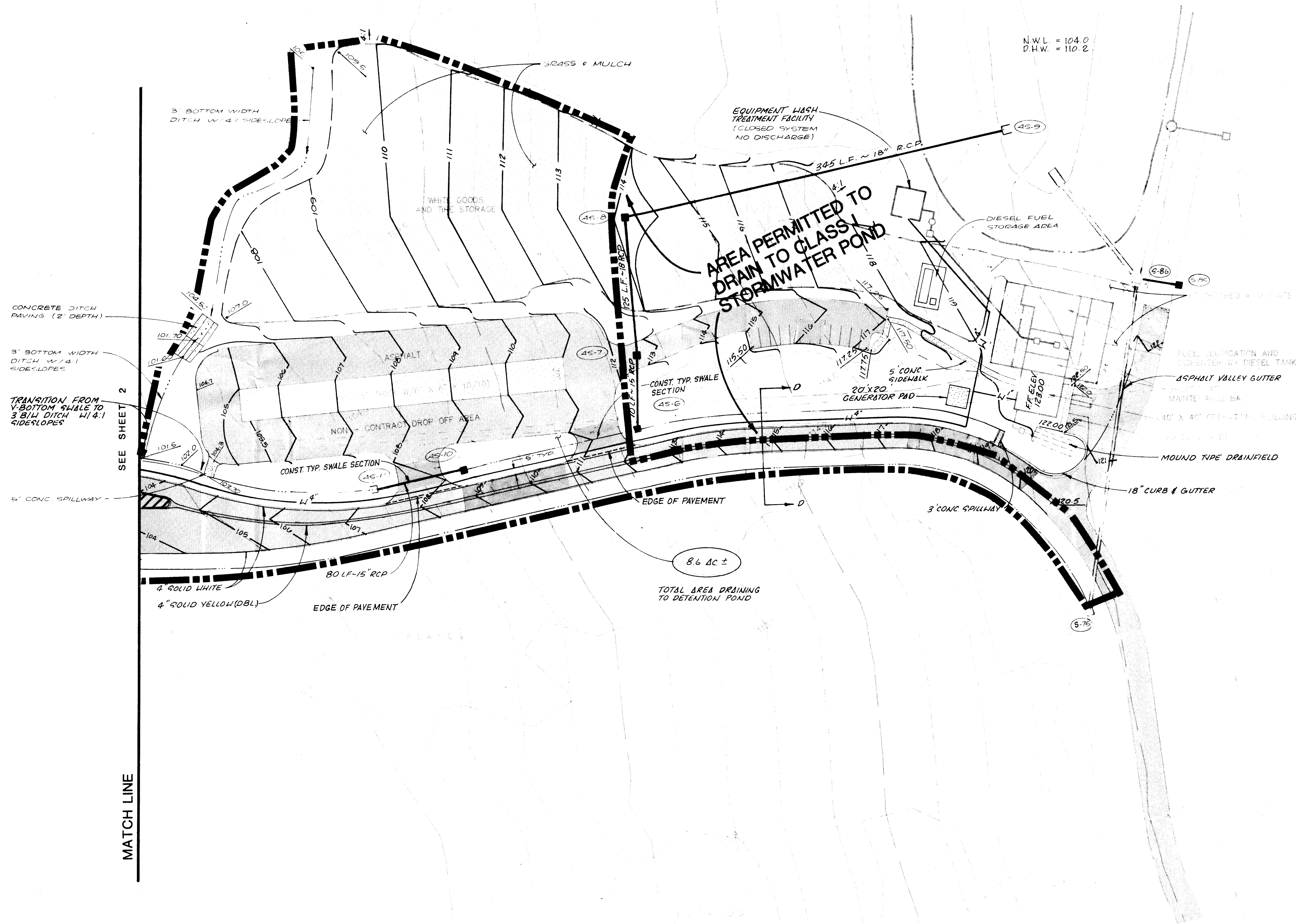


SCHEDULE OF DRAINAGE STRUCTURES				
STRUCTURE NUMBER	TYPE	TOP ELEVATION	INVERT ELEVATION	SLOT ELEVATION
AS-1	E DITCH BOTTOM	99.50	95.50	96.50 (W)
AS-2	U TYPE ENDWALL		95.40	
AS-3	E DITCH BOTTOM INLET	100.50	97.50 (E) 98.00 (W)	100.00 (E & W)
AS-4	E DITCH BOTTOM INLET	100.50	96.60 (E) 97.10 (W)	100.00 (E & W)
AS-5	U TYPE ENDWALL		95.00	
AS-6	C DITCH BOTTOM INLET	111.00	106.75	110.00 (W)
AS-7	C INLET	112.50	106.55 (N) 106.30 (S)	
AS-8	C INLET	113.75	106.05 (N & W)	
AS-9	U TYPE ENDWALL		103.00	
AS-10	C INLET	107.20	104.75	106.70 (W)
AS-11	U TYPE ENDWALL		104.55	
AS-14	C INLET	102.50	100.40	101.50

AS-12 AND AS-13 NOT USED



LEGEND

EXISTING	PROPOSED
131.4	125.0
136	260
	SPOT ELEVATION
	CONTOUR
	DRAINAGE BOUNDARY
	MITERED END SECTION
	DRAINAGE INLET
	PAVED ROADWAY AREA
	CONC. DITCH PAVING
	STRUCTURE NUMBER

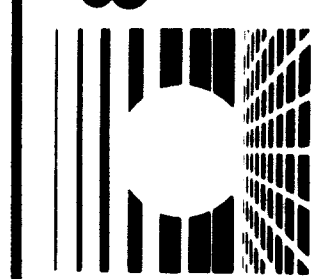
NORTH
SCALE: 1" = 50'

PERMIT DRAWING 3-25-92

GRADING, PAVING & DRAINAGE PLAN
FOR ANCILLARY FACILITIES

TRAILRIDGE LANDFILL

England-Thims & Miller, Inc.
Consulting & Design Engineers
JACKSONVILLE, FLORIDA



DRAWING NO.

