

Chapman

Room	MDF/IDF Location	Voice Feeds to MPOE	Fiber Strands	Exterior Wireless AP Locations	New Cat 6 Cabling	New Fiber	Data Cabinet
903	MDF Library	50 pair			14		Existing
7	IDF 7	50 pair	12		14	new upgrade 50u	New 3'
907	IDF 907		12			new upgrade 50u	New 3'
3	IDF 3	25 pair to Rm 7	6		14	new upgrade 50u	Existing
4	IDF 4	12 Pair to Rm 3	12		14	upgrade 50u	Existing
27	IDF 27	25 Pair to Rm 19	12		14	upgrade 50u	Existing
24	IDF 24	2 Cat 5e to Rm 19	12	1	14	upgrade 50u	Existing
1				2	14		
2					14		
5					14		
6					14		
8					14		
9					14		
10					14		
11					14		
12				1	14		
13					14		
14				2	14		
15				1	14		
16					14		
17					14		
18				1	14		
19	New IDF 19				14		New 3'
20					14		
21					14		
22				2	14		
23				1	14		
25					14		
26					14		
28				1	14		
admin					16		
mpr					12		
905					4		
913	outdoor			2			
				14	438		

Notes:

4 Outdoor Wirless Locations will require Mast (Rooms 22, 913, 14, 1)

Replace backboards as necessary

Asbestos related work: abatement, drilling, etc. will be by the district

10 Gig backbone fiber optic backbones will be required. OM3-300 meter at a minimum. OM4-550 meter at a maximum

All existing cabling is to be removed by the contractor.

All voice feed cables will be terminated on rack-mount patch panels

New 2" conduit with cans between room 13 and room 24 under eve

Add a 2" seal-tight sleeve between rooms 4 and 5, 9 and 10, 25 and 26 along with 25 and 27

All exterior Access Points must be grounded to new or existing ground legs

Fairview/CAL

Room	MDF/IDF Location	Voice Feeds to MPOE	Fiber Strand Count	Exterior Wireless AP Locations	New Cat 6 Cabling	New Fiber	Data Cabinets
19	IDF	2 Cat 5e	12	1	14	upgrade to 50u	New 2'
12	IDF	12 Pair	12		14	upgrade to 50u	New 3'
8	IDF	12 Pair	12		14	upgrage to 50u	New 3'
10	IDF		6	2	42	upgrade to 50u	Existing 2'
4	IDF	12 Pair	12	1	14	upgrade to 50u	New 3'
2	IDF	25 Pair	12		14	upgrade to 50u	Existing 2'
911	MPR		12	2	6		
16	Class room				14		
918	MDF	50 Pair	78	1	8		Existing 7'
909	admin				4		
900					10		
902					2		
1					14		
3					14		
5					14		
6					14		
7					14		
9					14		
11				1	14		
13					14		
14					14		
15					14		
917					40		
17				2	14		
18					14		
20				2	14		
21					4		
22					4		
23	IDF	N/A	N/A		4		
24					4		
25					4		
Shop	IDF	N/A	N/A	2	6		
				14	404		

Notes:

4 Outdoor Wirless Locations will require Mast (Rooms 20, 17, 911, 10)

Replace backboards as necessary

Asbestos related work: abatement, drilling, etc. will be by the district

10 Gig backbone fiber optic backbones will be required. OM3-300 meter at a minimum. OM4-550 meter at a maximum

All existing cabling is to be removed by the contractor.

