

VILLA CHAPARRAL
UNIT NO. 1

VILLA CHAPARRAL
UNIT NO. 2

HIGHWAY

99

SECTION "A-A"
NO SCALE

SECTION "B-B"
NO SCALE

WELL SITE NO. 2
EQUIPMENT LOCATION
MAY BE REVISED WITH
APPROVAL OF SAN
JOAQUIN COUNTY &
CITY OF GALT

DESIGNED BY						
DRAWN BY						
CHECKED BY						
	REV.	DATE	DESCRIPTION	BY	APP'D.	

BENCH MARK:
ELEVATION _____
DESCRIPTION: _____
DATE _____

WILLIAM MILLER
VILLA CHAPARRAL

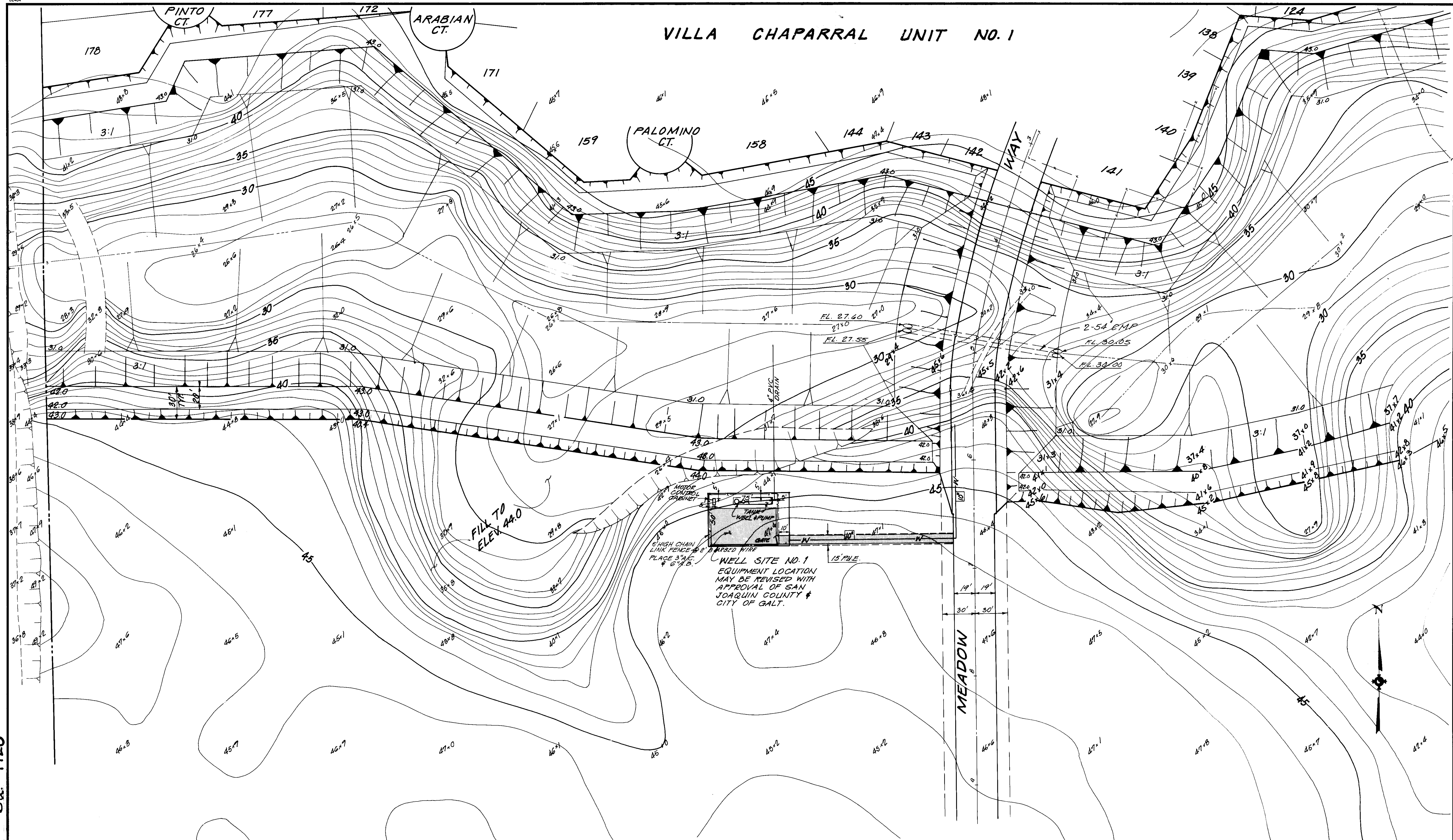
FIELD BOOKS
F.B. NO. _____
F.B. NO. _____
F.B. NO. _____

SCALE
1" = 40'
JOB NO. 5965-019
CODE _____ DRAWING NO. _____

POND GRADING PLAN

THE SPINK CORPORATION
ENVIRONMENTAL PLANNING · ENGINEERING
ARCHITECTURE · SURVEYING · MAPPING · SYSTEMS
720 F STREET · SACRAMENTO, CALIFORNIA 95814 · PHONE (916) 444-8170

