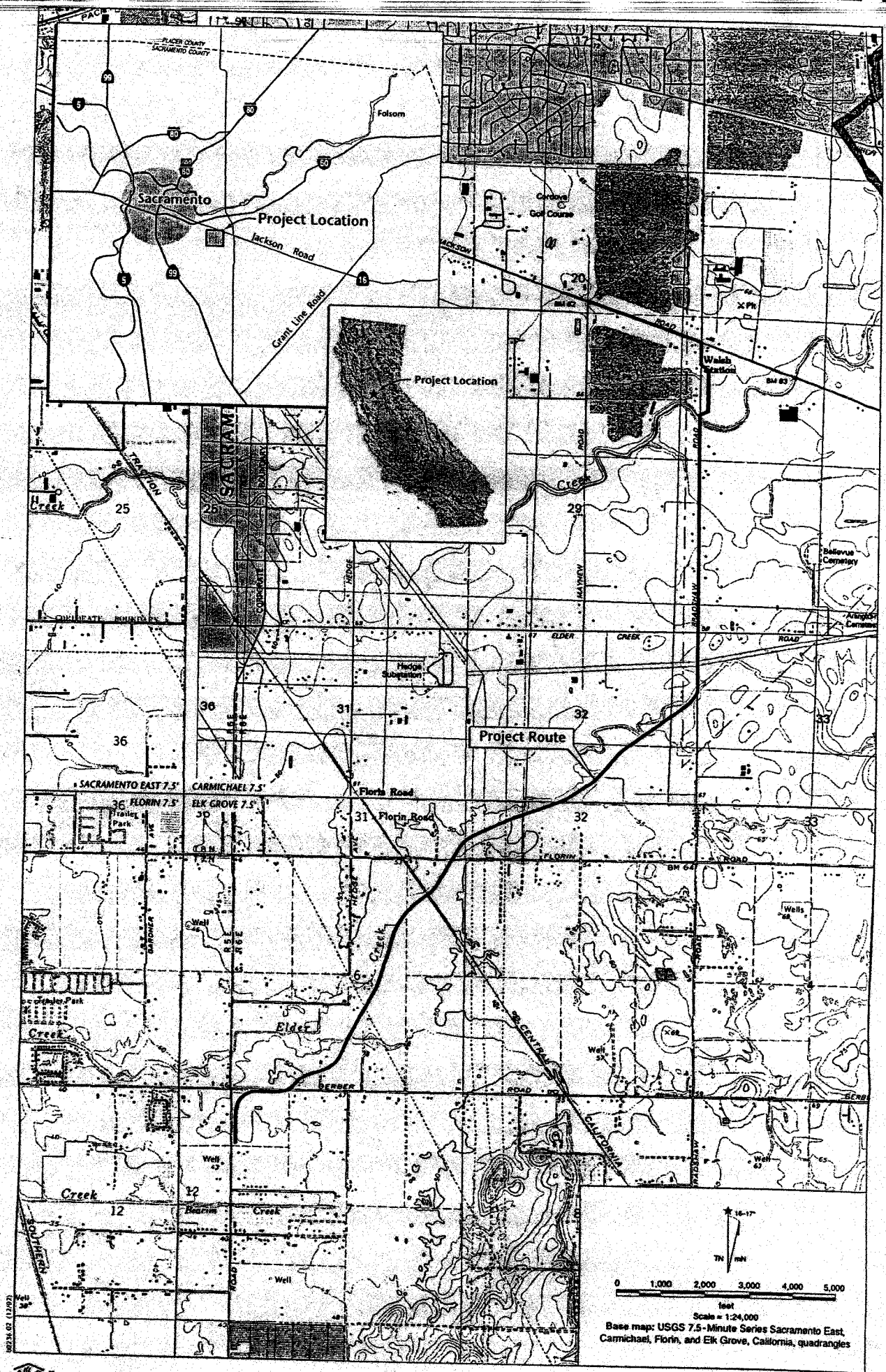


Jones & Stokes

Figure 1
Location of the Bradshaw 6 Interceptor Alignment

Table 1. Jurisdictional Waters Affected by Proposed Bradshaw 6A Project

Habitat	Temporary Effects	Permanent Effects
Seasonal Wetlands		
SW-5	0.1647	0.0191
SW-6	0.0257	0.0003
SW-7	0.0359	
SW-11	0.0559	
SW-12	0.3195	
SW-13	0.0626	
SW-14	0.1088	
SW-18	0.1797	
SW-2002A	0.0183	
SW-2002B	0.0650	0.0161
Vernal Pools		
VP-4	0.0434	
VP-5	0.0613	0.0063
Total Wetlands	**1.1408**	**0.0418**
Other Waters of the United States		
ST-1	0.1046	0.0040
ST-2	0.0703	
ST-3	0.1115	0.0045
ST-4	0.0644	
ST-5	0.2602	
ST-6	0.1294	
ST-7	0.0932	
ST-8	0.0855	
Total Other Waters	0.9191	0.0085
Total Impact Acreages	**2.0599**	**0.0503**

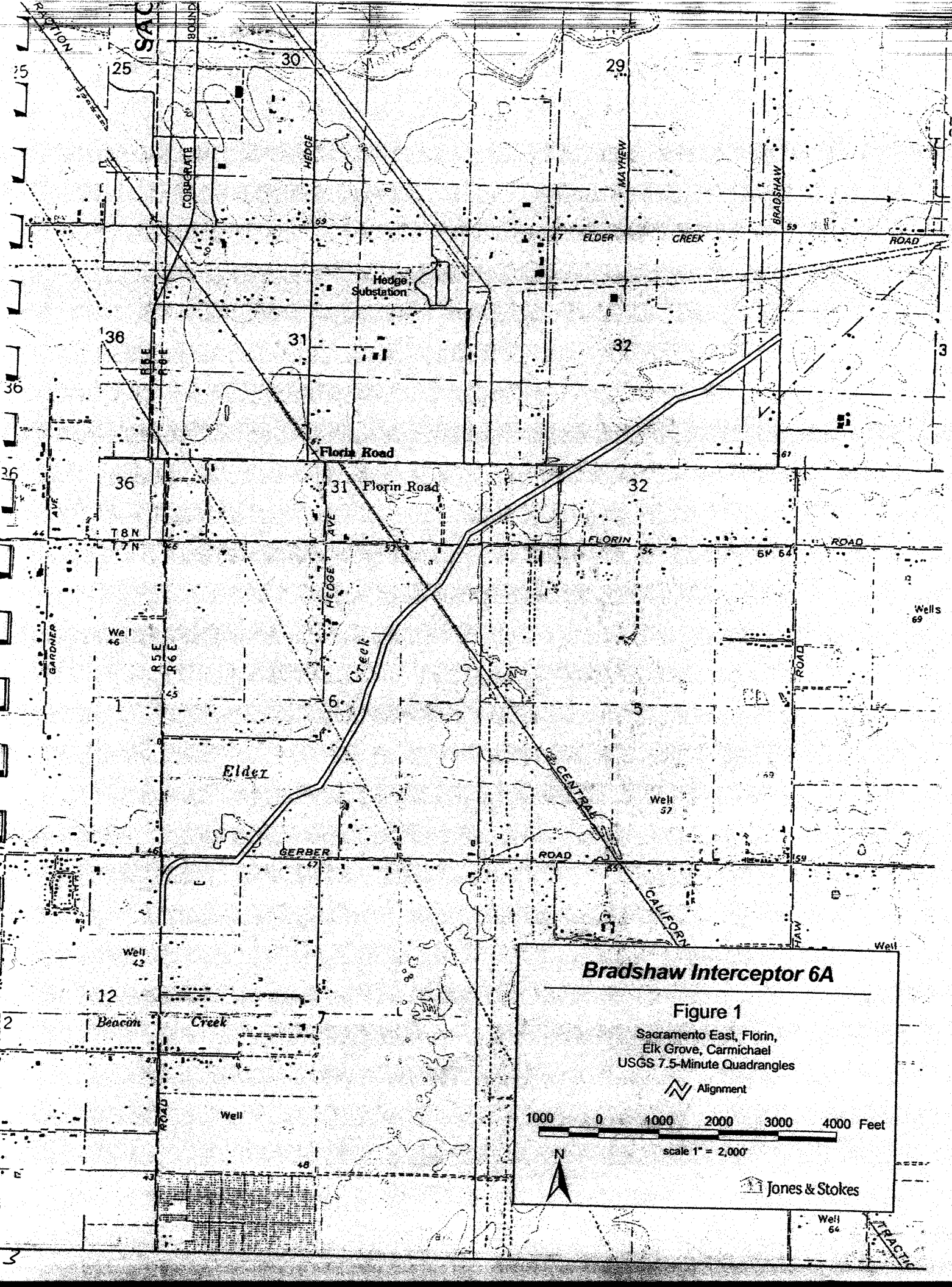
BR6B: The proposed project would temporarily affect 0.24 acre of jurisdictional waters: 0.03 acre of wetlands and 0.21 acre of stream habitat. Access road construction would permanently affect approximately 0.004 acre of vernal pool habitat.