All voice feed cables will be terminated on rack-mount patch panels

New 2" conduit with cans between MDF and MPOE under eve

New 1" conduit with from can to new can at room 19

Add a 2" seal-tight sleeve between rooms 917 and 15, 15 and 16 as well as 16 and 17

Masts are to be 1 1/4" to 2" EMT with Unistrut Clamps and bolted with lags to structure

All exterior Access Points must be grounded to new or existing ground legs

Citrus

Room	MDF/IDF Location	Voice Feeds to MPOE	Fiber Strands	Exterior Wireless AP Locations	New Cat 6 Cabling	New Fiber	Data Cabinet
928	MDF	50 Pair	60				
914	IDF		12	3		upgrade 50u	new 4'
23	IDF	12 Pair	12	2	16	upgrade 50u	move existing up 2"
13	IDF		12	2	16	upgrade 50u	new 3'
21	IDF	12 Pair	12		16	upgrade 50u	existing 2'
12	Lab		12		2	Install 50u	existing 2'
Hallway					8		
1					16		
2					16		
3					16		
4				2	16		
5					16		
6					16		
7					16		
8					16		
9				1	16		
10					16		
11					48		
14					16		
15				2	16		
16				1	16		
17					16		
18				1	16		
MPR					16		
933					16		
admin					8		
24					16		
25					16		
				14	418		

Notes:

2 Outdoor Wireless Locations will require Mast (Rooms 914, 15)

Replace backboards as necessary

Asbestos related work: abatement, drilling, etc. will be by the district

10 Gig backbone fiber optic backbones will be required. OM3-300 meter at a minimum. OM4-550 meter at a maximum

All existing cabling is to be removed by the contractor.

All voice feed cables will be terminated on rack-mount patch panels

New 2" conduit with cans between room 12 and room 13

Move existing IDF in room 23 up within 2" of the ceiling

Add a 2" seal-tight sleeve between room 23 and 24

All exterior Access Points must be grounded to new or existing ground legs

McManus

Room	MDF/IDF Location	Voice Feeds to MPOE (RM 906)	Fiber Strand Count	Exterior Wireless AP Locations	New Cat 6 Cabling	New Fiber	Data Cabinet
922	MDF	12 Pair	84				Existing 7'
925				2	14		
907	MPR	25 Pair	12	2		upgrade 50u	Existing 2'
912	Office	2 CAT 5E	12	2		upgrade 50u	Existing 2'
Hall	Unit C	12 Pair	12			upgrade 50u	New 3'
20	Lab	25 Pair	12		48	upgrade 50u	Existing (2 x 2')
3A	Class	12 Pair	12	2	24	upgrade 50u	Existing 2'
25	Class	12 Pair	12		48	upgrade 50u	Existing 2'
29	Class	12 Pair	12		14	upgrade 50u	Existing 2'
1					14		
2					14		
3					18		
4				1	14		
5					14		
6					14		
7					14		
8					14		
9					14		
10				2	14		
11					14		
12					14		
13					14		
14					14		
15					14		
16					14		
17				1	14		
18					14		
19					14		
21					14		
22					14		
23					14		
24				1	22		
26					14		
27					14		
28					14		
30					14		
31				1	14		
Main Office					18		
909					4		
MPR					12		
904					2		
			14	588			

Notes:

4 Outdoor Wireless Locations will require Mast (Rooms 912, 4, 925, 3A)

Replace backboards as necessary

Asbestos related work: abatement, drilling, etc. will be by the district

10 Gig backbone fiber optic backbones will be required. OM3-300 meter at a minimum. OM4-550 meter at a ma

All existing cabling is to be removed by the contractor.

