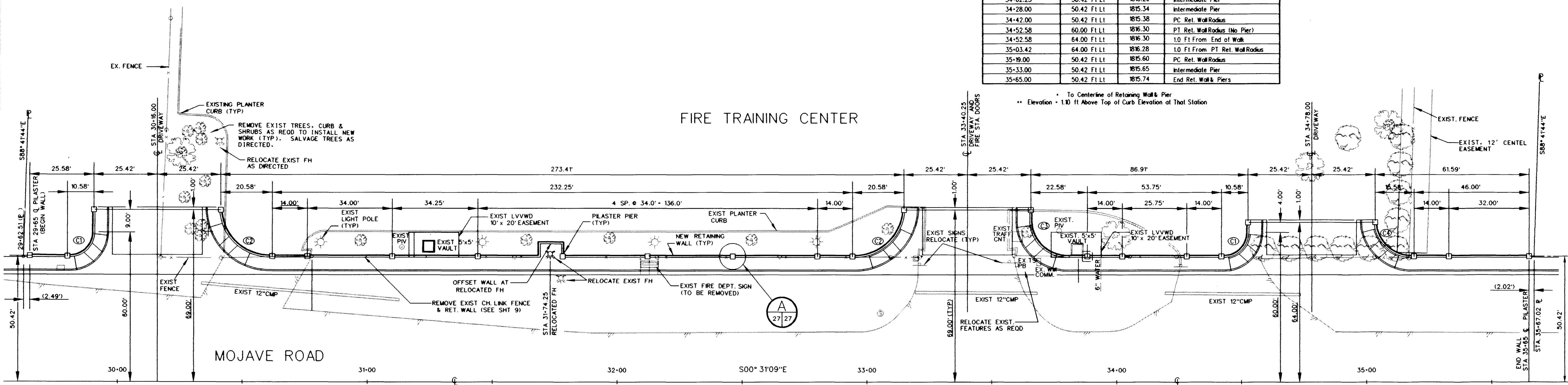


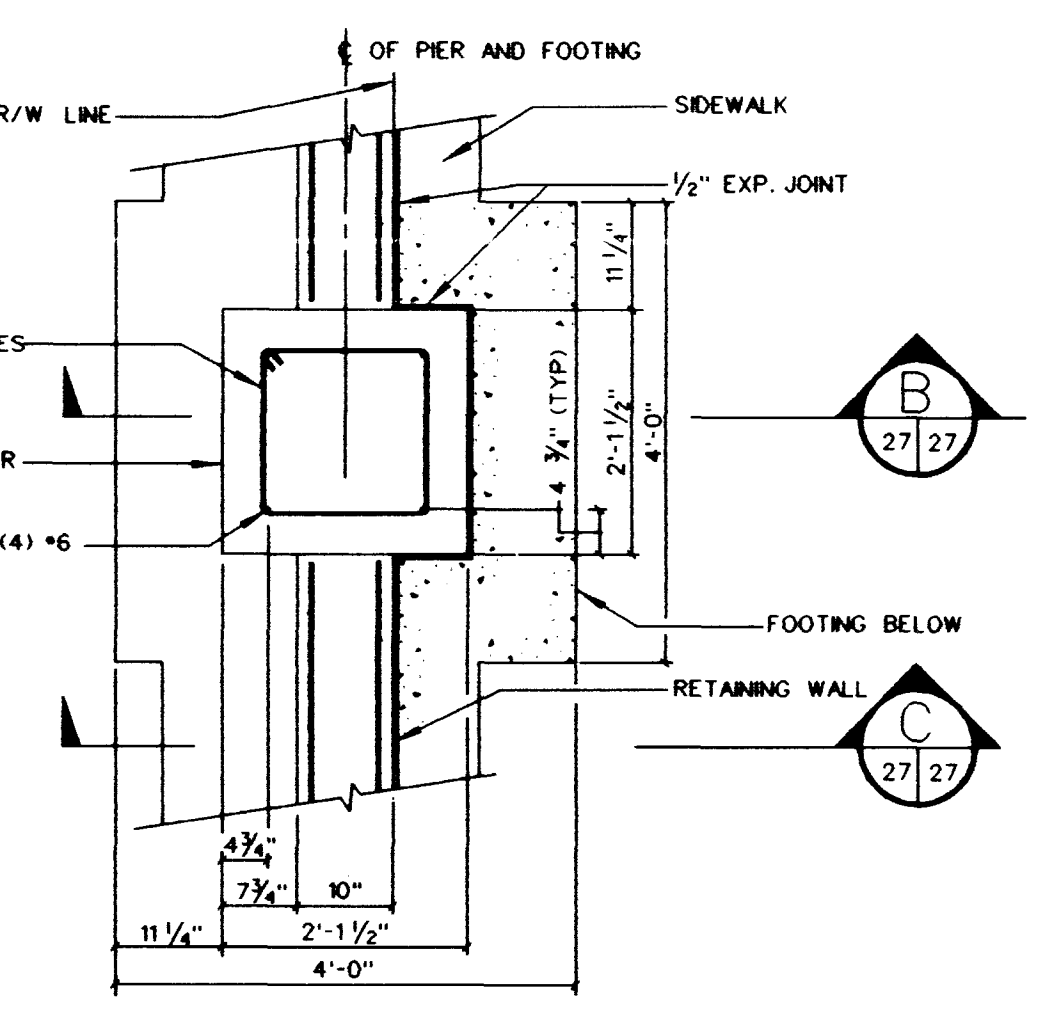
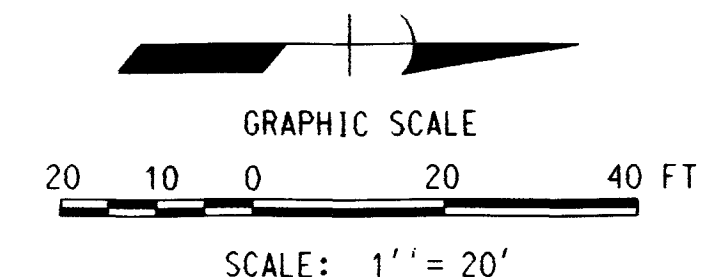
CENTERLINE RETAINING WALL CURVE DATA					
CURVE NO.	DELTA	RADIUS	LENGTH	TANGENT	REMARKS
(C1)	90°	9.58'	15.05'	9.58'	End Ret. Wall 9.0 Ft Beyond PT
(C2)	90°	19.58'	30.76'	19.58'	
(C3)	90°	14.17'	22.26'	14.17'	End Ret. Wall 3.0 Ft Beyond PT
(C4)	90°	14.58'	22.90'	14.58'	

