FIGURES

INDEX OF SHEETS

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN SAN DIEGO COUNTY IN SAN DIEGO FROM MERCY ROAD UNDERCROSSING TO 0.6 KM SOUTH OF THE ROUTE 56/15 SEPARATION

To be supplemented by Standard Plans dated July, 1999

DIST	COUNTY	ROUTE	KILOPOST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
11	SD	15	M27.8/M30.7	1	XX

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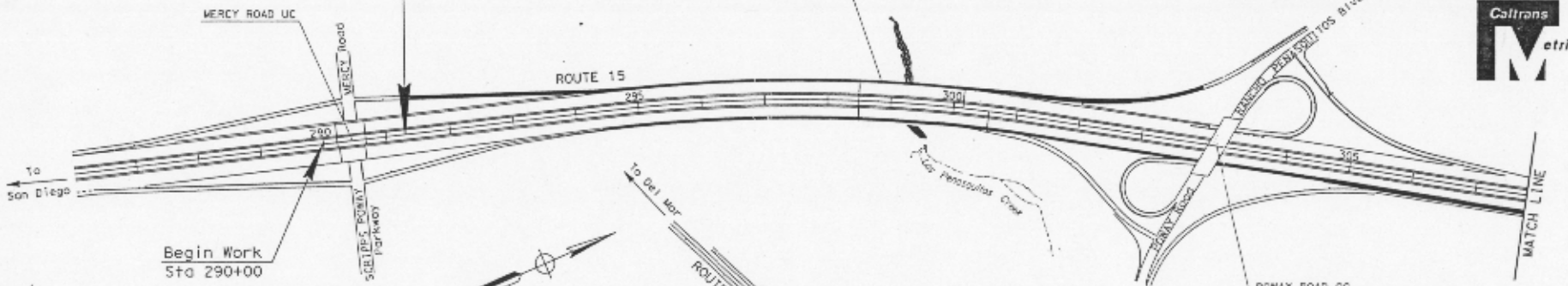
SAN DIEGO

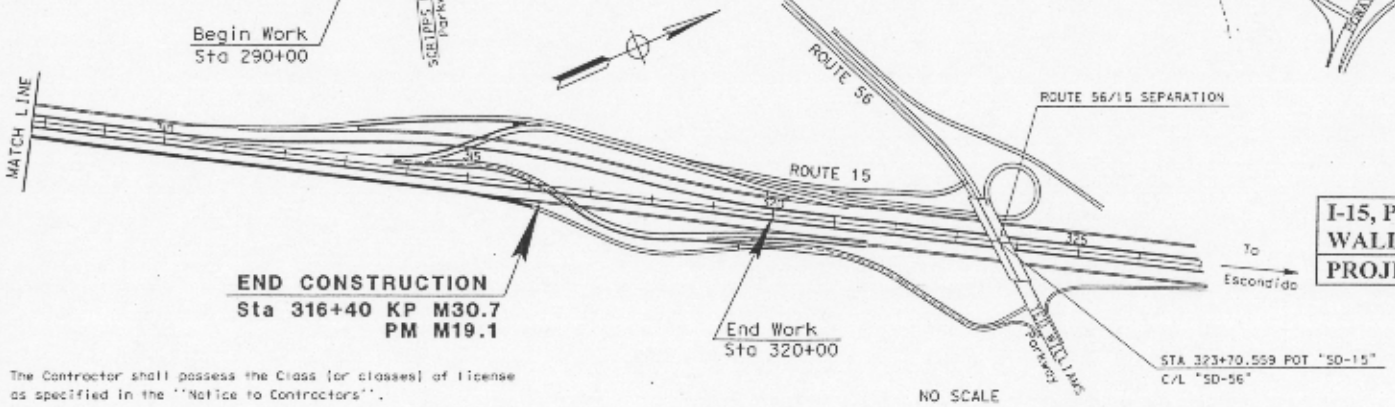
BEGIN CONSTRUCTION
Sta 291+29 KP M27.8
PM M17.3

LOS PENASQUITOS CREEK BRIDGE
Br No. 57-106 R/L

MERCY ROAD UC



POWAY ROAD OC
STA 304+16.151 POT "SD-15" BK
STA 302+90.000 POT "SD-15" AH



END CONSTRUCTION
Sta 316+40 KP M30.7
PM M19.1

STA 323+70.559 POT "SD-15"
C/L "SD-56"

The Contractor shall possess the Class [or classes] of license as specified in the "Notice to Contractors".