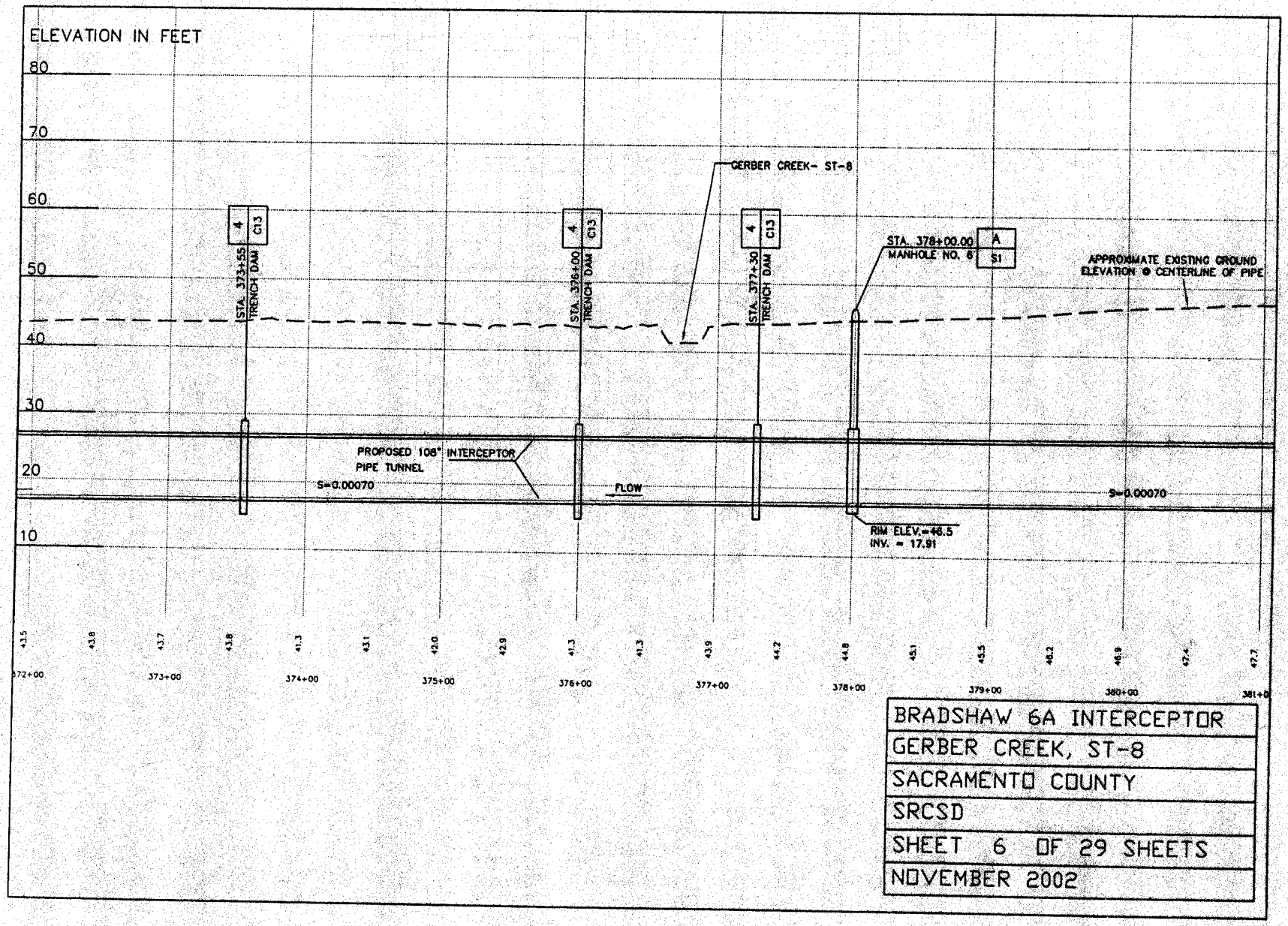
Table 2. Jurisdictional Waters Affected by Proposed Bradshaw 6B Project

Habitat	Temporary Effects	Permanent Effects
Vernal Pools		
VP 7	0.030	0.004
Waters of the United States		
Elder Creek	0.090	
Drainage Ditch 12	0.120	
Total Impact Acreages	**0.240**	**0.004**

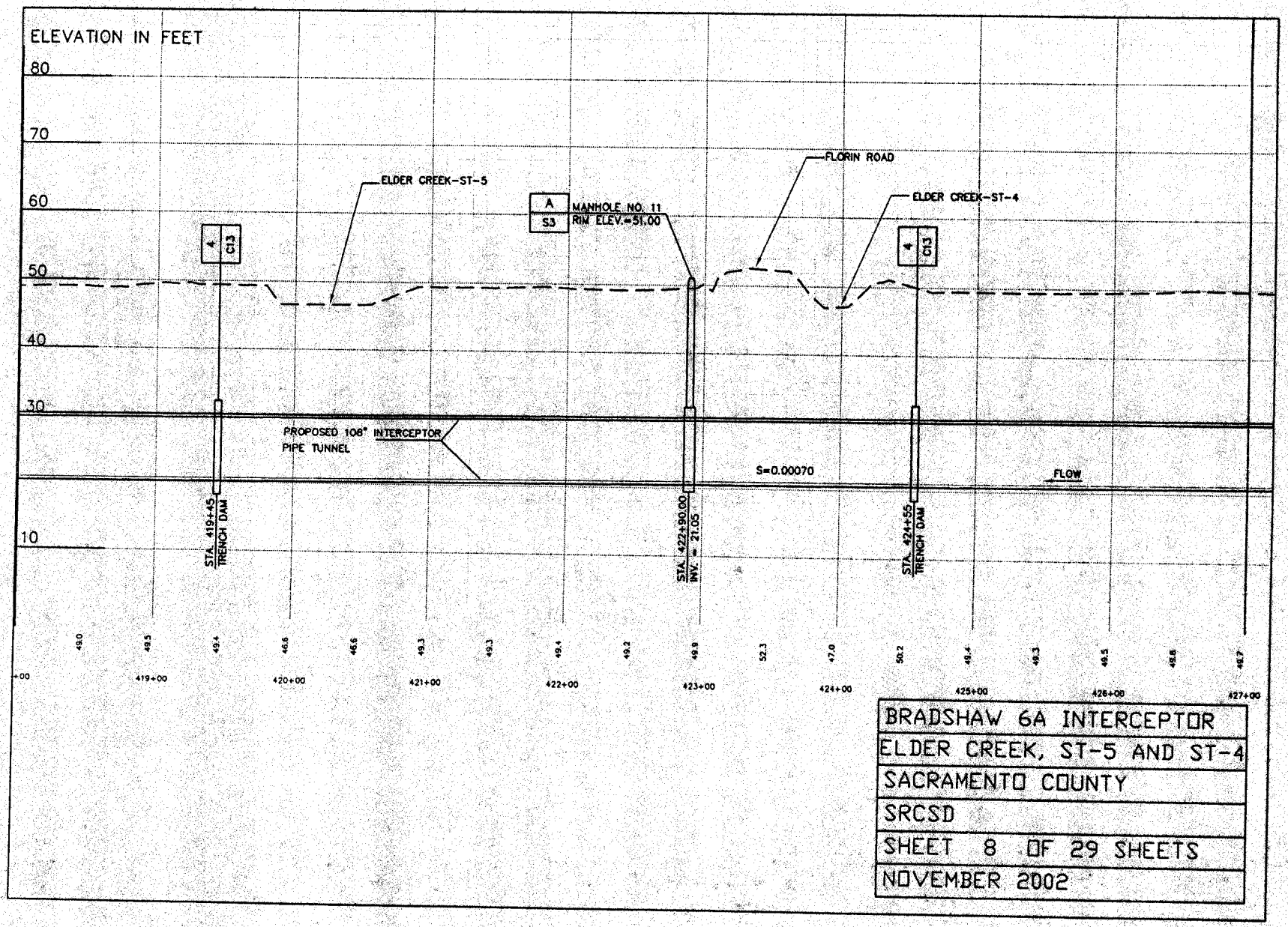
Block 24. Please see adjoining spreadsheets for the names of the names and addresses of adjoining property owners, lessees, etc., whose property adjoins the project site.

2


Bradshaw Interceptor 6A
Figure 1
Sacramento East, Florin,
Elk Grove, Carmichael
USGS 7.5-Minute Quadrangles
Alignment
1000 0 1000 2000 3000 4000 Feet
scale 1" = 2,000'
N
Jones & Stokes
Hedge Substation
Florin Road
Florin Road
ELDER CREEK ROAD
FLORIN ROAD
GERBER ROAD
Elder Creek
Beacon Creek
CENTRAL CALIFORN
HEDGE AVE
MAYHEW
BRADSHAW
CORPORATE
GARDNER AVE
T8N
T7N
R5E
R6E
Well
Wells

