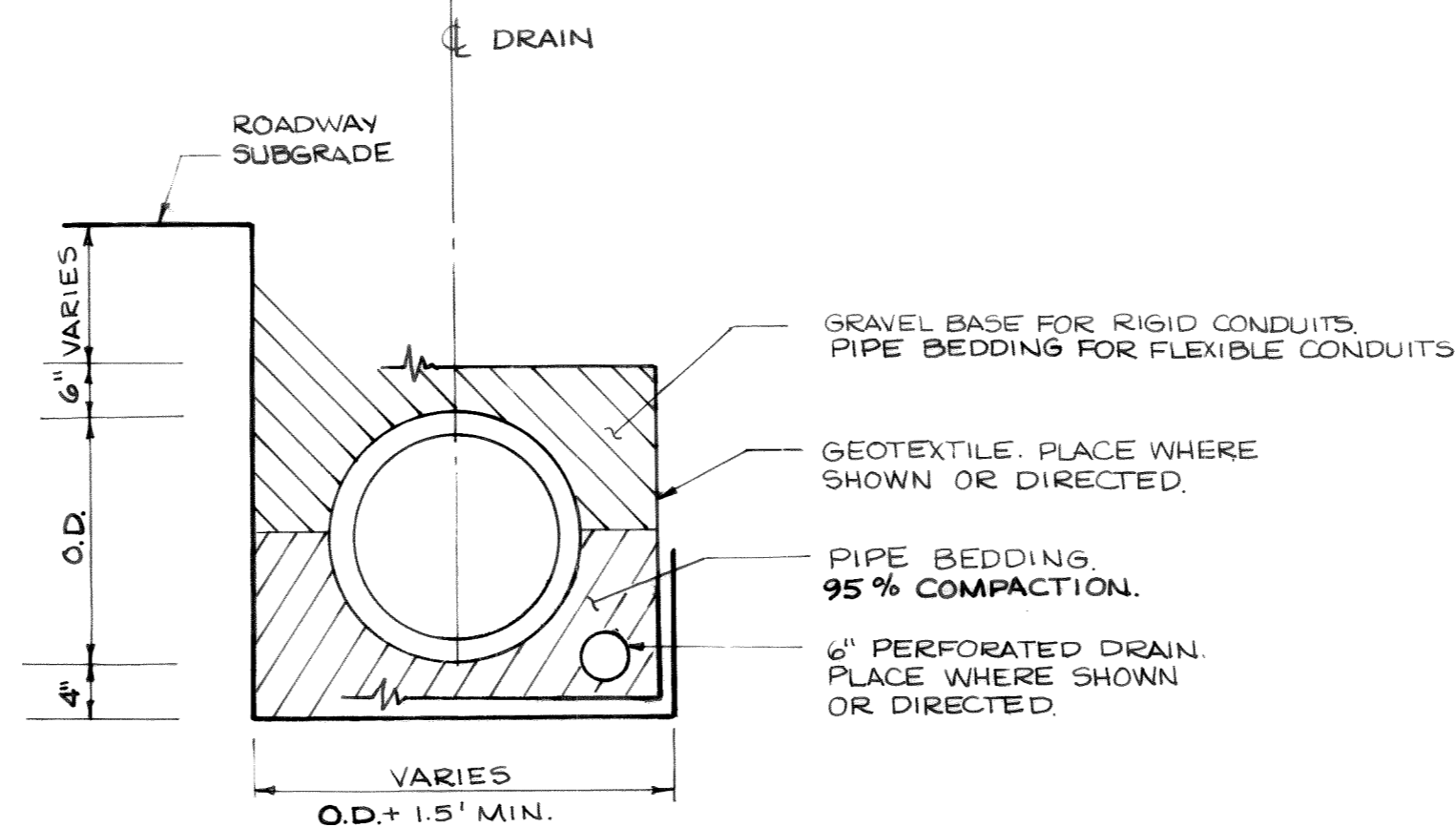


PARTIAL



PROJECT CONSTRUCTION SIGN

DETAIL 5  
N.T.S. VAR

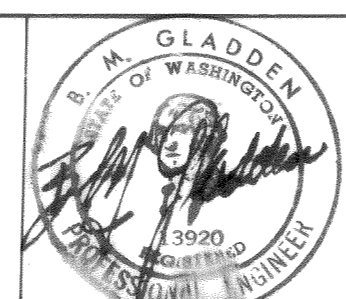


TYPICAL TRENCH BACKFILL

DETAIL 6  
VAR

RECORD DRAWINGS	B.M.G.	1/26/88
