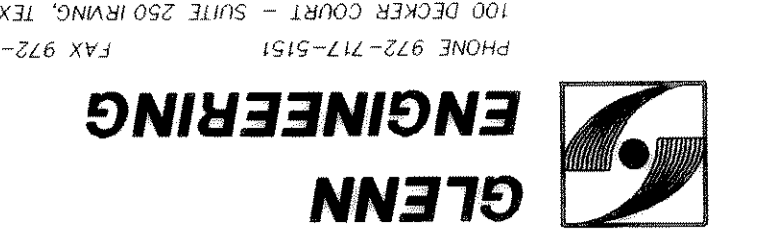


INLET DESIGN CALCULATIONS															
PROJECT NAME LOFLAND FARMS, PHASE 4															
LINE NAME N/A															
DATE 2/22/01															
BY N.K.															
ELEMENTARY SCHOOL #8															
DATE 2/22/01															
BY RAH															
1	2														
A	STA. 15+13.27	FIELDCREST DRIVE (RT.)	100	9.8	0.50	1.81	8.87	1.20	10.07	26.05	1.25	6" PARABOLIC	15'	11.80	0
B	STA. 15+13.27	FIELDCREST DRIVE (LT.)	100	9.8	0.50	1.20	5.88	1.05	6.93	26.05	1.25	6" PARABOLIC	10'	6.95	0
C	STA. 10+33.27	FIELDCREST DRIVE (RT.)	100	9.8	0.50	1.58	7.74	0	7.74	32.95	2.00	6" PARABOLIC	10'	6.50	1.20
D	STA. 10+20.27	FIELDCREST DRIVE (LT.)	100	9.8	0.50	1.54	7.55	0	7.55	32.95	2.00	6" PARABOLIC	10'	6.50	1.05
E	STA. 7+17.71	FIELDCREST DRIVE (LT.)	100	9.8	0.50	0.99	4.85	0	4.85	32.95	2.00	6" PARABOLIC	10'	6.50	0
F	STA. 4+34.30	FIELDCREST DRIVE (RT.)	100	9.8	0.50	3.24	15.87	0	15.87	0	-	-	-	-	-
G	STA. 4+01.68	FIELDCREST DRIVE (LT.)	100	9.8	0.50	1.20	5.88	1.01	6.89	21.10	0.82	6" PARABOLIC	10'	7.30	0
H	STA. 7+14.03	ALLEY "2" (RT.)	100	9.8	0.50	1.45	7.11	0	7.11	10.92	0.77	ALLEY	10'	6.10	1.01
I	STA. 4+93.25	PAINT CREEK COURT (LT.)	100	9.8	0.50	2.21	10.83	0	10.83	SAG	SAG	6" PARABOLIC	10'	21.00	0
J	STA. 12+84.99	TEAGLE DRIVE (LT.)	100	9.8	0.50	1.36	6.66	2.52	9.18	29.0	1.55	6" PARABOLIC	15'	10.50	0
K	STA. 12+84.99	TEAGLE DRIVE (RT.)	100	9.8	0.50	0.45	2.21	0.08	2.29	29.0	1.55	6" PARABOLIC	5'	2.75	0
L	STA. 6+27.66	ALLEY "3" (RT.)	100	9.8	0.50	1.24	6.08	0	3.35	17.55	1.99	ALLEY	10'	6.10	0.08
M	STA. 0+81.86	ALLEY "3" (LT.)	100	9.8	0.50	0.84	4.12	0	4.12	17.55	1.99	ALLEY	10'	6.10	0
N	STA. 10+65.69	TEAGLE DRIVE (LT.)	100	9.8	0.50	1.52	7.45	1.77	9.22	29.0	1.55	6" PARABOLIC	10'	6.70	2.52
O	STA. 9+18.86	TEAGLE DRIVE (RT.)	100	9.8	0.50	1.96	9.60	0	9.60	29.0	1.55	6" PARABOLIC	15'	10.50	0
P	STA. 7+08.37	TEAGLE DRIVE (LT.)	100	9.8	0.50	1.77	8.67	0	8.67	26.57	1.30	6" PARABOLIC	10'	6.90	1.77
Q	STA. 3+81.37	TEAGLE DRIVE (LT.)	100	9.8	0.50	1.17	5.73	0	5.73	26.57	1.30	6" PARABOLIC	10'	6.90	0
R	STA. 15+51.27	TEAGLE DRIVE (RT.)	100	9.8	0.50	19.91	97.56	0	97.56	78.04	-	-	-	-	0