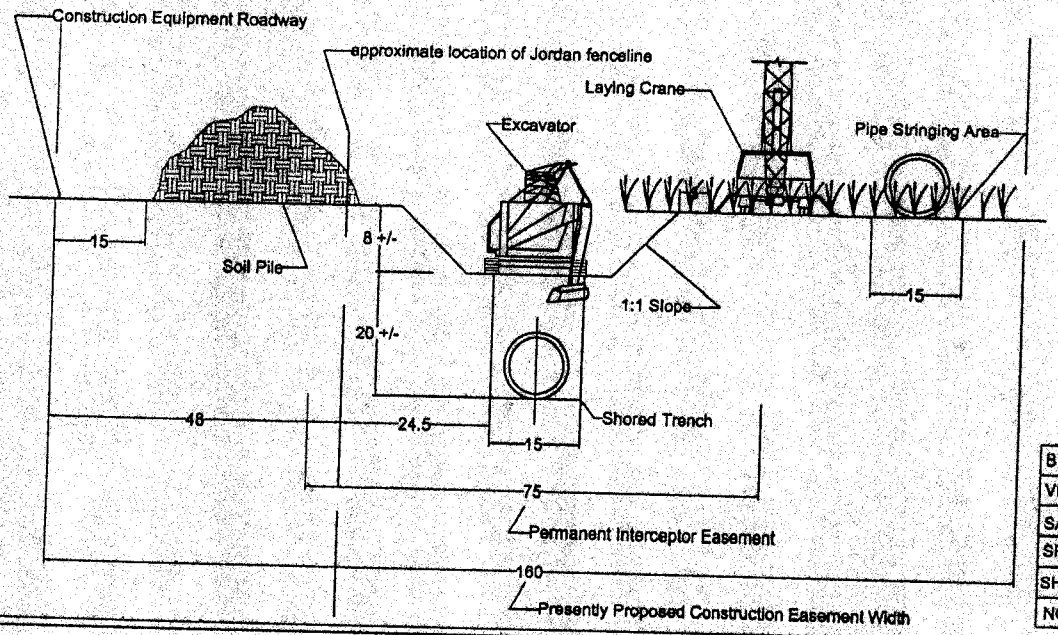


BRADSHAW 6A INTERCEPTOR
GERBER CREEK, ST-8
SACRAMENTO COUNTY
SRCSD
SHEET 6 OF 29 SHEETS
NOVEMBER 2002


ELEVATION IN FEET
80
70
60
50
40
30
10
ELDER CREEK-ST-5
FLORIN ROAD
ELDER CREEK-ST-4
A
S3
MANHOLE NO. 11
RIM ELEV.=51.00
4
C13
4
C13
PROPOSED 108" INTERCEPTOR
PIPE TUNNEL
S=0.00070
FLOW
STA. 419+45
TRENCH DAM
STA. 422+90.00
INV. = 21.05
STA. 424+55
TRENCH DAM
49.0
49.5
49.4
46.6
46.6
49.3
49.3
49.4
49.2
49.8
52.3
47.0
50.2
48.4
48.3
48.5
48.8
48.7
+00
419+00
420+00
421+00
422+00
423+00
424+00
425+00
426+00
427+00
BRADSHAW 6A INTERCEPTOR
ELDER CREEK, ST-5 AND ST-4
SACRAMENTO COUNTY
SRCSD
SHEET 8 OF 29 SHEETS
NOVEMBER 2002

LIMITS OF VP-4

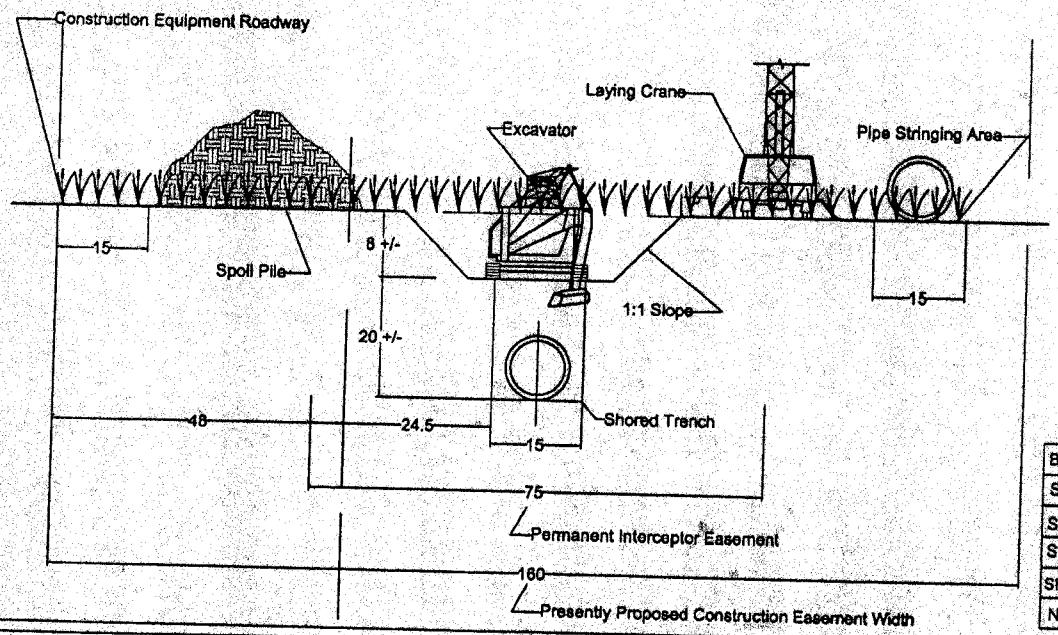
TRENCH CROSS SECTION (TAKEN LOOKING NORTH)



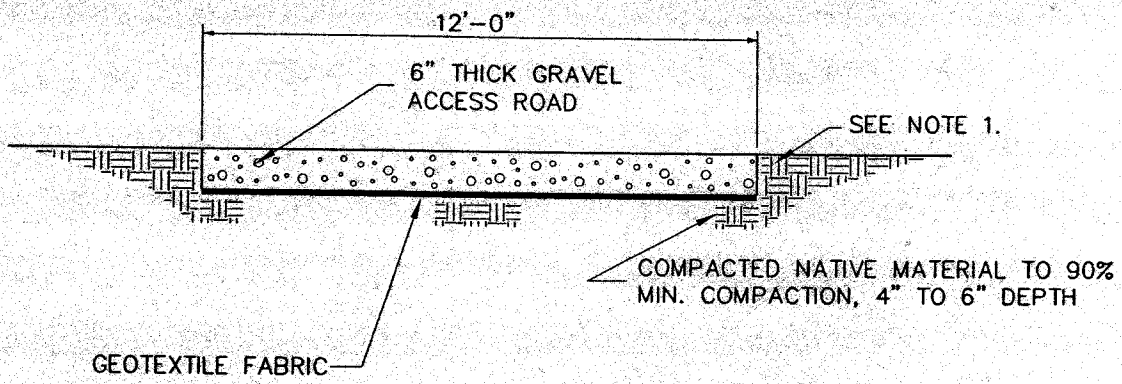
BRADSHAW 6A
VP-4, VERNAL POOL
SACRAMENTO COUNTY
SRCSD
SHEET 19 OF 29 SHEETS
NOVEMBER 2002

LIMITS OF SW-5

TRENCH CROSS SECTION (TAKEN LOOKING NORTH)