NO.	REVISION	BY DATE

**WEDEN ENGINEERING**  
ENGINEERING AND LAND SURVEYING  
BELLINGHAM, WASHINGTON 671-8200, 354-3723



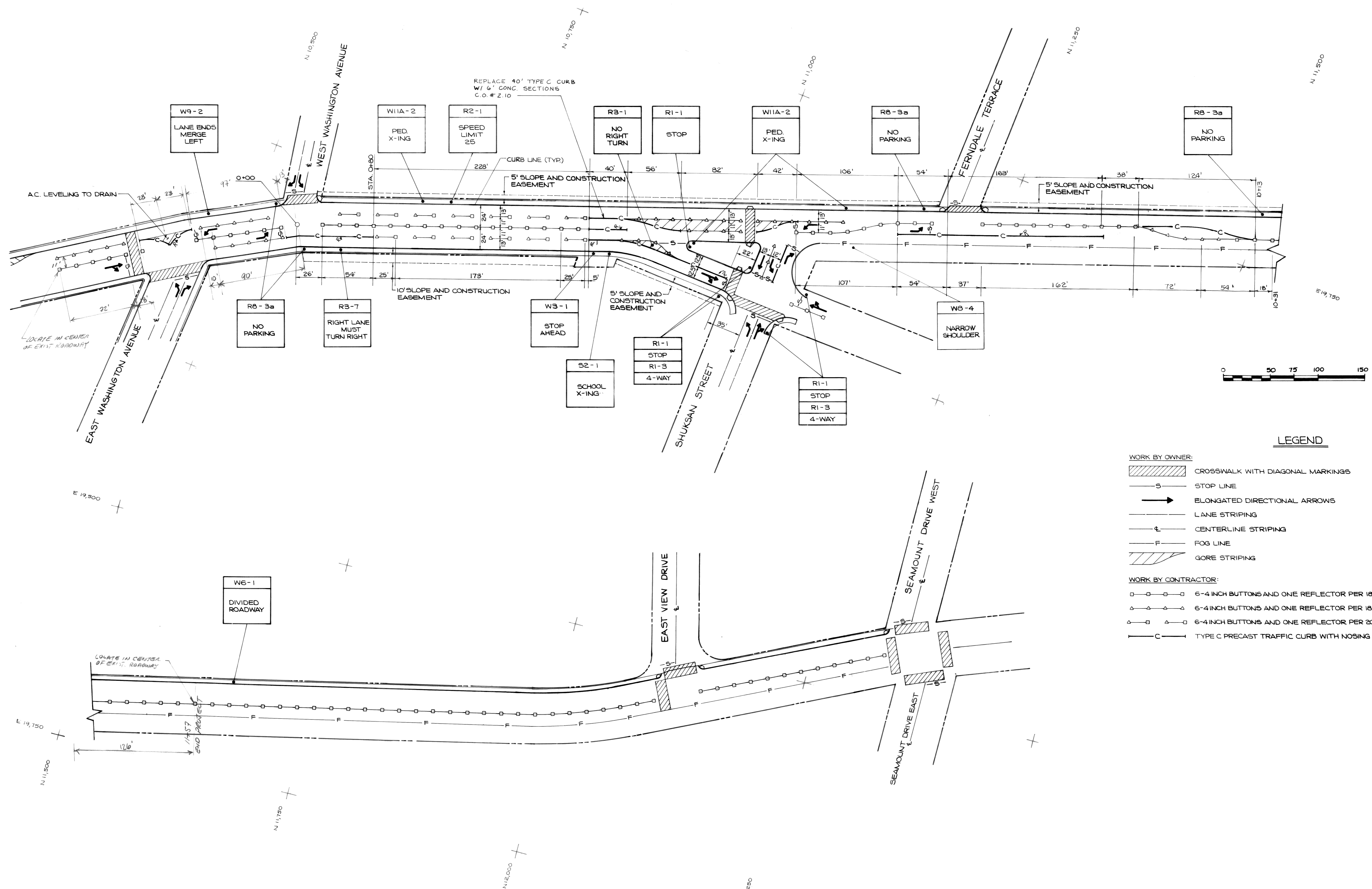
DESIGNED BY	B.M.G.
DRAWN BY	J.H.A.
CHECKED BY	C.R.P.

