



مهندسان مشاور طرح گارنو



Garnault  
Consulting Engineers

شرکت توسعه، عمران و مدیریت منطقه کل گهر

## مطالعات مرحله دوم تقاطع های غیر همسطح شبکه ریلی (نقشه های اجرایی مسیر تقاطع)





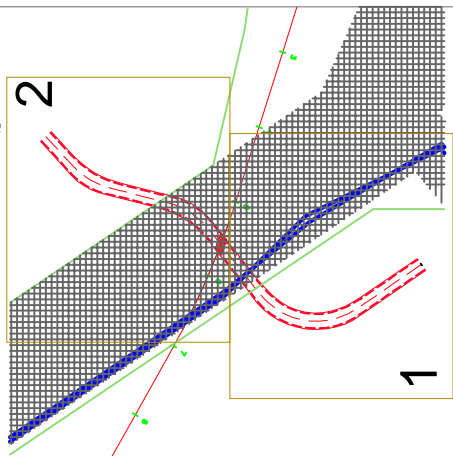
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



- محدوده گردودر تاسیسات
- مسیر لوله آب و پساب
- مرز سایت
- مسیر ریل راه آهن

DESCRIPTION	DRAWN	DESC.	CHKD.	APP.	DATE

شرکت توسعه عمران و مدیریت منطقه گل گهر

DESIGN & MC CONSULTANT :  
 مهندسین مشاور طرح کارنو

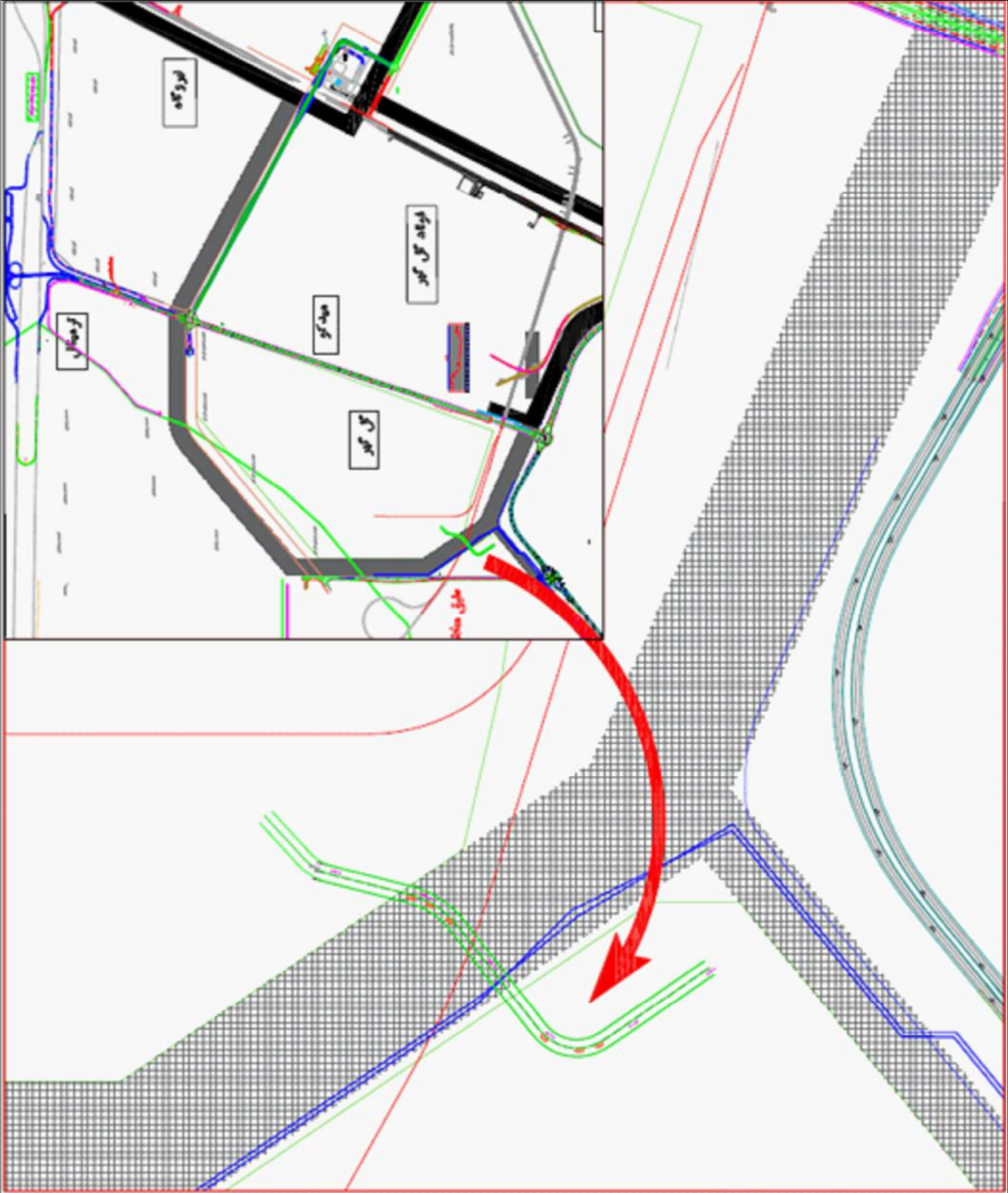
PROJECT :  
 قاطع شبکه ریلی و مسیر دسترسی به سایت استخر

مسیر قاطع شیر دهنسلاج  
 پلان راهنما

DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
98/10/05	1:1000	SABOOSALAMI	A.DAVAR	ALTAHERZADE	M.SAMADANI

NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED  
 CLIENT DRAWING NUMBER :  
 GEN. TOL :  
 UNIT : m

DRAWING NUMBER :  
 9804-P2-CV-STR-00  
 SHEET : 01-04  
 REV. 000





**GENERAL NOTES**

**HOLD ITEMS**

**REFERENCE DRAWINGS**

**LEGEND & SYMBOLS**

**KEY PLAN**

مستطوره گريدور تاسيسات  
 همسر لوله آب و پساب  
 مرز سيارت  
 همسر ريل راه آهن

شرکت توسعه عمران و هادريت منطقه گل گهر  
 DESIGN & MC CONSULTANT :  
 مهندسین مشاور طرح کارو  
 PROJECT :  
 قنات شيبه ريگی و همسر دسترسي به سيارت استنگر  
 همسر قنات شيبه ريگی

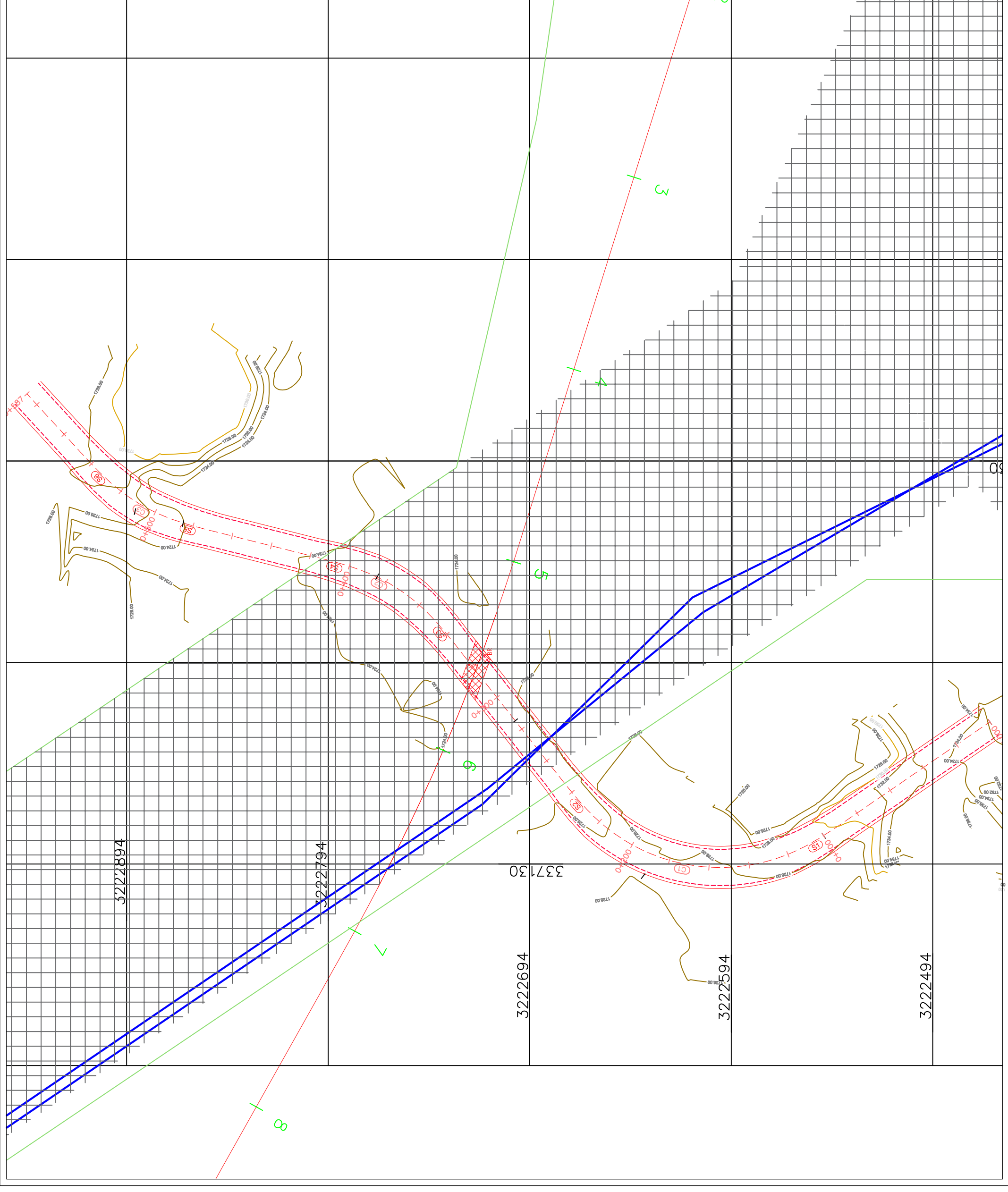
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98/10/05	1:1000	S.ABOOSALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED

GEN. TOL. :      DTL. REQUIRED :      UNIT : m

CLIENT DRAWING NUMBER :      DRAWING NUMBER

PATH :      FILE NAME :      9804-P2-CV-STR-00      SHEET : 02-04      REV. 000



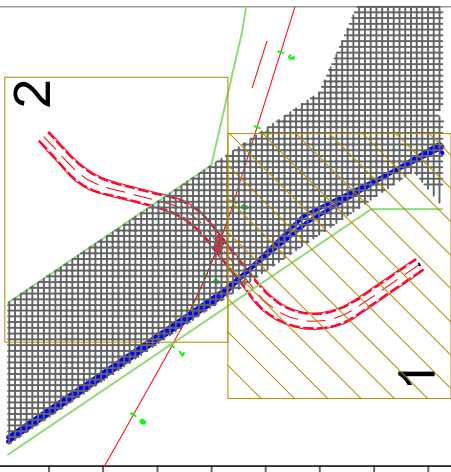
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



- مستطوطه گردن دور تاسیسات
- هسیور لوله آب و پساب
- میز ساریت
- هسیور ریل راه آهن

DESCRIPTION	DRAWN	DESC.	CHKD.	APP.	DATE

شرکت توسعه عمران و مدیریت منطقه گل گهر

DESIGN & MC CONSULTANT :  
مهندسین مشاور طرح کارلو

PROJECT :  
قنات شیخه ریگی و هسیور دسترسی به ساریت استنکر

هسیور قنات شیخه ریگی

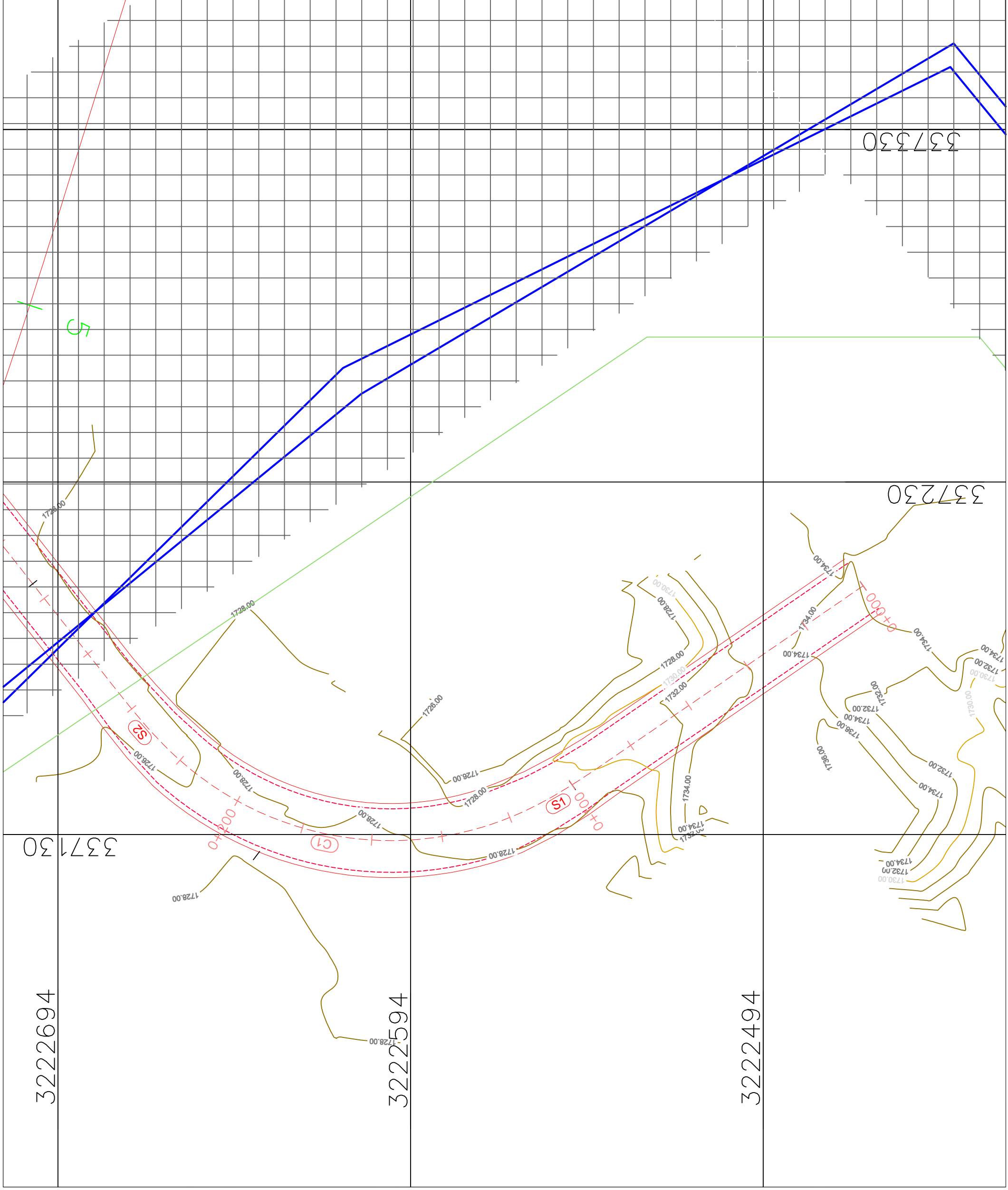
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98/10/05	1:1000	S.ABOCOSLAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED

CLIENT DRAWING NUMBER :  
DRAWING NUMBER

FILE NAME :  
9804-P2-CV-STR-00

SHEET : 03-04  
REV. 000

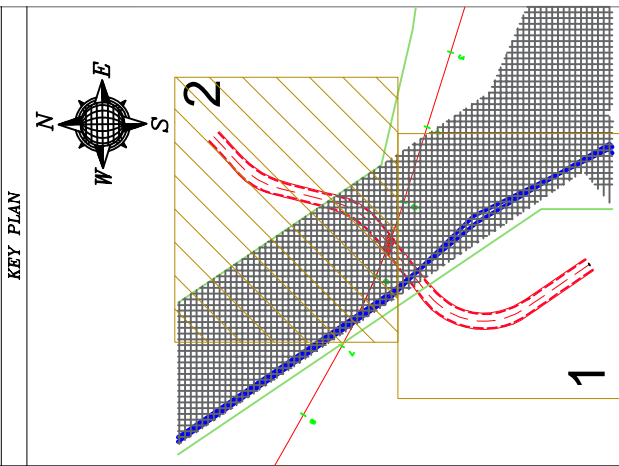


GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS



DESCRIPTION

DESIGN & MC CONSULTANT : مهندسین مشاور طرح کارو

PROJECT : قاشق شبکه ریلی و مسیر دسترسی به سایت استنکر

DATE

SCALE

1:1000

NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED

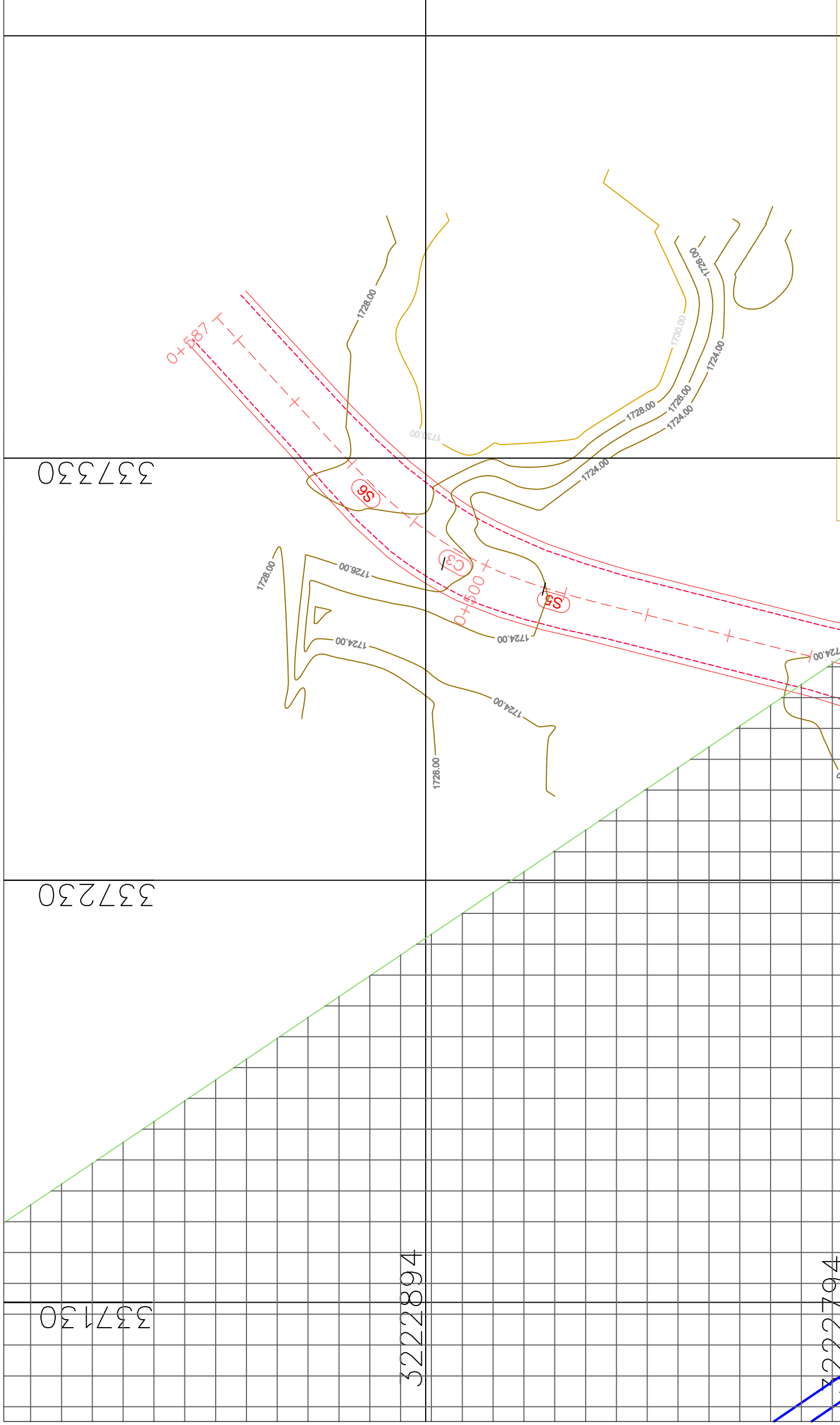
CLIENT DRAWING NUMBER :

UNIT : m

DRAWING NUMBER

9804-P2-CV-STR-00

SHEET : 04-04



staker

Number	Radius	Length	Start Station	End Station	Delta Angle
S1	INFINITY	30.00	0+085.40	0+085.40	9.5493
C1	90.00	105.42	0+115.40	0+115.40	67.1107
S2	90.00	30.00	0+220.82	0+220.82	9.5493
S3	INFINITY	30.00	0+328.97	0+328.97	9.5493
C2	90.00	29.06	0+358.97	0+358.97	18.4978
S4	90.00	30.00	0+388.03	0+388.03	9.5493
S5	INFINITY	30.00	0+467.70	0+467.70	9.5493
C3	90.00	22.29	0+497.70	0+497.70	14.1896
S6	90.00	30.00	0+519.99	0+519.99	9.5493

337130

337230

337330

3222794

3222894



پروفیل طولی

مهندسین مشاور گارنو

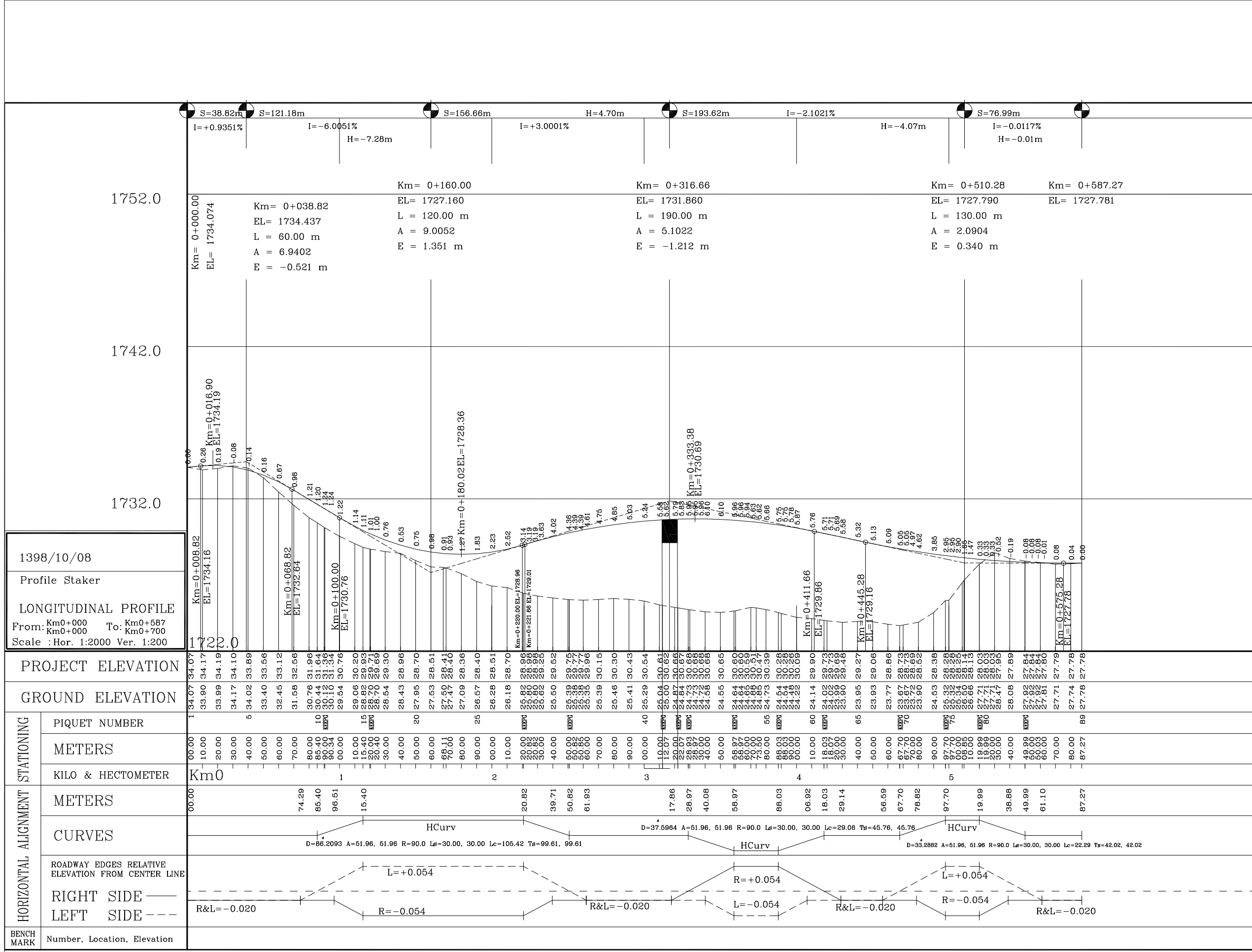
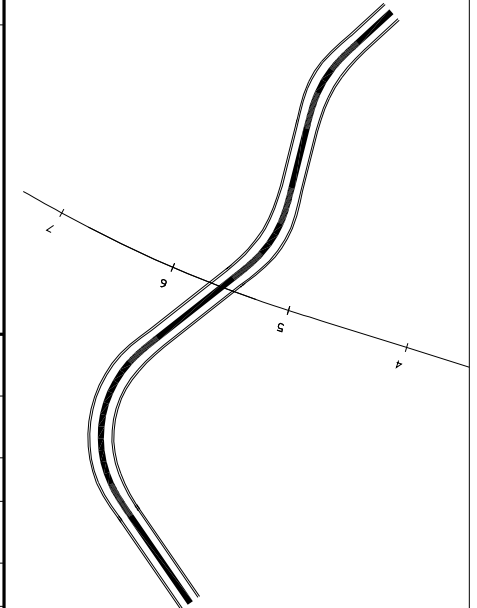
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



1398/10/08  
 Profile Staker  
**LONGITUDINAL PROFILE**  
 From: Km0+000 To: Km0+587  
 Scale : Hor. 1:2000 Ver. 1:200

STATIONING	PROJECT ELEVATION	GROUND ELEVATION
	1 34.07 34.07	33.90 34.17
10.00	33.99 34.19	
20.00	34.17 34.10	
30.00	34.02 33.89	
40.00	33.40 33.56	
50.00	32.45 33.12	
60.00	31.58 32.56	
70.00	30.76 31.96	
80.00	30.44 31.64	
90.00	30.12 31.36	
100.00	29.84 31.04	
110.00	29.56 30.76	
120.00	29.30 30.50	
130.00	29.06 30.20	
140.00	28.82 29.93	
150.00	28.70 29.71	
160.00	28.54 29.30	
170.00	28.43 28.96	
180.00	28.35 28.70	
190.00	27.53 28.51	
200.00	27.50 28.41	
210.00	27.47 28.40	
220.00	27.09 28.36	
230.00	26.57 28.40	
240.00	26.28 28.51	
250.00	26.18 28.70	
260.00	25.82 28.96	
270.00	25.80 28.96	
280.00	25.80 28.96	
290.00	25.50 29.52	
300.00	25.38 29.75	
310.00	25.38 29.75	
320.00	25.35 29.96	
330.00	25.35 29.96	
340.00	25.39 30.15	
350.00	25.46 30.30	
360.00	25.41 30.43	
370.00	25.29 30.54	
380.00	25.04 30.61	
390.00	24.82 30.62	
400.00	24.67 30.67	
410.00	24.54 30.67	
420.00	24.33 30.68	
430.00	24.15 30.68	
440.00	24.00 30.68	
450.00	24.55 30.65	
460.00	24.64 30.60	
470.00	24.66 30.60	
480.00	24.66 30.59	
490.00	24.59 30.47	
500.00	24.39 30.39	
510.00	24.24 30.39	
520.00	24.03 30.38	
530.00	23.82 30.38	
540.00	23.60 30.38	
550.00	23.39 30.38	
560.00	23.19 30.38	
570.00	23.00 30.38	
580.00	22.82 30.38	
590.00	22.66 30.38	
600.00	22.52 30.38	
610.00	22.40 30.38	
620.00	22.30 30.38	
630.00	22.22 30.38	
640.00	22.16 30.38	
650.00	22.11 30.38	
660.00	22.07 30.38	
670.00	22.04 30.38	
680.00	22.02 30.38	
690.00	22.01 30.38	
700.00	22.00 30.38	
710.00	21.99 30.38	
720.00	21.98 30.38	
730.00	21.97 30.38	
740.00	21.96 30.38	
750.00	21.95 30.38	
760.00	21.94 30.38	
770.00	21.93 30.38	
780.00	21.92 30.38	
790.00	21.91 30.38	
800.00	21.90 30.38	
810.00	21.89 30.38	
820.00	21.88 30.38	
830.00	21.87 30.38	
840.00	21.86 30.38	
850.00	21.85 30.38	
860.00	21.84 30.38	
870.00	21.83 30.38	
880.00	21.82 30.38	
890.00	21.81 30.38	
900.00	21.80 30.38	
910.00	21.79 30.38	
920.00	21.78 30.38	
930.00	21.77 30.38	
940.00	21.76 30.38	
950.00	21.75 30.38	
960.00	21.74 30.38	
970.00	21.73 30.38	
980.00	21.72 30.38	
990.00	21.71 30.38	
1000.00	21.70 30.38	

REV.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APP.	DATE

CLIENT :

DESIGN & MC CONSULTANT :

PROJECT : Improvement of Golgohar M. & Ind. Road

TITLE : **LONGITUDINAL PROFILE**  
 مسیر تقاطع خیابان دهسلیح آستگر

DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
981007	As Shown	S.ABDOSALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED

GEN. TOL :      QU. REQUIRED :      UNIT : m

PATH :      DRAWING NUMBER

FILE NAME : **9804-P2-CV-LP-STR-00**

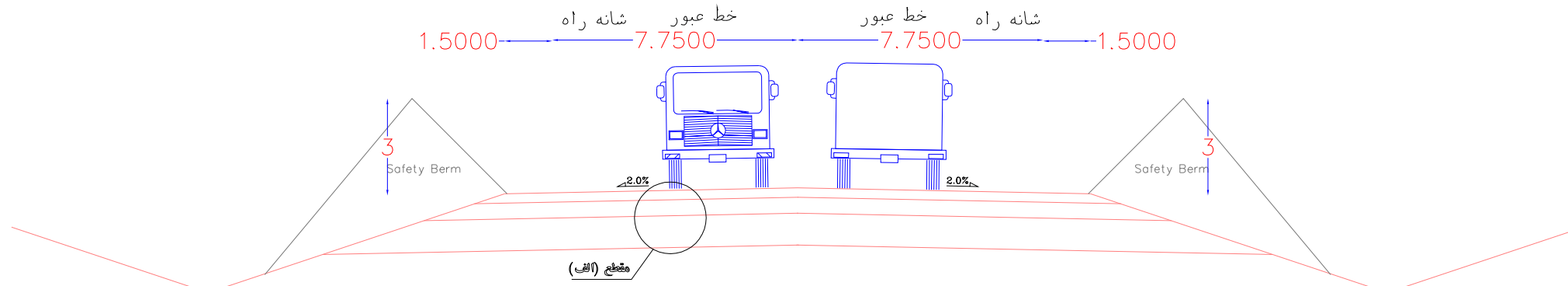
DATE : 981007      SHEET 01-01      REV. 00



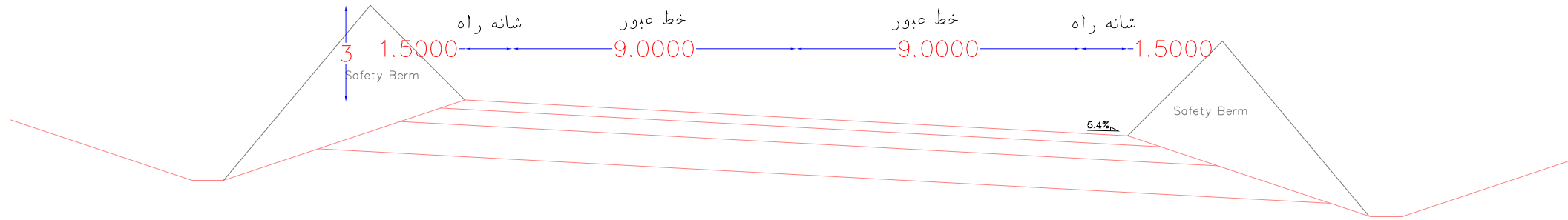


مهندسین مشاور گارنو

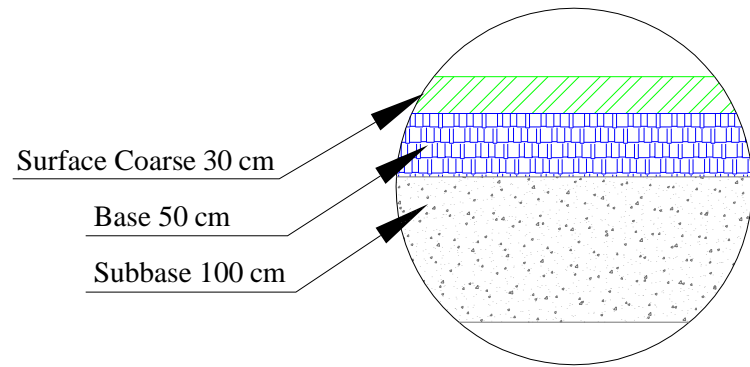
پروفیل عرضی



مسیر مستقیم



مسیر گردشی



مقطع (الف)