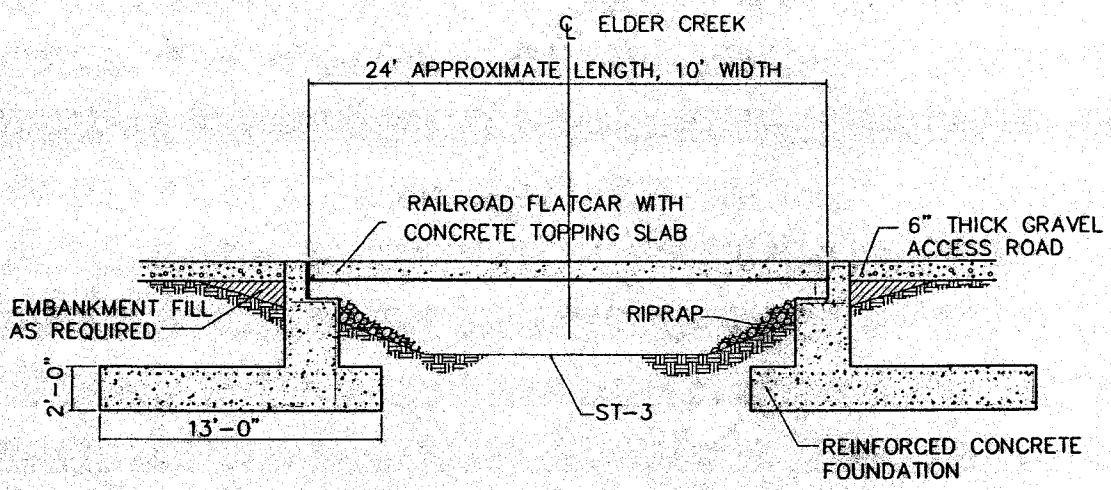


BRADSHAW 6A
SW-5, SEASONAL WETLAND
SACRAMENTO COUNTY
SRCSD
SHEET 22 OF 29 SHEETS
NOVEMBER 2002



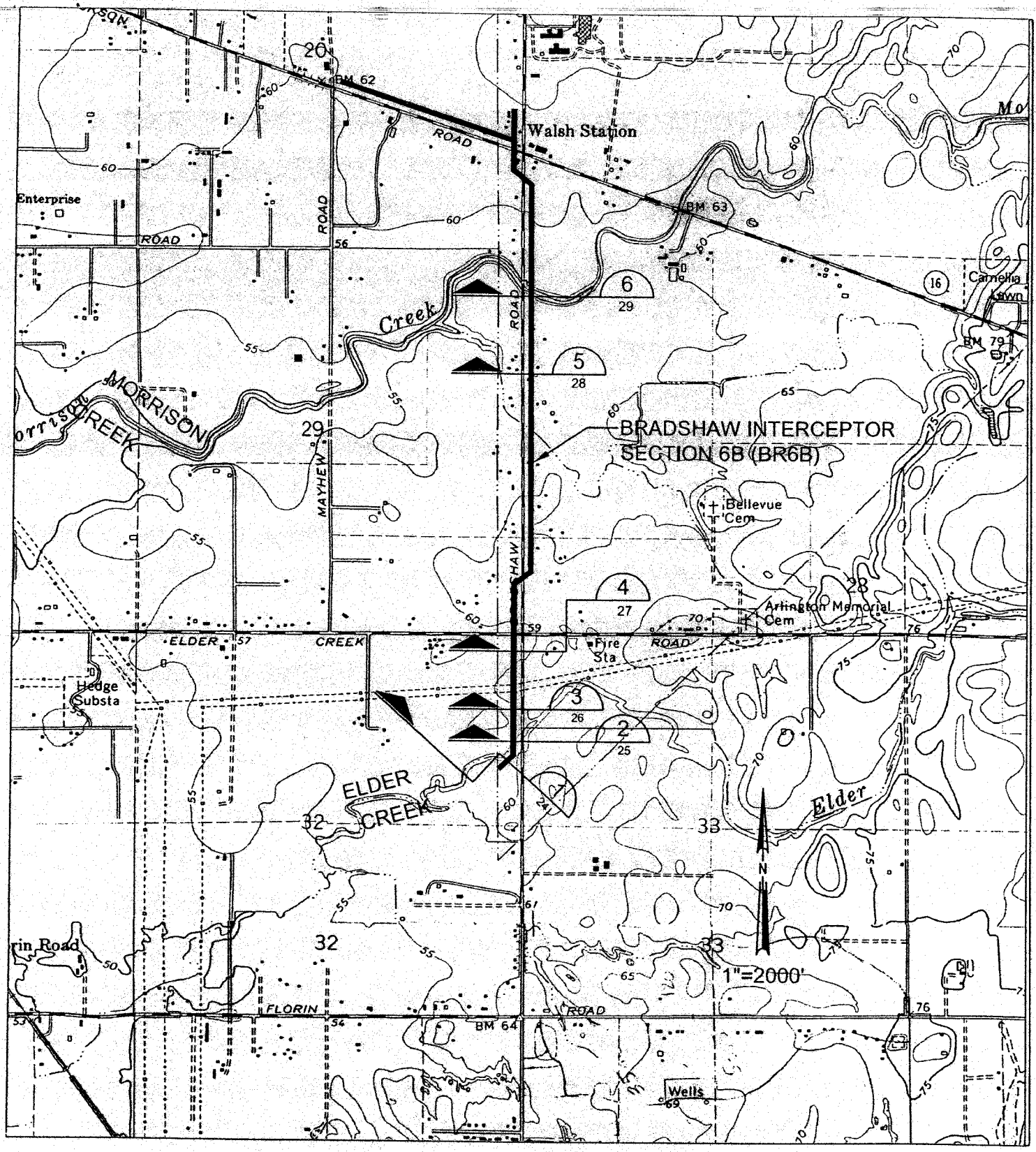
NOTES
1. TOPSOIL FROM ANY SEASONAL WETLAND OR VERNAL POOL SHALL BE STRIPPED TO AN APPROX. 4-INCH DEPTH. STOCKPILED, AND SHALL BE RETURNED TO ITS PRECONSTRUCTION LOCATION

BRADSHAW 6A INTERCEPTOR
ACCESS ROAD DETAIL
SACRAMENTO COUNTY
SRCSD
SHEET 3 OF 29 SHEETS
NOVEMBER 2002



RAILROAD FLATCAR BRIDGE CROSSING AT ELDER CREEK (1 REQUIRED)

BRADSHAW 6A INTERCEPTOR
ELDER CREEK, ST-3
SACRAMENTO COUNTY
SRCSD
SHEET 4 OF 29 SHEETS
NOVEMBER 2002



PORTIONS OF USGS CARMICHAEL AND ELK GROVE QUADRANGLES

PURPOSE: PROVIDE SEWER RELIEF CAPACITY AND CAPACITY FOR PLANNED GROWTH

DATUM: NVGD 29

ADJACENT PROPERTY OWNERS:
1.
2.

CH2MHILL

PROPOSED BRADSHAW INTERCEPTOR SECTION 6B

IN: ELDER AND MORRISON CREEKS
AT: BRADSHAW ROAD
COUNTY OF: SACRAMENTO STATE: CA
APPLICATION BY: SRCSD
SHT 23 OF 29 DATE: 10/31/02

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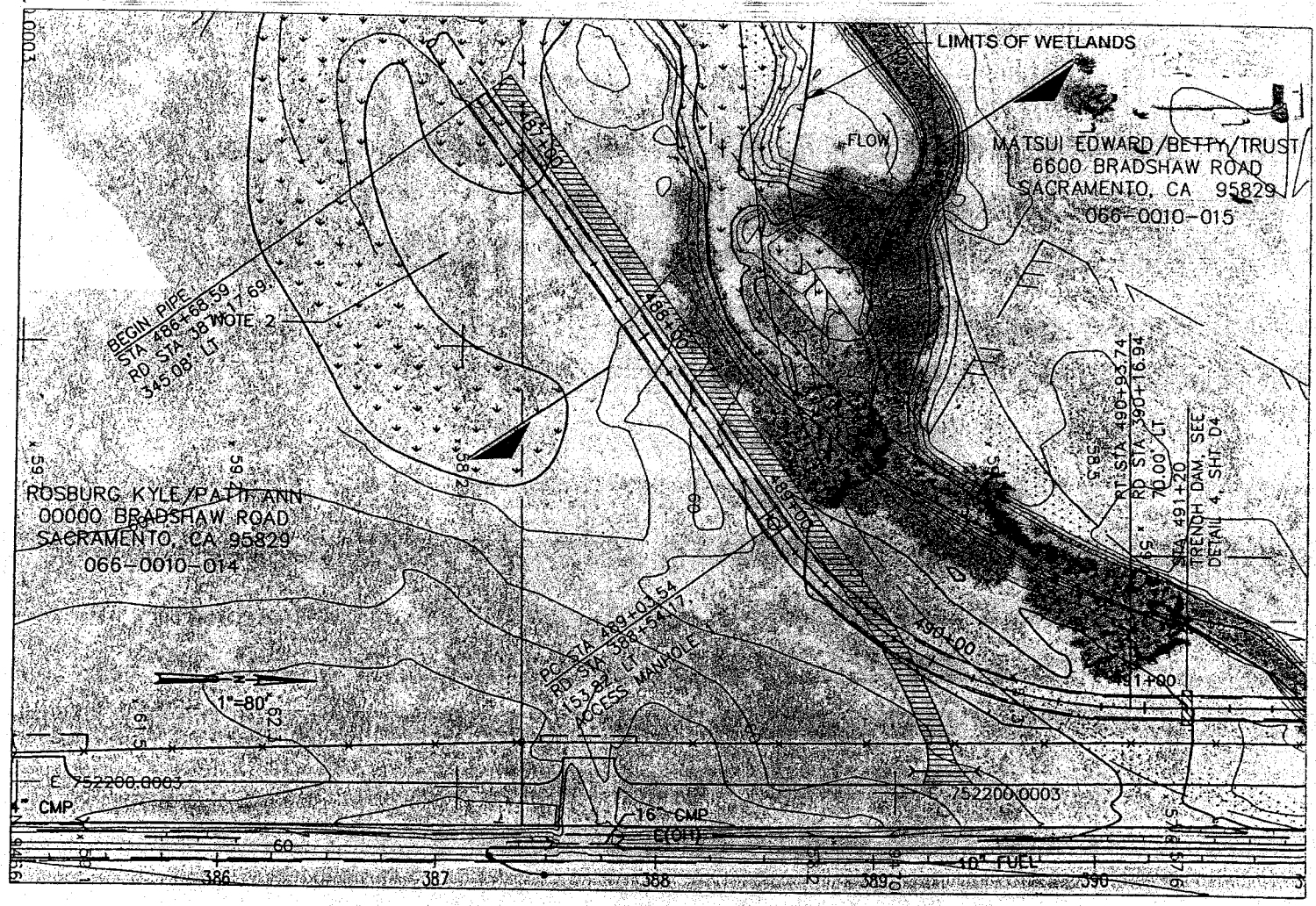
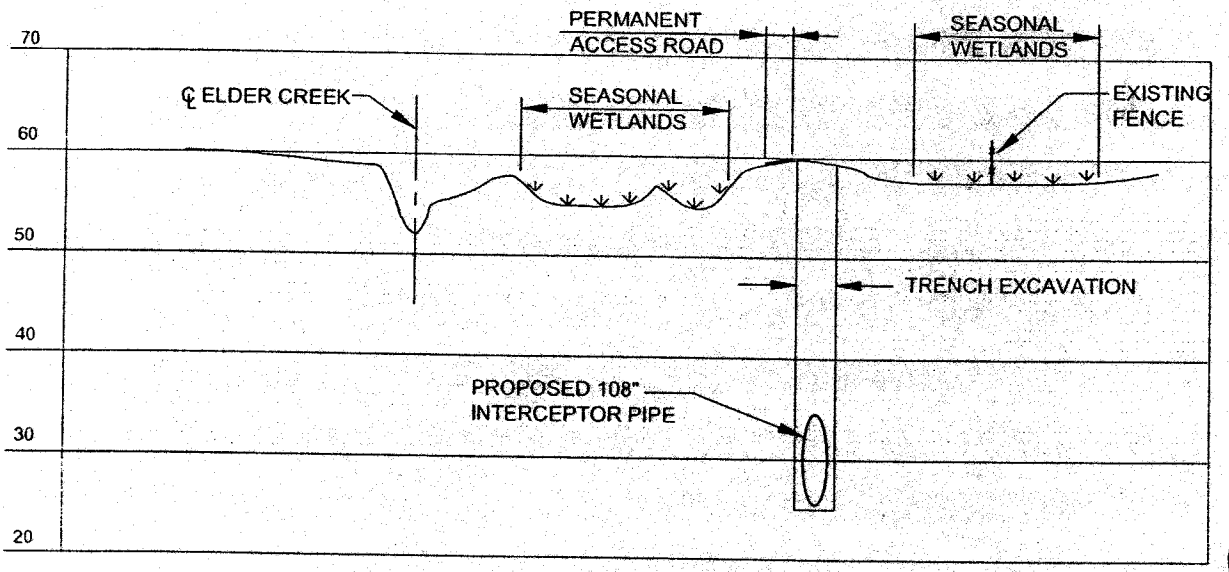