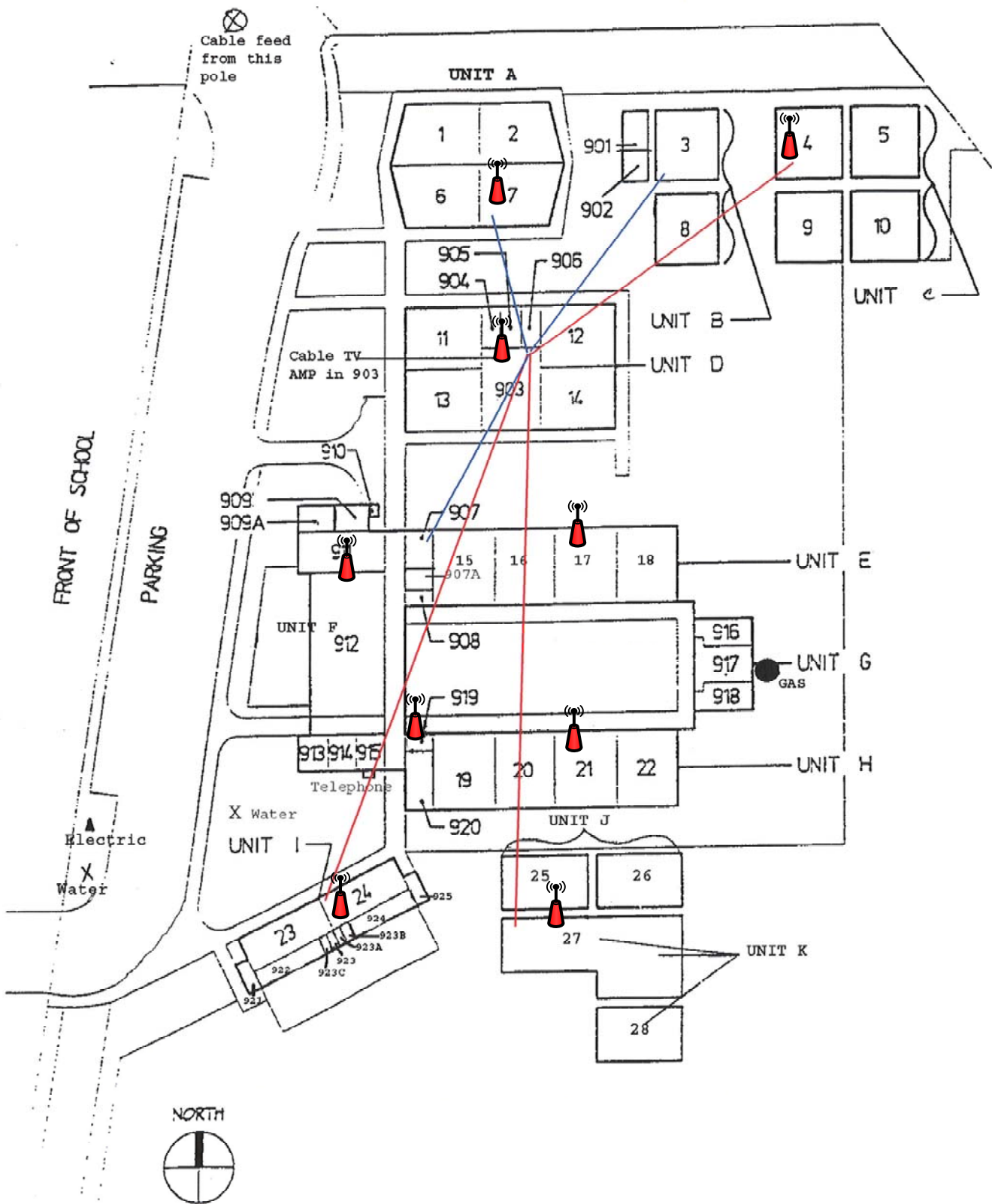
All voice feed cables will be terminated on rack-mount patch panels

