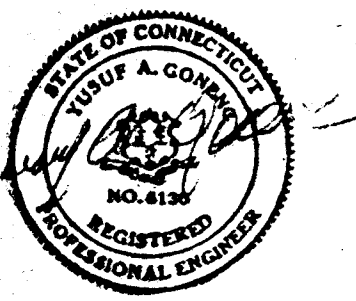




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LANDSCAPE ARCHITECT

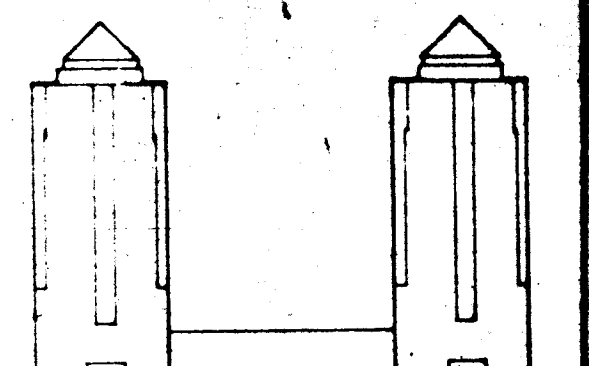
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NO.	DESCRIPTION	DATE
1	REVISED	5/1/84
2	REVISED LAYOUT	1/15/84
3	GRADING REVISED	2/15/84
4	INVERTS REVISED	2/15/84
5	PIPE LENGTHS/TYPES	1/15/84

Revisions



**UNDERWOOD
TOWERS**

**Drawing Title
GRADING AND
DRAINAGE PLAN**

Scale: 1" = 40'	Date: 12/7/84	Drawing No.
Project No. 10800	115	C-3

STORM DRAINAGE DATA			
STRUCTURE TYPE	LOCATION	TOP OF FRAME	INVERT ELEV.
STORM M.H. (5' DIA.)	M-1	47.5	38.0 (36") 35.4 (42")
	M-2	45.5	35.0 (36") 34.5 (42")
	M-3	43.5	34.0 (36") 33.6 (42")
EXISTING M.H.	M-4	45.7	30.60 (W) 34.00 (N)
M.H. W/FLAP GATE ON INLET	M-5	43.50	38.5
STORM M.H. 4' DIA.	M-6	43.5	38.0 (FROM) 35.0
PIPE INLETS	I-1	—	—
	I-2	—	—
	I-3	—	—
HEADWALL	I-4	—	—
PIPE OUTLETS	I-5	—	36.0
	I-6	—	36.5
	I-7	—	36.5
	I-8	—	—
TYPE "C" CATCH BASIN	S-1	42.8	39.5
	S-2	43.8	39.2
	S-3	42.4	38.0
	S-4	41.5	37.4
	S-5	41.5	38.5
	S-6	42.30	39.3
	S-7	42.30	39.1
	S-8	44.5	42.0
	S-9	47.00	43.0
TYPE "C-L" CATCH BASIN	S-10	39.5	36.0
TYPE "C-L" CATCH BASIN	S-11	51.2	48.0
TYPE "C-L" CATCH BASIN	S-12	44.60	40.5
TYPE "C-L" CATCH BASIN	S-12A	42.60	39.5
TYPE "C" CATCH BASIN	S-13	43.50	40.50
TYPE "C" CATCH BASIN	S-14	48.00	44.25
TYPE "C" CATCH BASIN	S-15	48.00	44.75
TYPE "C" CATCH BASIN	S-16	42.7	38.1
SLUICE GATE CHAMBER	C-1	48.0	38.5
	C-2	45.2	35.5
	C-3	42.0	35.5
STORM M.H. (4' DIA.)	M-7	44.50	40.2

NOTE: ALL STORM DRAINAGE PIPING WILL BE
REINFORCED CONCRETE PIPE CLASS IV.

ABBREVIATIONS

P.V.C. - POLYVINYLCHLORIDE
W.S. - WATER SURFACE
E.L. - ELEVATION
R.C. - REINFORCED CONCRETE
C.C.M.P. - COATED CORRUGATED METAL PIPE
M. - METAL

ITEM	EXISTING	PROPOSED
CATCH BASIN		
MANHOLE		
DRAINAGE PIPE		
CULVERT END		
CONTOUR LINE		
SPOT ELEVATION		
GRASS LINED SWALE		

- NOTES**
- CONTOUR INTERVAL 1.0', (0.5' ON STREETS)
 - CONTRACTOR SHALL STAKE OUT THE PERIMETER OF THE LAGOONS AND PATHWAYS FOR REVIEW BY THE ARCHITECT PRIOR TO UNDERTAKING OF ANY EXCAVATION.
 - GRADING EQUIPMENT USED IN VICINITY OF PARK RIVER CONDUIT SHALL BE APPROVED PRIOR TO USE. ONLY LIGHT WEIGHT EQUIPMENT SHALL BE USED.