GENERAL NOTES

HOLD ITEMS

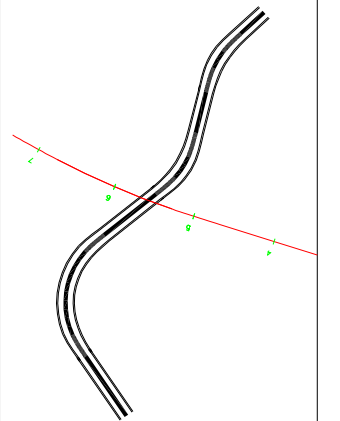
GENERAL NOTES

HOLD ITEMS

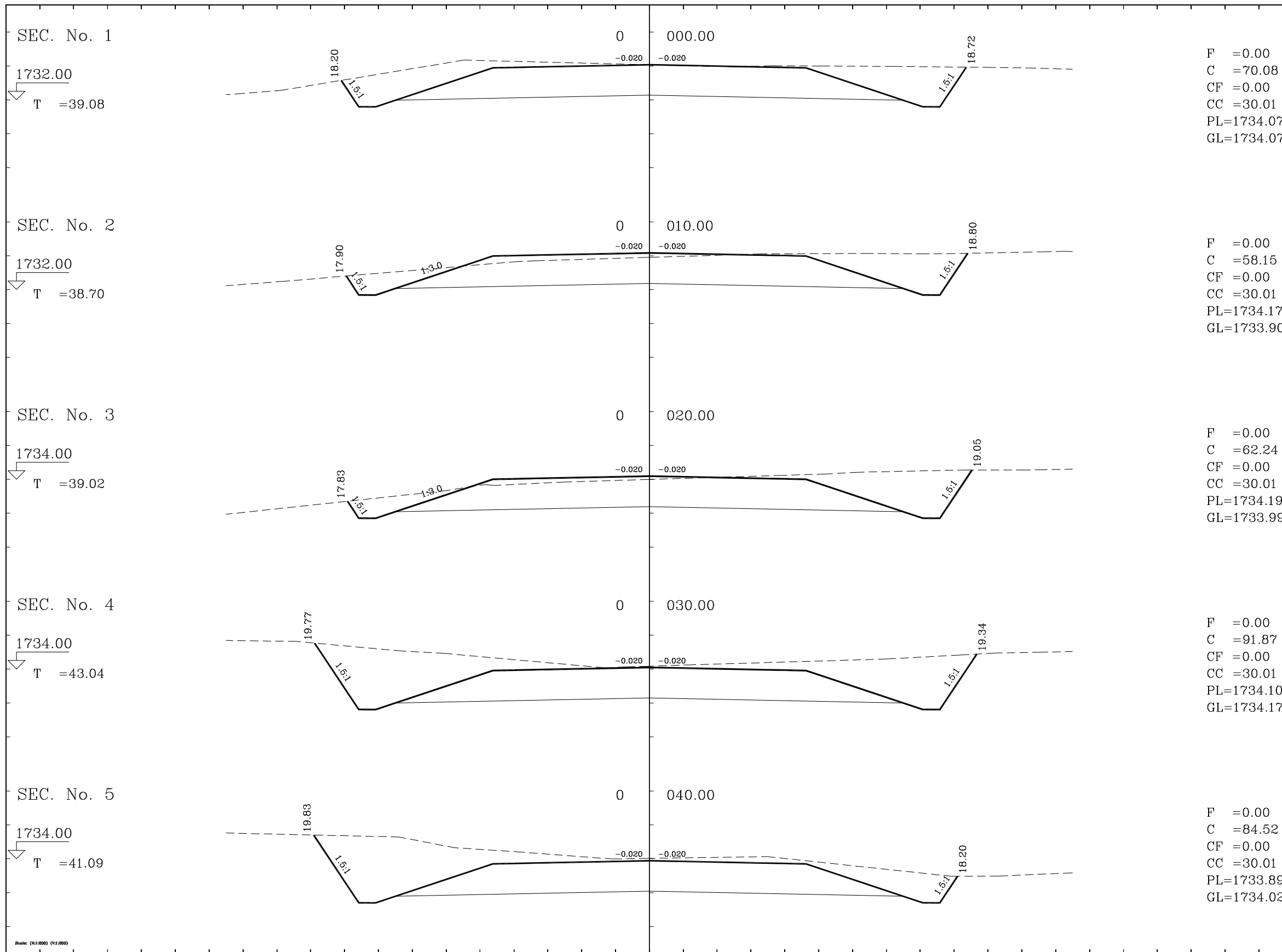
REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESC.	CHKD.	APP.	DATE
CLIENT :	شرکت توسعه عمران و مدیریت منطقه گل گهر					
DESIGN & MC CONSULTANT :	مهندسين مشاور طرز					
PROJECT :	Improvement of Golgohar M. & Ind. Road					
TITLE :	LONGITUDINAL PROFILE مسیر مستقیم و مسیر گردشی					
DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.	
981007	As Shown	S.M.BOSALAM	A.SAVAR	A.THERZADE	M.SAMAN	
NO CONSTRUCTION PERMITTED UNLESS DRG. APPROVED						
GENL. TOL :	DU. REQUIRED :		UNIT :		m	
CLIENT DRAWING NUMBER :	DRAWING NUMBER					
FILE NAME :	9804 - P2 - CV - CST - STR - 00					
DATE : 981007	SHEET	01-01	REV.	00		



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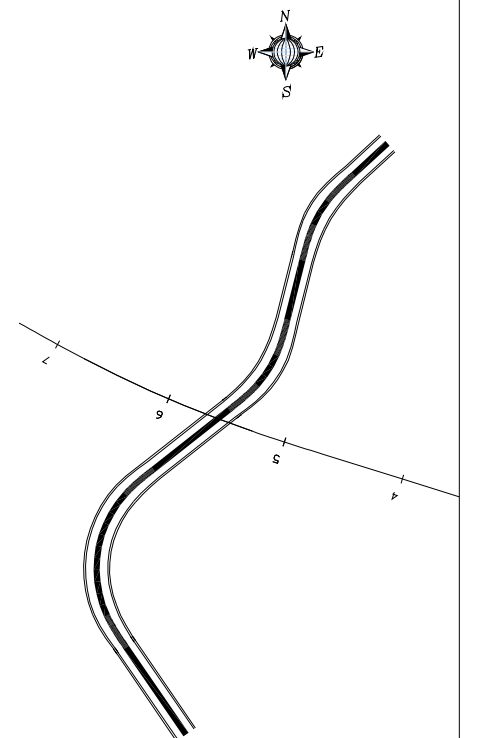
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

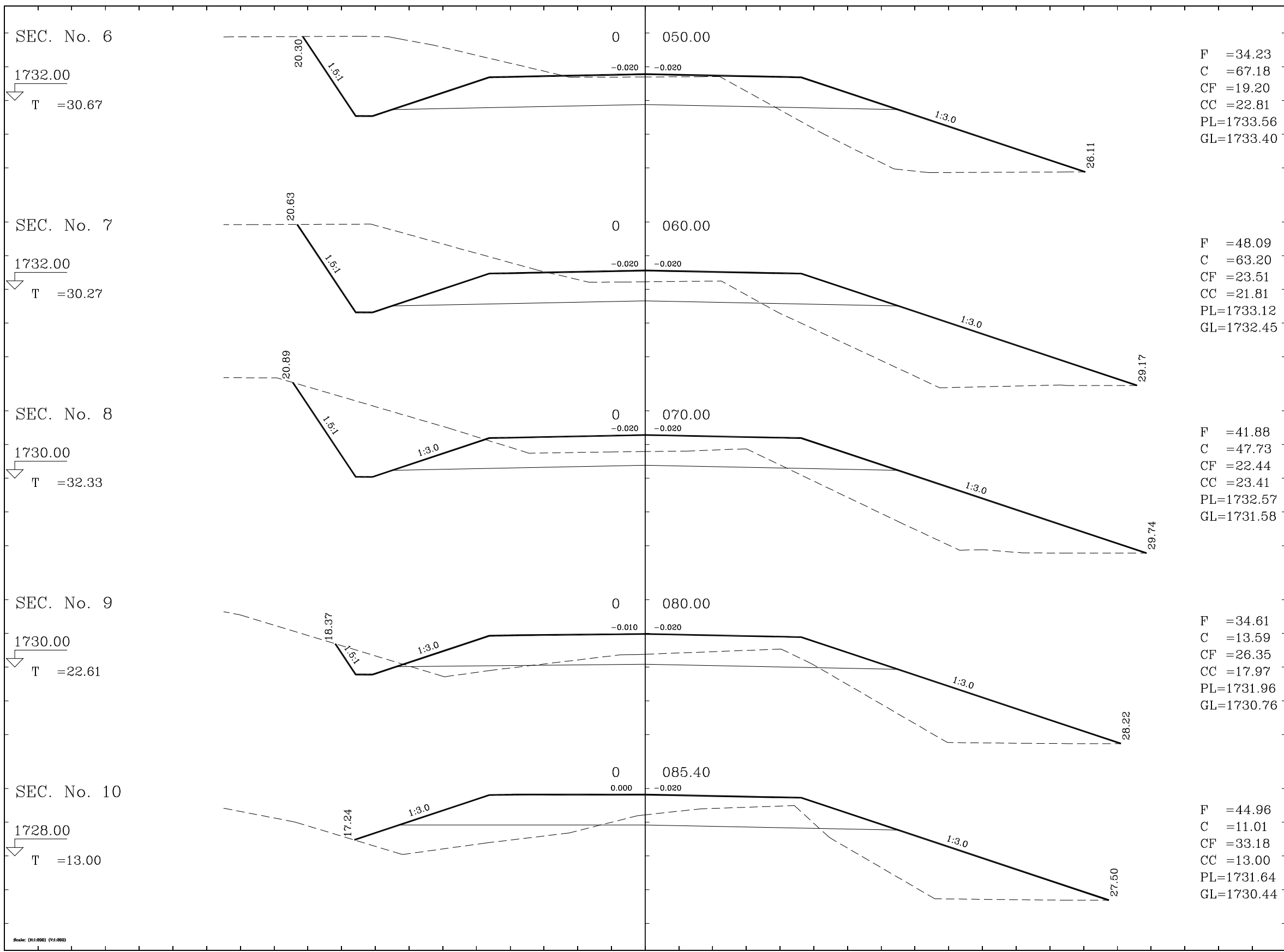
LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESG.	CHKD.	APP.	DATE
CLIENT :						
DESIGN & MC CONSULTANT :						
PROJECT : Improvement of Golgohar M. & Ind. Road						
TITLE : LONGITUDINAL SECTION مسیر تقاطع خیابان دهسنگ آستگر						
DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.	
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI	
NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED						
GEN. TOL :		QU. REQUIRED :		UNIT :		m
CLIENT DRAWING NUMBER :		DRAWING NUMBER				
		9804-P2-CV-CS-STR-00				
FILE NAME :						
DATE : 981007		SHEET			REV. 000	

Scale: (1:1000) (V.S.000)



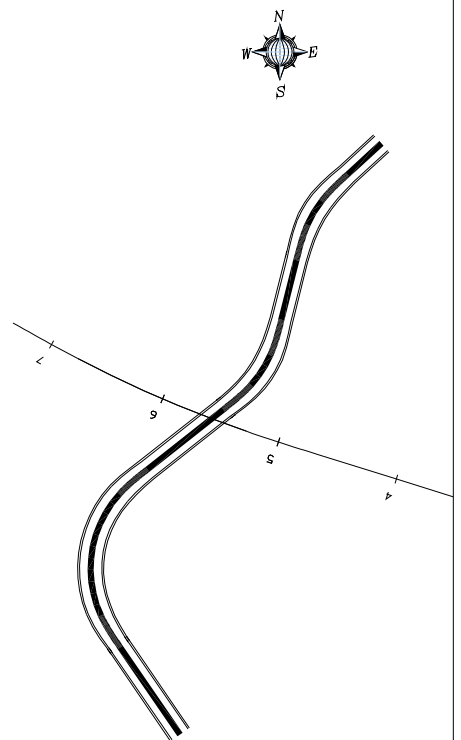
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESG.	CHKD.	APP.	DATE

CLIENT :

DESIGN & MC CONSULTANT :

PROJECT : Improvement of Golgohar M. & Ind. Road

TITLE : LONGITUDINAL SECTION  
 مسیر تقاطع خیابان دهسنگ استیگر

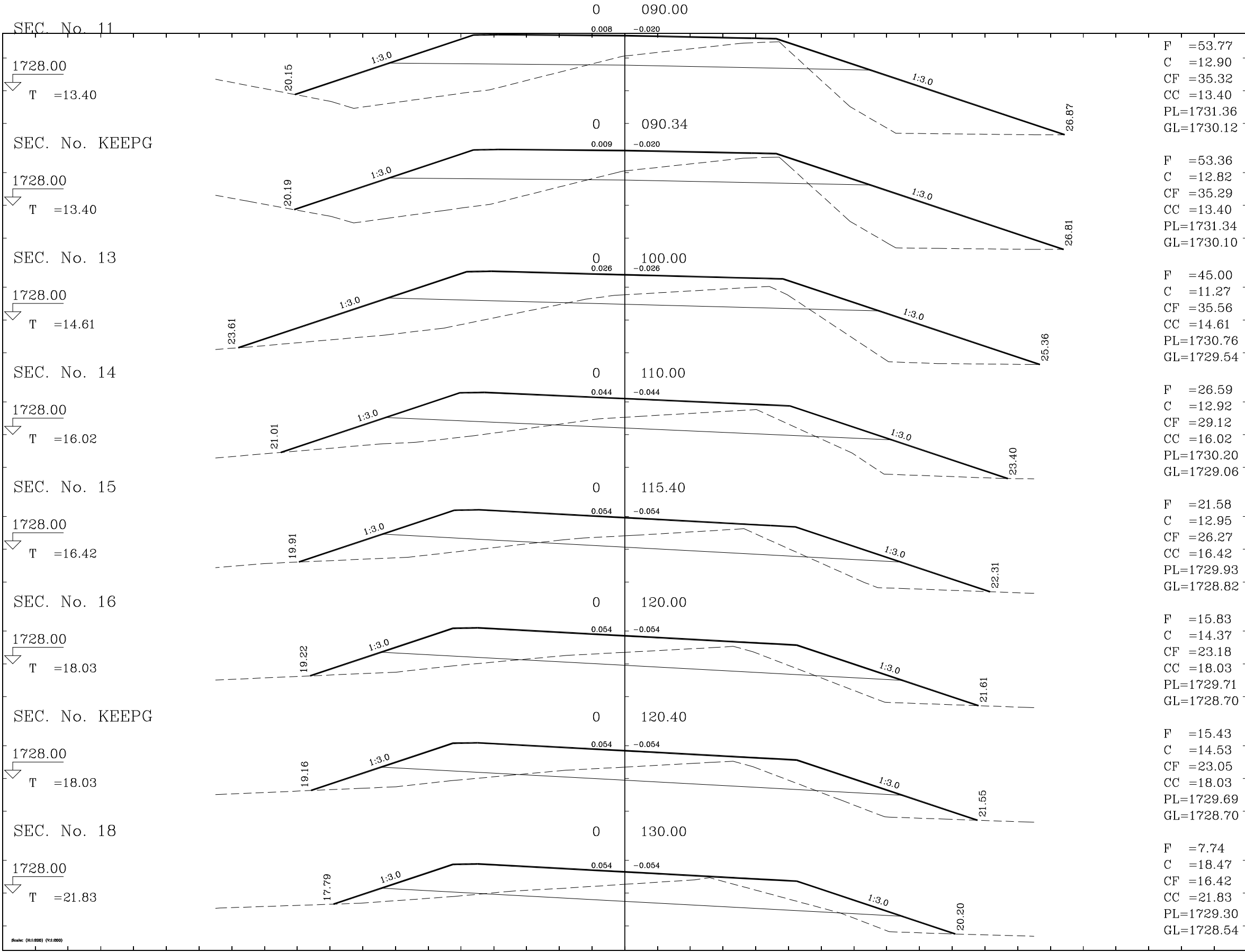
DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED

GEN. TOL : QU. REQUIRED : UNIT : m

CLIENT DRAWING NUMBER :  
 PATH : DRAWING NUMBER  
 Page no.: 2 9804-P2-CV-CS-STR-00  
 FILE NAME :  
 DATE : 981007 SHEET REV. 000