A3

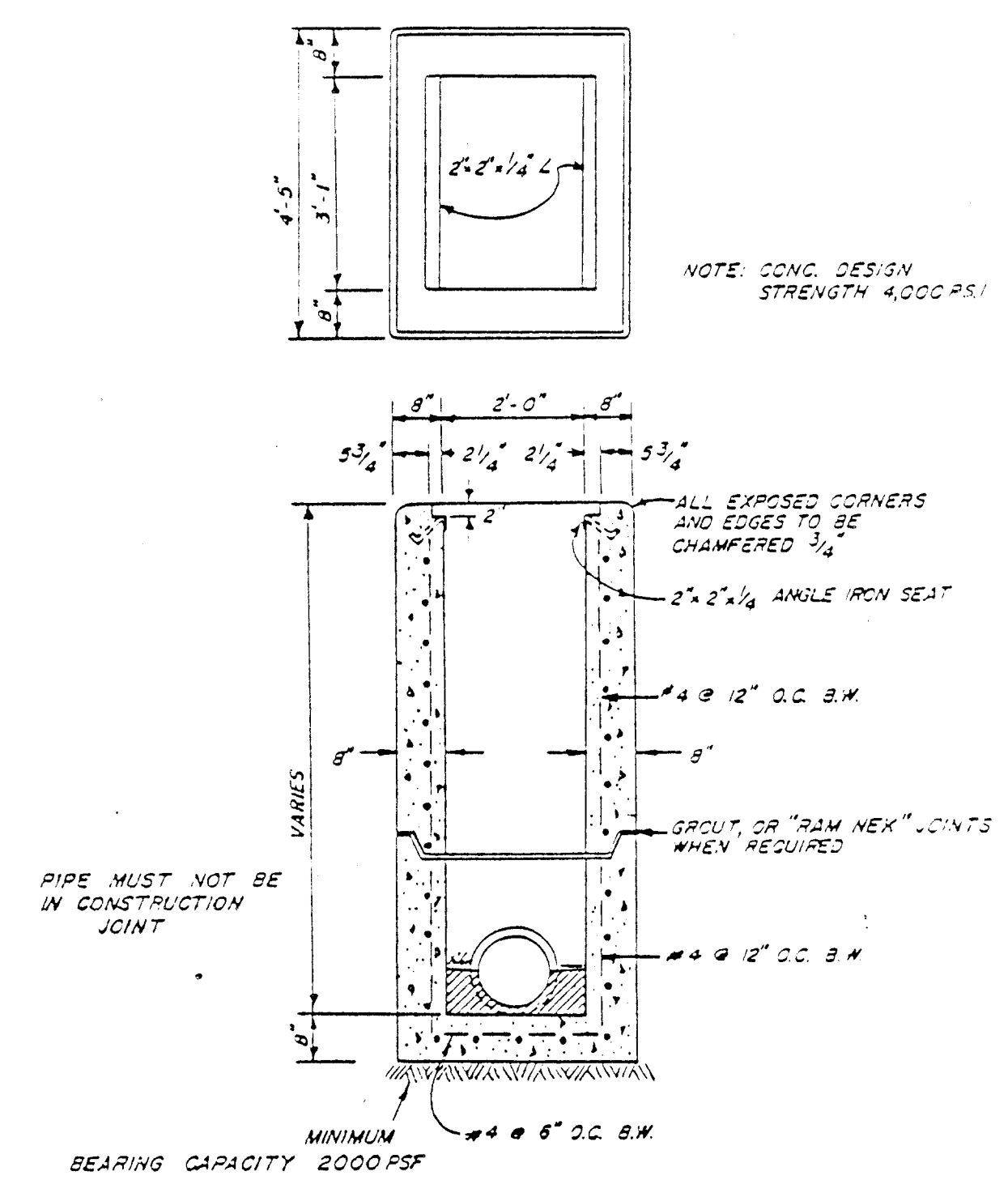
NOTE: FIRE HYDRANTS DELETED FROM CLASS I STORMWATER PUMP STATION. FIRE HYDRANTS TO BE SERVED BY FUTURE INDEPENDENT SUPPLY.