CITY OF FERNDAL  
VISTA DRIVE ROADWAY IMPROVEMENTS  
UAB NO. 8-2-985-(03)  
TYPICAL DETAILS

DATE	SHEET
APR. 87	7
SCALE	OF
AS SHOWN	11
JOB NO.	
86065	

00187.007.2-8-06 HK

00187.008 2-R-06.kc

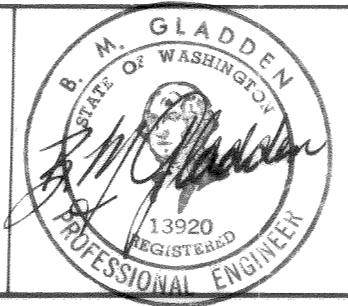


**LEGEND**

- WORK BY OWNER:**
- CROSSWALK WITH DIAGONAL MARKINGS
  - STOP LINE
  - ELONGATED DIRECTIONAL ARROWS
  - LANE STRIPING
  - CENTERLINE STRIPING
  - FOG LINE
  - GORE STRIPING
- WORK BY CONTRACTOR:**
- 6-4 INCH BUTTONS AND ONE REFLECTOR PER 18 FEET (DOUBLE LINE)
  - 6-4 INCH BUTTONS AND ONE REFLECTOR PER 18 FEET (SINGLE LINE)
  - 6-4 INCH BUTTONS AND ONE REFLECTOR PER 20 FEET (WITH 20' GAP)
  - TYPE C PRECAST TRAFFIC CURB WITH NOSING