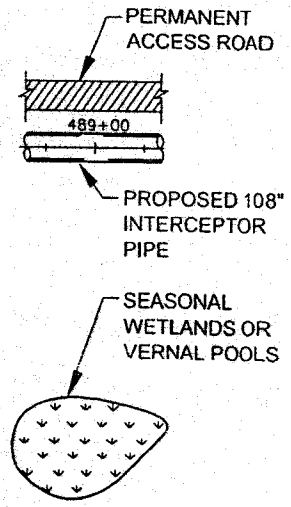
PLAN



SECTION

SCALE:
HORIZ: 1"=80'
VERT: 1"=20'

LEGEND



PURPOSE: PROVIDE SEWER RELIEF CAPACITY AND CAPACITY FOR PLANNED GROWTH

DATUM: NVGD 29

ADJACENT PROPERTY OWNERS:
1. MATSUI, EDWARD/BETTY TRUST
2.

0 80 160
1"=80'

CH2MHILL

PROPOSED BRADSHAW INTERCEPTOR SECTION 6B

IN: ELDER CREEK AT: STA 488+00
COUNTY OF: SACRAMENTO STATE: CA
APPLICATION BY: SRCSD
SHT 24 OF 29 DATE: 10/31/02

1
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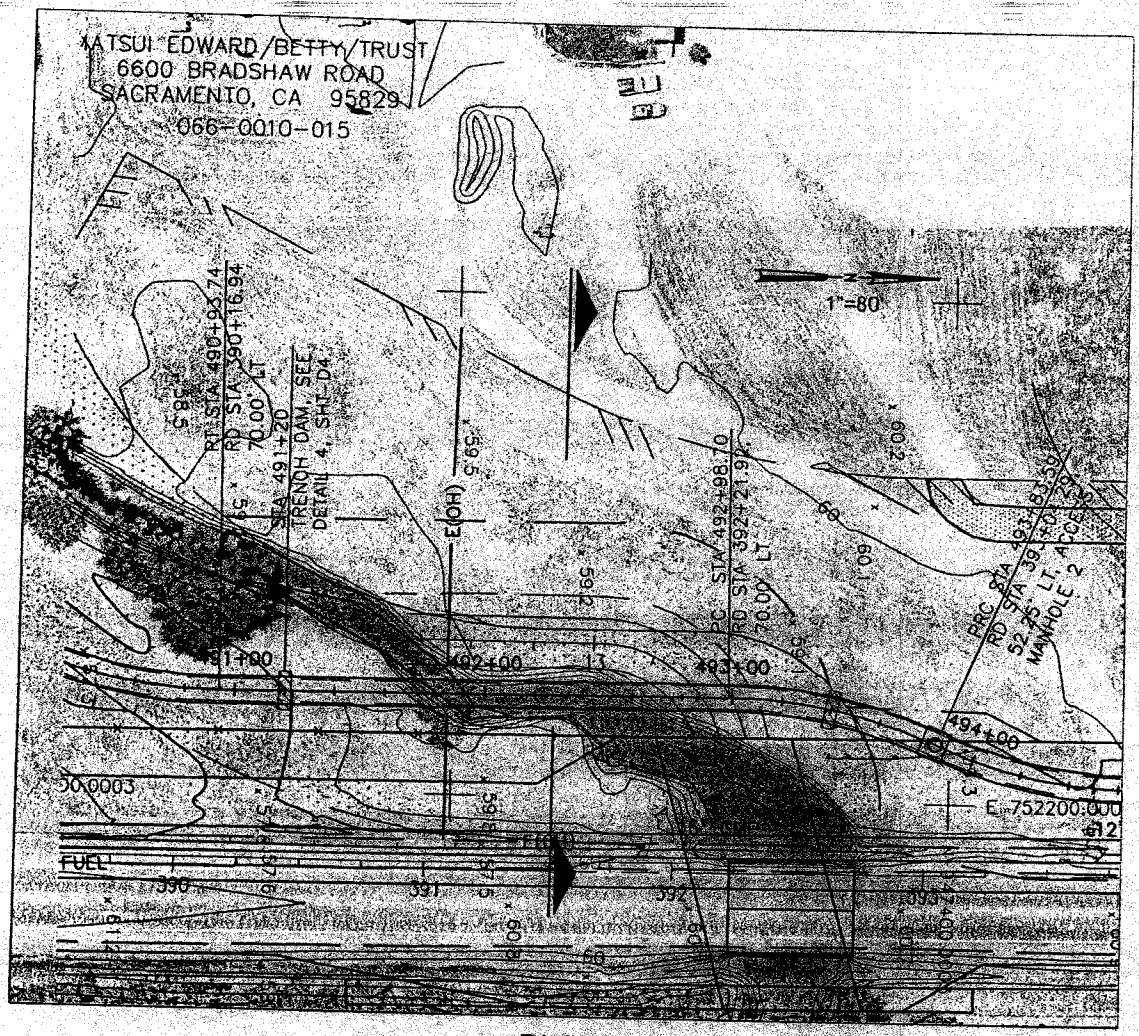

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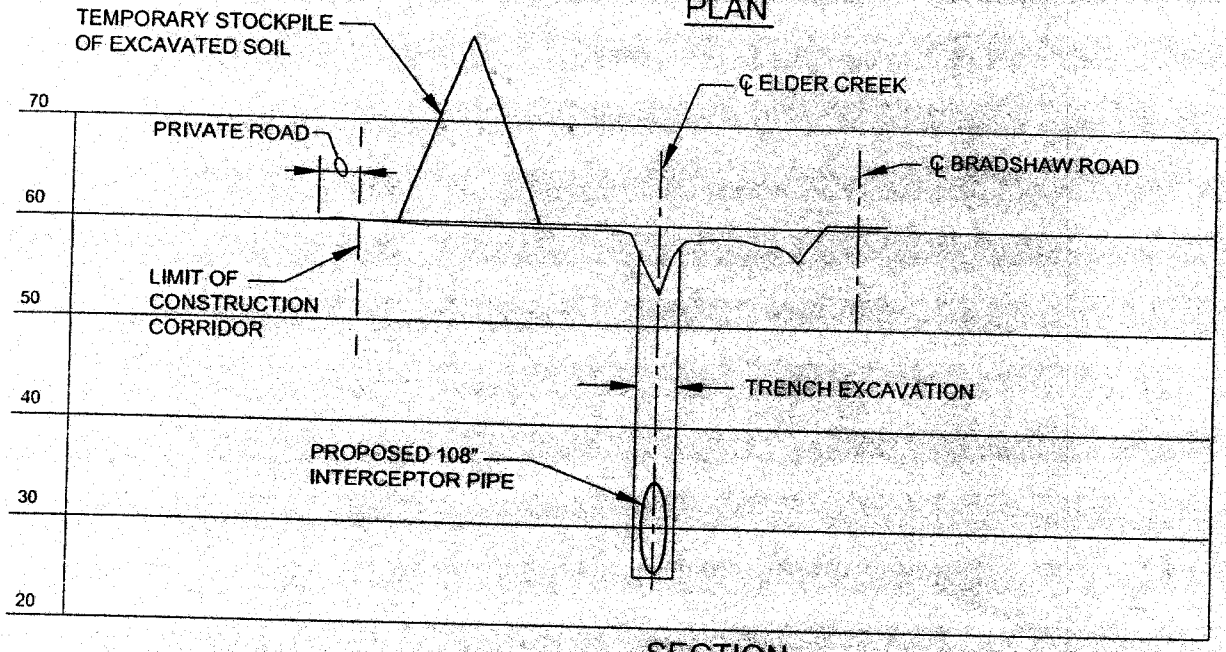

SECTION

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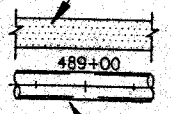
HORIZ: 1"=80'
VERT: 1"=20'

LEGEND



PURPOSE: PROVIDE SEWER RELIEF CAPACITY AND CAPACITY FOR PLANNED GROWTH

DATUM: NVGD 29

ADJACENT PROPERTY OWNERS:
1. MATSUI, EDWARD/BETTY TRUST
2.