SHEET
G-5
OF
5



FILE NAME: SUBD. 1726 SHEET NO. 1726

DESIGNED BY _____
DRAWN BY _____
CHECKED BY _____

REV.	DATE	DESCRIPTION	BY	APP'D

BENCH MARK: ELEVATION _____
 DESCRIPTION: DATUM _____

WILLIAM MILLER
VILLA CHAPARRAL

FIELD BOOKS

F.B. N^o _____

F.B. N^o _____

F.B. N^o _____

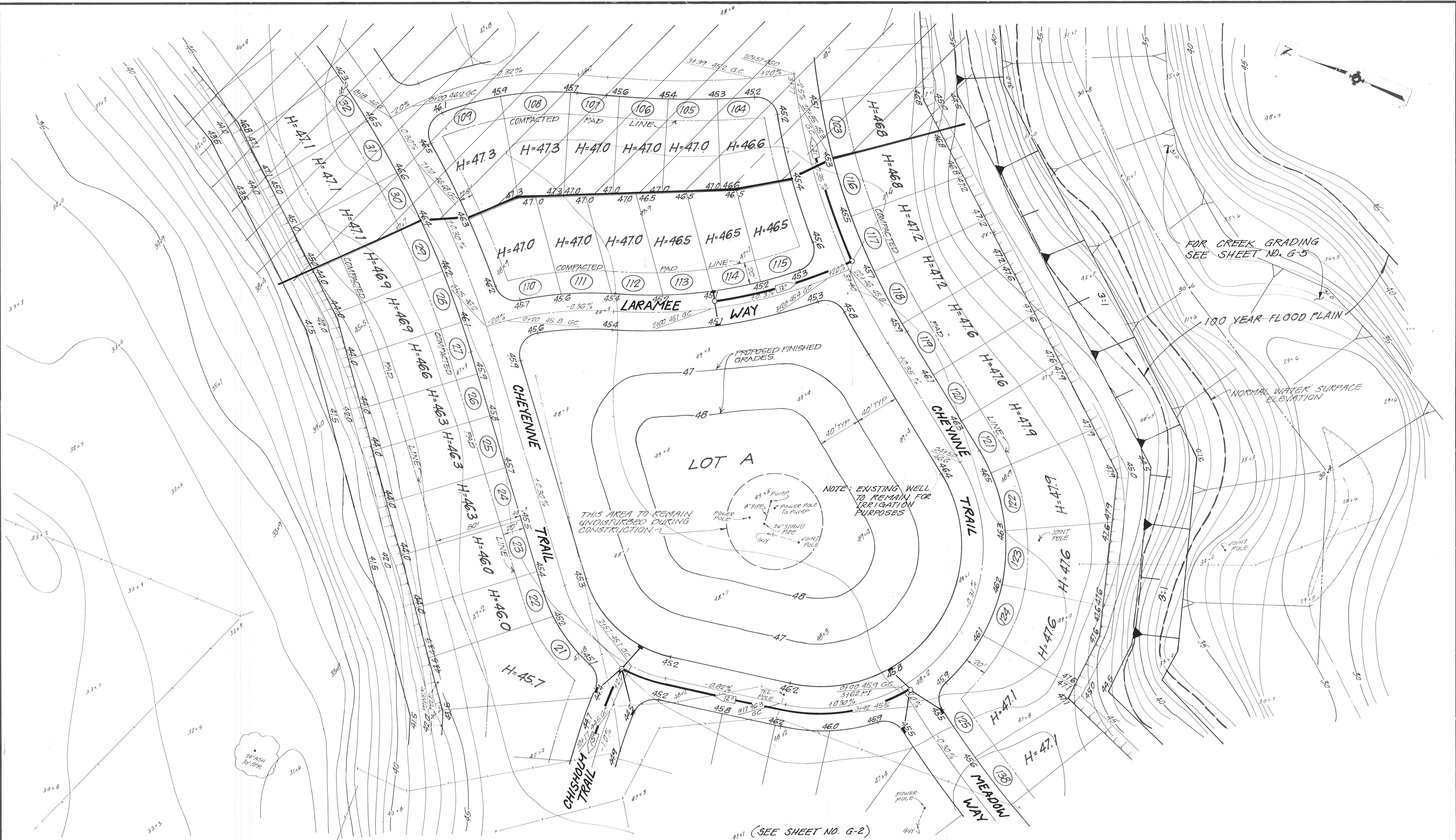
SCALE
 $1'' = 40'$
N^o 5965-019
DDE DRAWING N^o