New 2" conduit with cans between room 3 and room 3A under eve

New 2" conduit with cans between room 922 and office under eve

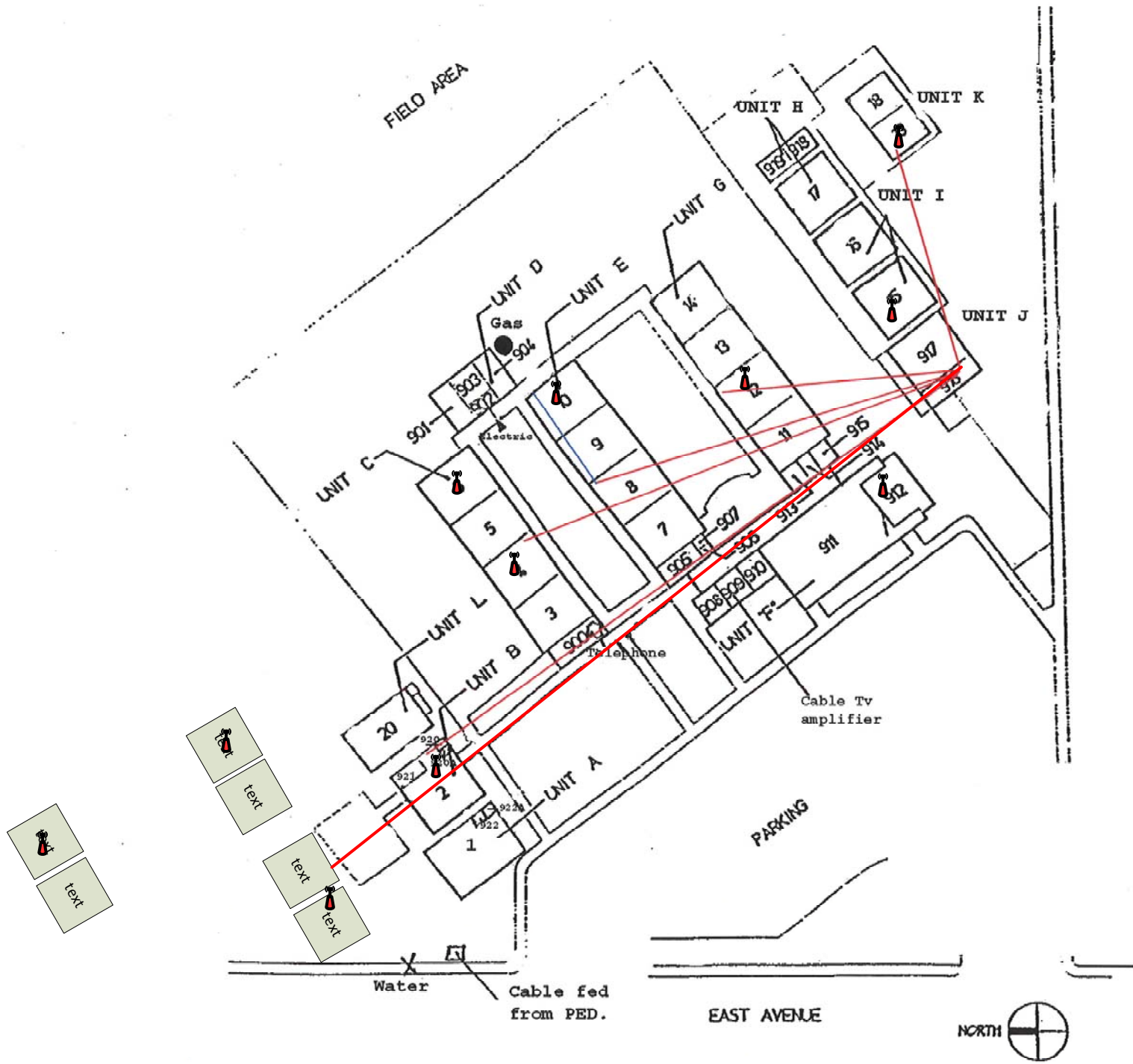
Add a 2" seal-tight sleeve between rooms 25 and 26