ELEVATIONS AT TOP OF PLASTER PIER/RETAINING WALL			
Sta. @ C Pier	Offset*	Elevation**	C Pier Location
29+65.00	50.42 F.L.L.	1813.94	Begin Ret. Wall & Piers
29+80.00	50.42 F.L.L.	1814.26	PC Ret. Wall Radius
29+90.58	60.00 F.L.L.	1814.57	PT Ret. Wall Radius (No Pier)
29+90.58	69.00 F.L.L.	1814.77	1.0 Ft From End of Walk
30+41.42	69.00 F.L.L.	1814.77	1.0 Ft From PT Ret. Wall Radius
30+62.00	50.42 F.L.L.	1814.24	PC Ret. Wall Radius
30+76.00	50.42 F.L.L.	1814.28	Intermediate Pier
31+10.00	50.42 F.L.L.	1814.38	Intermediate Pier
31+44.25	50.42 F.L.L.	1814.50	Intermediate Pier
31+70.25	50.42 F.L.L.	1814.56	CL Wall Offset (No Pier)
31+70.25	54.42 F.L.L.	1814.56	CL Wall Offset (No Pier)
31+78.25	54.42 F.L.L.	1814.59	CL Wall Offset (No Pier)
31+78.25	50.42 F.L.L.	1814.59	Intermediate Pier
32+17.25	50.42 F.L.L.	1814.69	Intermediate Pier
32+46.25	50.42 F.L.L.	1814.79	Intermediate Pier
32+80.25	50.42 F.L.L.	1814.89	Intermediate Pier
32+94.25	50.42 F.L.L.	1814.94	PC Ret. Wall Radius
33+14.83	69.00 F.L.L.	1816.17	1.0 Ft From PT Ret. Wall Radius
33+65.67	69.00 F.L.L.	1816.17	1.0 Ft From PT Ret. Wall Radius
33+80.25	50.42 F.L.L.	1815.20	PC Ret. Wall Radius
33+88.25	50.42 F.L.L.	1815.22	PC Ret. Wall Radius
34+02.25	50.42 F.L.L.	1815.26	Intermediate Pier
34+28.00	50.42 F.L.L.	1815.34	Intermediate Pier
34+42.00	50.42 F.L.L.	1815.38	PC Ret. Wall Radius
34+52.58	60.00 F.L.L.	1816.30	PT Ret. Wall Radius (No Pier)
34+52.58	64.00 F.L.L.	1816.30	1.0 Ft From End of Walk
35+03.42	64.00 F.L.L.	1816.28	1.0 Ft From PT Ret. Wall Radius
35+19.00	50.42 F.L.L.	1815.60	PC Ret. Wall Radius
35+33.00	50.42 F.L.L.	1815.65	Intermediate Pier
35+65.00	50.42 F.L.L.	1815.74	End Ret. Wall & Piers