△	DIMENSIONING ADDED	D.S.C.	11-9-97
△	RECORD DRAWINGS	B.M.G.	11/26/98
NO.	REVISION	BY	DATE

**WEDEN ENGINEERING**  
 ENGINEERING AND LAND SURVEYING  
 BELLINGHAM, WASHINGTON 671-8200, 354-3723

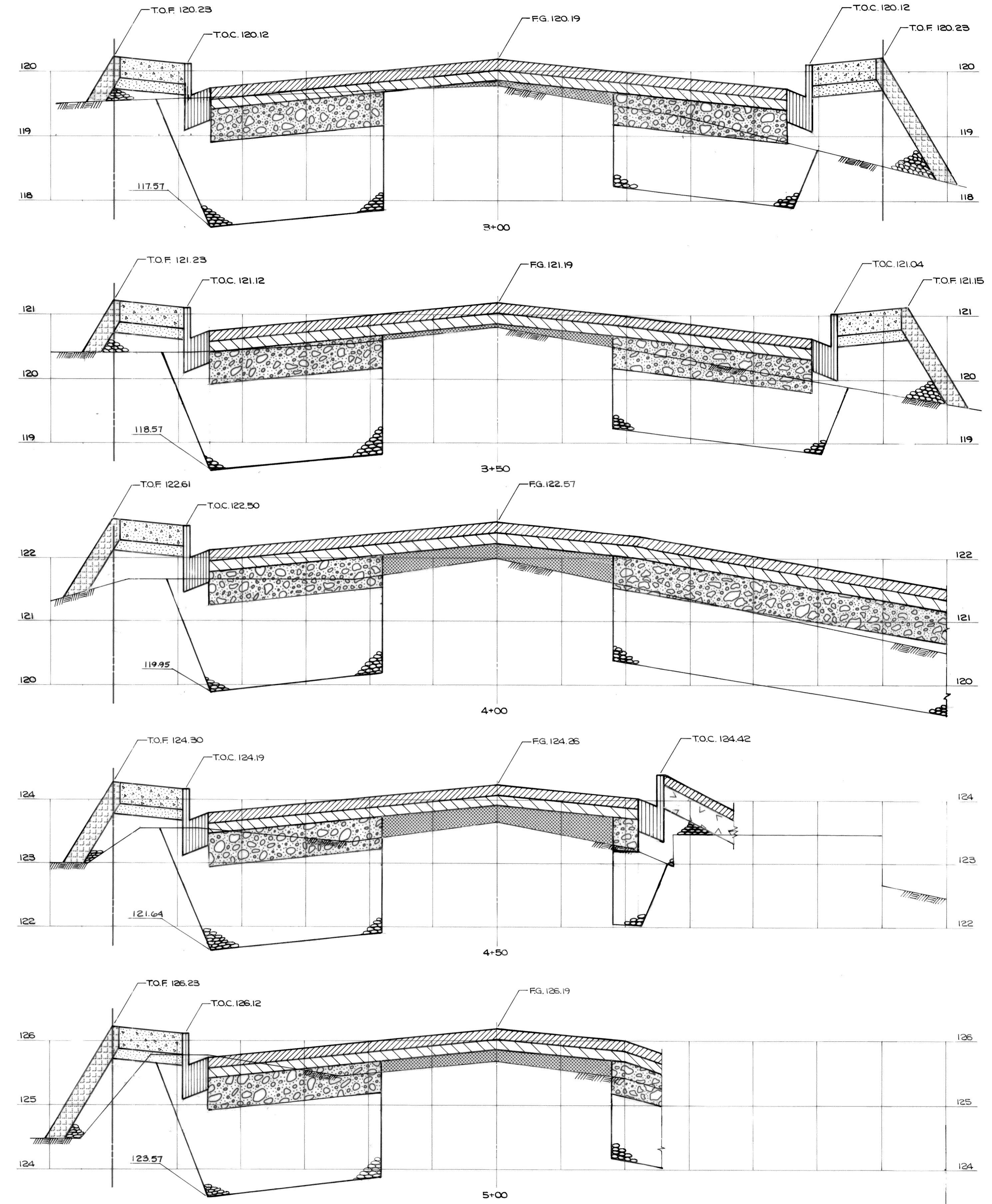
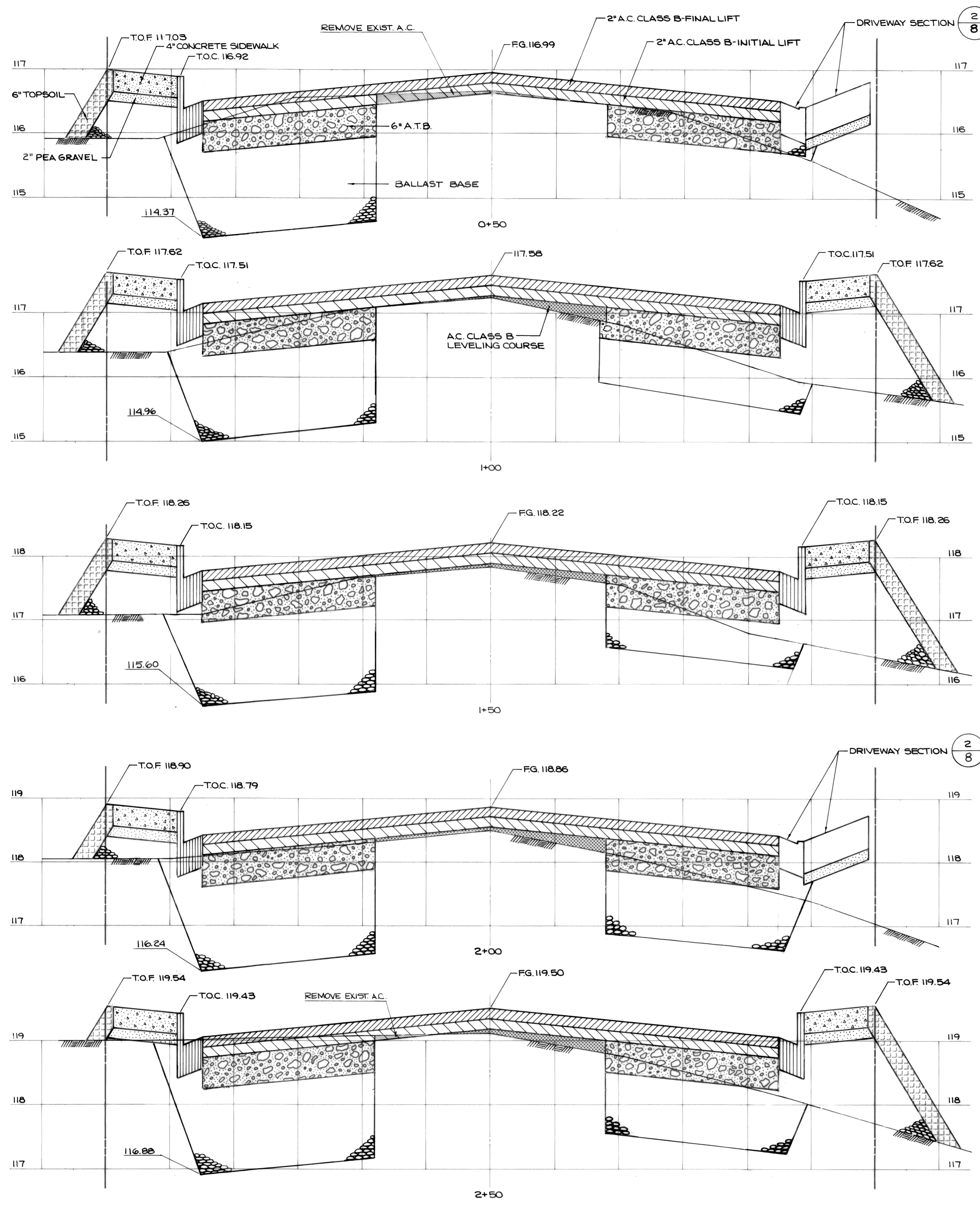


