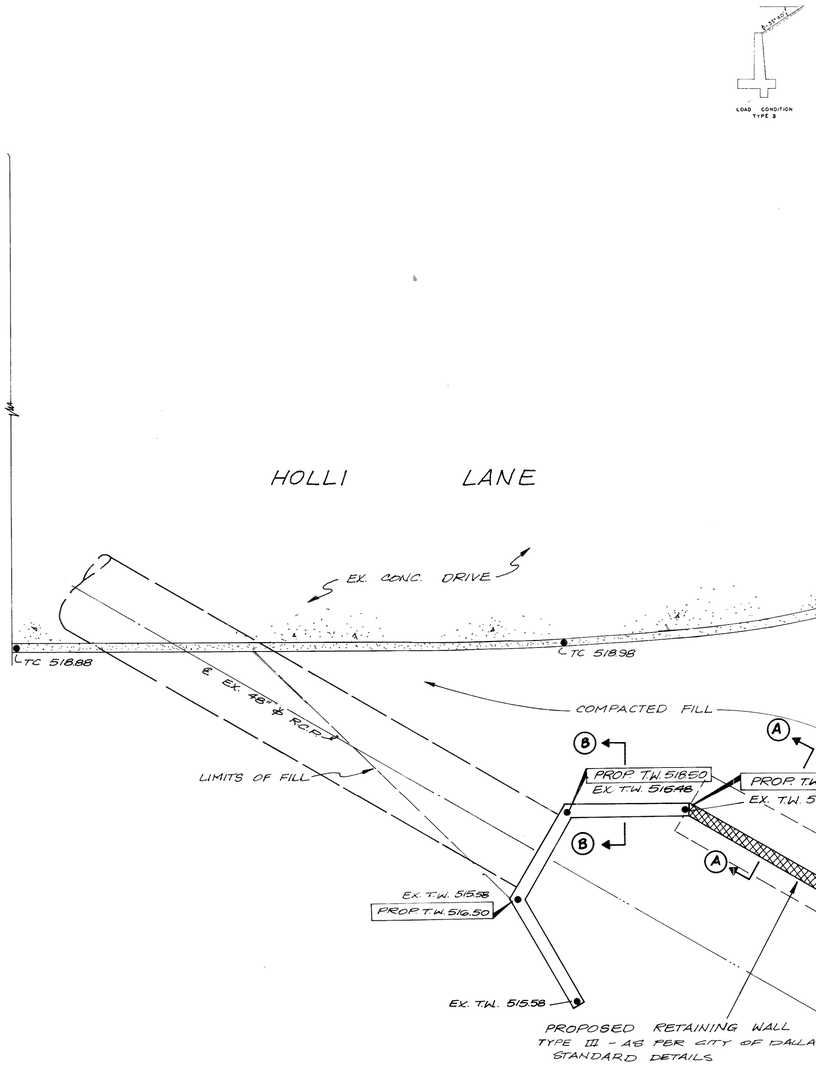
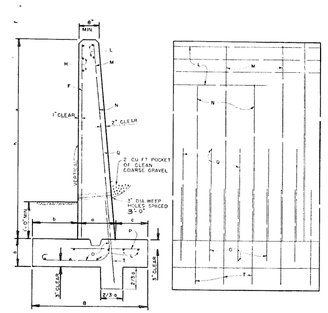
h	CONCRETE					REINFORCEMENT																											
FT	D	a	b	c	CONC CY/LF	BAR SIZE	M LENGTH	M SPACING	BAR SIZE	N LENGTH	N SPACING	BAR SIZE	Q LENGTH	Q SPACING	BAR SIZE	P LENGTH	P SPACING	BAR SIZE	O LENGTH	O SPACING	a	b	BAR SIZE	T LENGTH	T SPACING	BAR SIZE	F LENGTH	F SPACING	BAR SIZE	L QUANTITY	L SPACING	BAR SIZE	H QUANTITY	H SPACING	WEIGHT BARS LB PER L.F.
3	2'-6"	0'-11"	0'-7"	1'-0"	19										NO.3	1'-6"	18"	NO.3	4'-7"	18"	1'-1"	3'-6"				NO.3	2'-10"	18"	NO.3	7	12"	NO.3	2	18"	537
4	3'-2"	1'-0"	0'-9"	1'-5"	26										3	2'-0"	18"	3	5'-11"	18"	1'-8"	4'-7"				3	3'-10"	18"	3	8	12"	3	3	18"	670
5	3'-10"	1'-1"	1'-0"	1'-9"	34										3	2'-5"	13"	3	7'-4"	13"	1'-8"	5'-8"				3	4'-10"	18"	3	9	12"	3	3	18"	866
6	4'-6"	1'-2"	1'-3"	2'-1"	42										3	2'-9"	16"	3	8'-9"	16"	2'-0"	6'-9"	NO.3	4'-6"	16"	3	5'-10"	18"	3	11	12"	3	4	18"	1112
7	5'-3"	1'-3"	1'-6"	2'-6"	52										3	3'-6"	11"	3	10'-2"	11"	2'-4"	7'-10"	3	4'-6"	11"	3	6'-10"	18"	3	12	12"	3	7	12"	1558
8	5'-11"	1'-4"	1'-9"	2'-10"	62	NO.4	7'-10"	14"							4	3'-6"	14"	4	6'-3"	14"	2'-8"	8'-7"	4	4'-6"	14"	3	7'-10"	18"	3	14	12"	3	8	12"	2355
9	6'-8"	1'-5"	2'-0"	3'-3"	73	4	8'-10"	11"							5	4'-0"	11"	4	6'-10"	11"	3'-0"	9'-10"	4	4'-6"	11"	3	8'-10"	12"	3	15	12"	3	9	12"	3154
10	7'-5"	1'-6"	2'-3"	3'-6"	85	4	9'-10"	13"	3	10'-4"	4'-6"	13"			5	4'-9"	13"	5	6'-8"	13"	3'-4"	9'-4"	5	4'-6"	13"	4	9'-10"	12"	4	17	12"	4	10	12"	4886
11	8'-1"	1'-7"	2'-6"	4'-0"	97	5	10'-10"	14"	5	5'-0"	14"				4	4'-9"	1'-1"	6	7'-5"	14"	3'-8"	9'-9"	6	5'-0"	14"	4	10'-10"	12"	4	20	12"	4	11	12"	6140