POND GRADING PLAN

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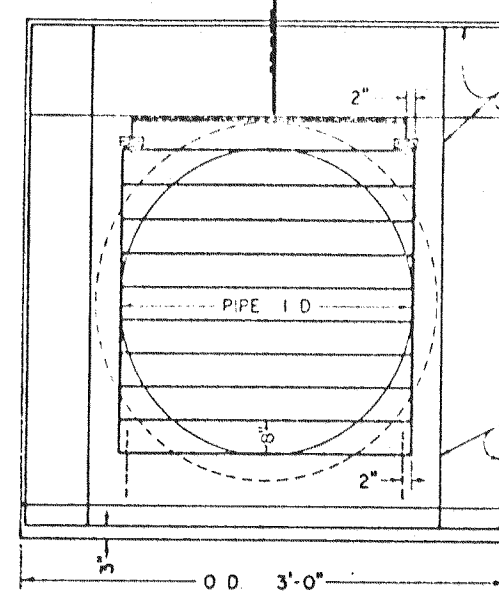
SHEET
G-4
OF
5

Subd. 521 1727



DESIGNED BY <u>W. WILLIAMS</u>	BENCH MARK: ELEVATION _____ DATUM _____	WILLIAM MILLER	FIELD BOOKS	SCALE	THE SPINK CORPORATION ENVIRONMENTAL PLANNING · ENGINEERING ARCHITECTURE · SURVEYING · MAPPING · SYSTEMS 720 F STREET · SACRAMENTO, CALIFORNIA 95814 · PHONE (916) 444-8170	SHEET G-3 OF 5
DRAWN BY <u>M.O. ZAPATA</u>	DESCRIPTION: <u>SEE SHEET NO. 1</u>	VILLA CHAPARRAL #1	F.B. # _____	1"=40'		
CHECKED BY <u>S. AUCLAIR</u>			F.B. # _____	JOB NO. <u>5765-019</u>		
REV. _____ DATE _____ DESCRIPTION _____ BY _____ APPD. _____			F.B. # _____	CODE _____ DRAWING NO. _____		

NOTE:
ALL REINFORCING STEEL SHALL
HAVE 2" EMBEDMENT EXCEPT
AS NOTED



TRASH RACK LATCH LINKAGE, SEE TABLE
AT RIGHT FOR SIZE OF SQUARE TUBING
STOCK FOR FABRICATION

• 4 BARS EACH FACE

RACK LATCH-SEE
DETAIL BELOW

• 4 BARS EACH FACE

HINGE BRACKET

• 4 BARS

ANCHOR - 1" DIA STEEL BENT
TO 3" DIA AND EMBEDDED
12" IN HEADWALL

FASTEN LATCH LINKAGE TO ANCHOR
WITH CHAIN AND PADLOCK

NOTE:
FABRICATE LATCH FROM
STEEL PLATE THICKNESS
SHOWN IN TABLE

3" X 3" STEEL ANGLE
SAME THICKNESS AS
LATCH PLATE

2" DRILL
HOLES

BOLT

LATCH LINKAGE-SEE TABLE
FOR SIZE OF SQUARE TUBING
STOCK FOR FABRICATION

- NOTE:
1. ENTIRE RACK TO BE WELDED REINFORCING STEEL OR ROUND BARS OF EQUAL DIA WITH HORIZONTAL BARS BEING 8" CENTER TO CENTER.
 2. USE CLASS "B" CONCRETE.
 3. ROOM SHALL BE PROVIDED DOWNSTREAM TO LAY RACK FLAT.
 4. FASTEN LATCH BRACKET TO HEADWALL WITH 1/2" X 6" BOLTS WITH HEX NUTS, OR 1/2" EXPANSION BOLTS.
 5. WHEN RACK IS IN THE CLOSED POSITION, THE BOTTOM RACK BAR SHALL BE TIGHT AGAINST THE TOP OF THE HINGE BRACKET SO THAT THE RACK CANNOT BE LIFTED OFF THE LATCH.
 6. FABRICATE HINGE BRACKET FROM #4 RE-BAR.

PIPE SIZE	RACK BAR SIZE	LATCH PLATE THICKNESS	LATCH LINKAGE SIZE
21"	#4	1/2"	1", 0.95" THICK
24"	#5	3/4"	
27"	#5	3/4"	
30"	#6	1"	
33"	#6	1"	
36"	#7	1"	
42"	#7	1", 1.33" THICK	
48"	#8	1"	
54"	#8	1"	
60"	#8	1"	
66"	#8	1"	
72"	#8	1"	
84"	#8	1"	

TRASH RACK DETAIL

(SEE SHEET NO. G-2)

100 YEAR FLOOD PLAIN

FOR CREEK GRADING
SEE SHEET NO. 4

NORMAL WATER SURFACE
ELEVATION

100 YEAR FLOOD PLAIN

REMOVE EXISTING DAM
AS PART OF OVERALL
GRADING

SUBD. SU 1729

DESIGNED BY W. WILLIAMS
DRAWN BY M.D. ZAPATA
CHECKED BY S. AUCLAIR

REV.	DATE	DESCRIPTION	BY	APPD.

BENCH MARK: ELEVATION _____
DESCRIPTION: DATUM _____
SEE SHEET NO. 1

WILLIAM MILLER
VILLA CHAPARRAL #1

FIELD BOOKS
F.B. # _____
F.B. # _____
F.B. # _____

SCALE
1" = 40'
JOB # 5965-019
CODE _____
DRAWING # _____

GRADING PLAN

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SHEET
G-1
OF
5