REVISIONS
2-28-92
3-19-92
REVISED TO SHOW DIESEL FUEL STORAGE AREA

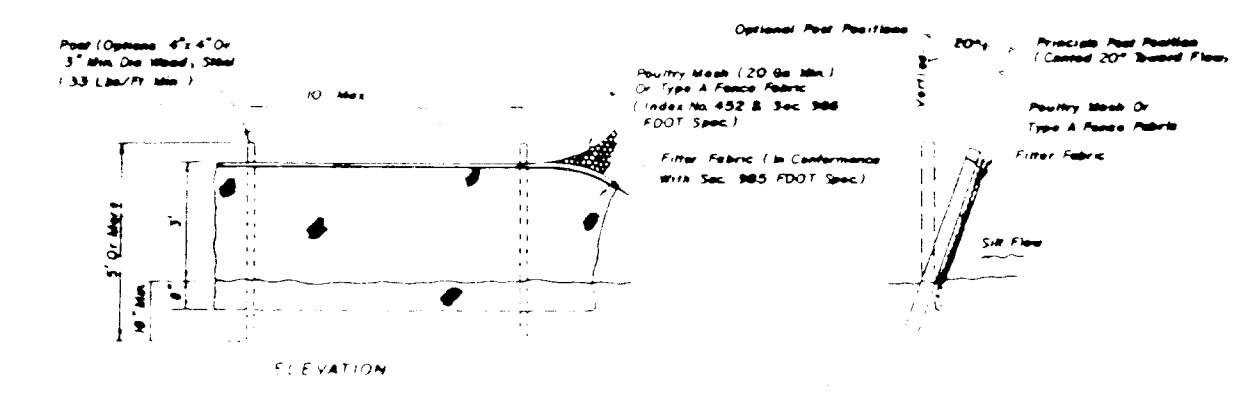
DESIGNED BY
DRAWN BY
CHECKED BY
DATE

1-6-92

RELEASED FOR CONSTRUCTION



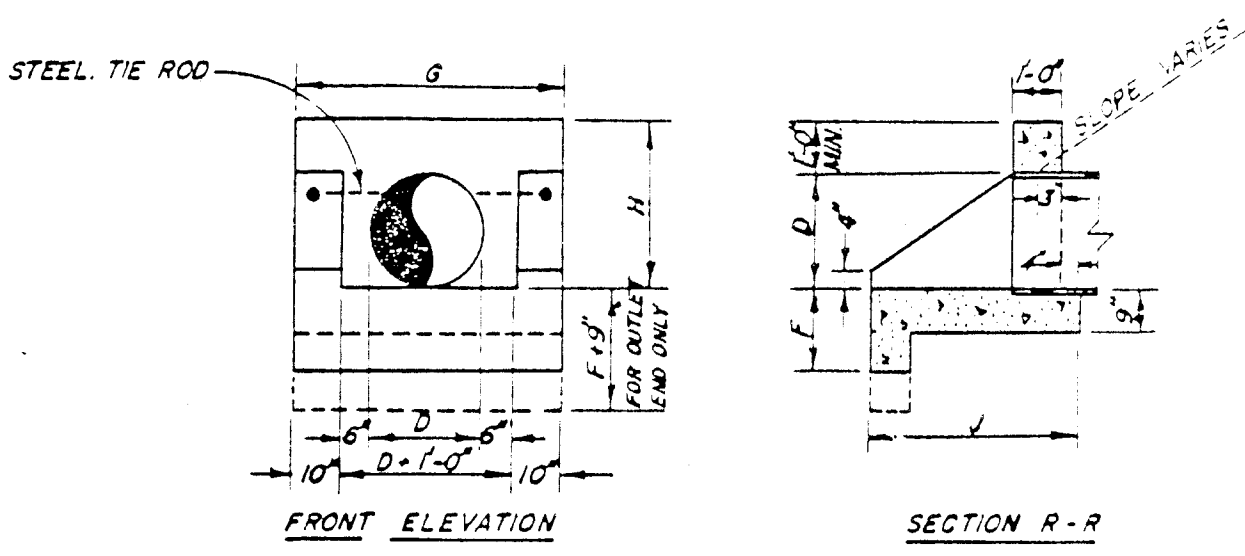
TYPE "E" INLET



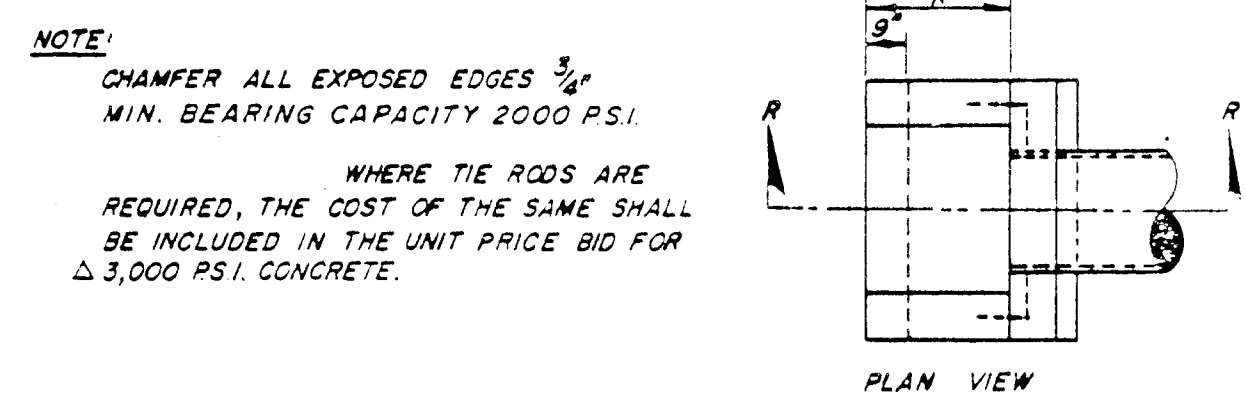
SILT FENCE - TYPICAL DETAIL

- NOTES:
1. STEEL POSTS WHICH SUPPORT SILT FENCE TO BE INSTALLED ON A SIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE.
 2. TOP OF SILT FENCE TO BE TRENCHED IN WITH SHARP OR MECHANICAL TRENCHER SO THAT DOWNSLOPE FACE OF TRENCH IS FLAT AND PERPENDICULAR TO LINE OF FENCE.
 3. TRENCH TO BE MIN. OF 5 INCHES DEEP AND THREE TO FOUR FEET WIDE TO ALLOW FOR SILT FENCE TO BE LAID IN GROUND AND BACKFILLED.
 4. SILT FENCE TO BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WHIMWHIR WHICH IS IN TURN ATTACHED TO STEEL FENCE POST.
 5. ACCUMULATED SILT TO BE REMOVED WHEN IT REACHES DEPTH OF 6 INCHES AND UNIFORMITY DISTRIBUTED OVER SOIL IN PROJECT CONSTRUCTION AREA.
 6. REMOVE AND DISPOSAL OF SILT FENCE AFTER PROJECT HAS BEEN ACCEPTED BY OWNER AT NO ADDITIONAL COST TO OWNER.