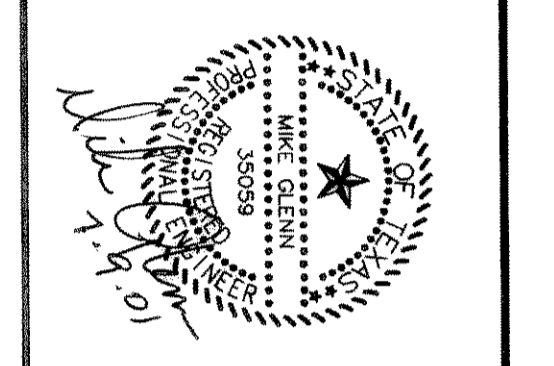
INLET DESIGN CALCULATIONS														
PROJECT NAME N/A														
LINE NAME N/A														
DATE 2/22/01														
BY RAH														
1	2													
R1	OFFSITE ( NORTH )	FUTURE 205 BYPASS	100	9.8	0.90	3.39	29.90	0	29.90	0	-	-	-	-
R2	OFFSITE ( NORTH )	FUTURE 205 BYPASS	100	9.8	0.90	4.53	39.95	0	39.95	0	-	-	-	-
F	OFFSITE		100	9.8	0.50	1.00	4.90	0	4.90	0	-	-	-	-
F1	FIRELANE NORTH SITE		100	9.8	0.90	1.71	15.08	0	15.08	0	-	-	-	-
F2	EAST PARKING LOT		100	9.8	0.90	1.31	11.55	3.3	12.29	10'	POINT	6" SLOPED	20.0	0
F3	EAST PARKING LOT		100	9.8	0.90	1.25	11.03	0	11.03	10'	POINT	6" SLOPED	20.0	0
F4	EAST PARKING LOT		100	9.8	0.90	1.02	9.00	0	9.00	10'	POINT	6" SLOPED	5.70	3.30
S	BUILDING ONLY		100	9.8	0.90	1.76	15.52	0	15.52	0	-	-	-	-
U1	SOUTH PARKING LOT		100	9.8	0.90	0.98	6.72	0	6.72	10'	POINT	6" SLOPED	20	0
U2	SOUTH PARKING LOT		100	9.8	0.90	0.40	3.53	0	3.53	10'	POINT	6" SLOPED	15'x1.5'	3.3
T1	PLAY FIELDS		100	9.8	0.90	0.31	2.73	0	2.73	0	-	-	-	-
T2	PLAY FIELDS		100	9.8	0.70	0.24	1.65	0	1.65	0	-	-	-	-
T3	PLAY FIELDS		100	9.8	0.50	2.41	11.81	0	11.81	0	-	-	-	-
T4	PLAY FIELDS		100	9.8	0.50	1.28	6.27	0	6.27	0	-	-	-	-
T5	PLAY FIELDS		100	9.8	0.50	2.27	11.12	0	11.12	0	-	-	-	-
T6	PLAY FIELDS (FUTURE 205 BYPASS)		100	9.8	0.50	0.57	2.79	0	2.79	0	-	-	-	-
T7	PLAY FIELDS (FUTURE 205 BYPASS)		100	9.8	0.82	0.82	7.23	0	7.23	0	-	-	-	-

These Drawings have been modified to conform to the Construction Records.  
 Glenn Engineering Corporation  
 By: [Signature] Date: 2.23.04



**DRAINAGE AREA CALCULATIONS**

SET NUMBER  
 SHEET NUMBER  
 OF 210  
 SHW Group Inc. Architects + Engineers



FINAL PLANS FOR BIDDING AND CONSTRUCTION

**ROCKWALL ELEMENTARY #8**  
**ROCKWALL INDEPENDENT SCHOOL DISTRICT**  
**ROCKWALL, TEXAS**

DATE MAY 2, 2001  
 DRAWN BY R. HOWMAN  
 CHECKED RAH  
 CDMM NO  
 REVISIONS