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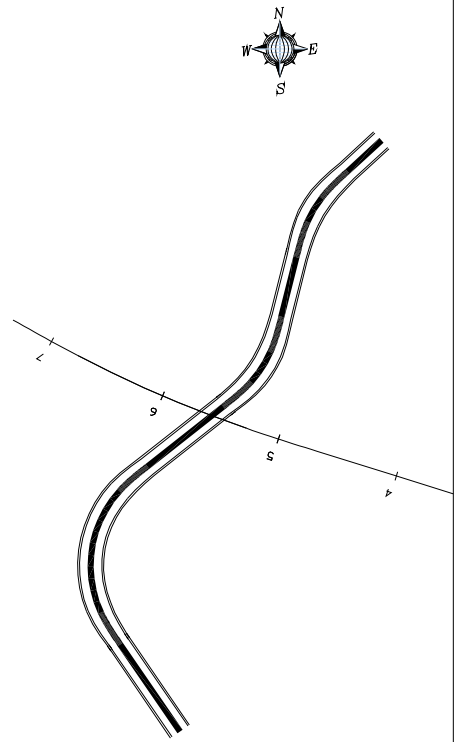
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

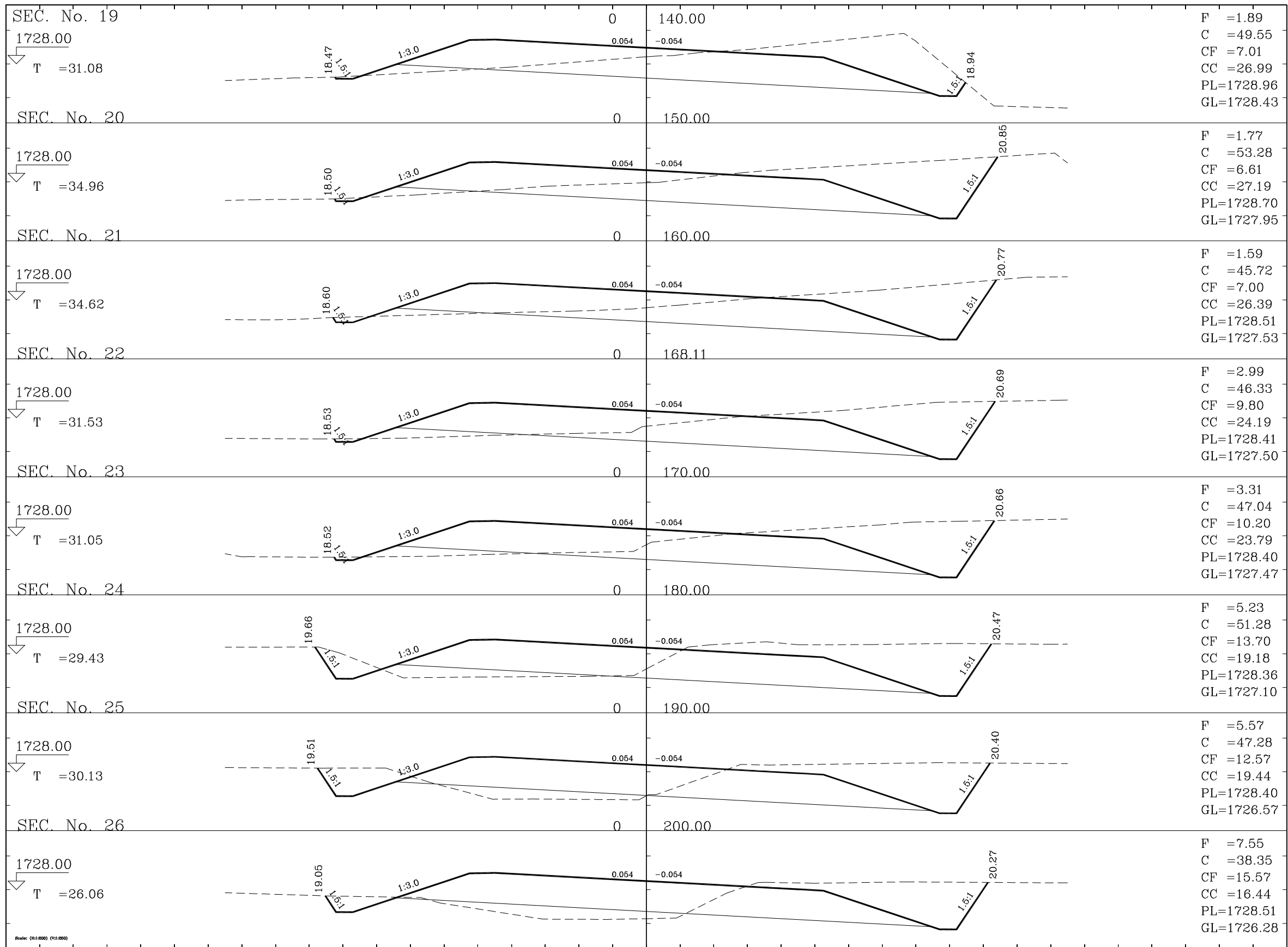
LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APP.	DATE
CLIENT :	شرکت توسعه عمران و مدیریت منطقه گل مهر					
DESIGN & MC CONSULTANT :	مهندسين مشاور طرح كارز Garmult					
PROJECT :	Improvement of Golgohar M. & Ind. Road					
TITLE :	LONGITUDINAL SECTION مسير تقاطع خيابان دهستانک استرگ					
DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.	
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI	
NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED						
GEN. TOL :	QU. REQUIRED :	UNIT :	m			
CLIENT DRAWING NUMBER :	DRAWING NUMBER					
FILE NAME :	9804-P2-CV-CS-STR-00					
DATE : 981007	SHEET					REV. 000

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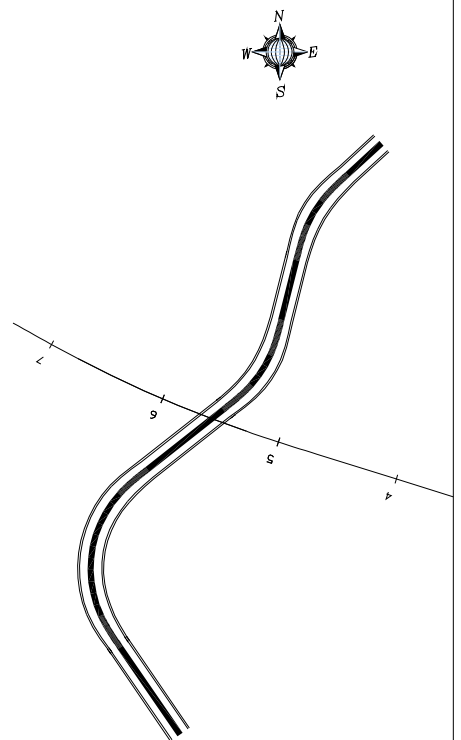
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APP.	DATE

CLIENT :

DESIGN & MC CONSULTANT :

PROJECT : Improvement of Golgohar M. & Ind. Road

TITLE : LONGITUDINAL SECTION  
مسیر تقاطع خیابان دهسک احسنگر

DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

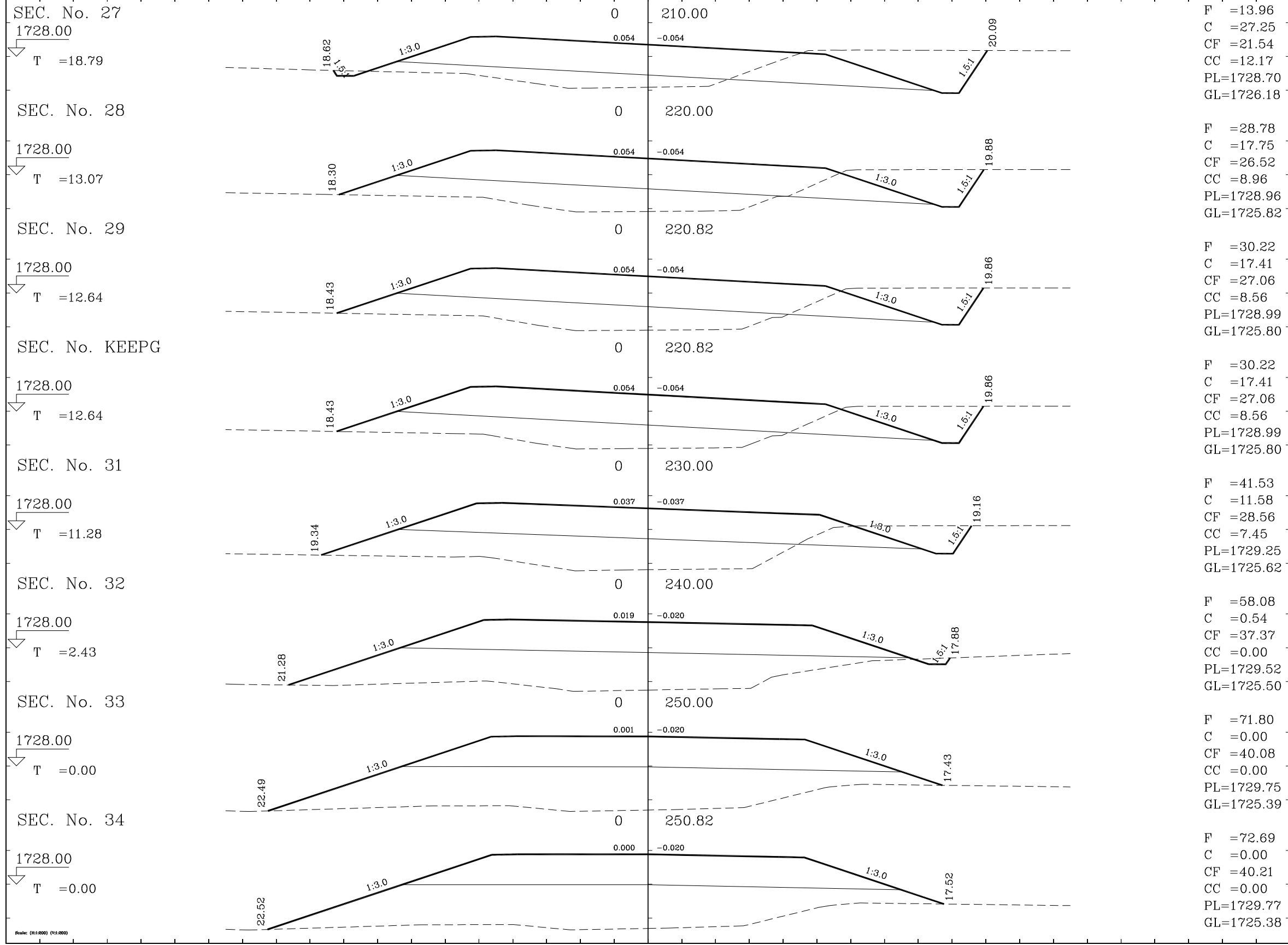
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GEN. TOL : QU. REQUIRED : UNIT : m

CLIENT DRAWING NUMBER : DRAWING NUMBER

Page no.: 4 9804-P2-CV-CS-STR-00

FILE NAME : DATE : 981007 SHEET REV. 000



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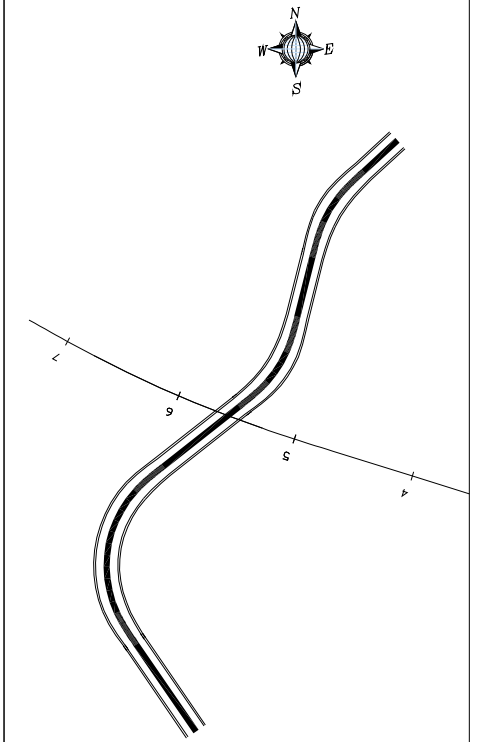
GENERAL NOTES

HOLD ITEMS

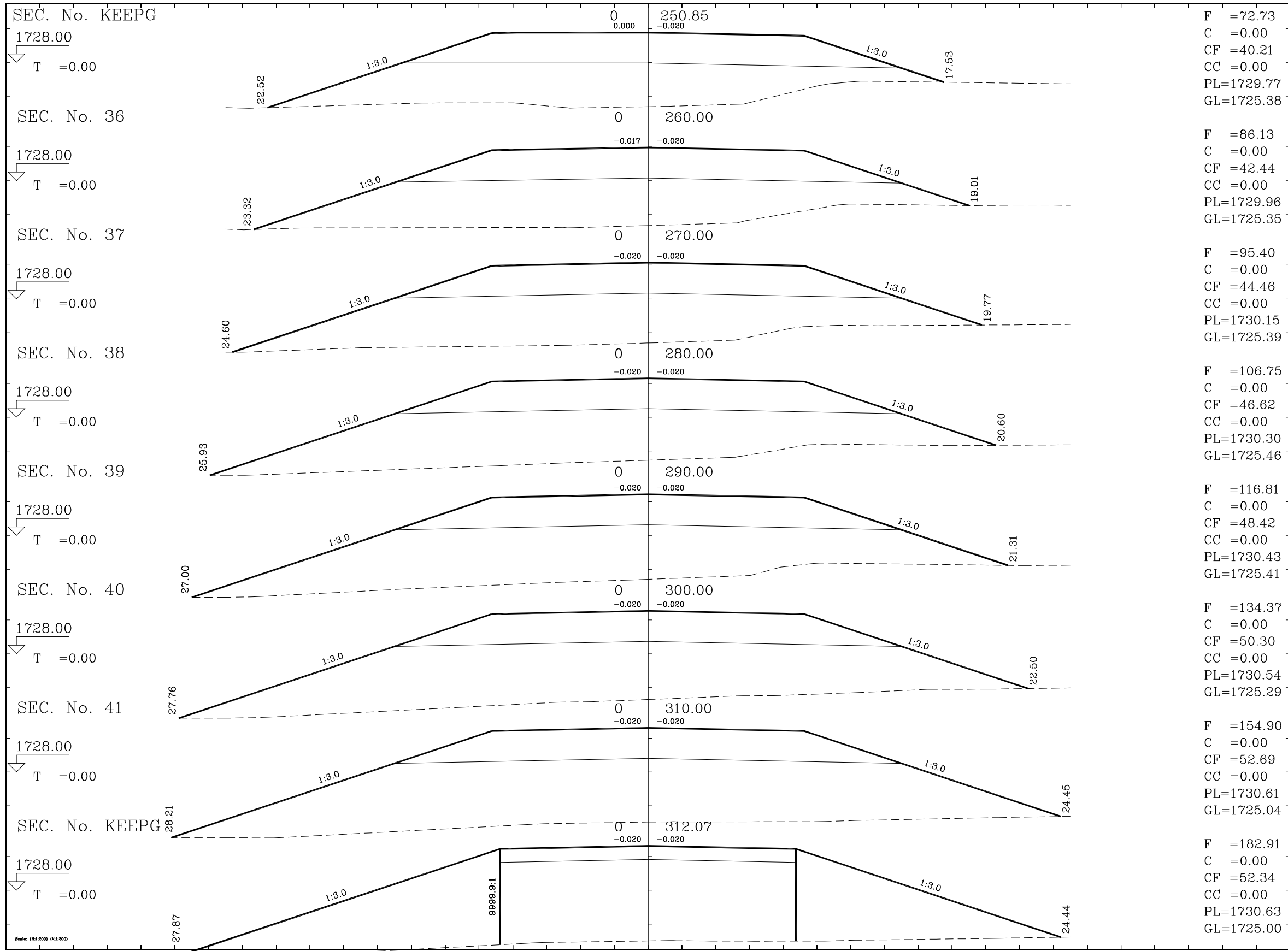
REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APP.	DATE
CLIENT : شرکت توسعه عمران و مدیریت منطقه گل گهر						
DESIGN & MC CONSULTANT : مهندسين مشاور طرح كارز Garmult						
PROJECT : Improvement of Golgohar M. & Ind. Road						
TITLE : LONGITUDINAL SECTION مسير تقاطع خیابان دهسنگ استخر						
DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.	
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI	
NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED						
GEN. TOL :		QU. REQUIRED :		UNIT : m		
CLIENT DRAWING NUMBER :			DRAWING NUMBER			
Page no.: 5			9804-P2-CV-CS-STR-00			
FILE NAME :			DATE : 981007			
DATE : 981007			SHEET		REV.   000	