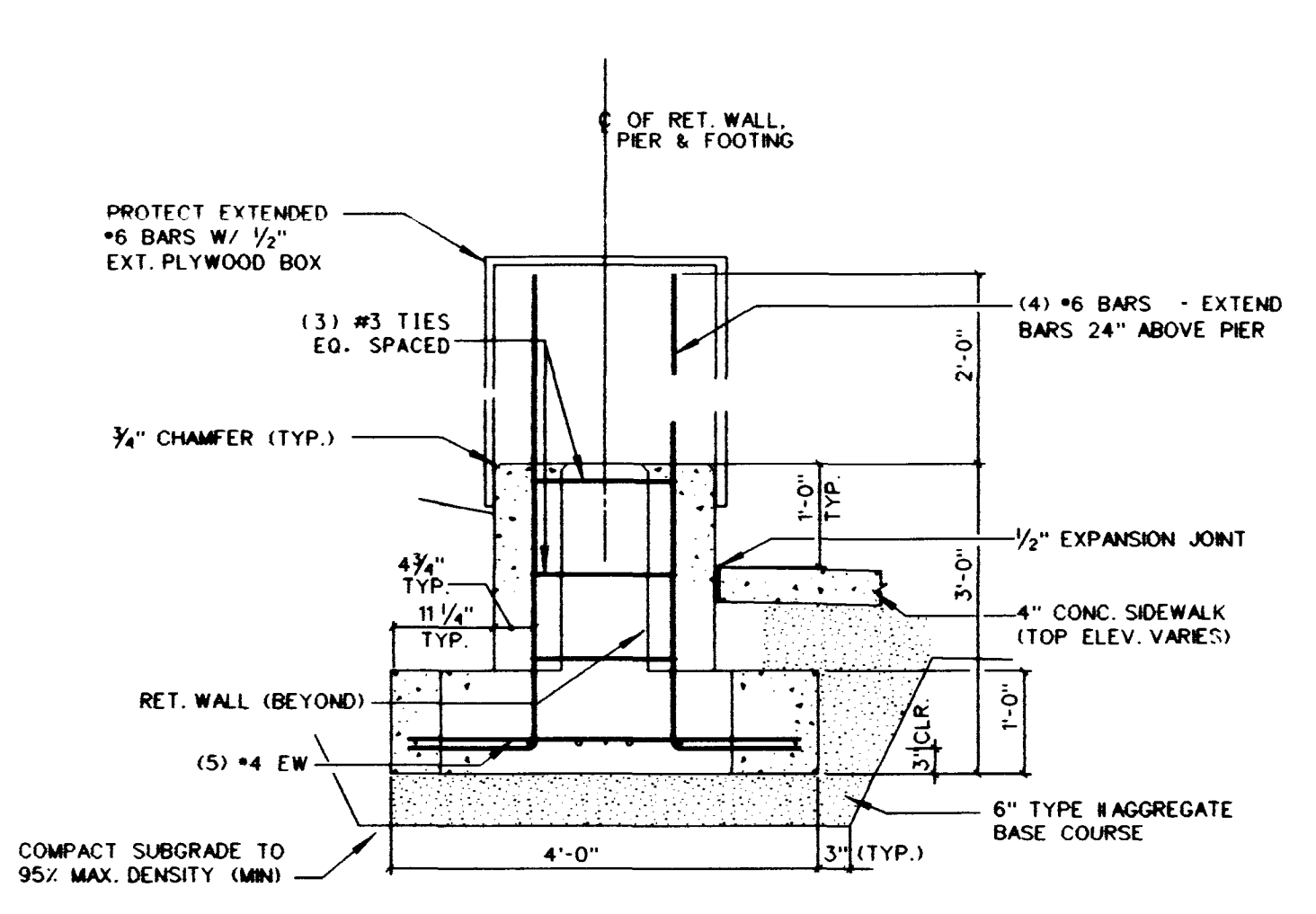
- NOTES:
- TOP OF RETAINING WALL SLOPES AT APPROX. 0.30%.
  - TOP OF PILASTER PIERS TO BE LEVEL (SEE TABLE AT RIGHT).
  - DIMENSIONS IN PARENTHESES (THUS) ARE REFERENCE - MAY VARY TO SUIT FIELD CONDITIONS.
  - SEE PLAN & PROFILE SHEETS FOR OTHER WORK NOT SHOWN.
  - SEE STORM DRAIN PLANS FOR UNDERGROUND UTILITIES.
  - PROVIDE 1-1/2" DIA. PVC WEEP HOLES @ 10 FT O.C. (MAX.) WITH 1 CU.FT. OF DRAIN GRAVEL PER LINEAR FT. OF WALL.
  - FOR WATER SERVICE AND HYDRANT RELOCATIONS, REFER TO SHEET 28.