12	8'-10"	1'-8"	2'-9"	4'-5"	111	6	11'-10"	16"	6	5'-0"	16"				6	5'-3"	1'-0"	7	7'-11"	16"	4'-0"	9'-11"	7	5'-0"	16"	4	11'-10"	12"	4	21	12"	4	12	12"	7466
13	9'-6"	1'-9"	3'-0"	4'-8"	125	5	13'-10"	17"	5	5'-4"	17"	NO.5	4'-0"	17"	5	5'-6"	9'0	8	8'-10"	17"	4'-4"	9'-8"	8	5'-0"	17"	4	12'-10"	12"	4	22	12"	4	13	12"	8380
14	10'-3"	1'-10"	3'-3"	5'-0"	140	6	13'-10"	15"	6	5'-0"	15"	5	4'-0"	15"	7	6'-6"	1'-5"	8	9'-3"	15"	4'-8"	9'-7"	8	5'-0"	15"	4	13'-10"	12"	4	24	12"	4	14	12"	10080
15	11'-0"	1'-11"	3'-6"	5'-1"	156	6	14'-10"	18"	6	5'-0"	18"	6	4'-6"	18"	7	6'-9"	1'-5"	8	9'-6"	1'-0"	5'-0"	9'-6"	9	5'-0"	1'-2"	4	14'-10"	12"	4	26	12"	4	15	12"	11970
16	11'-10"	2'-0"	3'-10"	5'-5"	173	7	15'-10"	19½"	7	7'-6"	19½"	7	4'-6"	19½"	8	7'-3"	1'-3"	9	10'-6"	1'-3"	5'-5"	9'-5"	9	6'-6"	1'-3"	4	15'-10"	12"	4	29	12"	4	16	12"	14630
17	12'-7"	2'-1"	4'-1"	5'-9"	191	7	16'-10"	18"	7	9'-0"	18"	7	5'-6"	18"	8	7'-9"	1'-5"	9	11'-3"	1'-2"	5'-11"	9'-4"	9	6'-9"	1'-2"	4	16'-10"	12"	4	30	12"	4	17	12"	16720
18	13'-4"	2'-2"	4'-4"	6'-0"	210	7	17'-10"	19½"	7	9'-0"	19½"	8	5'-9"	19½"	9	8'-3"	1'-3"	10	11'-9"	1'-3"	6'-1"	9'-3"	10	7'-3"	1'-3"	4	17'-10"	12"	4	31	12"	4	18	12"	18910
19	14'-2"	2'-3"	4'-8"	6'-3"	229	8	18'-10"	16½"	8	9'-0"	16½"	8	6'-0"	16½"	9	8'-9"	1'-1"	10	12'-3"	1'-1"	6'-6"	9'-1"	10	7'-3"	1'-1"	4	18'-10"	12"	4	32	12"	4	19	12"	23630
20	15'-0"	2'-4"	5'-0"	6'-8"	250	9	19'-10"	20"	9	10'-0"	20"	9	6'-0"	10"	9	9'-3"	1'0"	10	12'-9"	1'0"	6'-11"	9'-0"	10	7'-6"	1'0"	4	19'-10"	12"	4	33	12"	4	20	12"	27620