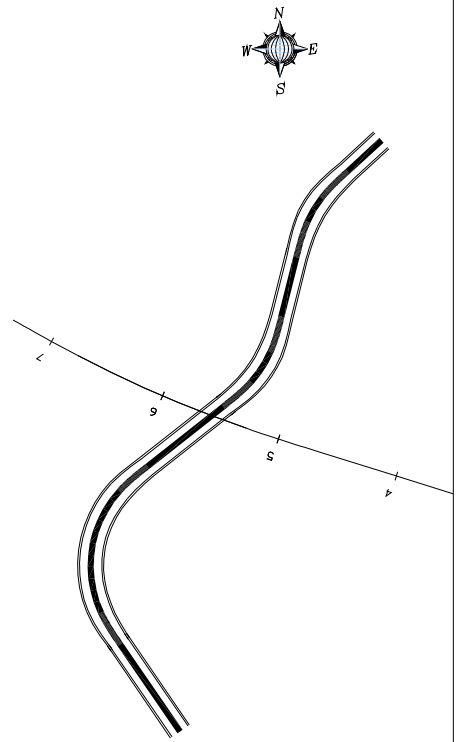
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESG.	CHKD.	APP.	DATE

CLIENT :

DESIGN & MC CONSULTANT :

PROJECT : Improvement of Golgohar M. & Ind. Road

TITLE : LONGITUDINAL SECTION  
مسیر تقاطع خیابان دهسلیح آستگر

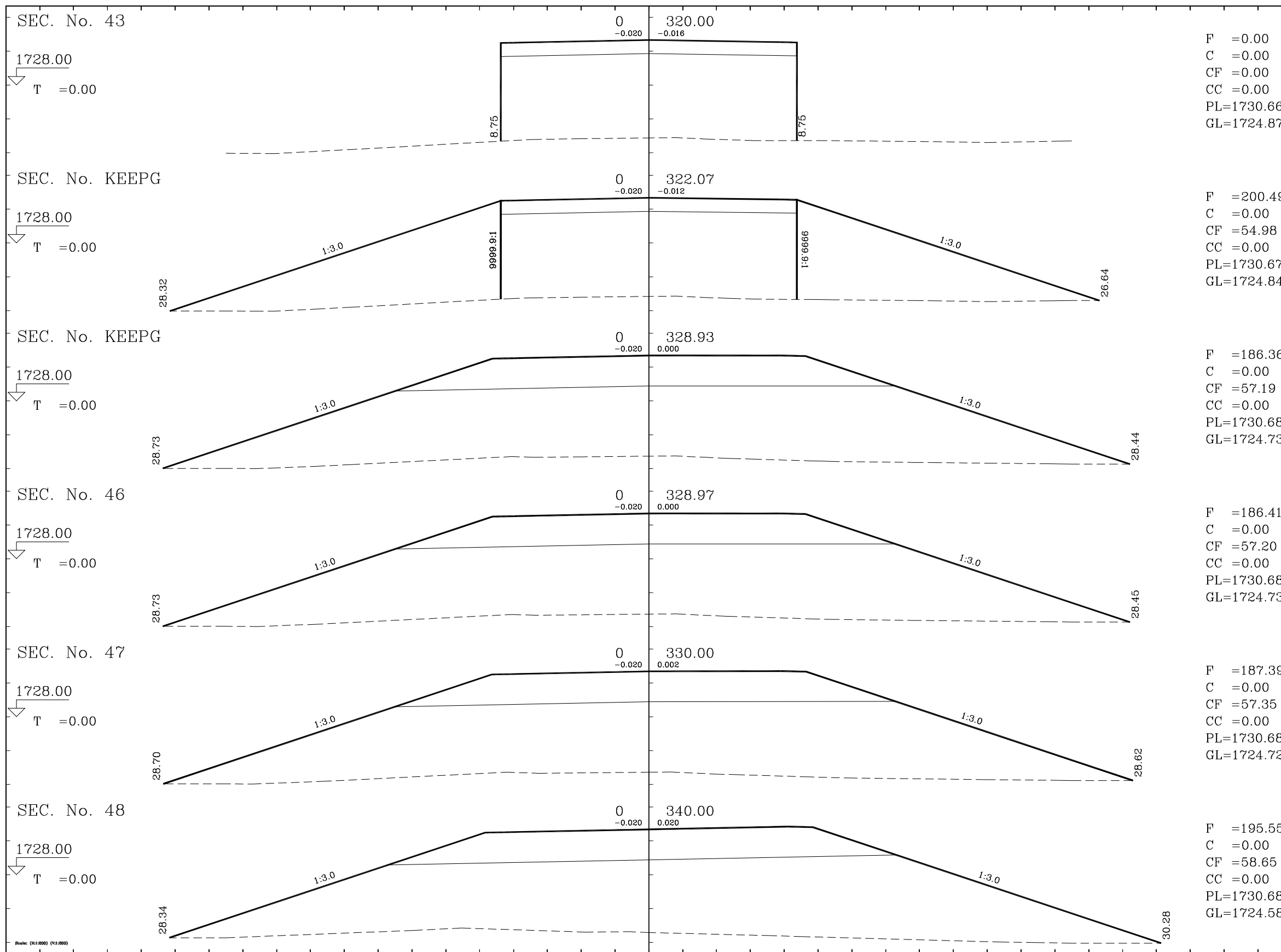
DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED

GEN. TOL : QU. REQUIRED : UNIT : m

CLIENT DRAWING NUMBER : DRAWING NUMBER : 9804-P2-CV-CS-STR-00  
Page no.: 6  
FILE NAME : SHEET : REV. 000





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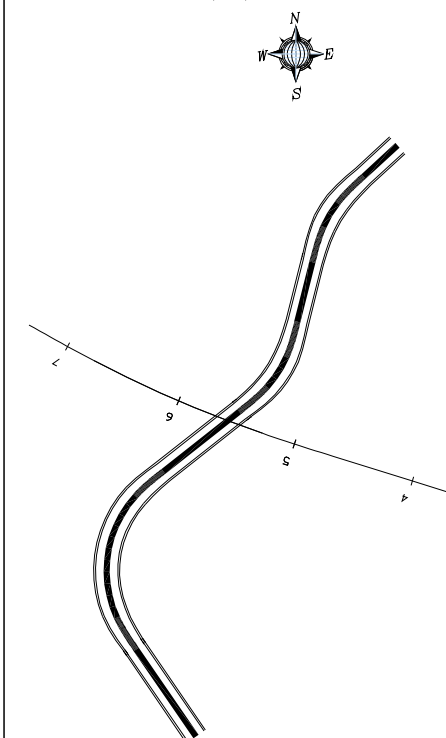
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APP.	DATE

CLIENT : شرکت توسعه عمران و مدیریت منطقه گل گهر

DESIGN & MC CONSULTANT : مهندسين مشاور طرح كارز Garmalt

PROJECT : Improvement of Golgohar M. & Ind. Road

TITLE : LONGITUDINAL SECTION

مسير تقاطع خير دهستان استر

DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

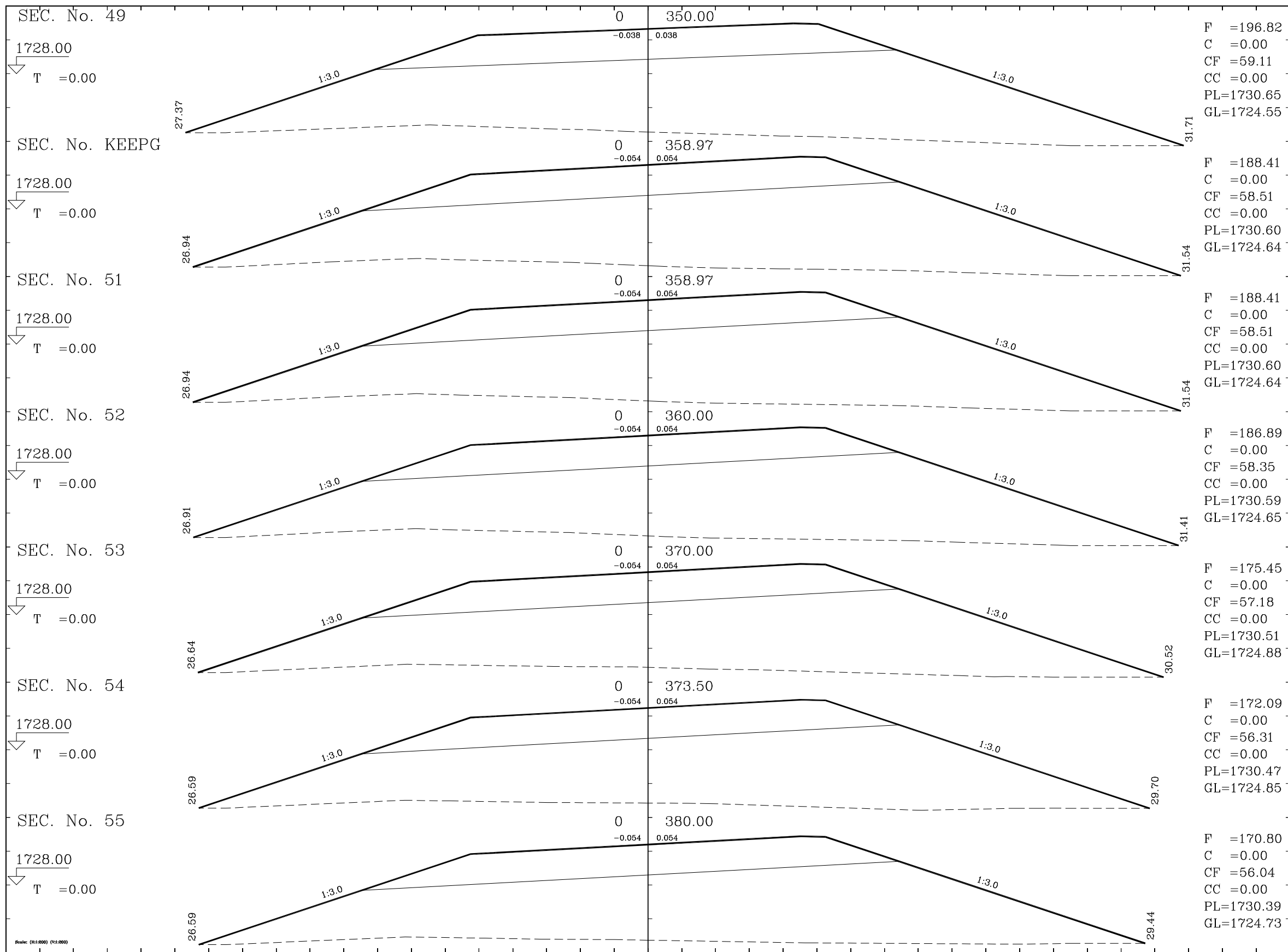
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GEN. TOL : QU. REQUIRED : UNIT : m

CLIENT DRAWING NUMBER : DRAWING NUMBER

Page no.: 7 9804-P2-CV-CS-STR-00

FILE NAME : DATE : 981007 SHEET REV. 000



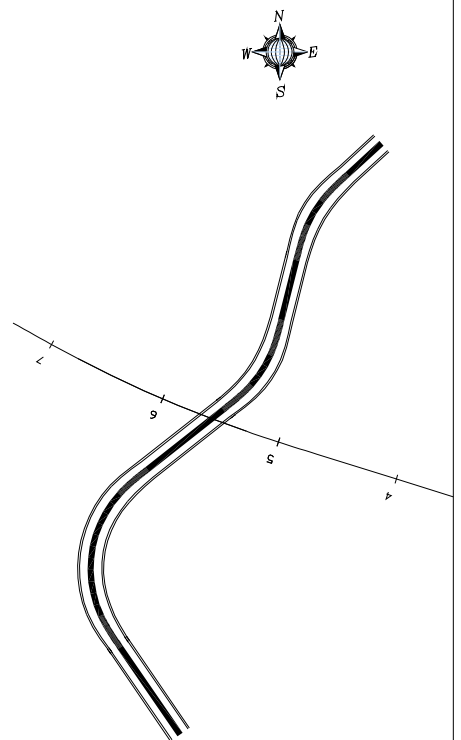
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APP.	DATE

CLIENT :

DESIGN & MC CONSULTANT :

PROJECT : Improvement of Golgohar M. & Ind. Road

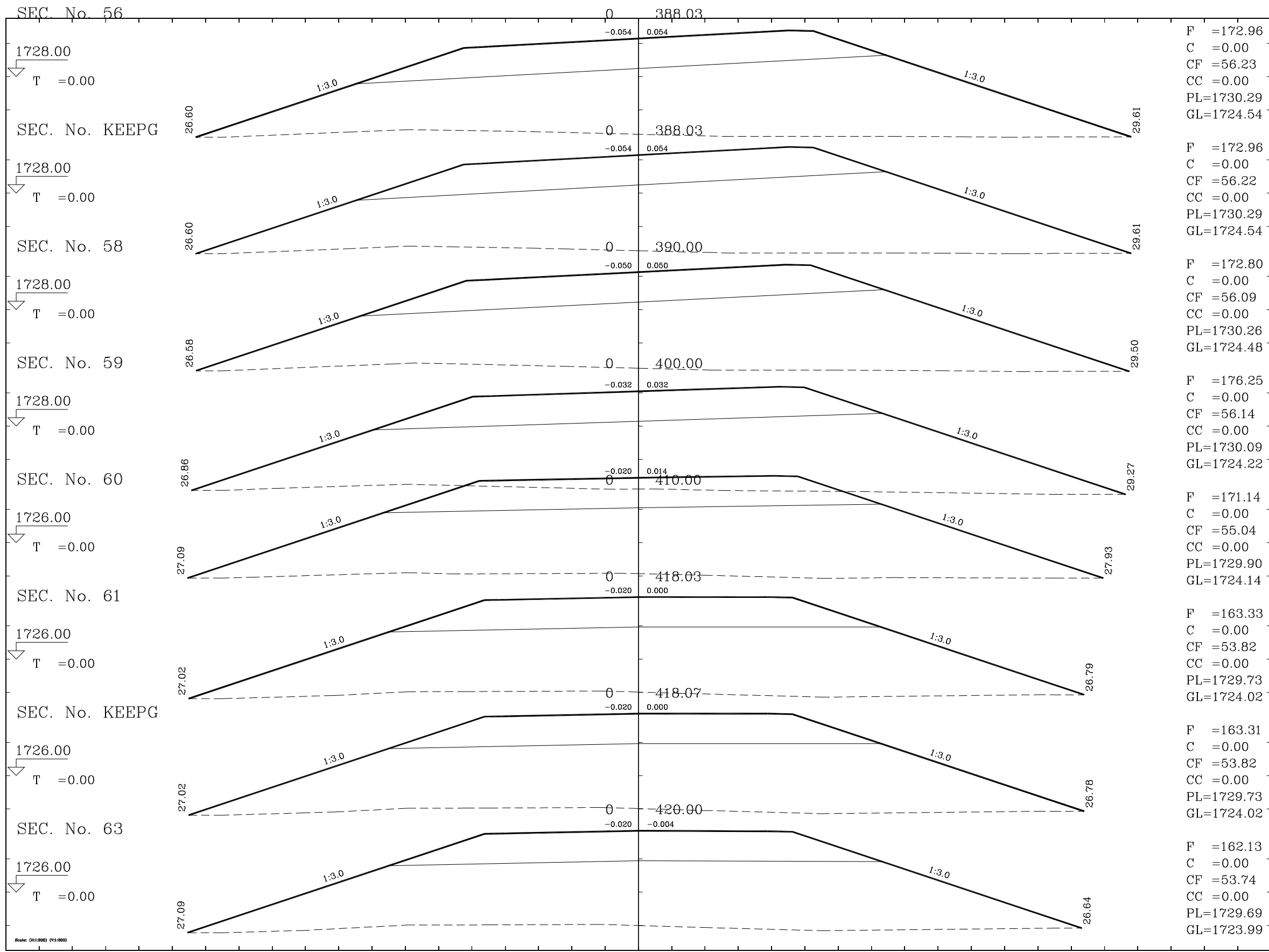
TITLE : LONGITUDINAL SECTION  
 مسیر تقاطع خیابان دهسک احسنگر

DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED

GEN. TOL : QU. REQUIRED : UNIT : m

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 PATH : DRAWING NUMBER  
 Page no.: 8 9804-P2-CV-CS-STR-00  
 FILE NAME :  
 DATE : 981007 SHEET REV. 000



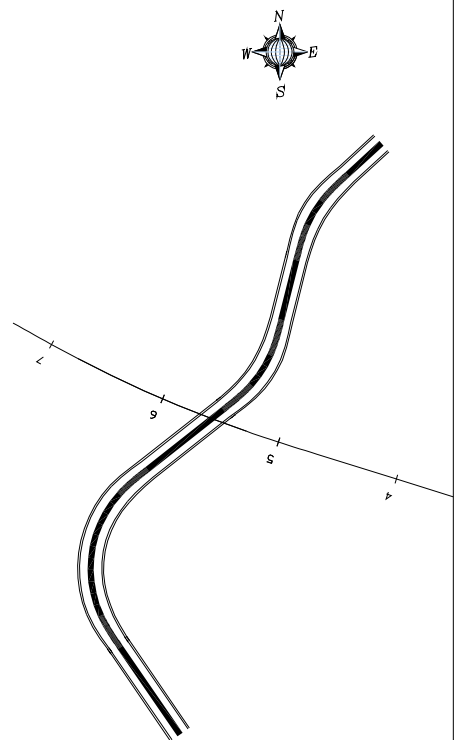
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APP.	DATE