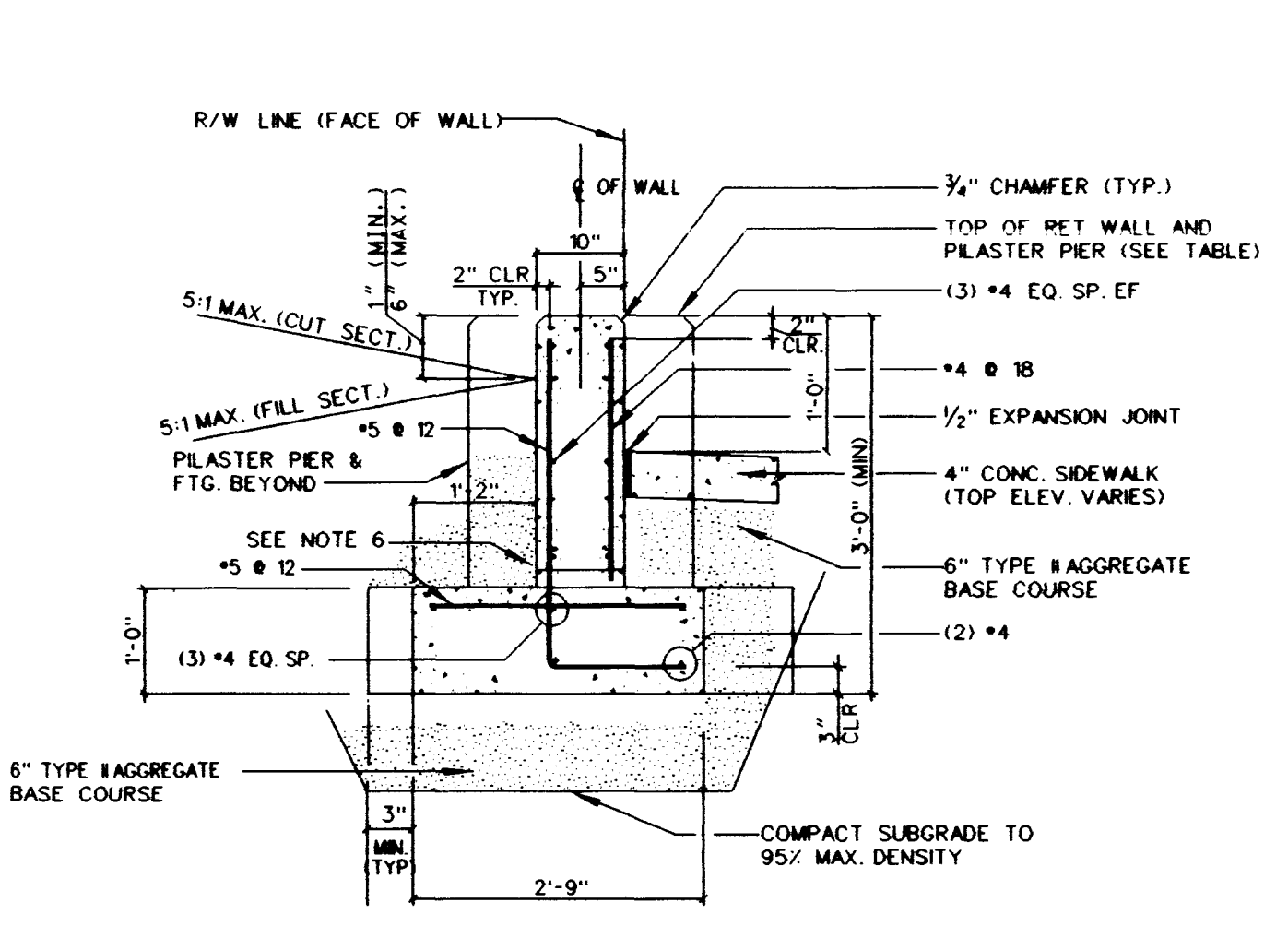
ENLARGED PLAN - RETAINING WALL @ FIRE TRAINING CENTER