TYPE 3 RETAINING WALL — BACKFILL SLOPING (ϕ=33° 40')



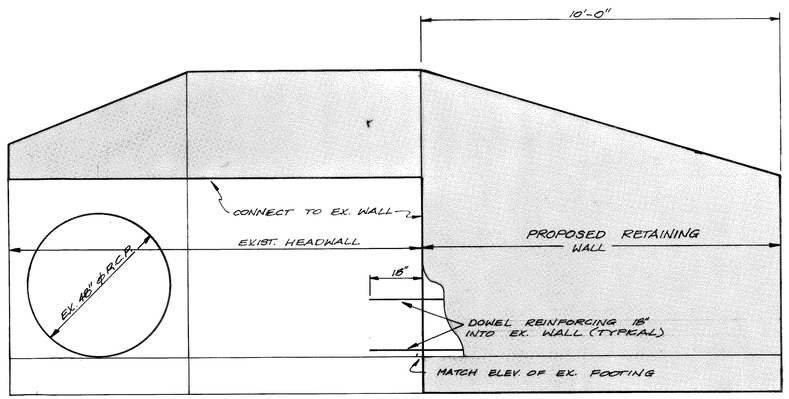
PARTIAL PLAN

SCALE : 1/4" = 1'-0"



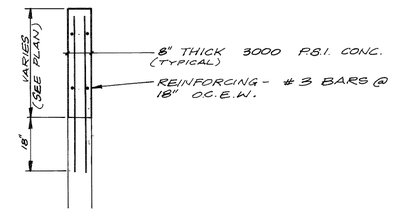
SECTION "A-A"

SHADED AREA DESIGNATES PROPOSED RETAINING WALL.



WALL PROFILE

SCALE : 1/2" = 1'-0"



SECTION "B-B"

SCALE : 1/2" = 1'-0"

AS BUILT

HAROLD L. EVANS CONSULTING ENGINEER		
2331 GUS THOMASSON RD. SUITE 102 DALLAS, TEXAS 75228 PHONE (214) 328-8133		
SCALE	DATE	JOB NO.
AS SHOWN	OCT. 1985	83235

RETAINING WALL

HARRIS HEIGHTS ADDITION

CITY OF ROCKWALL

ROCKWALL COUNTY, TEXAS