NO SCALE

I-15, PROPOSED RETAINING WALLS	FIGURE 1
PROJECT LOCATION	EA 11-2326u1

Contract No. 11-2326U4

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

CU 11234 EA 2326U1

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	15	M27.8/M30.7		

REGISTERED CIVIL ENGINEER — M.N. KAEMS 49242 — 6-30-04 — CIVIL

BASIS APPROVAL DATE

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Caltrans Metric

I-15, PROPOSED RETAINING WALLS	FIGURE 2-1
WALL RW1	EA –11-2326u1

JT

BEGIN RETAINING WALL RW1

TOTAL LENGTH OF RETAINING WALL RW1 = 277.970 m MEASURED ALONG RW1 LOL

END RETAINING WALL RW1

TOP OF RETAINING WALL

TOP OF CONCRETE BARRIER TYPE 25A

FG

600 mm RCP DRAINAGE UNIT #4
INLET ELEV. 126.857 m

RW1-B1
Boring Location

131
129
127

10+00 10+50 11+00 11+50 12+00 12+50

DEVELOPED ELEVATION
SCALE: HORIZONTAL 1:500
VERTICAL 1:125

Drainage #1
Sta 298+37.80

ASPH CONC DITCH

296 297 298

ROUTE 15

"SD-15" LINE

RW1-B1

"RW1" LINE

RW1 LOL

36.091 m Rt 295+66.002 "SD-15"
= 10+00.000 "RW1"
BEGIN RETAINING WALL RW1

35.734 m Rt 298+48.145 "SD-15"
= 12+77.970 "RW1"
END RETAINING WALL RW1

N22°19'15.4"E

PLAN
1:500

CURVE DATA				
NO.	R	Δ	T	L
①	2436.848 m	15°33'31"	332.910 m	661.729 m
②	2400.790 m	6°17'05.2"	131.803 m	263.340 m

"SD-15" "RW1" LINE = RW1 LOL

VARIES

RSP B11-53 CONCRETE BARRIER TYPE 25A

RSP B3-1 RETAINING WALL (TYPE 1)

450 mm

FG

OG

1.50

T

FOUNDATION TREATMENT STRUCTURE BACKFILL (RETAINING WALL)

TYPICAL SECTION
NO SCALE

RETAINING WALL PLAN
RW1

SCALE: AS SHOWN

R-1

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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DGN FILE = s2326u1231.dgn

CU 11234 EA 2326U1

LAST REVISION 01-07-03 DATE PLOTTED = 01-APR-2003 TIME PLOTTED = 07:41:57

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE
PROJECT ENGINEER MARK W. KAEMS
CALCULATED/DESIGNED BY
CHECKED BY
DATE REVISED BY
DATE REVISED