CLIENT :

DESIGN & MC CONSULTANT :

PROJECT : Improvement of Golgohar M. & Ind. Road

TITLE : LONGITUDINAL SECTION  
مسیر تقاطع خیابان دهسکطح استیگر

DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

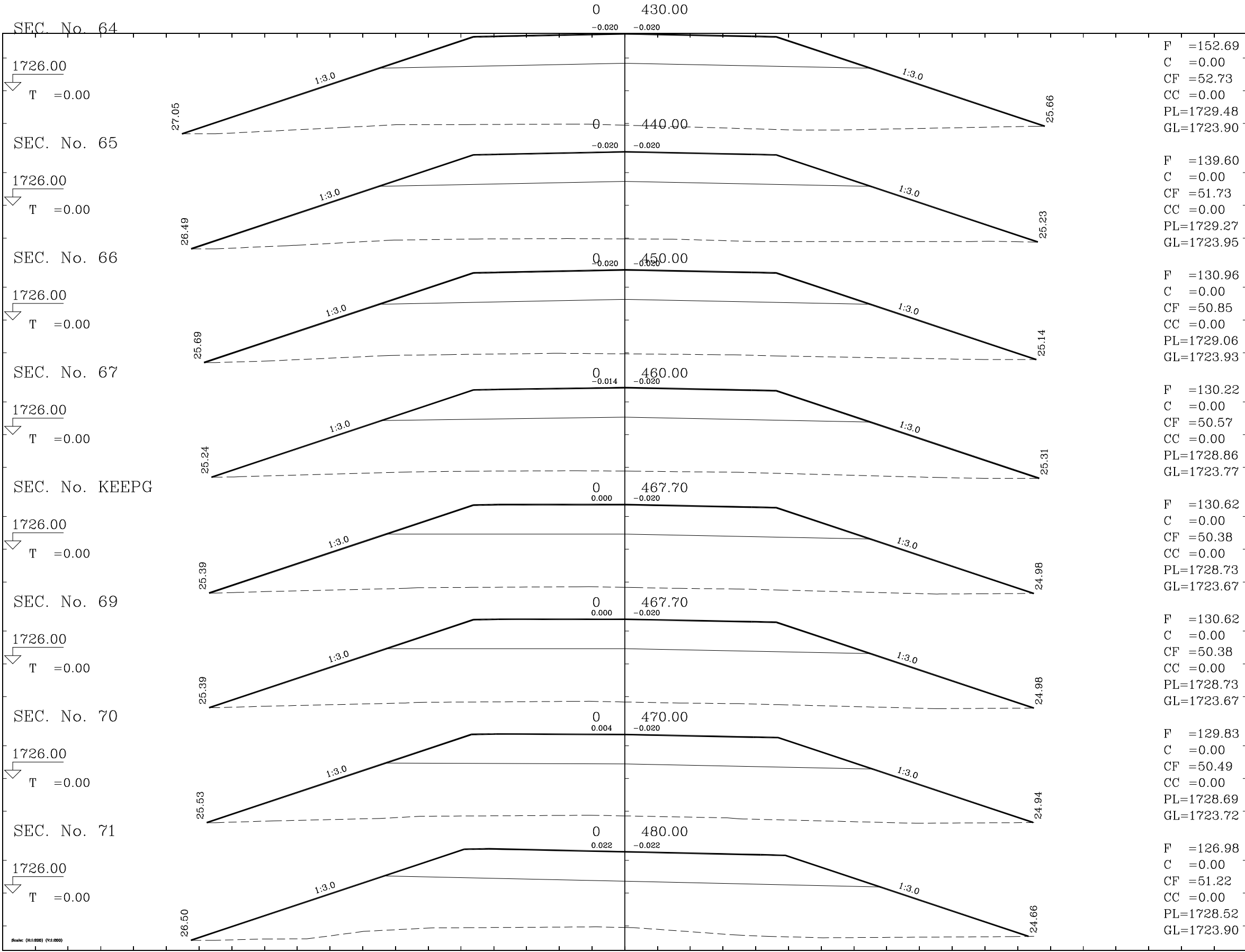
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GEN. TOL : QU. REQUIRED : UNIT : m

CLIENT DRAWING NUMBER : PATH : DRAWING NUMBER

Page no.: 9 9804-P2-CV-CS-STR-00

FILE NAME : DATE : 981007 SHEET REV. 000



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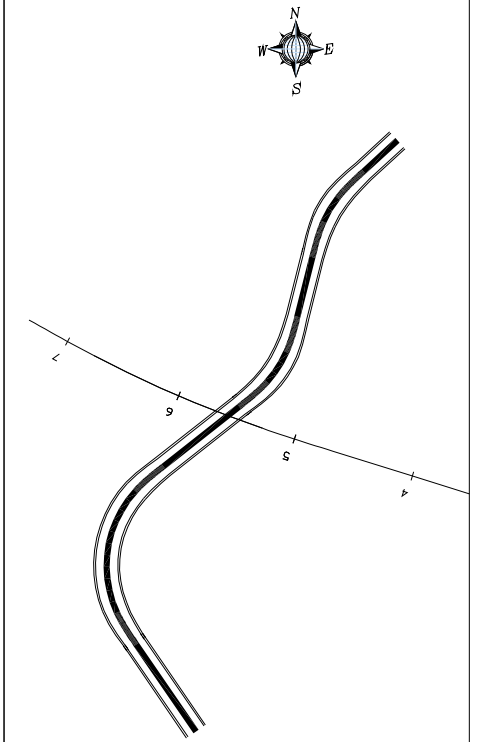
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

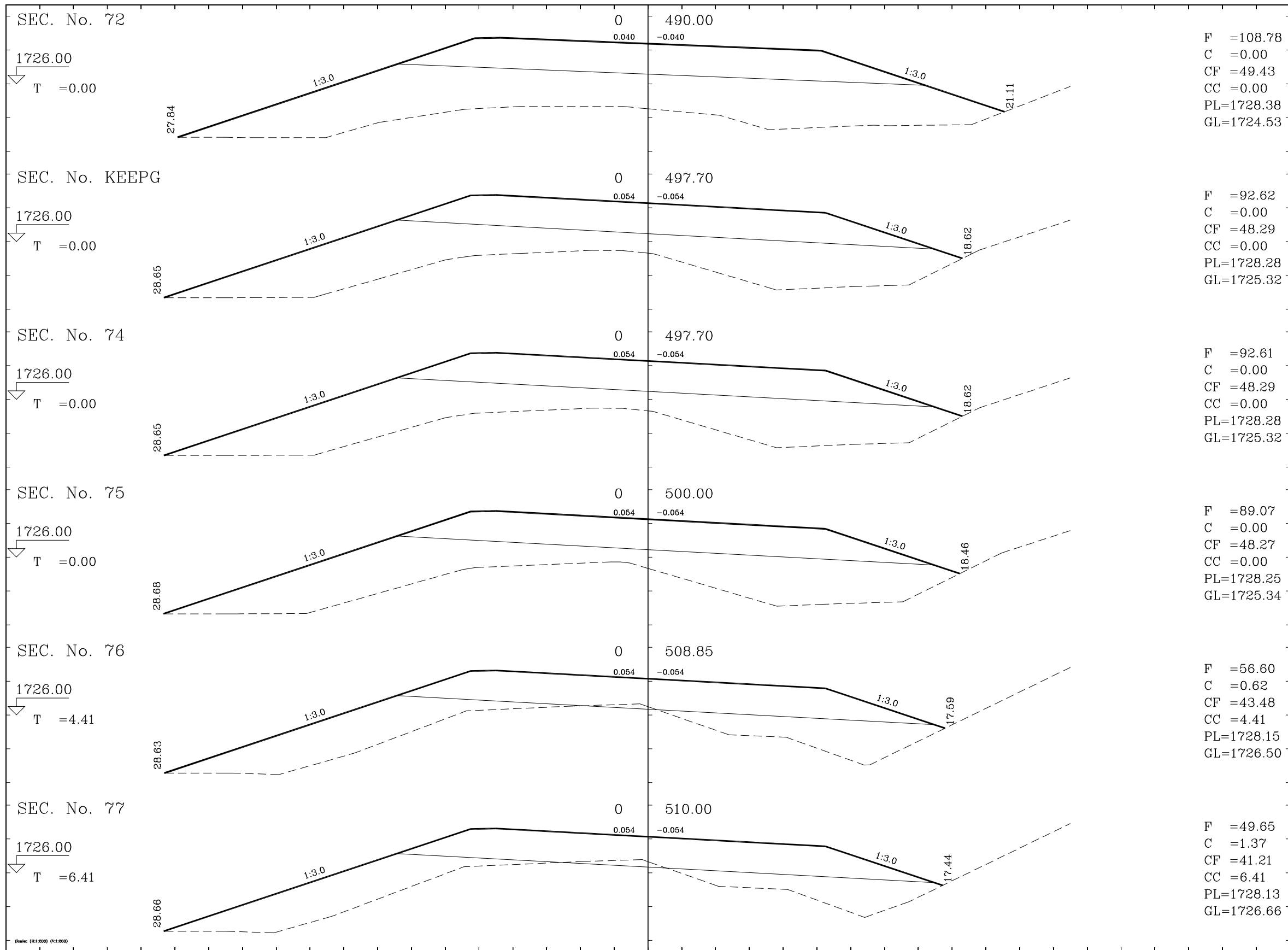
LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APP.	DATE
CLIENT :	شرکت توسعه عمران و مدیریت منطقه گل مهر					
DESIGN & MC CONSULTANT :	مهندسی مشاور طرح کارز Garmalt					
PROJECT :	Improvement of Golgohar M. & Ind. Road					
TITLE :	LONGITUDINAL SECTION مسیر تقاطع خیابان دهسکطح استخر					
DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.	
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI	
NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED						
GEN. TOL :	QU. REQUIRED :	UNIT :	m			
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Page no.:	10					
FILE NAME :	9804-P2-CV-CS-STR-00					
DATE :	981007	SHEET				REV. 000





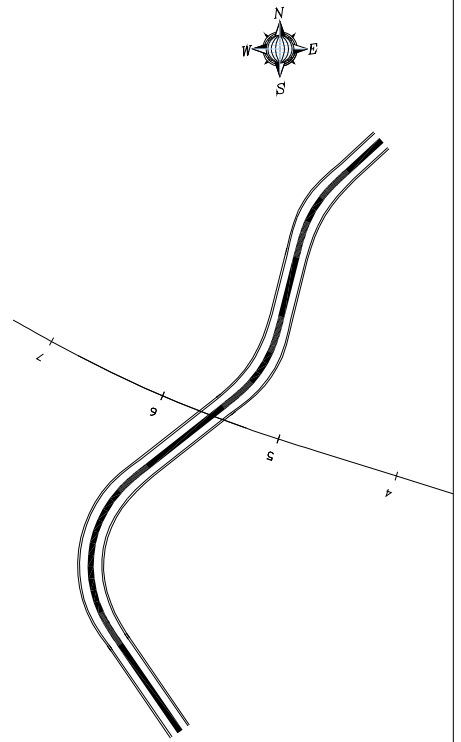
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESG.	CHKD.	APP.	DATE

CLIENT : شرکت توسعه عمران و مدیریت منطقه گل مهر

DESIGN & MC CONSULTANT : مهندسين مشاور طرح كارز Garmult

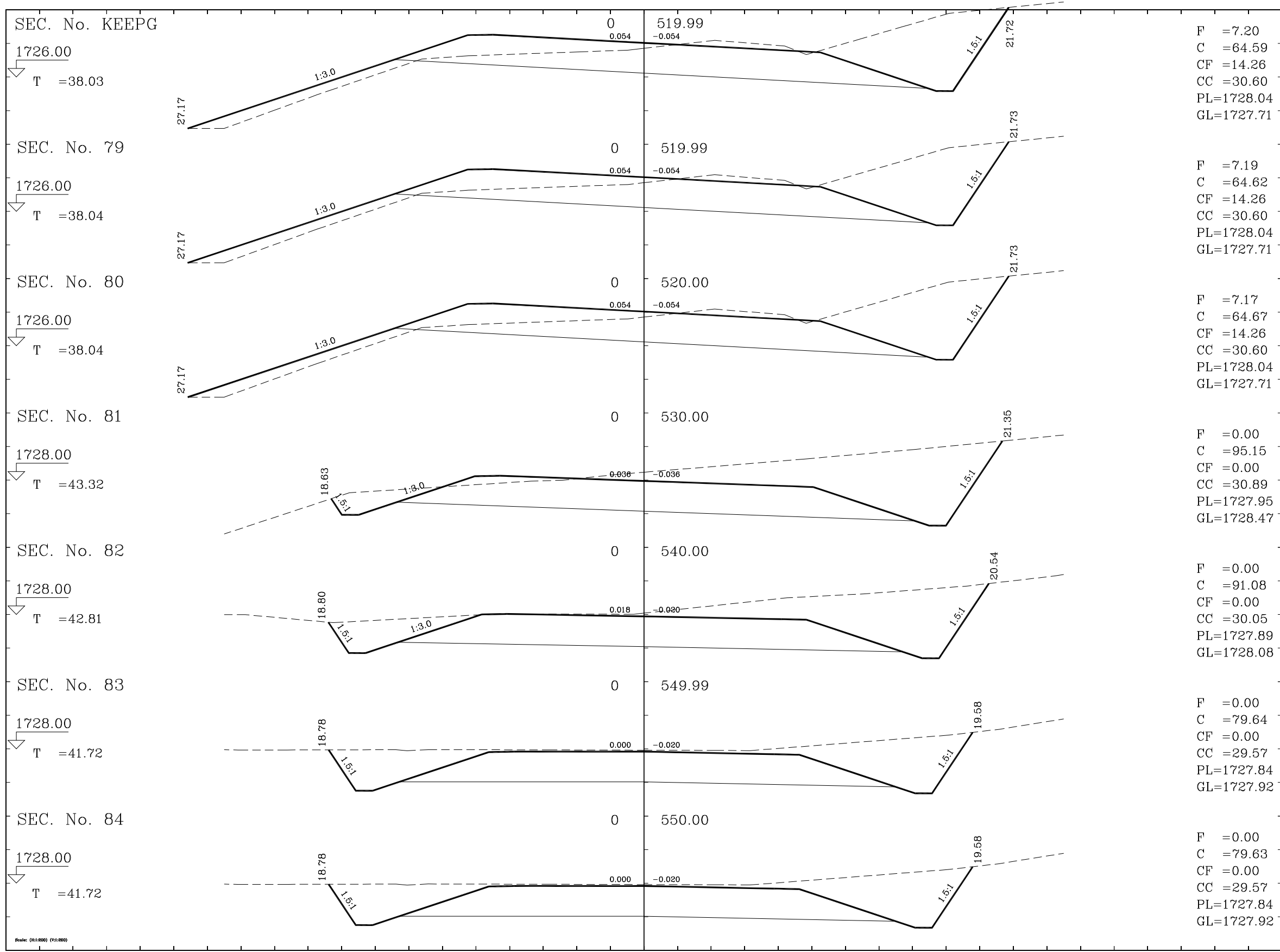
PROJECT : Improvement of Golgohar M. & Ind. Road

TITLE : LONGITUDINAL SECTION  
 مسیر تقاطع خیابان دهسلیح استیگر

DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED

GEN. TOL : QU. REQUIRED : UNIT : m



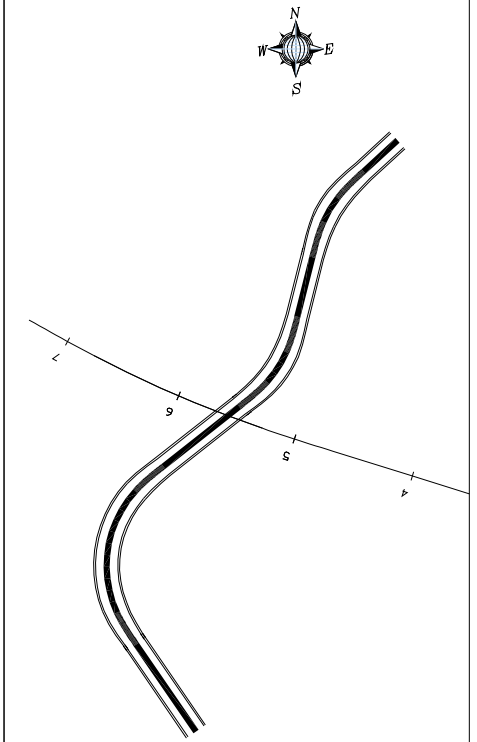
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESIG.	CHKD.	APP.	DATE