B.M.G.  
 DESIGNED BY  
 J.H.A.  
 DRAWN BY  
 C.R.P.  
 CHECKED BY

CITY OF FERDALE  
**VISTA DRIVE ROADWAY IMPROVEMENTS**  
 UAB NO. 8-2-985-(03)  
**ROADWAY MARKING AND SIGNING**

DATE	SHEET
APRIL '97	8
SCALE	OF
1" = 50'	11
JOB NO.	
86068	

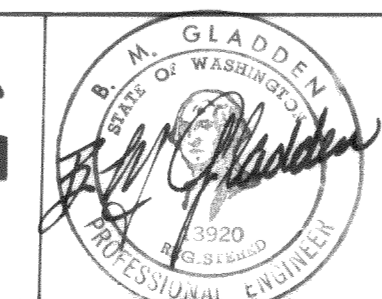




00187109 R.Y. 06 XL

RECORD DRAWINGS	BMG	1/26/86
NO.	REVISION	BY DATE

**WEDEN ENGINEERING**  
 ENGINEERING AND LAND SURVEYING  
 BELLINGHAM, WASHINGTON 671-8200, 354-3723

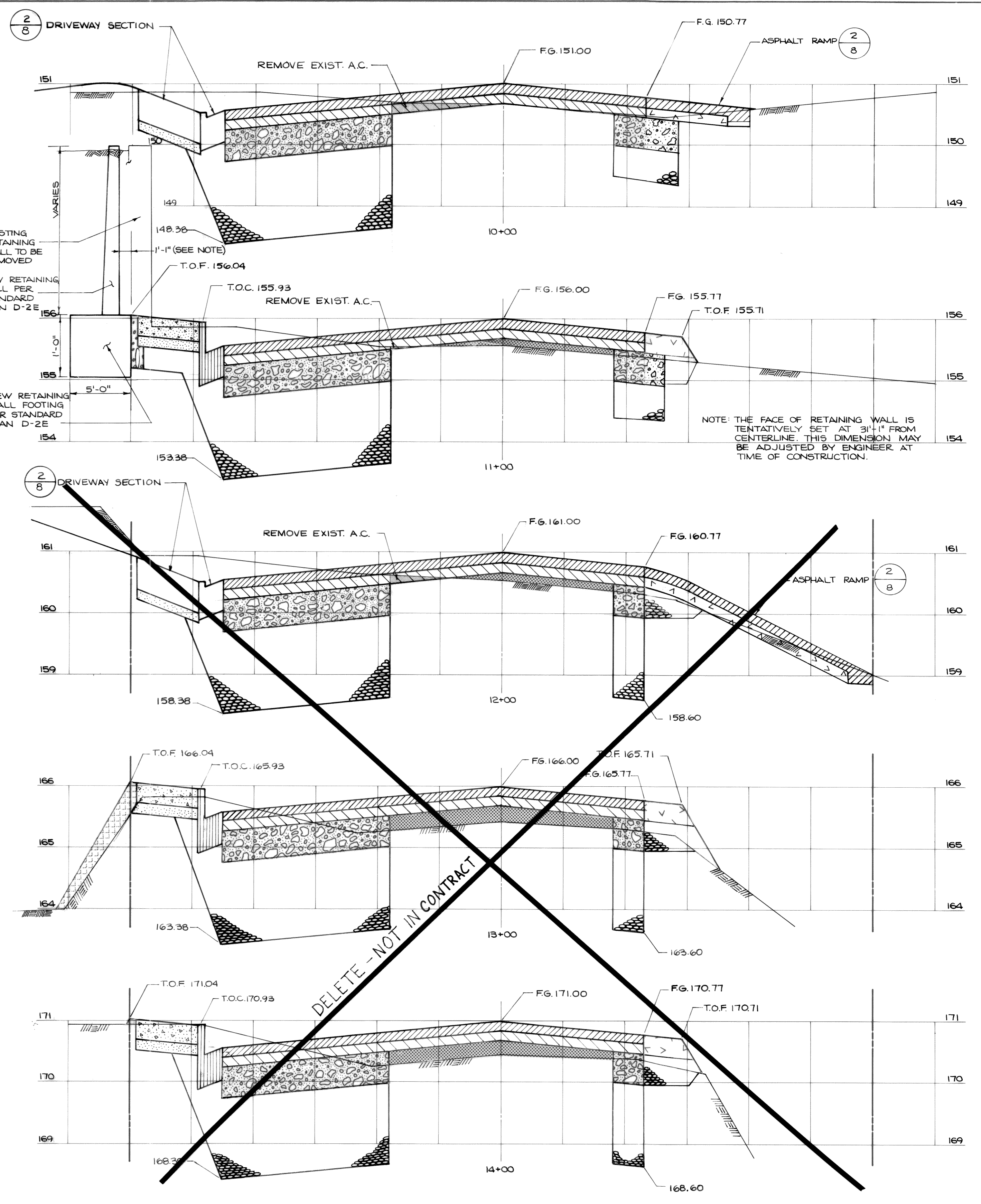
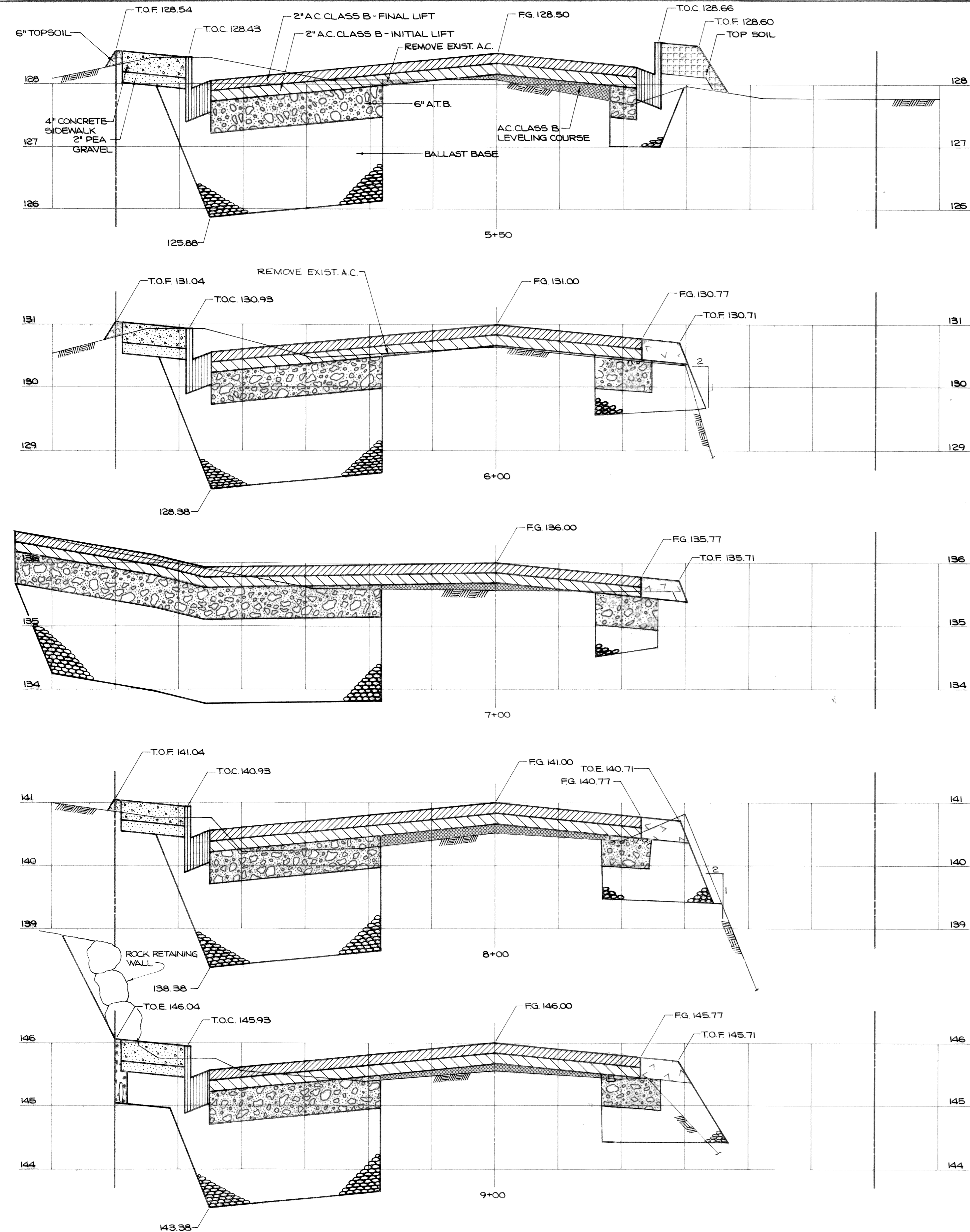