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
11	SD	15	M27.8/M30.7		

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

M.W. KAEMS
49242
9-30-04
CIVIL
STATE OF CALIFORNIA

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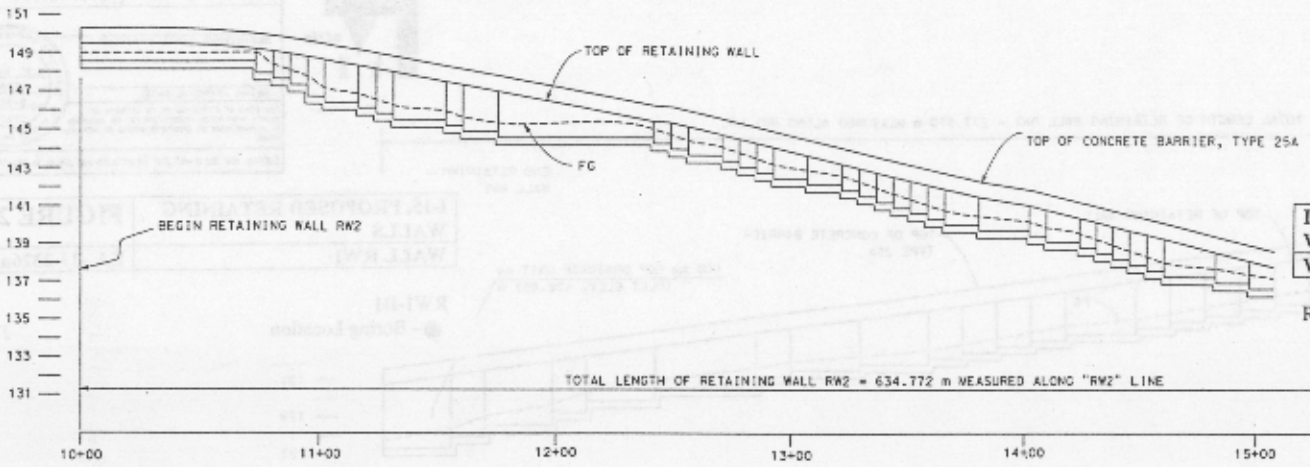
Caltrans Metric