0 80 160
1"=80'

CH2MHILL

PROPOSED BRADSHAW INTERCEPTOR SECTION 6B

IN: ELDER CREEK AT: STA 492+30
COUNTY OF: SACRAMENTO STATE: CA
APPLICATION BY: SRCSD
SHT 25 OF 29 DATE: 10/31/02

2

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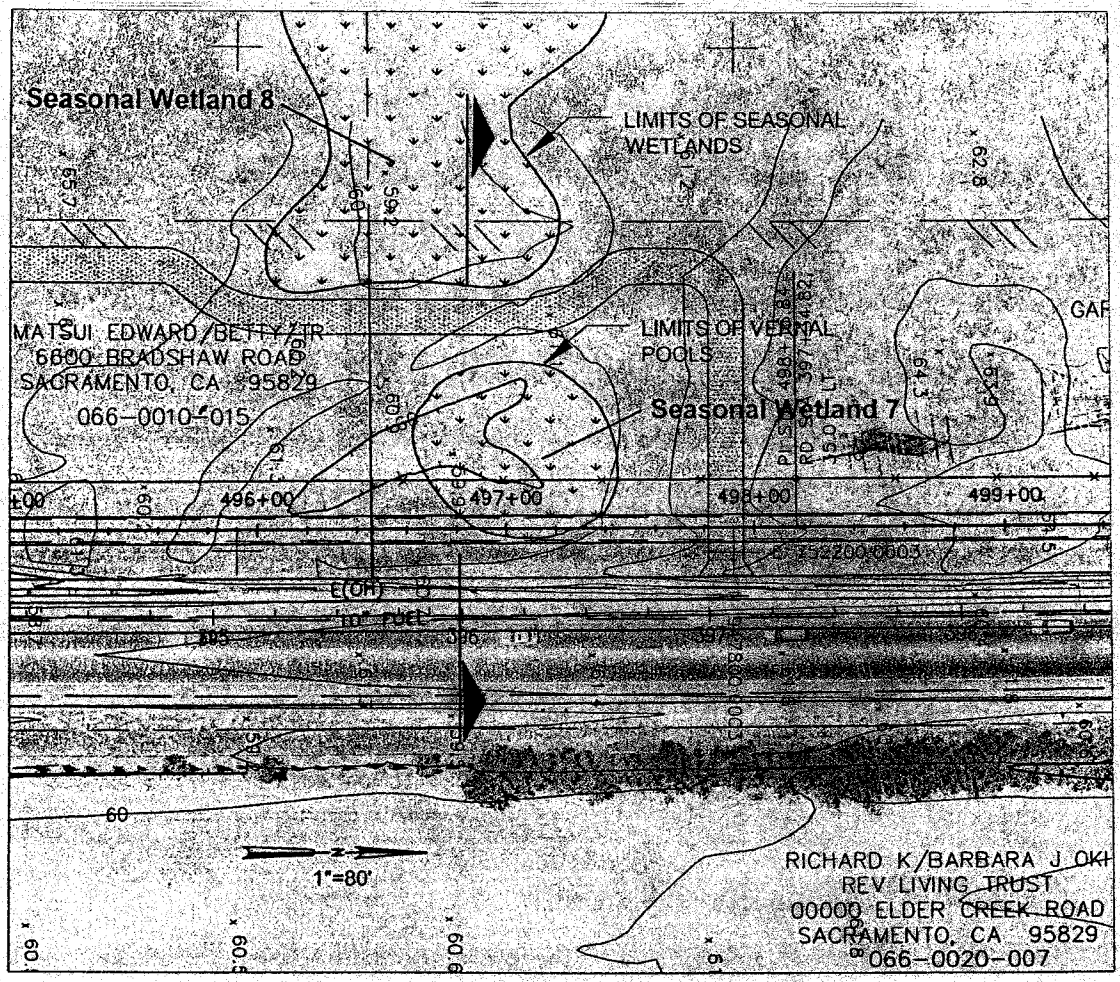

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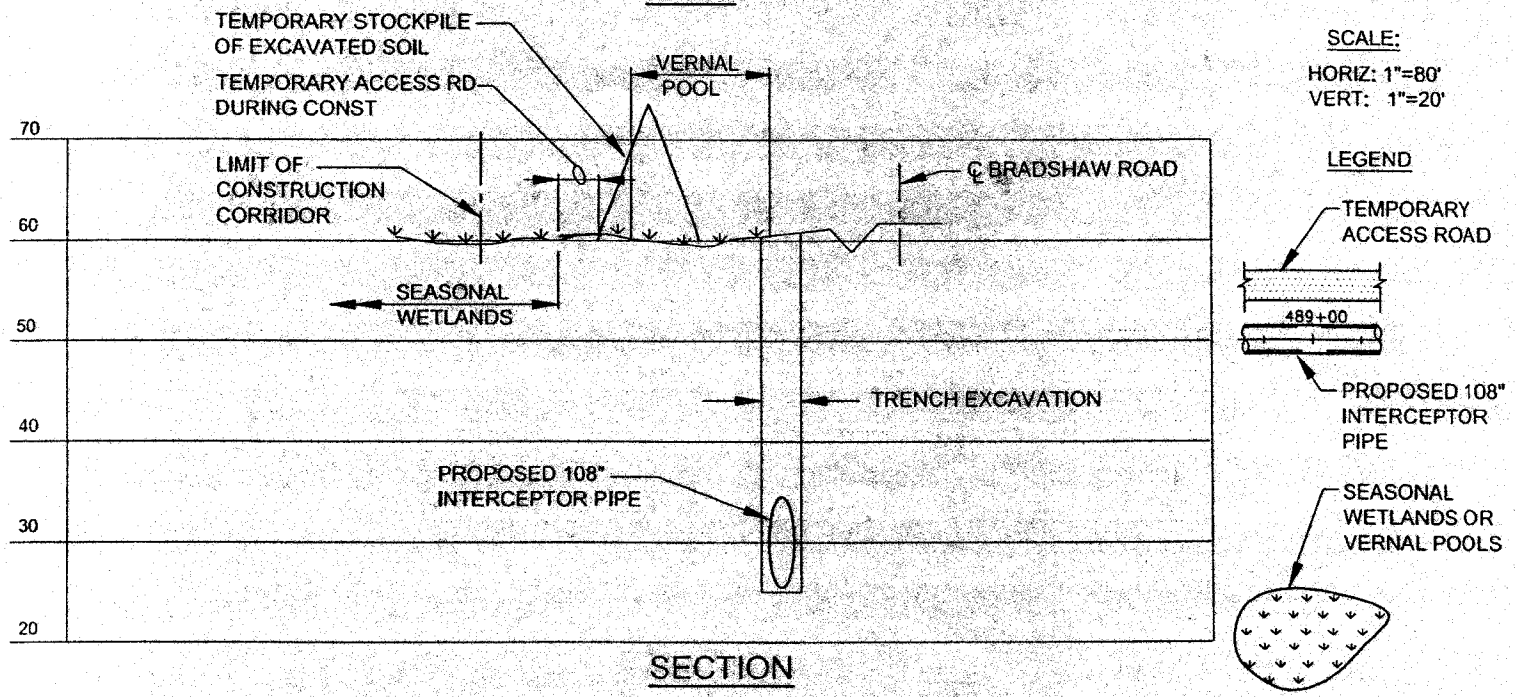

SECTION

PURPOSE: PROVIDE SEWER RELIEF CAPACITY AND CAPACITY FOR PLANNED GROWTH

DATUM: NVGD 29

ADJACENT PROPERTY OWNERS:
1. GARY A./LINDA M. HOUCK REV. TRUST
2.

0 80 160
1"=80'

CH2MHILL

PROPOSED BRADSHAW INTERCEPTOR SECTION 6B

IN: SEASONAL WETLANDS AT: STA 496+80
COUNTY OF: SACRAMENTO STATE: CA
APPLICATION BY: SRCSD
SHT 26 OF 29 DATE: 10/31/02

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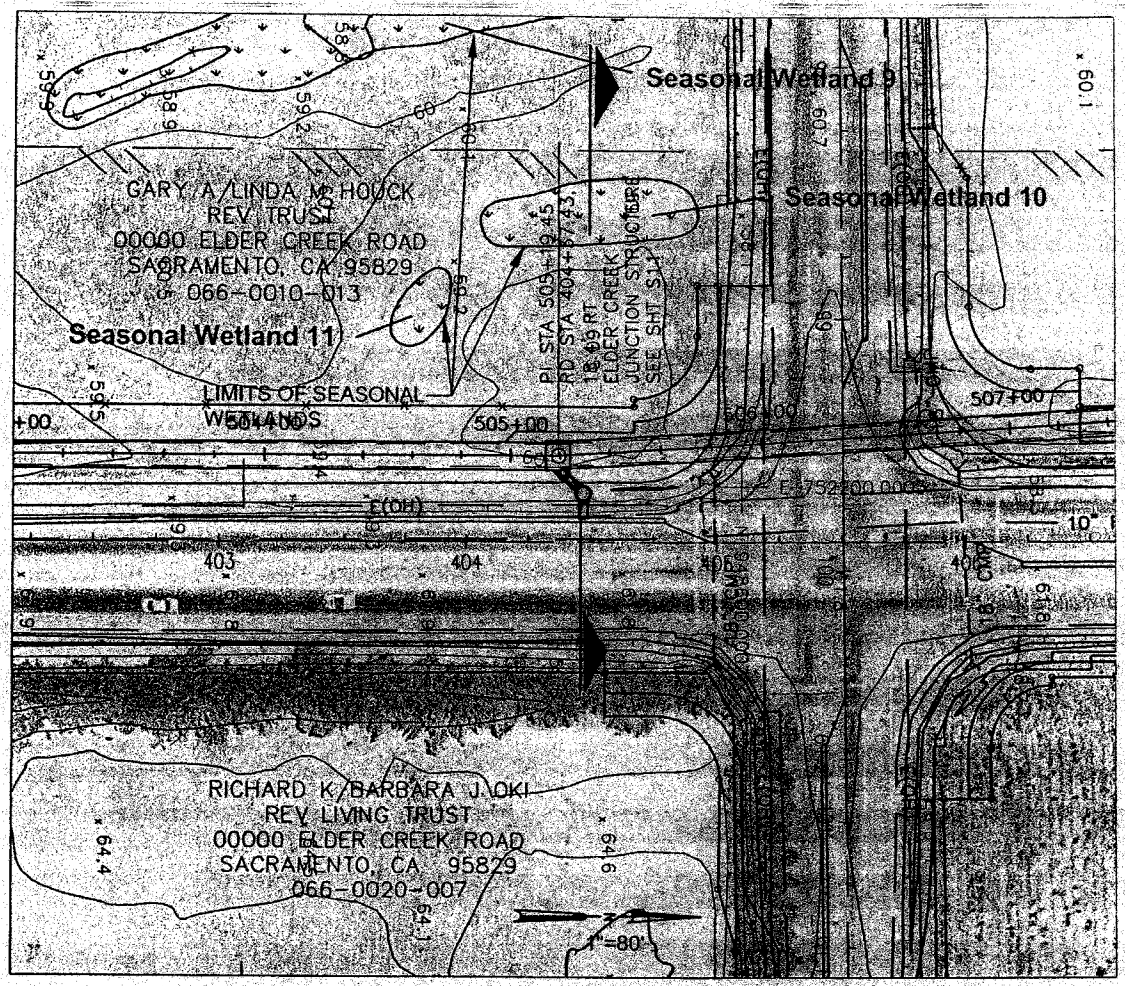

