



TOTAL EXISTING FLOOR AREA AND BUILDING ELEVATIONS

REF. NO.	STRUCTURES IDENTIFICATION	FLOOR SPACE (SQ. FT.)	BUILDING ELEVATION (FEET. 01)
1	ADMINISTRATION BUILDING	11,500	
2	RESEARCH LABORATORY	8,000	
3	STOREROOM BUILDING	10,100	
4	TECHNICAL SERVICE BUILDING	4,500	45
5	GARAGE AND MAINTENANCE BUILDING	5,700	
6	DALLAS HEATER BUILDING	12,600	
7	DALLAS HEATER BUILDING	1,600	
8	DALLAS HEATER BUILDING	1,700	
9	SOUTH DALLAS PEAK FLOW PUMP STATION	4,100	
10	WHITE ROCK GRIT FACILITY	3,500	
11	WHITE ROCK PUMP STATION	11,500	
12	OPERATIONS BUILDING	0	
13	WHITE ROCK TRANSFER AND METER PAD	2,300	
14	WHITE ROCK SERVICE BUILDING	2,600	
15	WHITE ROCK HEADWORKS BUILDING	2,600	
16	WHITE ROCK HEATER BUILDING	1,600	
17	DEMONSTRATION PLANT	2,000	
18	TERTIARY FILTER COMPLEX TUNNEL	11,400	
19	ELECTRICAL SUBSTATION	600	
20	NEW TRUCK WASH FACILITY	400	
21	CONTROL STRUCTURE METER VAULT	400	
22	GATE STRUCTURE	300	
23	VENTILATION BUILDING	300	
24	WHITE ROCK OFFFALL GATE TOWER	900	
25	TERTIARY INFLUENT PUMP STATION	900	
26	MAIN ENTRANCE GUARD HOUSE	500	
27	PRIMARY SLUDGE PUMP STATION	750	
28	DALLAS RECIRCULATION PUMP STATION	350	
29	MOTOR CONTROL CENTER FOR DALLAS RECIRCULATION PUMP STATION	250	
30	DALLAS EFFLUENT PUMP STATION	250	
31	MOTOR CONTROL CENTER FOR DALLAS EFFLUENT PUMP STATION	300	
32	WHITE ROCK EFFLUENT PUMP STATION	1,500	
33	MOTOR CONTROL CENTER FOR WHITE ROCK EFFLUENT PUMP STATION	900	
34	OLD CHLORINE BUILDING	900	
35	CHEMICAL FEED BUILDING	1,500	
36	PUMP STATION MECHANICAL BUILDING	1,000	
37	NON-POTABLE WATER PUMP STATION	1,200	
38	BLOWER BUILDING	1,400	
39	SLUDGE TRANSFER PUMP STATION	300	
40	NEW BLOWER BUILDING	3,500	
41	WASTE SLUDGE PUMP STATION	2,000	
42	DALLAS HEADWORKS	10,300	
43	ACTIVATED SLUDGE INFLUENT PUMP STATION	2,100	
44	STORMWATER PUMP STATION	1,200	
45	NON-POTABLE WATER PUMP STATION	1,200	
46	ELECTRICAL BUILDING	700	
47	WHITE ROCK PEAK FLOW PUMP STATION	1,300	
48	AND CONTROL BUILDING	950	
49	EQUIPMENT BUILDING 3 & 4	8,220	
50	DOOR CONTROL BUILDING	520	
51	EQUIPMENT BUILDING 1 & 2	9,970	
52	DOOR CONTROL BUILDING	530	
53	SLUDGE GRINDER BUILDING	5,360	
54	CHLORINE BUILDING	5,000	
55	SWITCHGEAR BUILDING SS-2	1,200	
56	SOLIDS TRANSFER PUMP STATION	2,800	
57	RECLAIMED WATER PUMP STATION	1,400	
58	MAINTENANCE & PROCESS CONTROL FACILITY	28,000	
59	INFLUENT PUMP STATION	15,000	
SUBTOTAL FOR STRUCTURES			212,220

TOTAL PROPOSED FLOOR AREA AND BUILDING ELEVATIONS

REF. NO.	IDENTIFICATION	FLOOR SPACE (SQ. FT.)	BUILDING ELEVATION (FEET. 01)
A	OFFICE FACILITY	18,000	
B	ENERGY RECOVERY FACILITY	24,300	
C	SLUDGE HOLDING TANK BIOPILTER	0	
D	DIGESTER IMPROVEMENTS	36,270	
E	TERTIARY FILTER COMPLEX B	29,600	
F	WHITE ROCK HEADWORKS BIOPILTER	13,000	
G	PRIMARY CLARIFIERS	267,136	
H	HEADWORKS	35,700	
I	FUTURE EXPANSION	457,815	
J	WHITE ROCK PUMP STATION	900	
K	WHITE ROCK PUMP STATION	870,020	
TOTAL FOR PROPOSED FUTURE FACILITIES			870,020
TOTAL FOR EXISTING STRUCTURES AND TREATMENT PROCESS UNITS			1,232,980
TOTAL FOR PROPOSED FUTURE FACILITIES			870,020
MAXIMUM ALLOWABLE FOOTAGE			2,103,000

TREATMENT PROCESS UNITS

REF. NO.	IDENTIFICATION	FLOOR SPACE (SQ. FT.)	BUILDING ELEVATION (FEET. 01)
70	WHITE ROCK SECONDARY CLARIFIERS	30,000	
71	WHITE ROCK GRIT FACILITIES	3,700	
72	DALLAS CHANNELED	11,500	
73	PISA GRIT CHAMBER	400	
74	VALVE STRUCTURE	1,200	
75	SECONDARY CLARIFIERS	22,500	
76-77	PRIMARY CLARIFIERS	267,136	
78	POTABLE WATER TANK	700	127
79	WHITE ROCK PAPER PLUM	100	
80	OFFFALL GATE TOWER	300	
81	NON-POTABLE WATER TANK	2,800	
82	SLUDGE HOLDING TANK	5,000	104
83-84	PRIMARY DIGESTERS	58,500	
85	SECONDARY CLARIFIERS	48,800	
86	SECONDARY SLUDGE PUMPING STATION	2,000	
87	FILTER BACKWASH WUDGE BASIN	94	
88	TERTIARY FILTER COMPLEX A	33,300	
89	ACTIVATED SLUDGE COMPLEX A	347,800	
90	CHLORINE CONTACT TANK	20,000	
91	ACTIVATED SLUDGE COMPLEX B	382,000	
92	TERTIARY FILTER INFLUENT STRUCTURE	3,000	
93	BASEIN D OFFFALL STRUCTURE	1,400	
130-132	PRIMARY CLARIFIERS	37,500	
133	OFFFALL STRUCTURE	1,400	
134	OFFFALL STRUCTURE	3,600	
135	DALLAS HEADWORKS BIOPILTER	23,200	
136	CHLORINE CONTACT BASIN	21,000	
SUBTOTAL FOR TREATMENT PROCESS UNITS			1,020,760
TOTAL FOR EXISTING STRUCTURES AND TREATMENT PROCESS UNITS			1,232,980

**MINOR AMENDMENTS TO S.U.P. 132
CITY OF DALLAS
CENTRAL WASTEWATER TREATMENT PLANT
April 2016**

(1) ALL BUILDINGS AND STRUCTURES ARE LESS THAN 40 FEET IN HEIGHT UNLESS OTHERWISE NOTED.