I-15, PROPOSED RETAINING WALLS	FIGURE 2-2
WALL RW2	EA –11-2326u1



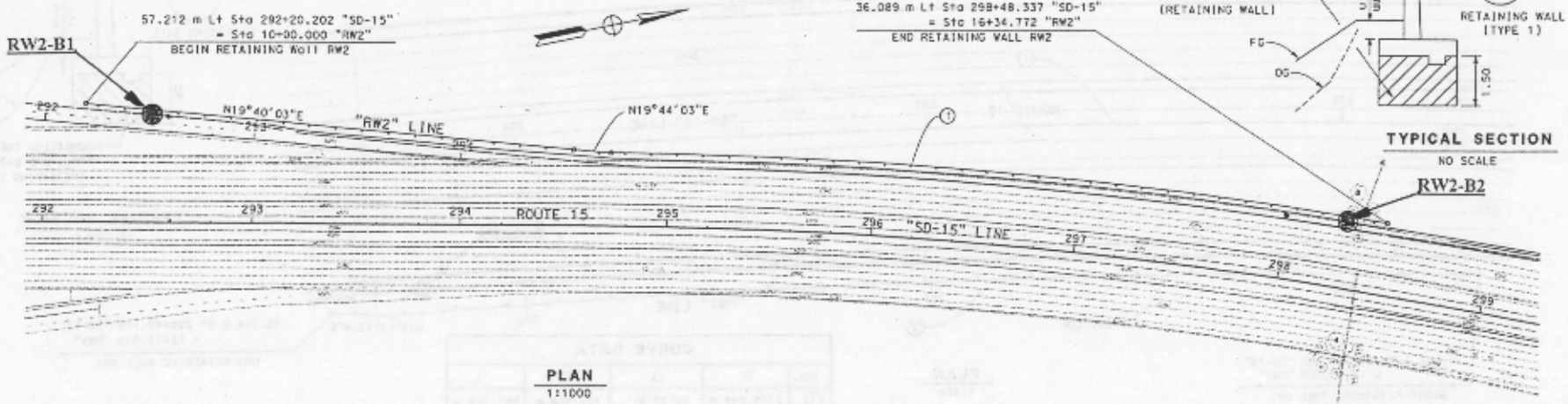
RW2-B1
● – Boring Locations

JT

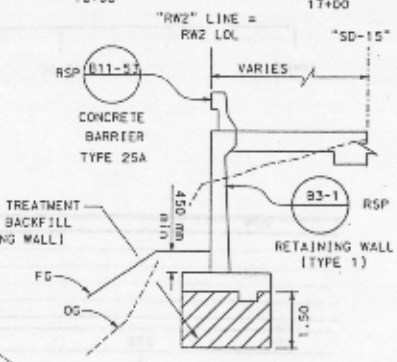
DEVELOPED MIRROR ELEVATION
SCALE: HORIZONTAL 1:1000
VERTICAL 1:125

CURVE DATA

No.	R	Δ	T	L
1	2472.97 m	08°56'57"	193.52 m	386.25 m



PLAN
1:1000



TYPICAL SECTION
NO SCALE

RETAINING WALL PLAN
RW2

SCALE: AS SHOWN

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

R-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE

PROJECT ENGINEER: MARK W. KAEMS

CALCULATED/DESIGNED BY | CHECKED BY | DATE REVISED BY | DATE REVISED

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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DGN FILE => b2326u0005.dgn

CU 11234 | EA 2326U1

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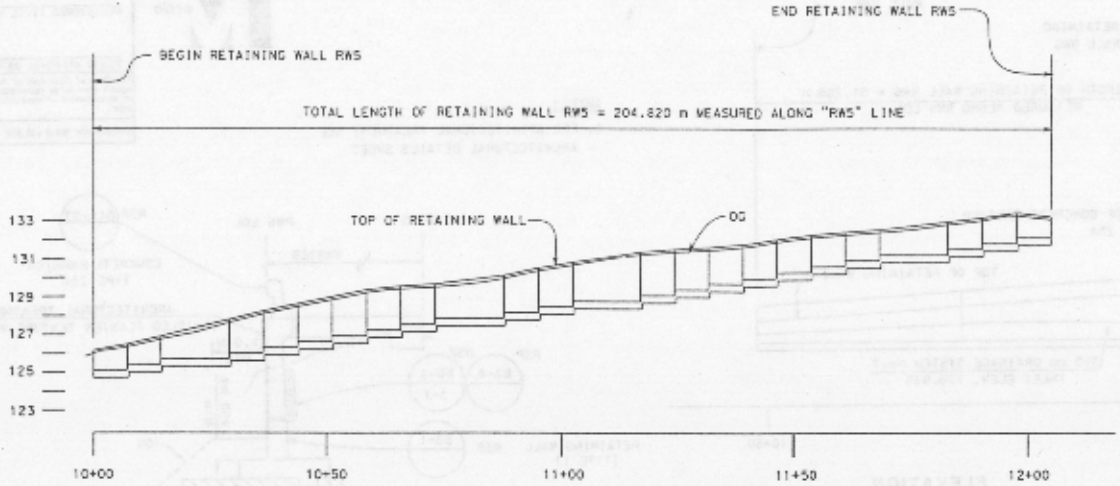
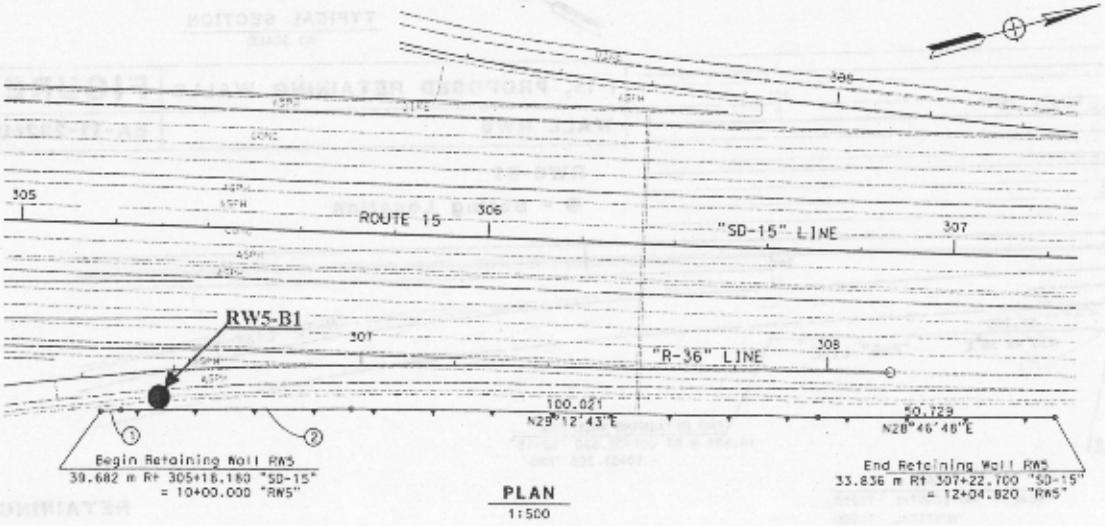
TIME PLOTTED => 14:07
01-07-03