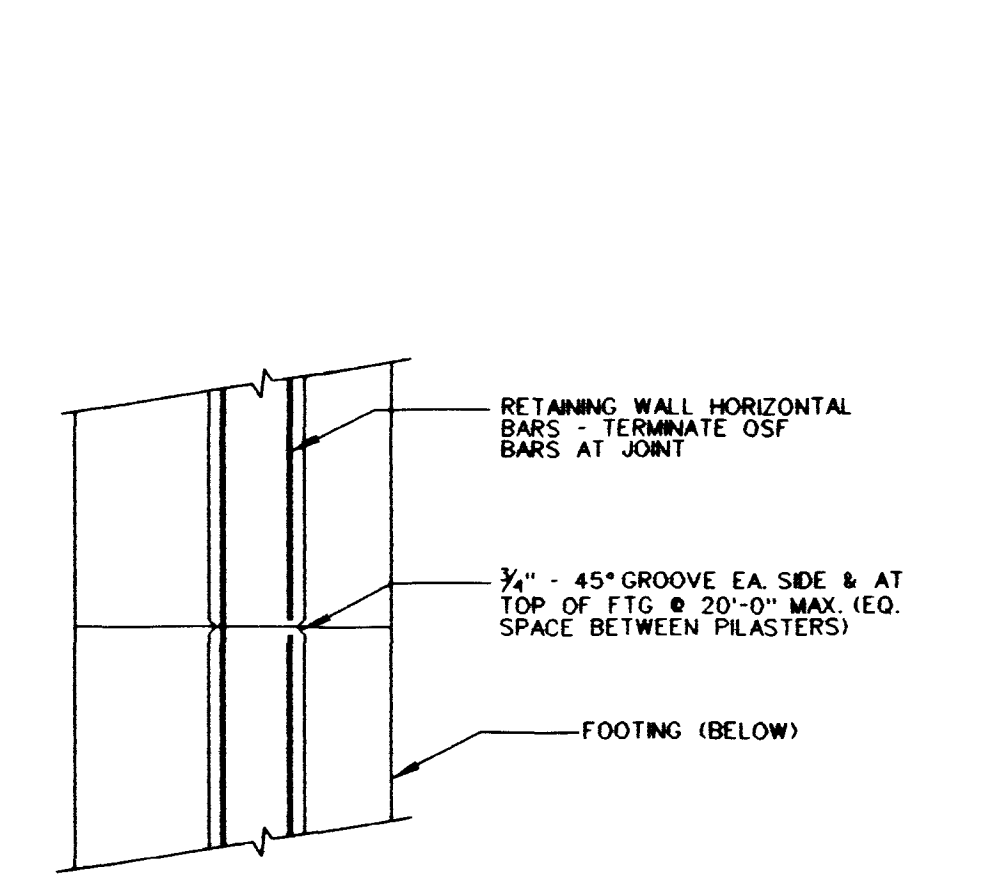
(A) PLAN @ PILASTER PIER  
N.T.S.



(B) SECTION @ PILASTER PIER  
N.T.S.



(C) RETAINING WALL SECTION  
N.T.S.



(D) RET. WALL CONTROL JT DETAIL  
N.T.S.

DATE: \_\_\_\_\_ REVISIONS: \_\_\_\_\_

DESIGN BY: \_\_\_\_\_ DATE: 08-19-97

SCALE (H): \_\_\_\_\_ SCALE (V): \_\_\_\_\_

4305 S. INDUSTRIAL RD.  
SUITE 185  
LAS VEGAS, NV 89103  
TEL: 702-987-7314  
FAX: 702-987-7451

**MK CENTENNIAL**

REGISTERED PROFESSIONAL ENGINEER - STATE OF NEVADA  
NO. 60000  
EXPIRES 12/31/00

DEPARTMENT OF PUBLIC WORKS  
PROJECT: MOJAVE ROAD IMPROVEMENTS

SHEET: MOJAVE ROAD FIRE TRAINING CENTER  
RETAINING WALL

CITY OF LAS VEGAS  
NEVADA

DRAWING NO. 27  
107-V2677