SILT FENCE DETAIL



CITY STD. CURB AND GUTTER

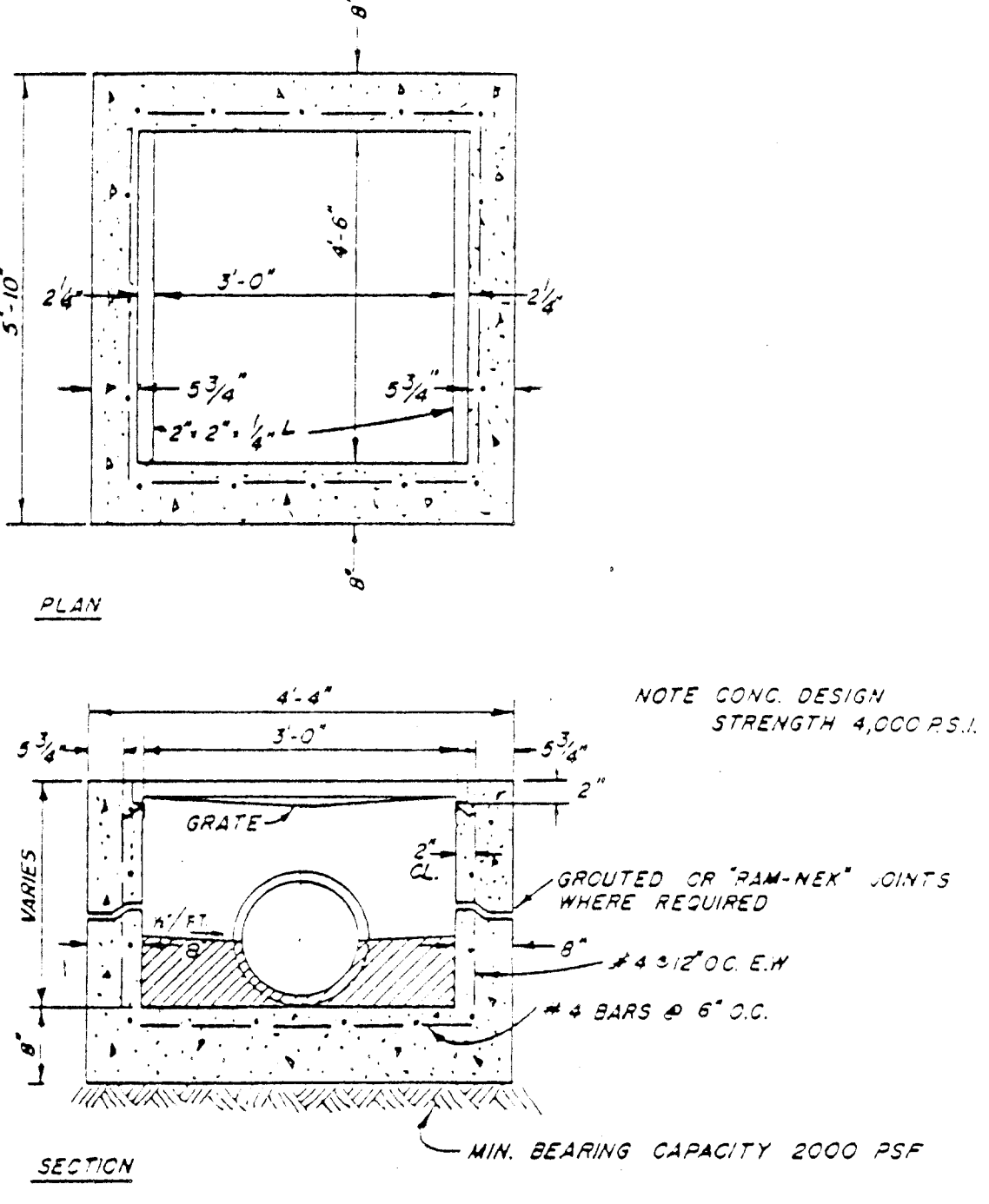


OIL SKIMMER DETAIL

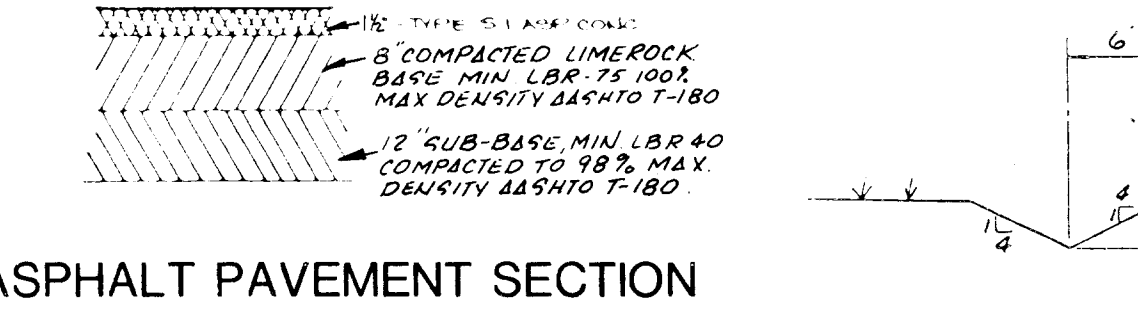
TABLE OF DIMENSIONS AND ESTIMATED QUANTITIES FOR PIPE CULVERT ENDWALLS WITH U-TYPE KINGS

OPENING	DIMENSIONS				QUANTITIES IN ONE ENDWALL				STEEL TIE RODS
	D	B	H	K	CONC. PIPE	CONC. ENDWALL	CONC. FLOOR	CONC. CURB	
12"	12"	12"	12"	12"	1.00	1.00	1.00	1.00	1.00
18"	18"	18"	18"	18"	1.50	1.50	1.50	1.50	1.50
24"	24"	24"	24"	24"	2.00	2.00	2.00	2.00	2.00
30"	30"	30"	30"	30"	2.50	2.50	2.50	2.50	2.50
36"	36"	36"	36"	36"	3.00	3.00	3.00	3.00	3.00
42"	42"	42"	42"	42"	3.50	3.50	3.50	3.50	3.50
48"	48"	48"	48"	48"	4.00	4.00	4.00	4.00	4.00
54"	54"	54"	54"	54"	4.50	4.50	4.50	4.50	4.50
60"	60"	60"	60"	60"	5.00	5.00	5.00	5.00	5.00
66"	66"	66"	66"	66"	5.50	5.50	5.50	5.50	5.50
72"	72"	72"	72"	72"	6.00	6.00	6.00	6.00	6.00
78"	78"	78"	78"	78"	6.50	6.50	6.50	6.50	6.50
84"	84"	84"	84"	84"	7.00	7.00	7.00	7.00	7.00
90"	90"	90"	90"	90"	7.50	7.50	7.50	7.50	7.50
96"	96"	96"	96"	96"	8.00	8.00	8.00	8.00	8.00
102"	102"	102"	102"	102"	8.50	8.50	8.50	8.50	8.50
108"	108"	108"	108"	108"	9.00	9.00	9.00	9.00	9.00
114"	114"	114"	114"	114"	9.50	9.50	9.50	9.50	9.50
120"	120"	120"	120"	120"	10.00	10.00	10.00	10.00	10.00