DESIGNED BY: **B.M.G.**  
 DRAWN BY: **J.E.W.**  
 CHECKED BY: **C.R.P.**

CITY OF FERDALE  
 VISTA DRIVE ROADWAY IMPROVEMENTS  
 UAB NO. 8-2-985-(03)  
 CROSS SECTIONS STA. 0+00 TO STA. 5+00

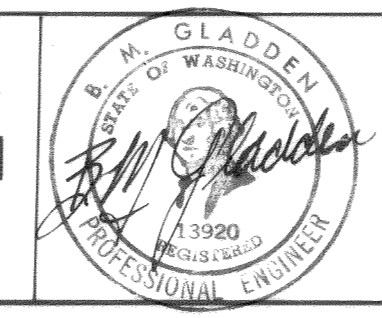
DATE	SHEET
APR. 87	9
SCALE	OF
1" = 5' HORIZ.	11
1" = 1' VERT.	
JOB NO.	
86068	

CO 187.010 2-8-06 K/LZ



RECORD DRAWINGS		B.M.G.	1/26/88
NO.	REVISION	BY	DATE

**WEDEN ENGINEERING**  
 ENGINEERING AND LAND SURVEYING  
 BELLINGHAM, WASHINGTON 671-8200, 354-3723

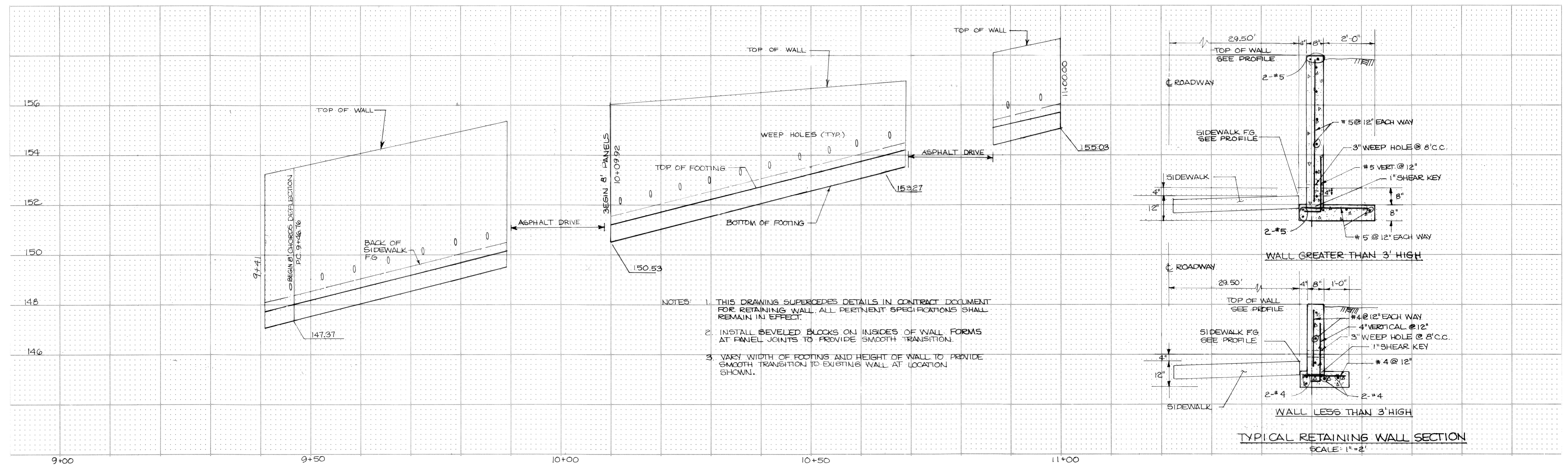
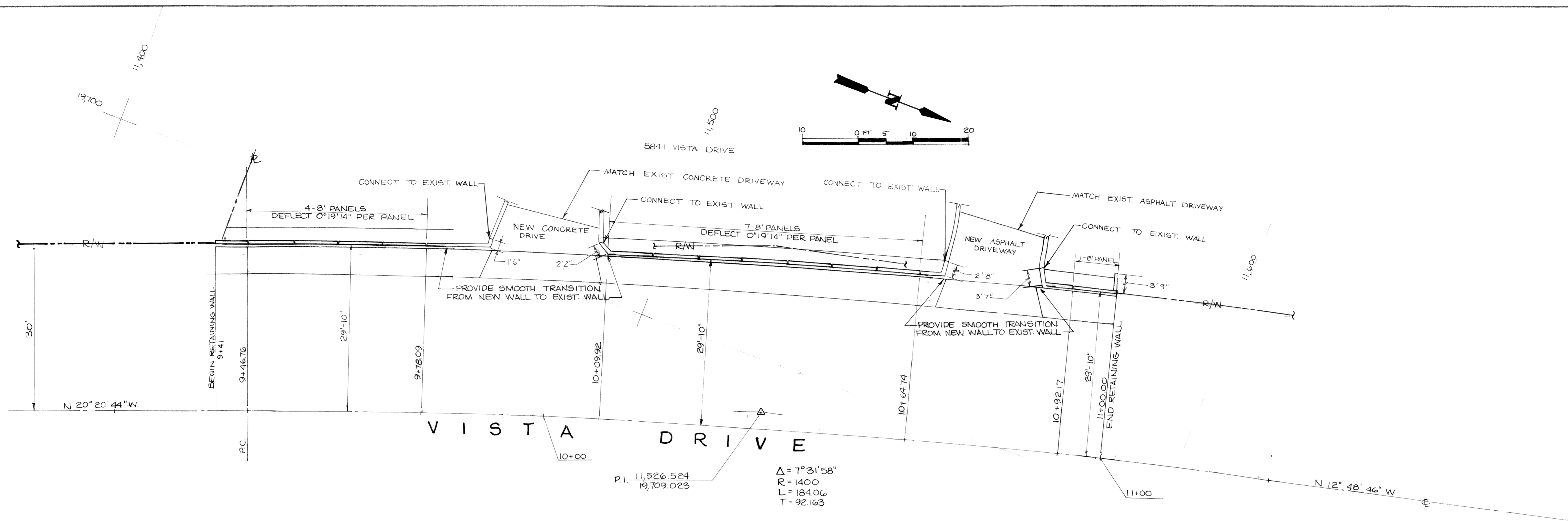