DEVELOPED REAR ELEVATION

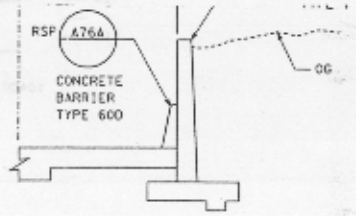
SCALE: HORIZONTAL 1:500
VERTICAL 1:125



PLAN
1:500

RW5-B1
● – Boring Location

JT



TYPICAL SECTION
No Scale

CURVE DATA

No.	R	Δ	T	L
①	593.56	0°25'25"	2.19	4.39
②	993.76	2°51'52"	24.85	49.68

I-15, PROPOSED RETAINING WALLS	FIGURE 2-5
WALL RW5	EA -11-2326u1

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
11	SD	15	M27.8/M30.7		

REGISTERED CIVIL ENGINEER
PLANS APPROVAL DATE
CIVIL
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DATE REVISED BY
DATE REVISED

RETAINING WALL PLAN
RW5

R-12

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SCALE: AS SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

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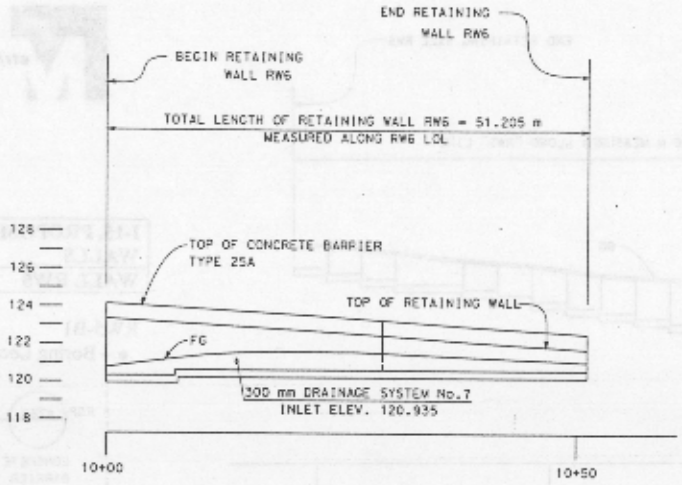
CU 11234