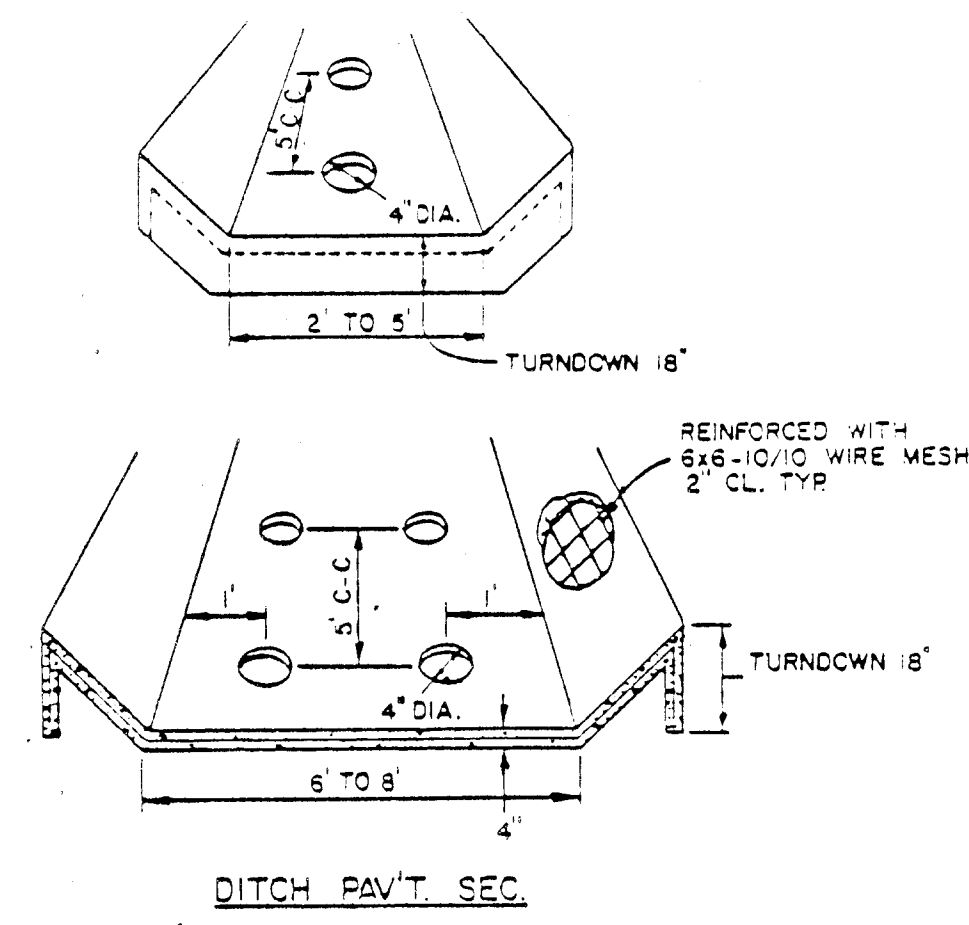
U-TYPE ENDWALL



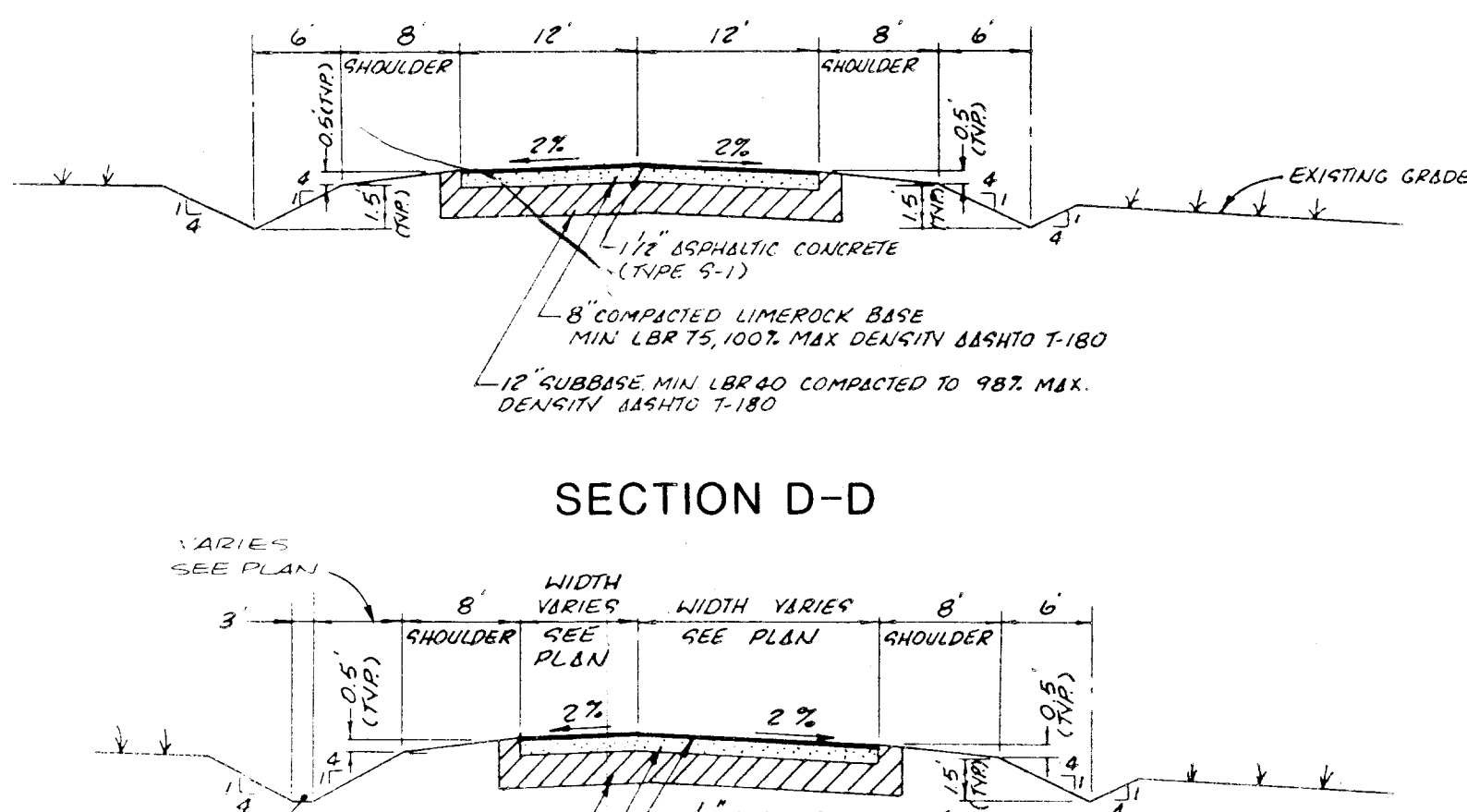
TYPE "C" INLET



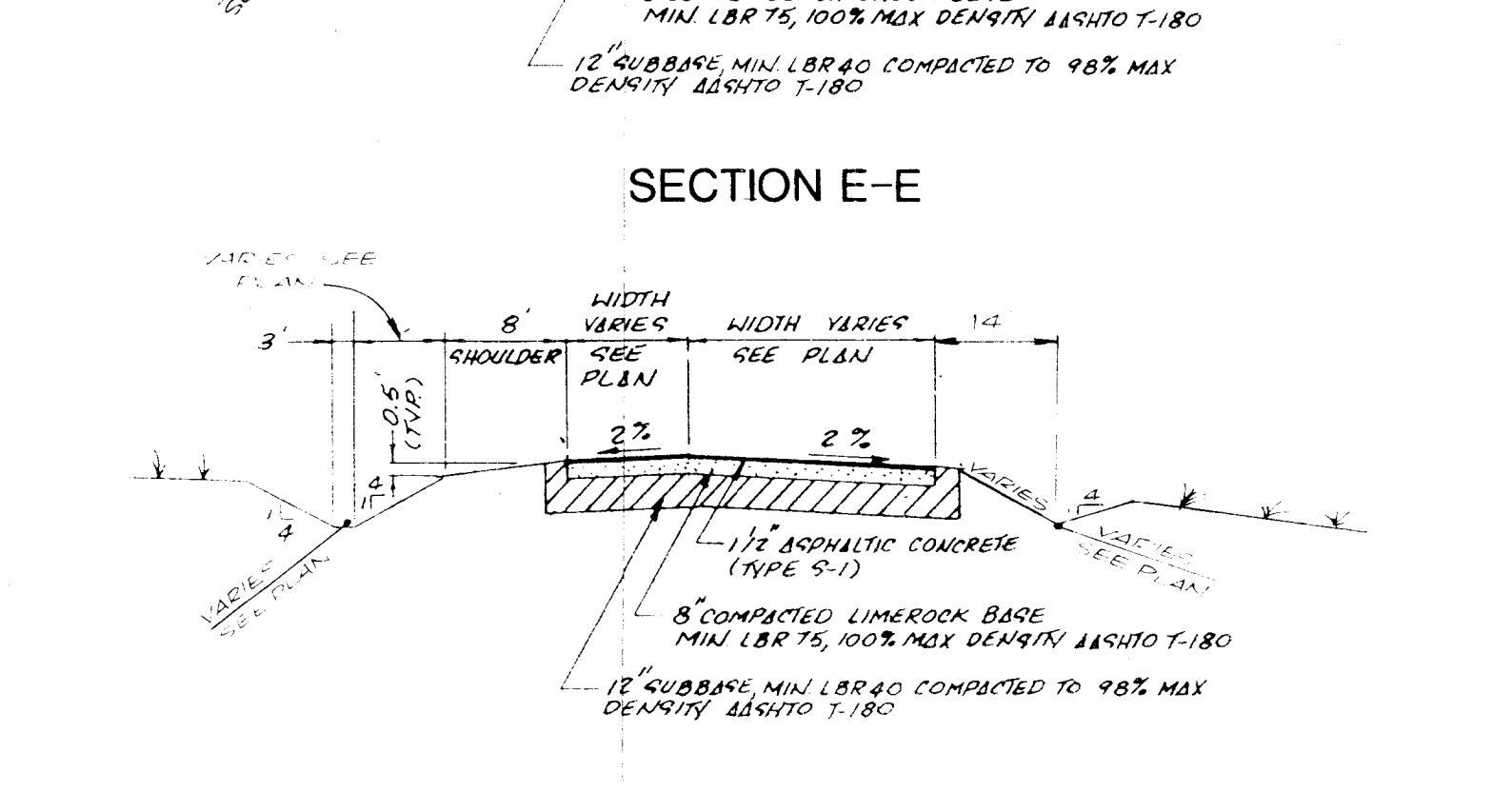
ASPHALT PAVEMENT SECTION