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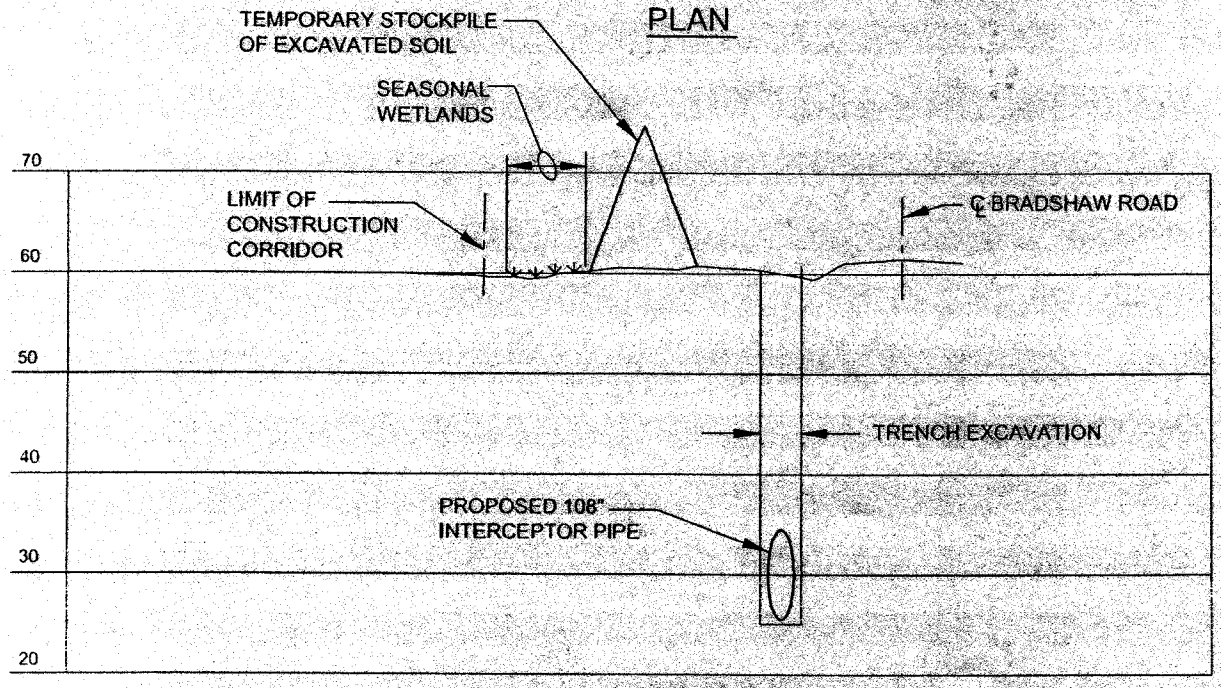

SECTION

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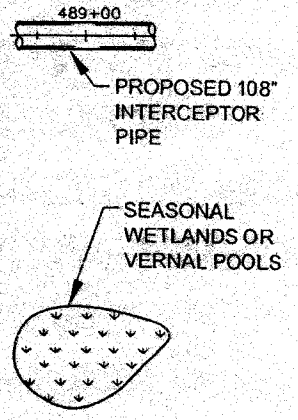
VERT: 1"=20'

LEGEND



PURPOSE: PROVIDE SEWER RELIEF CAPACITY AND CAPACITY FOR PLANNED GROWTH

DATUM: NVGD 29

ADJACENT PROPERTY OWNERS:
1. GARY A./LINDA M. HOUCK REV. TRUST
2.

0 80 160
1"=80'

CH2MHILL

PROPOSED BRADSHAW INTERCEPTOR SECTION 6B

IN: ELDER CREEK AT: STA 505+30
COUNTY OF: SACRAMENTO STATE: CA
APPLICATION BY: SRCSD
SHT 27 OF 29 DATE: 10/31/02

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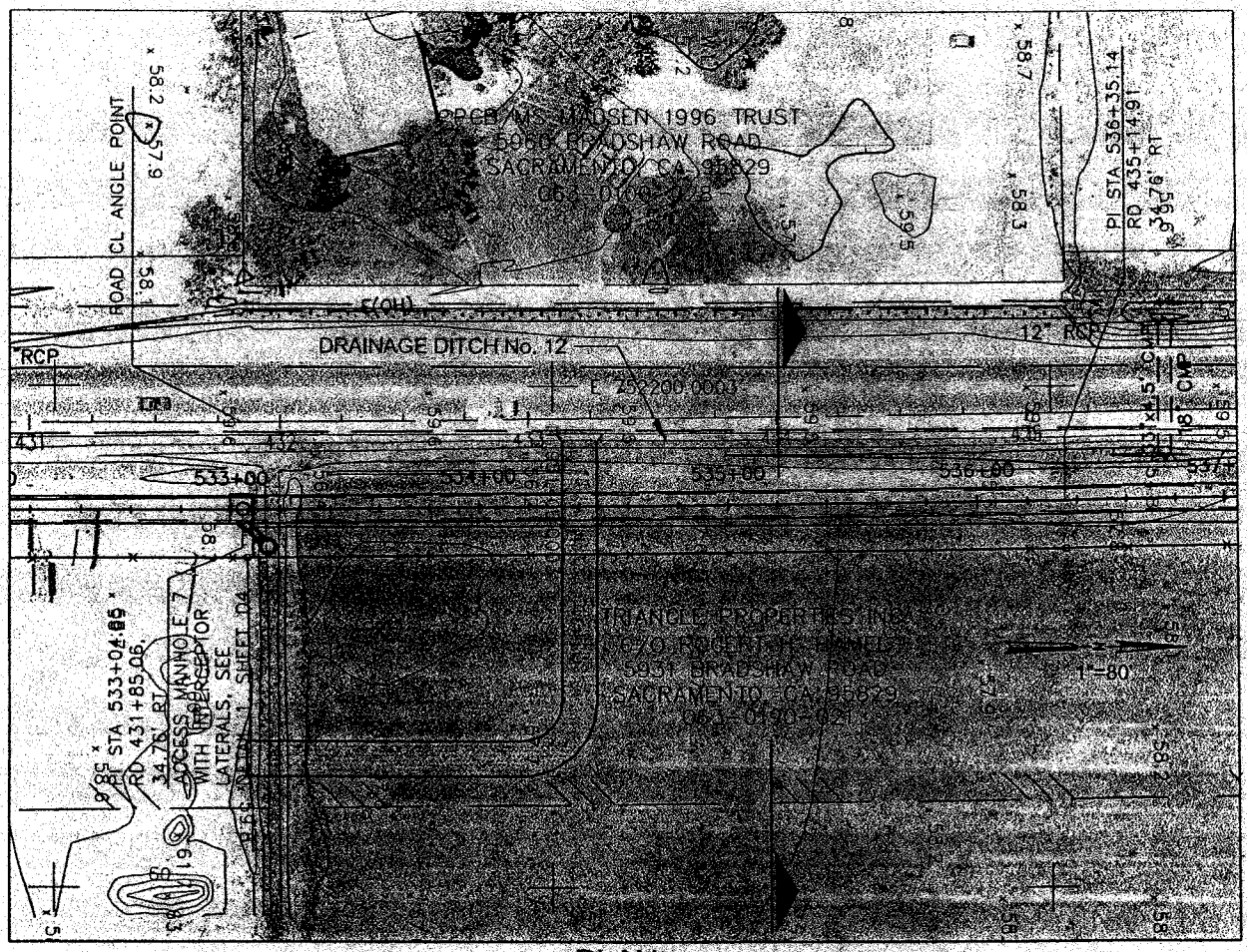