DESIGNED BY B.M.G.  
 DRAWN BY J.E.W.  
 CHECKED BY C.R.P.

CITY OF FERDALE  
**VISTA DRIVE ROADWAY IMPROVEMENTS**  
 UAB NO. 8-2-985-(03)  
 CROSS SECTIONS STA. 5+50 TO STA. 14+00

DATE	SHEET
APR. 87	10
SCALE	OF
1" = 5' HORIZ.	11
1" = 1' VERT.	
JOB NO.	
86068	

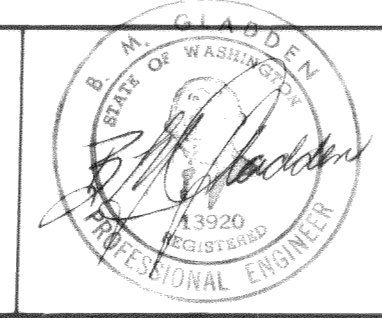
00187.011 28-06 YK



- NOTES:
1. THIS DRAWING SUPERCEDES DETAILS IN CONTRACT DOCUMENT FOR RETAINING WALL. ALL PERTINENT SPECIFICATIONS SHALL REMAIN IN EFFECT.
  2. INSTALL BEVELED BLOCKS ON INSIDES OF WALL FORMS AT PANEL JOINTS TO PROVIDE SMOOTH TRANSITION.
  3. VARY WIDTH OF FOOTING AND HEIGHT OF WALL TO PROVIDE SMOOTH TRANSITION TO EXISTING WALL AT LOCATION SHOWN.

RECORD DRAWINGS	BMG	11/24/88
NO.	REVISION	BY DATE

**WEDEN ENGINEERING**  
 ENGINEERING AND LAND SURVEYING  
 BELLINGHAM, WASHINGTON 671-8200, 354-3723



DESIGNED BY: B.M.G.  
 DRAWN BY: J.H.A.  
 CHECKED BY: B.M.G.

CITY OF FERDALE  
 VISTA DRIVE ROADWAY IMPROVEMENTS  
 UAB NO. 8-2-985-(03)  
 RETAINING WALL - CHANGE ORDER NO. 2

DATE	SHEET
OCT. '87	11
SCALE	OF
AS SHOWN	
JOB NO.	11
86068	