CLIENT : شرکت توسعه عمران و مدیریت منطقه گل مهر

DESIGN & MC CONSULTANT : مهندسين مشاور طرح كارز Garmalt

PROJECT : Improvement of Golgohar M. & Ind. Road

TITLE : LONGITUDINAL SECTION  
مسير تقاطع خیابان دهسنگ استیگر

DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

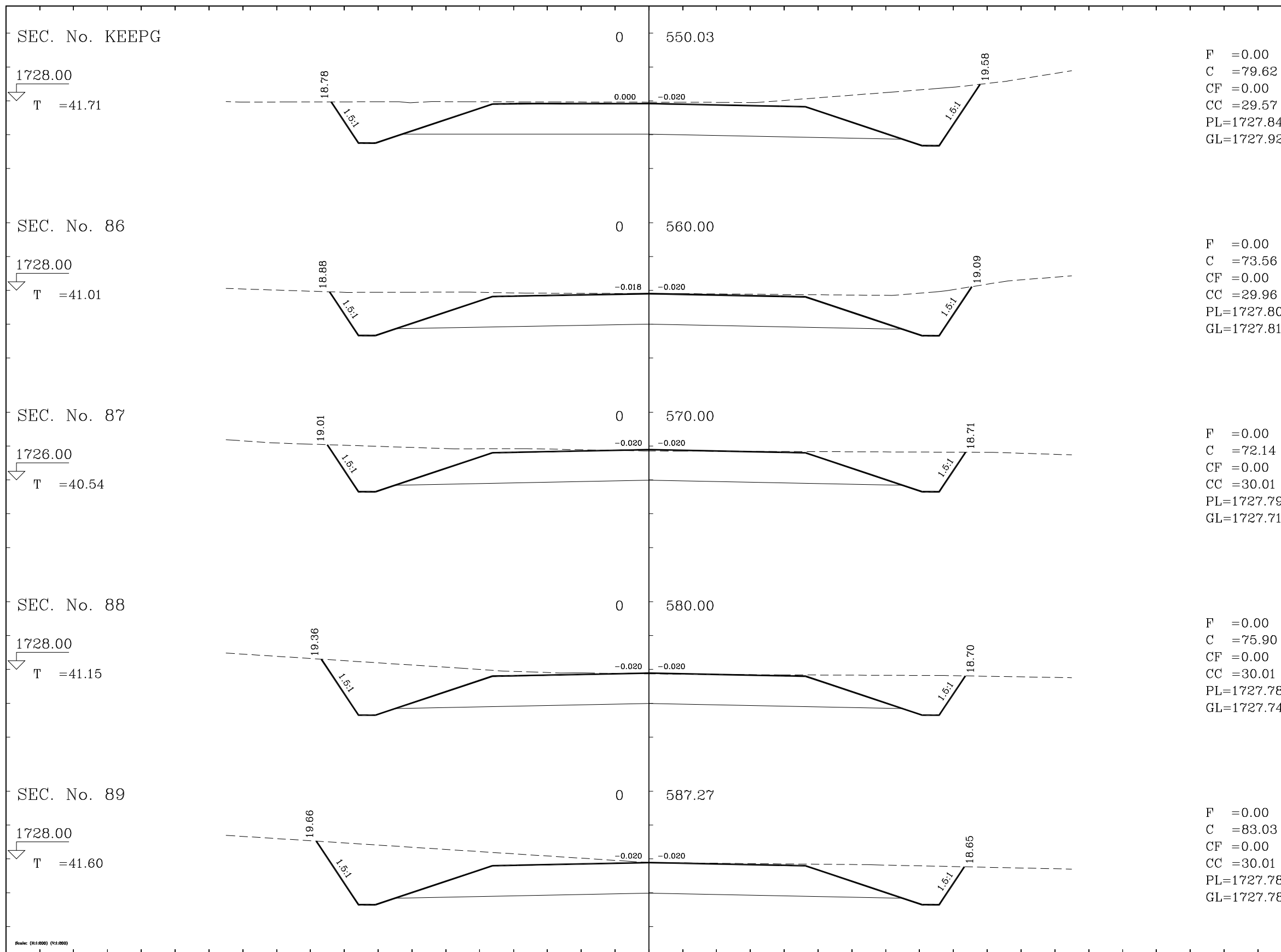
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GEN. TOL : QU. REQUIRED : UNIT : m

CLIENT DRAWING NUMBER : DRAWING NUMBER : 9804-P2-CV-CS-STR-00

DATE : 981007 SHEET REV. 000

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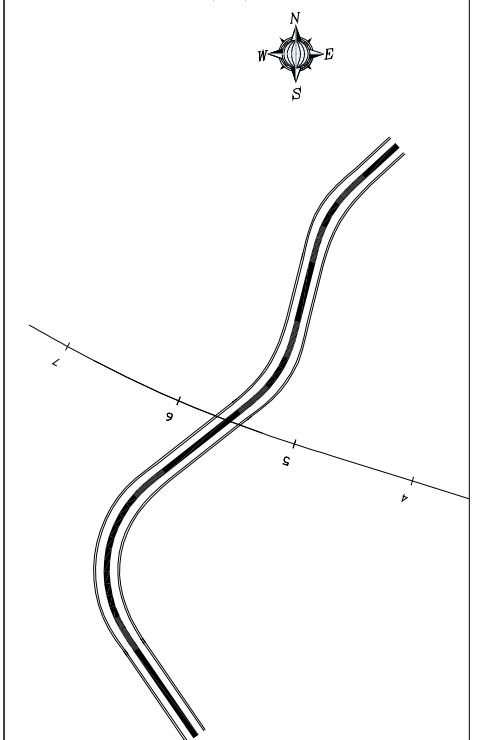
GENERAL NOTES

HOLD ITEMS

REFERENCE DRAWINGS

LEGEND & SYMBOLS

KEY PLAN



REV.	DESCRIPTION	DRAWN	DESG.	CHKD.	APP.	DATE

CLIENT :

DESIGN & MC CONSULTANT :

PROJECT : Improvement of Golgohar M. & Ind. Road

TITLE : LONGITUDINAL SECTION

مسیر تقاطع خیابان دهسکاح استیگر

DATE	SCALE	DRAWN	CHECKED	APPROVED	PROJ. ENGR.
981007	As Shown	S.ABDO SALAMI	A.DAVAR	A.TAHERIZADE	M.SAMADANI

NO CONSTRUCTION PERMITTED UNLESS DWG. APPROVED

GEN. TOL : QU. REQUIRED : UNIT : m

CLIENT DRAWING NUMBER : DRAWING NUMBER

Page no.: 13 9804-P2-CV-CS-STR-00

FILE NAME : 9804-P2-CV-CS-STR-00

DATE : 981007 SHEET REV. 000



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2	2	0+010.00		58.15	0				
			10			601.95	0	1243	0
3	3	0+020.00		62.24	0				
			10			770.55	0	2014	0
4	4	0+030.00		91.87	0				
			10			881.95	0	2896	0
5	5	0+040.00		84.52	0				
			3.36			274.2	0	3170	0
	Zero	0+043.36		78.69	0				
			6.64			484.3	113.6	3654	113.6
6	6	0+050.00		67.18	34.23				
			10			651.9	411.6	4306	525.2
7	7	0+060.00		63.2	48.09				
			10			554.65	449.9	4861	975.1
8	8	0+070.00		47.73	41.88				
			10			306.6	382.5	5167	1358
9	9	0+080.00		13.59	34.61				
			5.4			66.42	214.8	5234	1572
10	10	0+085.40		11.01	44.96				
			4.6			54.99	227.1	5289	1799
11	11	0+090.00		12.9	53.77				
			0.34			4.37	18.21	5293	1818
12	KEEPG	0+090.34		12.82	53.36				
			9.66			116.35	475.1	5409	2293
13	13	0+100.00		11.27	45				
			10			120.95	358	5530	2651
14	14	0+110.00		12.92	26.59				
			5.4			69.85	130.1	5600	2781
15	15	0+115.40		12.95	21.58				
			4.6			62.84	86.04	5663	2867
16	16	0+120.00		14.37	15.83				
			0.4			5.78	6.25	5669	2873
17	KEEPG	0+120.40		14.53	15.43				
			9.6			158.4	111.2	5827	2984
18	18	0+130.00		18.47	7.74				
			10			340.1	48.15	6167	3032
19	19	0+140.00		49.55	1.89				
			10			514.15	18.3	6681	3051

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			8.11			373.22	18.57	7550	3086
22	22	0+168.11		46.33	2.99				
			1.89			88.28	5.96	7638	3092
23	23	0+170.00		47.04	3.31				
			10			491.6	42.7	8130	3135
24	24	0+180.00		51.28	5.23				
			10			492.8	54	8622	3189
25	25	0+190.00		47.28	5.57				
			10			428.15	65.6	9051	3254
26	26	0+200.00		38.35	7.55				
			10			328	107.6	9379	3362
27	27	0+210.00		27.25	13.96				
			10			225	213.7	9604	3576
28	28	0+220.00		17.75	28.78				
			0.82			14.38	24.13	9618	3600
29	29	0+220.82		17.41	30.22				
			0			0.03	0.06	9618	3600
30	KEEPG	0+220.82		17.41	30.22				
			9.18			133.06	329.3	9751	3929
31	31	0+230.00		11.58	41.53				
			10			60.6	498.1	9812	4427
32	32	0+240.00		0.54	58.08				
			0.38			0.1	22.17	9812	4449
	Zero	0+240.38		0	58.6				
			9.62			0	627.2	9812	5077
33	33	0+250.00		0	71.8				
			0.82			0	59.1	9812	5136
34	34	0+250.82		0	72.69				
			0.03			0	2.33	9812	5138
35	KEEPG	0+250.85		0	72.73				
			9.15			0	726.8	9812	5865
36	36	0+260.00		0	86.13				
			10			0	907.7	9812	6772
37	37	0+270.00		0	95.4				
			10			0	1011	9812	7783
38	38	0+280.00		0	106.8				
			10			0	1118	9812	8901

No.	Name	Km	Dist	Cut(A)	Fill(A)	Cut(V)	Fill(V)	Cut(T)	Fill(T)
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40	40	0+300.00		0	134.4				
			10			0	1446	9812	11603
41	41	0+310.00		0	154.9				
			2.07			0	349.6	9812	11953
42	KEEPGB	0+312.07		0	182.9				
			7.93			0	0	9812	11953
43	43 B	0+320.00		0	0				
			2.07			0	0	9812	11953
44	KEEPGB	0+322.07		0	200.5				
			6.86			0	1327	9812	13280
45	KEEPG	0+328.93		0	186.4				
			0.04			0	7.64	9812	13287
46	46	0+328.97		0	186.4				
			1.03			0	192.3	9812	13480
47	47	0+330.00		0	187.4				
			10			0	1915	9812	15394
48	48	0+340.00		0	195.6				
			10			0	1962	9812	17356
49	49	0+350.00		0	196.8				
			8.97			0	1728	9812	19084
50	KEEPG	0+358.97		0	188.4				
			0			0	0.19	9812	19084
51	51	0+358.97		0	188.4				
			1.03			0	193.1	9812	19277
52	52	0+360.00		0	186.9				
			10			0	1812	9812	21089
53	53	0+370.00		0	175.5				
			3.5			0	608	9812	21697
54	54	0+373.50		0	172.1				
			6.5			0	1115	9812	22812
55	55	0+380.00		0	170.8				
			8.03			0	1380	9812	24191
56	56	0+388.03		0	173				
			0			0	0.35	9812	24192
57	KEEPG	0+388.03		0	173				
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58	58	0+390.00		0	172.8				
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			8.03			0	1343	9812	29357
61	61	0+418.03		0	163.3				
			0.04			0	6.86	9812	29364
62	KEEPG	0+418.07		0	163.3				
			1.93			0	314.1	9812	29678
63	63	0+420.00		0	162.1				
			10			0	1574	9812	31252
64	64	0+430.00		0	152.7				
			10			0	1461	9812	32714
65	65	0+440.00		0	139.6				
			10			0	1353	9812	34066
66	66	0+450.00		0	131				
			10			0	1306	9812	35372
67	67	0+460.00		0	130.2				
			7.7			0	1004	9812	36377
68	KEEPG	0+467.70		0	130.6				
			0			0	0.52	9812	36377
69	69	0+467.70		0	130.6				
			2.3			0	299	9812	36676
70	70	0+470.00		0	129.8				
			10			0	1284	9812	37960
71	71	0+480.00		0	127				
			10			0	1179	9812	39139
72	72	0+490.00		0	108.8				
			7.7			0	775.4	9812	39914
73	KEEPG	0+497.70		0	92.62				
			0			0	0.37	9812	39915
74	74	0+497.70		0	92.61				
			2.3			0	208.6	9812	40123
75	75	0+500.00		0	89.07				
			8.68			0	634.9	9812	40758
	Zero	0+508.68		0	57.22				
			0.17			0.05	9.62	9812	40768
76	76	0+508.85		0.62	56.6				
			1.15			1.15	61.15	9813	40829
77	77	0+510.00		1.37	49.65				
			9.99			329.47	284	10142	41113



No.	Name	Km	Dist	Cut(A)	Fill(A)	Cut(V)	Fill(V)	Cut(T)	Fill(T)
78	KEEPG	0+519.99		64.59	7.2				
			0			0.19	0.02	10143	41113
79	79	0+519.99		64.62	7.19				
			0.01			0.45	0.05	10143	41113
80	80	0+520.00		64.67	7.17				
			1.9			128.37	6.81	10271	41120
	Zero	0+521.90		70.46	0				
			8.1			670.73	0	10942	41120
81	81	0+530.00		95.15	0				
			10			931.15	0	11873	41120
82	82	0+540.00		91.08	0				
			9.99			853	0	12726	41120
83	83	0+549.99		79.64	0				
			0.01			0.56	0	12727	41120
84	84	0+550.00		79.63	0				
			0.03			2.39	0	12729	41120
85	KEEPG	0+550.03		79.62	0				
			9.97			763.6	0	13493	41120
86	86	0+560.00		73.56	0				
			10			728.5	0	14221	41120
87	87	0+570.00		72.14	0				
			10			740.2	0	14962	41120
88	88	0+580.00		75.9	0				
			7.27			577.31	0	15539	41120
89	89	0+587.27		83.03	0				

Cut	Cut area
Fill	Fill area

No.	Name	Km	Dist	CC(L)	CF<(L)	CFB(L)	CF>(L)	Trnh(L)	CC(A)	CF<(A)	CFB(A)	CF>(A)	Trnh(A)	CC(T)	CF<(T)	CFB(T)	CF>(T)	Trnh(T)	VegF(T)	Face Cours	Base(T)	Subb(T)
1	1	0+000.00	10	30.01	0	0	0	39.08	300.1	0	0	0	388.9	300.1	0	0	0	388.9	0	47.42	110.07	268.07
2	2	0+010.00	10	30.01	0	0	0	38.7	300.1	0	0	0	388.6	600.2	0	0	0	777.5	0	94.84	220.14	536.13
3	3	0+020.00	10	30.01	0	0	0	39.02	300.1	0	0	0	410.3	900.3	0	0	0	1187.8	0	142.26	330.22	804.2
4	4	0+030.00	10	30.01	0	0	0	43.04	300.1	0	0	0	420.65	1200.4	0	0	0	1608.45	0	189.67	440.29	1072.27
5	5	0+040.00	10	30.01	0	0	0	41.09	264.1	96	0	0	358.8	1464.5	96	0	0	1967.25	10.6	237.09	550.36	1340.34
6	6	0+050.00	10	22.81	19.2	0	0	30.67	223.1	213.55	0	0	304.7	1687.6	309.55	0	0	2271.95	33.96	284.51	660.43	1608.4
7	7	0+060.00	10	21.81	23.51	0	0	30.27	226.1	229.7	0	0	313	1913.7	539.25	0	0	2584.95	58.93	331.93	770.5	1876.47
8	8	0+070.00	10	23.41	22.43	0	0	32.33	206.9	243.85	0	0	274.7	2120.6	783.1	0	0	2859.65	85.31	379.34	880.32	2143.64
9	9	0+080.00	5.4	17.97	26.34	0	0	22.61	83.62	160.7	0	0	96.15	2204.2	943.8	0	0	2955.8	102.46	404.95	939.35	2286.99
10	10	0+085.40	4.6	13	33.18	0	0	13	60.72	157.55	0	0	60.72	2264.9	1101.4	0	0	3016.52	119.14	426.75	989.45	2408.44
11	11	0+090.00	0.34	13.4	35.32	0	0	13.4	4.56	12	0	0	4.56	2269.5	1113.4	0	0	3021.07	120.4	428.37	993.14	2417.4
12	KEEPG	0+090.34	9.66	13.4	35.29	0	0	13.4	135.3	342.21	0	0	135.29	2404.8	1455.6	0	0	3156.36	156.56	475.34	1099.85	2674.88
13	13	0+100.00	10	14.61	35.56	0	0	14.61	153.2	323.35	0	0	153.15	2557.9	1778.9	0	0	3309.51	190.89	526.46	1214.14	2949.05
14	14	0+110.00	5.4	16.02	29.11	0	0	16.02	87.59	149.5	0	0	87.59	2645.5	1928.4	0	0	3397.1	206.92	555.29	1277.87	3101.38
15	15	0+115.40	4.6	16.42	26.26	0	0	16.42	79.24	113.69	0	0	79.24	2724.8	2042.1	0	0	3476.33	219.21	580.43	1333.12	3233.16
16	16	0+120.00	0.4	18.03	23.17	0	0	18.03	7.21	9.24	0	0	7.21	2732	2051.4	0	0	3483.55	220.21	582.63	1337.94	3244.65
17	KEEPG	0+120.40	9.6	18.03	23.05	0	0	18.03	191.3	189.46	0	0	191.33	2923.3	2240.8	0	0	3674.87	241.08	635.33	1453.65	3520.48
18	18	0+130.00	10	21.83	16.42	0	0	21.83	244.1	117.15	0	0	264.55	3167.4	2358	0	0	3939.42	254.8	690.23	1574.18	3807.8
19	19	0+140.00	10	26.99	7.01	0	0	31.08	270.9	68.1	0	0	330.2	3438.3	2426.1	0	0	4269.62	263.61	745.14	1694.71	4095.12
20	20	0+150.00	10	27.19	6.61	0	0	34.96	267.9	68.05	0	0	347.9	3706.2	2494.1	0	0	4617.52	272.41	800.04	1815.24	4382.43