All exterior Access Points must be grounded to new or existing ground legs



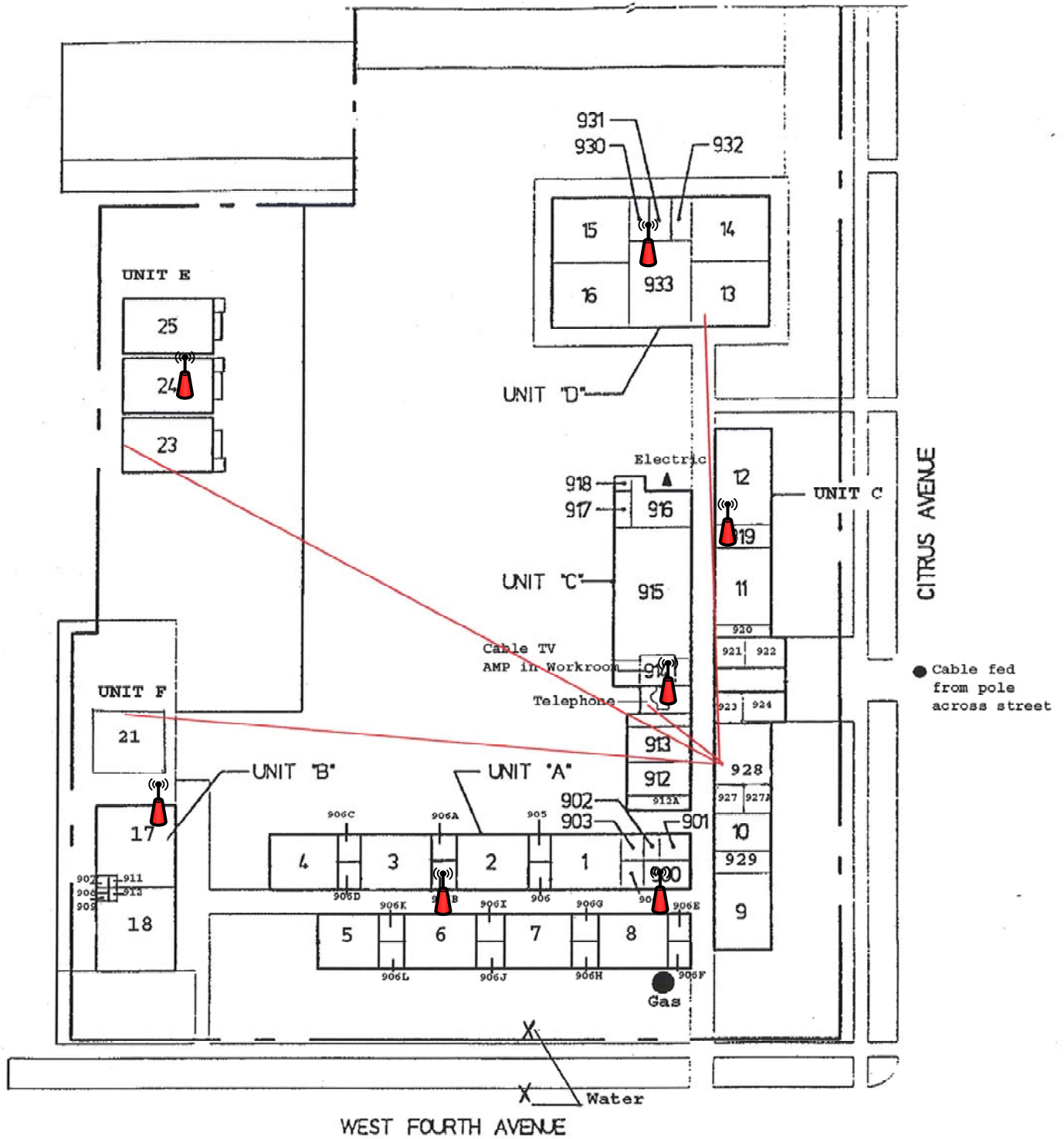
CHAPMAN ELEMENTARY SCHOOL

Updated 9/2006



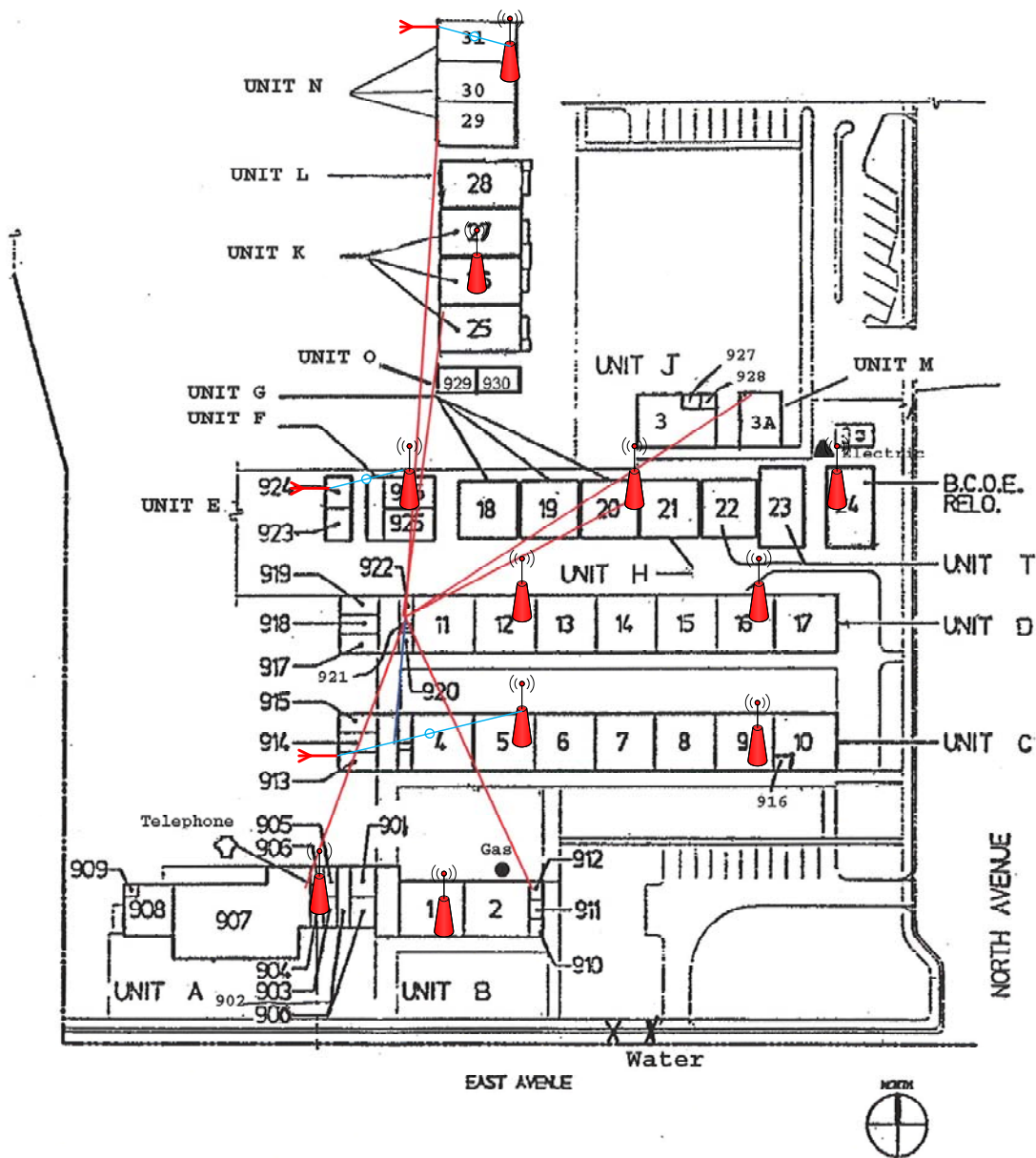
FAIR VIEW HIGH SCHOOL
(at Jay Partridge site)

Updated 9/2006



CITRUS ELEMENTARY SCHOOL

Updated 9/2006



JOHN McMANUS ELEMENTARY SCHOOL

Updated 9/2006

Additional Information:

1. 100% Performance and Payment Bonds shall be required for bids exceeding \$250,000.00.
2. Sub-Contracting will be allowed for trenching.
3. All asbestos related penetrations will be made by the District.
4. As-Builts and test data sheets are required for all sites at the end of the project.
5. All vendor bids must be calculated with Prevailing Wage
6. The vendor must provide patch cables for IDF/MDF's. Sizes may vary depending on cabinet, 3', 5', and 7' cables are standard.
7. The vendor must provide a 12' data patch cable for each classroom data drop.
8. Any underground data/voice feeder cable must be must have matching protection for grounding