EA 2326U1

DATE PLOTTED = 01-APR-2003
TIME PLOTTED = 15:14:37
01-07-03

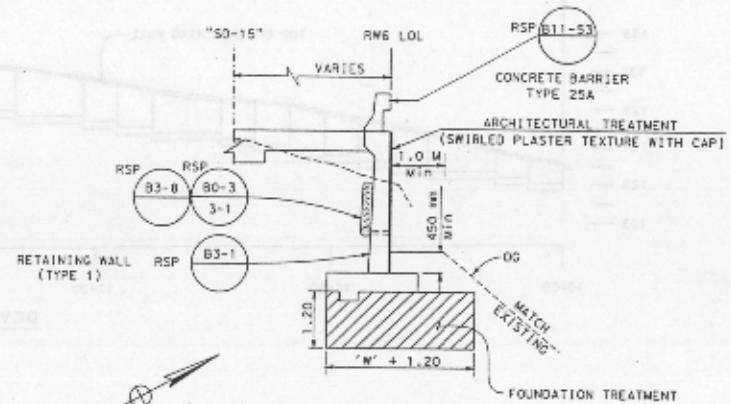


ELEVATION

SCALE: HORIZONTAL 1:250
VERTICAL 1:125

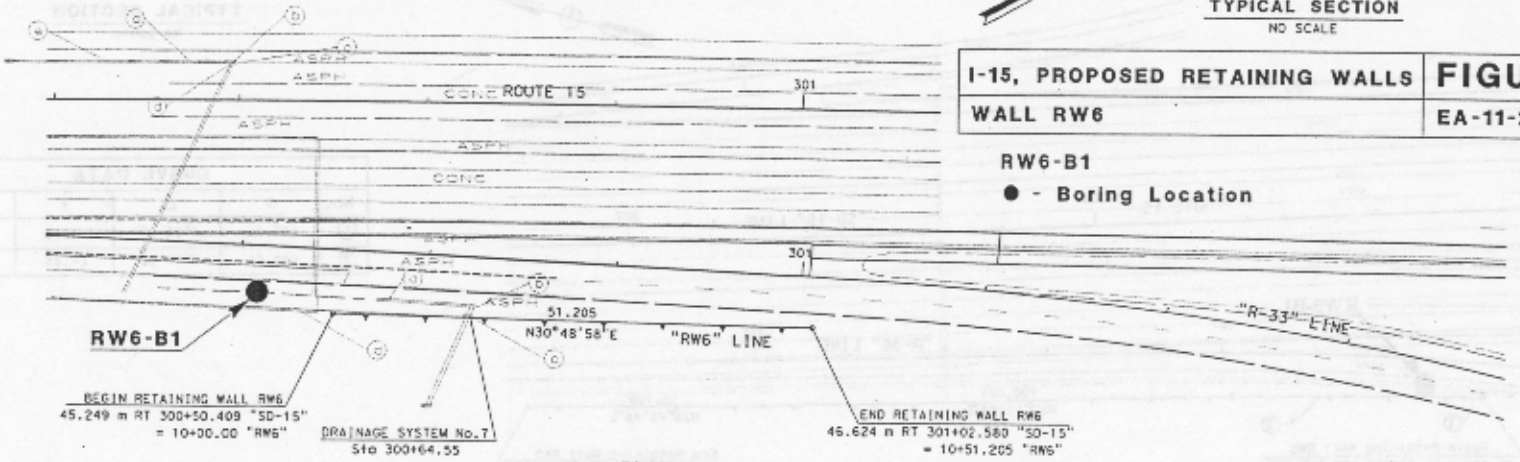
NOTE:

1. FOR ARCHITECTURAL TREATMENT SEE ARCHITECTURAL DETAILS SHEET



TYPICAL SECTION

NO SCALE



PLAN

SCALE: HORIZONTAL 1:250
VERTICAL 1:500

I-15, PROPOSED RETAINING WALLS	FIGURE 2-6
WALL RW6	EA-11-2326U1

RW6-B1

● - Boring Location

RETAINING WALL PLAN

RW6

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SCALE: AS SHOWN

R-12

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
11	SD	15	M27.8/M30.7		

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DATE REVISED

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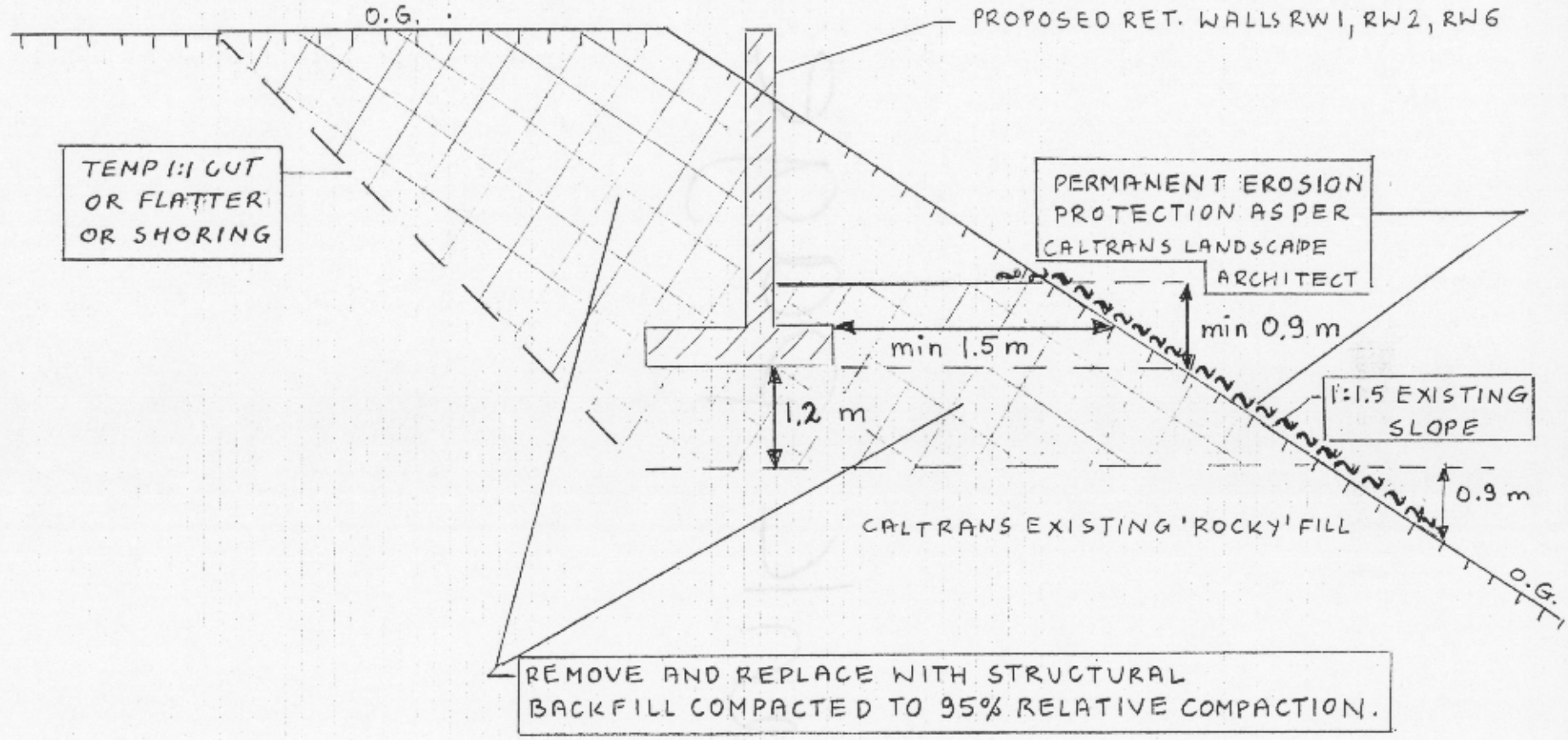
DGN FILE = Boring Sht.dgn

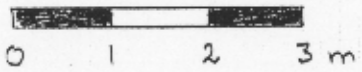
CU 11234

EA 2326U1

PLOTTED = 11-JAN-2003
04-28-0



SCALE



I-15, PROPOSED RETAINING WALLS	**FIGURE 3**
WALLS RW1, RW2, RW6: TYPICAL FOUNDATION IMPROVEMENT SECTION	**EA 11-2326u1**