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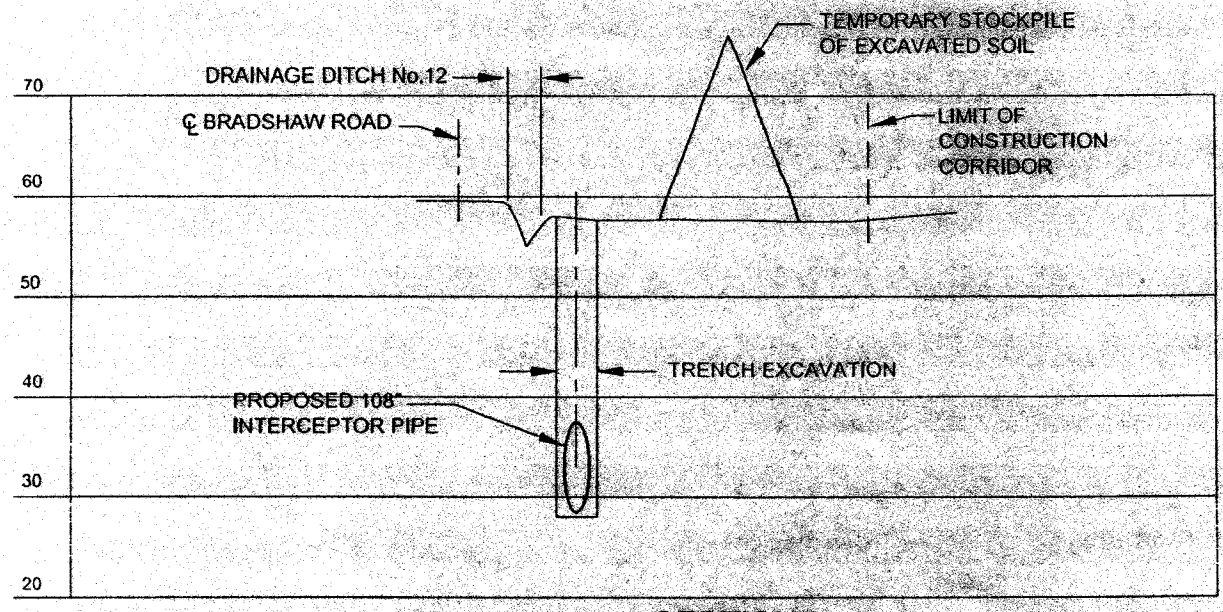
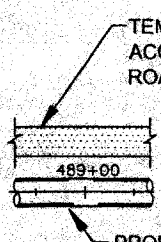


SECTION

SCALE:
HORIZ: 1"=80'
VERT: 1"=20'

LEGEND



NOTE:
TYPICAL INTERCEPTOR CONSTRUCTION AT DRAINAGE DITCHES

PURPOSE: PROVIDE SEWER RELIEF CAPACITY AND CAPACITY FOR PLANNED GROWTH

DATUM: NVGD 29

ADJACENT PROPERTY OWNERS:
1. TRIANGLE PROPERTIES INC.
2.

0 80 160
1"=80'

CH2MHILL

PROPOSED BRADSHAW INTERCEPTOR SECTION 6B

IN: ELDER CREEK AT: STA 535+20
COUNTY OF: SACRAMENTO STATE: CA
APPLICATION BY: SRCSD
SHT 28 OF 29 DATE: 10/31/02

5
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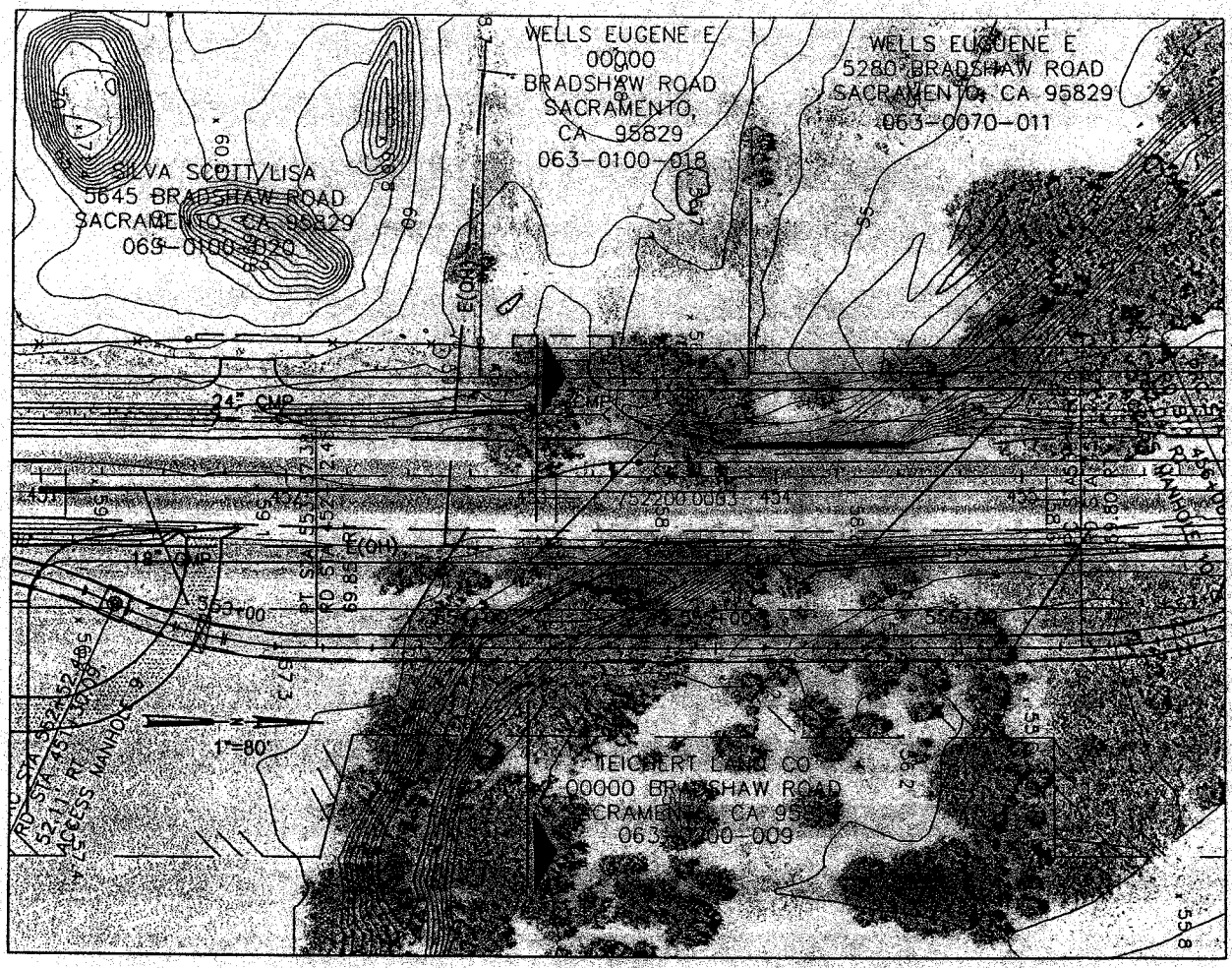
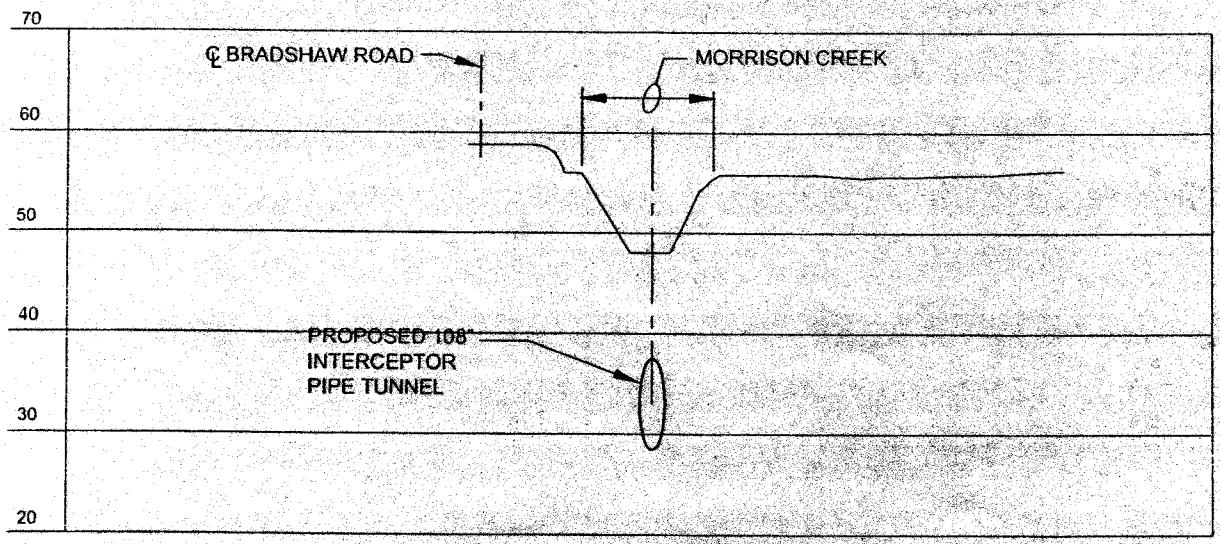


PLAN

SCALE:
HORIZ: 1"=80'
VERT: 1"=20'



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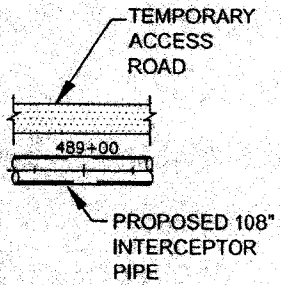

SECTION

PURPOSE: PROVIDE SEWER RELIEF CAPACITY AND CAPACITY FOR PLANNED GROWTH

DATUM: NVGD 29

ADJACENT PROPERTY OWNERS:
1. TEICHERET LAND CO.
2.

0 80 160
1"=80'

CH2MHILL

PROPOSED BRADSHAW INTERCEPTOR SECTION 6B

IN: ELDER CREEK AT: STA 554+25
COUNTY OF: SACRAMENTO STATE: CA
APPLICATION BY: SRCSD
SHT 29 OF 29 DATE: 10/31/02

6
23

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19