No.	Name	Km	Dist	CC(L)	CF<(L)	CFB(L)	CF>(L)	Trnh(L)	CC(A)	CF<(A)	CFB(A)	CF>(A)	Trnh(A)	CC(T)	CF<(T)	CFB(T)	CF>(T)	Trnh(T)	VegF(T)	Face Cours	Base(T)	Subb(T)	
21	21	0+160.00		26.39	7	0	0	34.62															
			8.11						205.1	68.12	0	0	268.21	3911.3	2562.2	0	0	4885.73	280.84	844.56	1912.97	4615.42	
22	22	0+168.11		24.19	9.8	0	0	31.53															
			1.89						45.37	18.91	0	0	59.17	3956.6	2581.1	0	0	4944.9	283.11	854.94	1935.77	4669.75	
23	23	0+170.00		23.79	10.2	0	0	31.05															
			10						214.9	119.5	0	0	302.4	4171.5	2700.6	0	0	5247.3	297.06	909.85	2056.29	4957.07	
24	24	0+180.00		19.18	13.7	0	0	29.43															
			10						193.1	131.35	0	0	297.8	4364.6	2832	0	0	5545.1	312.2	964.75	2176.82	5244.39	
25	25	0+190.00		19.44	12.57	0	0	30.13															
			10						179.4	140.7	0	0	280.95	4544	2972.7	0	0	5826.05	328.27	1019.65	2297.35	5531.71	
26	26	0+200.00		16.44	15.57	0	0	26.06															
			10						143.1	185.55	0	0	224.25	4687	3158.2	0	0	6050.3	348.82	1074.55	2417.88	5819.03	
27	27	0+210.00		12.17	21.54	0	0	18.79															
			10						105.7	240.3	0	0	159.3	4792.7	3398.5	0	0	6209.6	374.85	1129.46	2538.41	6106.34	
28	28	0+220.00		8.96	26.52	0	0	13.07															
			0.82						7.17	21.91	0	0	10.52	4799.9	3420.4	0	0	6220.11	377.21	1133.95	2548.27	6129.85	
29	29	0+220.82		8.56	27.06	0	0	12.64															
			0						0.02	0.05	0	0	0.03	4799.9	3420.5	0	0	6220.14	377.21	1133.96	2548.29	6129.9	
30	KEEPG	0+220.82		8.56	27.06	0	0	12.64															
			9.18						73.49	255.3	0	0	109.79	4873.4	3675.8	0	0	6329.93	404.58	1183.39	2657.34	6390.18	
31	31	0+230.00		7.45	28.56	0	0	11.28															
			10						37.25	329.6	0	0	68.55	4910.6	4005.4	0	0	6398.48	439.54	1234.9	2772.34	6665.62	
32	32	0+240.00		0	37.36	0	0	2.43															
			10						0	387.25	0	0	12.15	4910.6	4392.6	0	0	6410.63	480.26	1283.83	2883.53	6933.8	
33	33	0+250.00		0	40.09	0	0	0															
			0.82						0	32.84	0	0	0	4910.6	4425.5	0	0	6410.63	483.71	1287.72	2892.47	6955.48	
34	34	0+250.82		0	40.21	0	0	0															
			0.03						0	1.29	0	0	0	4910.6	4426.8	0	0	6410.63	483.85	1287.87	2892.82	6956.32	
35	KEEPG	0+250.85		0	40.22	0	0	0															
			9.15						0	378.17	0	0	0	4910.6	4804.9	0	0	6410.63	523.49	1331.26	2993.01	7199.77	
36	36	0+260.00		0	42.44	0	0	0															
			10						0	434.5	0	0	0	4910.6	5239.4	0	0	6410.63	568.94	1378.67	3102.99	7467.53	
37	37	0+270.00		0	44.46	0	0	0															
			10						0	455.4	0	0	0	4910.6	5694.8	0	0	6410.63	616.48	1426.09	3213.06	7735.6	
38	38	0+280.00		0	46.62	0	0	0															
			10						0	475.2	0	0	0	4910.6	6170	0	0	6410.63	666	1473.51	3323.13	8003.66	
39	39	0+290.00		0	48.42	0	0	0															
			10						0	493.6	0	0	0	4910.6	6663.6	0	0	6410.63	717.36	1520.93	3433.2	8271.73	
40	40	0+300.00		0	50.3	0	0	0															
			10						0	514.95	0	0	0	4910.6	7178.6	0	0	6410.63	770.86	1568.35	3543.28	8539.8	



No.	Name	Km	Dist	CC(L)	CF<(L)	CFB(L)	CF>(L)	Trnh(L)	CC(A)	CF<(A)	CFB(A)	CF>(A)	Trnh(A)	CC(T)	CF<(T)	CFB(T)	CF>(T)	Trnh(T)	VegF(T)	Face Cours	Base(T)	Subb(T)	
41	41	0+310.00		0	52.69	0	0	0															
			2.07						0	108.71	0	0	0	4910.6	7287.3	0	0	6410.63	782.14	1586.76	3554.67	8567.54	
42	KEEPGE	0+312.07		0	52.34	0	0	0															
			7.93						0	0	0	0	0	4910.6	7287.3	0	0	6410.63	803.69	1690.27	3554.67	8567.54	
43	43 B	0+320.00		0	0	0	0	0															
			2.07						0	0	0	0	0	4910.6	7287.3	0	0	6410.63	809.59	1717.29	3554.67	8567.54	
44	KEEPGE	0+322.07		0	54.98	0	0	0															
			6.86						0	384.74	0	0	0	4910.6	7672	0	0	6410.63	849.43	1778.31	3592.09	8658.33	
45	KEEPGE	0+328.93		0	57.19	0	0	0															
			0.04						0	2.34	0	0	0	4910.6	7674.4	0	0	6410.63	849.68	1778.51	3592.54	8659.41	
46	46	0+328.97		0	57.2	0	0	0															
			1.03						0	58.94	0	0	0	4910.6	7733.3	0	0	6410.63	855.78	1783.4	3603.78	8686.67	
47	47	0+330.00		0	57.35	0	0	0															
			10						0	580	0	0	0	4910.6	8313.3	0	0	6410.63	915.78	1832.23	3714.77	8954.45	
48	48	0+340.00		0	58.65	0	0	0															
			10						0	588.8	0	0	0	4910.6	8902.1	0	0	6410.63	976.66	1883.42	3829.25	9228.84	
49	49	0+350.00		0	59.11	0	0	0															
			8.97						0	527.53	0	0	0	4910.6	9429.7	0	0	6410.63	1031.2	1931.54	3935.5	9482.55	
50	KEEPGE	0+358.97		0	58.51	0	0	0															
			0						0	0.06	0	0	0	4910.6	9429.7	0	0	6410.63	1031.21	1931.55	3935.51	9482.58	
51	51	0+358.97		0	58.51	0	0	0															
			1.03						0	60.12	0	0	0	4910.6	9489.8	0	0	6410.63	1037.43	1937.2	3947.92	9512.14	
52	52	0+360.00		0	58.35	0	0	0															
			10						0	577.65	0	0	0	4910.6	10067	0	0	6410.63	1097.19	1992.1	4068.44	9799.46	
53	53	0+370.00		0	57.18	0	0	0															
			3.5						0	198.55	0	0	0	4910.6	10266	0	0	6410.63	1117.75	2011.31	4110.62	9900	
54	54	0+373.50		0	56.31	0	0	0															
			6.5						0	365.19	0	0	0	4910.6	10631	0	0	6410.63	1155.57	2047	4188.97	10086.78	
55	55	0+380.00		0	56.04	0	0	0															
			8.03						0	450.65	0	0	0	4910.6	11082	0	0	6410.63	1202.24	2091.08	4285.73	10317.44	
56	56	0+388.03		0	56.23	0	0	0															
			0						0	0.11	0	0	0	4910.6	11082	0	0	6410.63	1202.25	2091.09	4285.76	10317.5	
57	KEEPGE	0+388.03		0	56.22	0	0	0															
			1.97						0	110.63	0	0	0	4910.6	11193	0	0	6410.63	1213.7	2101.81	4309.34	10373.76	
58	58	0+390.00		0	56.09	0	0	0															
			10						0	561.15	0	0	0	4910.6	11754	0	0	6410.63	1271.82	2154.56	4426.31	10653.5	
59	59	0+400.00		0	56.14	0	0	0															
			10						0	555.9	0	0	0	4910.6	12310	0	0	6410.63	1329.41	2205.01	4539.67	10925.72	
60	60	0+410.00		0	55.04	0	0	0															
			8.03						0	436.96	0	0	0	4910.6	12747	0	0	6410.63	1374.71	2243.82	4628.26	11139.84	

No.	Name	Km	Dist	CC(L)	CF<(L)	CFB(L)	CF>(L)	Trnh(L)	CC(A)	CF<(A)	CFB(A)	CF>(A)	Trnh(A)	CC(T)	CF<(T)	CFB(T)	CF>(T)	Trnh(T)	VegF(T)	Face Cours	Base(T)	Subb(T)	
61	61	0+418.03		0	53.82	0	0	0															
			0.04						0	2.26	0	0	0	4910.6	12749	0	0	6410.63	1374.95	2244.02	4628.71	11140.95	
62	KEEPG	0+418.07		0	53.82	0	0	0															
			1.93						0	103.8	0	0	0	4910.6	12853	0	0	6410.63	1385.71	2253.17	4649.79	11192.09	
63	63	0+420.00		0	53.74	0	0	0															
			10						0	532.35	0	0	0	4910.6	13385	0	0	6410.63	1440.95	2300.59	4759.45	11458.74	
64	64	0+430.00		0	52.73	0	0	0															
			10						0	522.3	0	0	0	4910.6	13907	0	0	6410.63	1495.18	2348	4869.52	11726.81	
65	65	0+440.00		0	51.73	0	0	0															
			10						0	512.9	0	0	0	4910.6	14420	0	0	6410.63	1548.47	2395.42	4979.59	11994.88	
66	66	0+450.00		0	50.85	0	0	0															
			10						0	507.1	0	0	0	4910.6	14927	0	0	6410.63	1601.18	2442.84	5089.51	12262.4	
67	67	0+460.00		0	50.57	0	0	0															
			7.7						0	388.66	0	0	0	4910.6	15316	0	0	6410.63	1641.58	2479.35	5173.77	12467.09	
68	KEEPG	0+467.70		0	50.38	0	0	0															
			0						0	0.2	0	0	0	4910.6	15316	0	0	6410.63	1641.6	2479.37	5173.81	12467.19	
69	69	0+467.70		0	50.38	0	0	0															
			2.3						0	115.8	0	0	0	4910.6	15432	0	0	6410.63	1653.64	2490.33	5198.96	12528.14	
70	70	0+470.00		0	50.49	0	0	0															
			10						0	508.55	0	0	0	4910.6	15941	0	0	6410.63	1706.5	2539.73	5310.86	12797.65	
71	71	0+480.00		0	51.22	0	0	0															
			10						0	503.25	0	0	0	4910.6	16444	0	0	6410.63	1758.82	2591.82	5426.79	13075	
72	72	0+490.00		0	49.43	0	0	0															
			7.7						0	376.22	0	0	0	4910.6	16820	0	0	6410.63	1797.98	2633.53	5518.66	13294.15	
73	KEEPG	0+497.70		0	48.29	0	0	0															
			0						0	0.19	0	0	0	4910.6	16820	0	0	6410.63	1798	2633.55	5518.71	13294.26	
74	74	0+497.70		0	48.29	0	0	0															
			2.3						0	110.85	0	0	0	4910.6	16931	0	0	6410.63	1809.55	2646.16	5546.38	13360.23	
75	75	0+500.00		0	48.27	0	0	0															
			8.85						19.51	405.95	0	0	19.51	4930.1	17337	0	0	6430.14	1851.91	2694.74	5653.04	13614.48	
76	76	0+508.85		4.41	43.48	0	0	4.41															
			1.15						6.23	48.74	0	0	6.23	4936.4	17386	0	0	6436.37	1857.02	2701.06	5666.91	13647.55	
77	77	0+510.00		6.41	41.21	0	0	6.41															
			9.99						184.9	277.07	0	0	221.98	5121.2	17663	0	0	6658.35	1886.72	2755.91	5787.32	13934.58	
78	KEEPG	0+519.99		30.6	14.26	0	0	38.03															
			0						0.09	0.04	0	0	0.11	5121.3	17663	0	0	6658.46	1886.73	2755.92	5787.36	13934.67	
79	79	0+519.99		30.6	14.26	0	0	38.04															
			0.01						0.21	0.1	0	0	0.27	5121.5	17663	0	0	6658.73	1886.74	2755.96	5787.44	13934.87	
80	80	0+520.00		30.6	14.26	0	0	38.04															
			10						307.5	71.3	0	0	406.8	5429	17734	0	0	7065.53	1894.87	2809.61	5905.9	14217.7	

No.	Name	Km	Dist	CC(L)	CF<(L)	CFB(L)	CF>(L)	Trnh(L)	CC(A)	CF<(A)	CFB(A)	CF>(A)	Trnh(A)	CC(T)	CF<(T)	CFB(T)	CF>(T)	Trnh(T)	VegF(T)	Face Cours	Base(T)	Subb(T)
81	81	0+530.00	10	30.89	0	0	0	43.32	304.7	0	0	0	430.65	5733.7	17734	0	0	7496.18	1894.87	2860.75	6020.32	14492.01
82	82	0+540.00	9.99	30.05	0	0	0	42.81	297.9	0	0	0	422.35	6031.6	17734	0	0	7918.53	1894.87	2909.37	6131.03	14759.29
83	83	0+549.99	0.01	29.57	0	0	0	41.72	0.21	0	0	0	0.29	6031.8	17734	0	0	7918.83	1894.87	2909.4	6131.1	14759.47
84	84	0+550.00	0.03	29.57	0	0	0	41.72	0.89	0	0	0	1.25	6032.7	17734	0	0	7920.08	1894.87	2909.54	6131.43	14760.27
85	KEEPG	0+550.03	9.97	29.57	0	0	0	41.71	296.8	0	0	0	412.36	6329.4	17734	0	0	8332.44	1894.87	2956.81	6240.63	15025.67
86	86	0+560.00	10	29.96	0	0	0	41.01	299.9	0	0	0	407.75	6629.3	17734	0	0	8740.19	1894.87	3004.23	6350.66	15293.55
87	87	0+570.00	10	30.01	0	0	0	40.54	300.1	0	0	0	408.45	6929.4	17734	0	0	9148.64	1894.87	3051.65	6460.73	15561.62
88	88	0+580.00	7.27	30.01	0	0	0	41.15	218	0	0	0	300.59	7147.4	17734	0	0	9449.23	1894.87	3086.1	6540.69	15756.37
89	89	0+587.27		30.01	0	0	0	41.6														

CC	CC length
CF<	CF less length
CFB	CF between length
CF>	CF more length
Trnh	Trench length
Surface Coarse	Pavement Surface Coarse layer area
Base	Pavement base layer area
Subb	Pavement subbase layer area



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