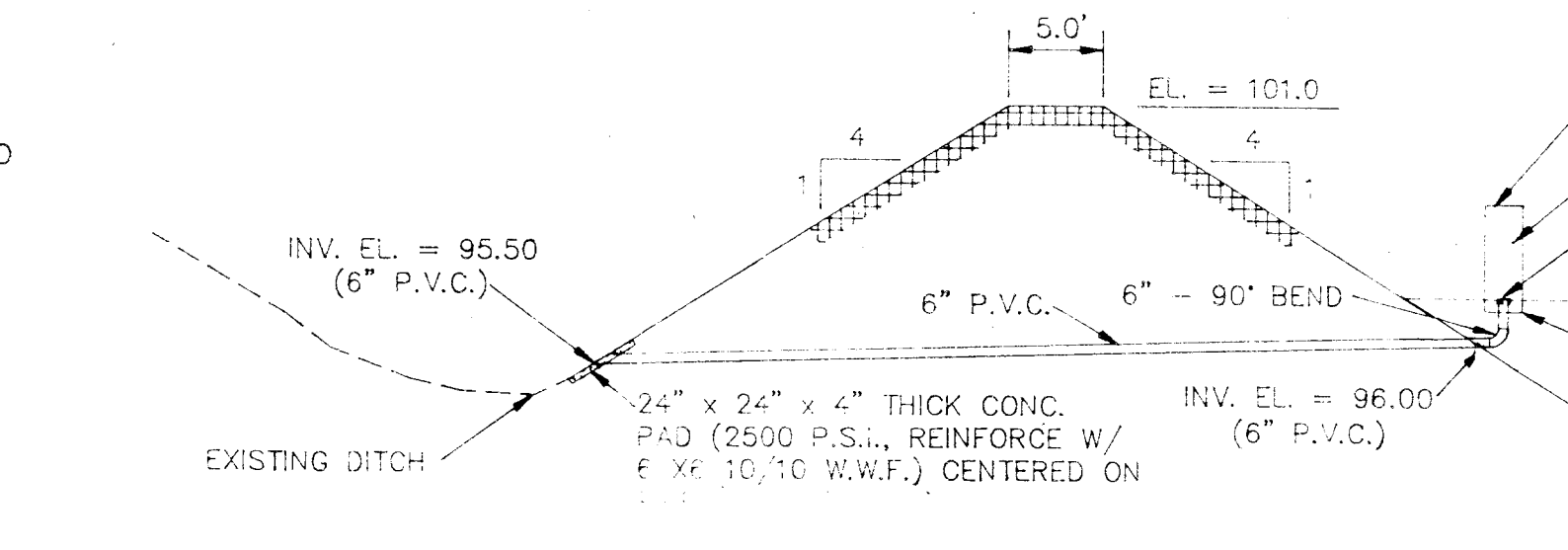
CONC. DITCH PAVING



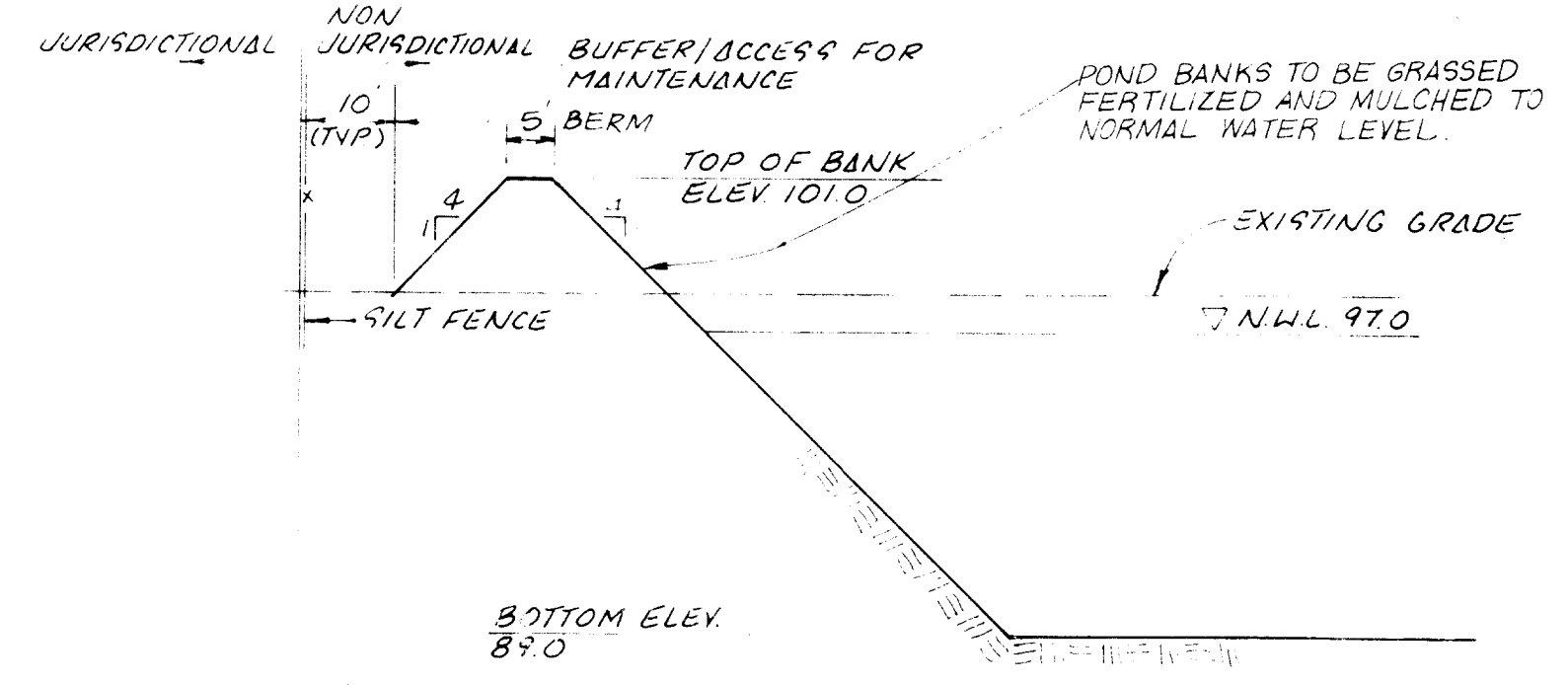
SECTION D-D



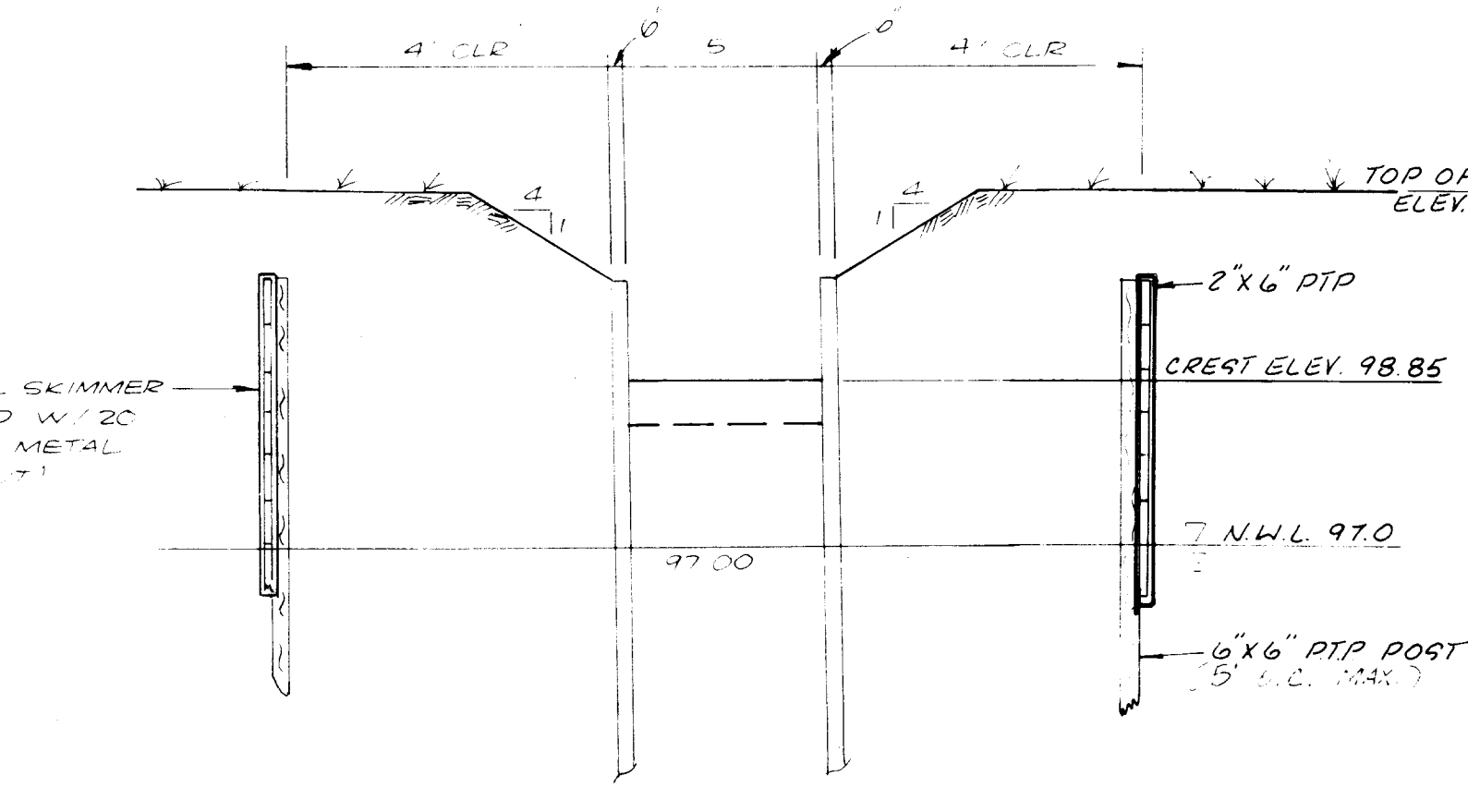
SECTION E-E



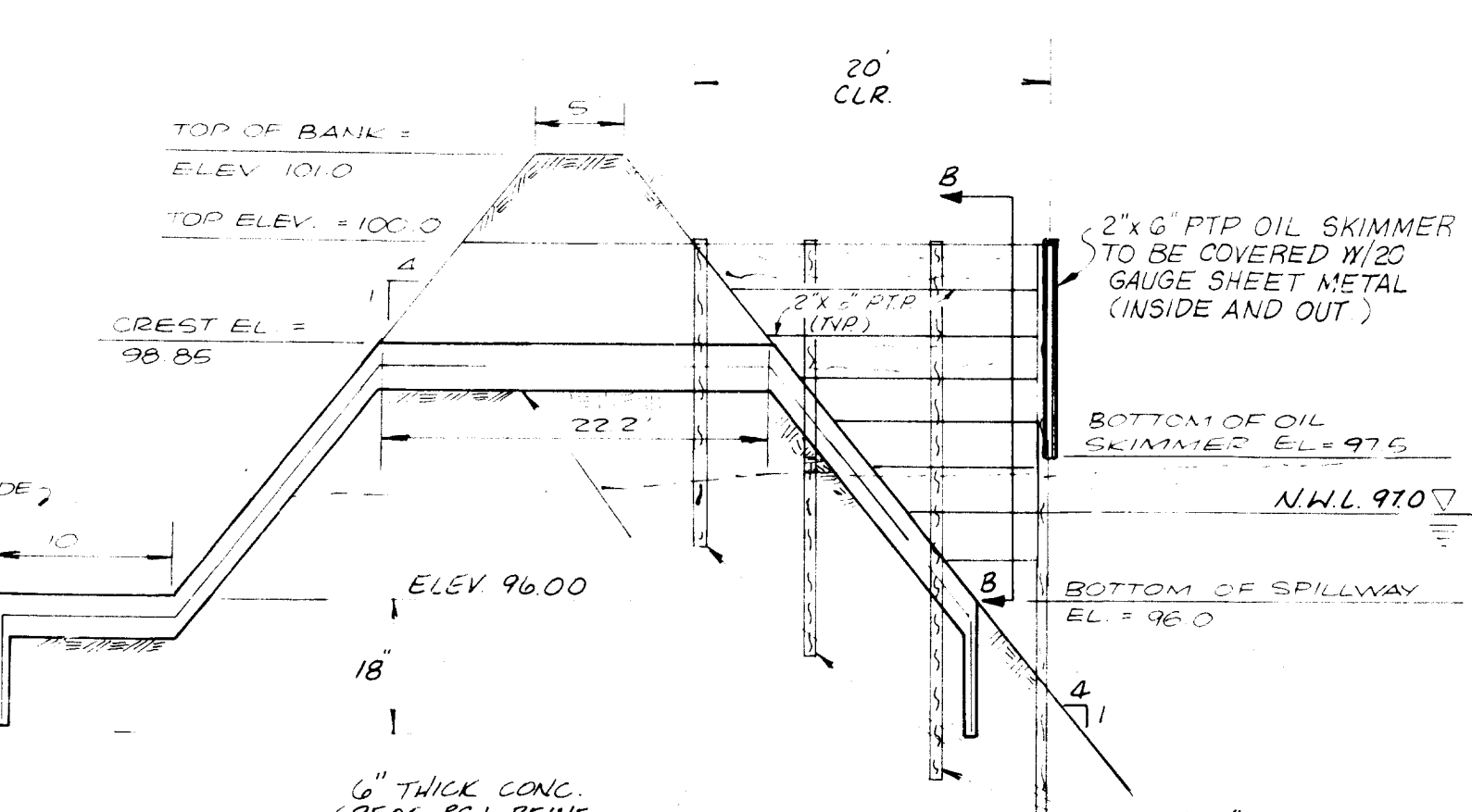
SECTION F-F



SECTION C-C (POND CROSS SECTION)



SECTION B-B



SECTION A-A (SPILLWAY DETAIL)

SCALE: 1" = 10' HOR.
1" = 2' VERT.

PERMIT DRAWING 3-25-92

PAVING AND DRAINAGE DETAILS FOR ANCILLARY FACILITIES

TRAILRIDGE LANDFILL

England-Thimby & Miller, Inc.

Consulting & Design Engineers

4000 N. 10th Ave., Suite 100, Phoenix, AZ 85016

PROJ. NO. 91-126